

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017587.D
 Acq On : 06 Mar 2024 12:24
 Operator : SY/MD
 Sample : VY0306SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 02:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	130659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65319	52.749	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.500%			
35) Dibromofluoromethane	7.716	113	77638	54.952	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.900%			
50) Toluene-d8	10.179	98	295715	59.864	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 119.720%			
62) 4-Bromofluorobenzene	12.483	95	90460	58.269	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19158	19.877	ug/l	97
3) Chloromethane	2.101	50	35226	20.003	ug/l	95
4) Vinyl Chloride	2.241	62	44950	19.896	ug/l	97
5) Bromomethane	2.643	94	39328	21.361	ug/l	95
6) Chloroethane	2.784	64	27239	19.112	ug/l	97
7) Trichlorofluoromethane	3.107	101	57034	24.770	ug/l	97
8) Diethyl Ether	3.521	74	15139	22.417	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	28923	21.838	ug/l	98
10) Methyl Iodide	4.082	142	28139	18.932	ug/l	99
11) Tert butyl alcohol	5.021	59	7134m	67.823	ug/l	
12) 1,1-Dichloroethene	3.857	96	25857	20.949	ug/l	97
13) Acrolein	3.735	56	12763	91.960	ug/l	96
14) Allyl chloride	4.466	41	31019	20.799	ug/l	97
15) Acrylonitrile	5.167	53	25880	93.221	ug/l	99
16) Acetone	3.972	43	23487	97.789	ug/l	98
17) Carbon Disulfide	4.180	76	60173	16.242	ug/l	99
18) Methyl Acetate	4.485	43	10626	18.236	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	61700	21.447	ug/l	100
20) Methylene Chloride	4.710	84	33558	20.555	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	29488	20.404	ug/l	96
22) Diisopropyl ether	6.112	45	76543	22.241	ug/l	92
23) Vinyl Acetate	6.064	43	207518	101.191	ug/l	98
24) 1,1-Dichloroethane	6.015	63	52064	22.144	ug/l	99
25) 2-Butanone	7.002	43	30711	89.723	ug/l	99
26) 2,2-Dichloropropane	6.978	77	42932	21.718	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	34692	21.380	ug/l	98
28) Bromochloromethane	7.332	49	17987	19.425	ug/l	96
29) Tetrahydrofuran	7.356	42	18131	87.873	ug/l	99
30) Chloroform	7.502	83	56621	22.619	ug/l	98
31) Cyclohexane	7.783	56	37939	18.826	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	47361	21.793	ug/l	98
36) 1,1-Dichloropropene	7.917	75	39822	20.890	ug/l	99
37) Ethyl Acetate	7.082	43	16782	22.290	ug/l	96
38) Carbon Tetrachloride	7.899	117	41746	21.851	ug/l	97
39) Methylcyclohexane	9.185	83	43025	18.781	ug/l	94
40) Benzene	8.161	78	121866	21.527	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6690	17.707	ug/l	93
42) 1,2-Dichloroethane	8.234	62	29323	21.230	ug/l	99
43) Isopropyl Acetate	8.277	43	26994	20.403	ug/l	97
44) Trichloroethene	8.941	130	34768	21.308	ug/l	98
45) 1,2-Dichloropropane	9.215	63	30403	22.574	ug/l	97
46) Dibromomethane	9.307	93	16504	21.412	ug/l	97
47) Bromodichloromethane	9.496	83	41993	22.437	ug/l	95
48) Methyl methacrylate	9.295	41	11479	18.744	ug/l	94
49) 1,4-Dioxane	9.362	88	3330m	381.739	ug/l	
51) 4-Methyl-2-Pentanone	10.075	43	73117	99.160	ug/l	100
52) Toluene	10.246	92	78210	21.915	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	37022	21.312	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	45829	21.712	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	24390	22.286	ug/l	96
56) Ethyl methacrylate	10.514	69	24531	19.833	ug/l	100
57) 1,3-Dichloropropane	10.788	76	37273	20.948	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	65673	103.993	ug/l	98
59) 2-Hexanone	10.837	43	52730	104.111	ug/l	99
60) Dibromochloromethane	10.983	129	28873	22.301	ug/l	100
61) 1,2-Dibromoethane	11.087	107	21605	21.422	ug/l	98
64) Tetrachloroethene	10.721	164	36054	21.178	ug/l	99
65) Chlorobenzene	11.514	112	84770	22.517	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	31996	22.686	ug/l	100
67) Ethyl Benzene	11.593	91	141198	21.386	ug/l	99
68) m/p-Xylenes	11.703	106	113390	43.706	ug/l	99
69) o-Xylene	12.032	106	53127	22.073	ug/l	96
70) Styrene	12.044	104	89099	22.302	ug/l	98
71) Bromoform	12.209	173	17360	22.212	ug/l #	96
73) Isopropylbenzene	12.331	105	139106	21.782	ug/l	100
74) N-amyl acetate	12.142	43	24059	21.360	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	24808	22.622	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	17571m	21.514	ug/l	
77) Bromobenzene	12.611	156	33702	21.792	ug/l	96
78) n-propylbenzene	12.672	91	171378	22.365	ug/l	99
79) 2-Chlorotoluene	12.757	91	94144	21.944	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	112975	22.081	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	7430	20.903	ug/l	97
82) 4-Chlorotoluene	12.855	91	97826	22.293	ug/l	99
83) tert-Butylbenzene	13.074	119	99125	22.063	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	111880	22.150	ug/l	100
85) sec-Butylbenzene	13.251	105	152270	22.168	ug/l	100
86) p-Isopropyltoluene	13.367	119	123133	21.898	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	67963	21.894	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	68307	22.634	ug/l	99
89) n-Butylbenzene	13.696	91	114496	22.318	ug/l	99
90) Hexachloroethane	13.958	117	26190	23.232	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	58682	22.349	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3379	21.917	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	32626	23.524	ug/l	98
94) Hexachlorobutadiene	15.111	225	20375	23.794	ug/l	97
95) Naphthalene	15.233	128	51228	21.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28313	23.796	ug/l	97

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MSVOA_Y
ClientSampleId :
VY0306SBSD02

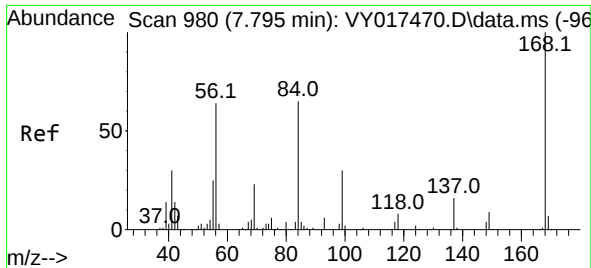
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 02:06:28 2024
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

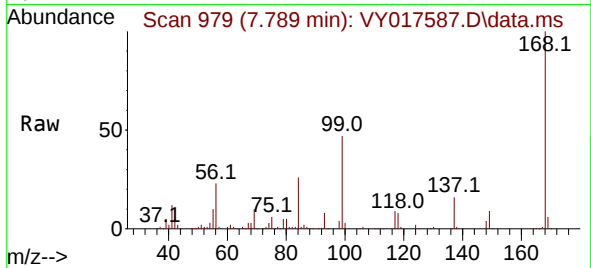
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017587.D
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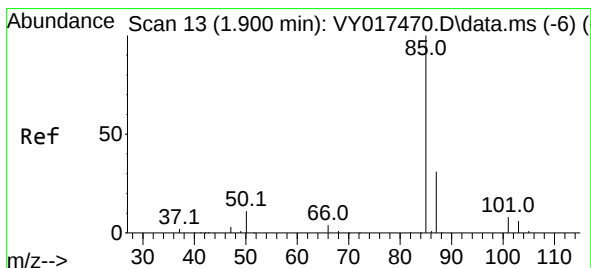
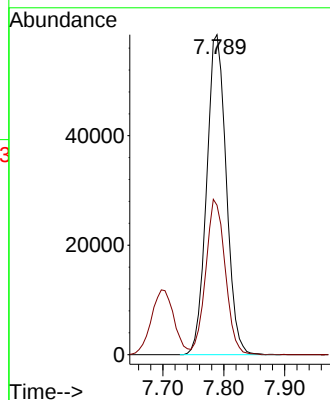
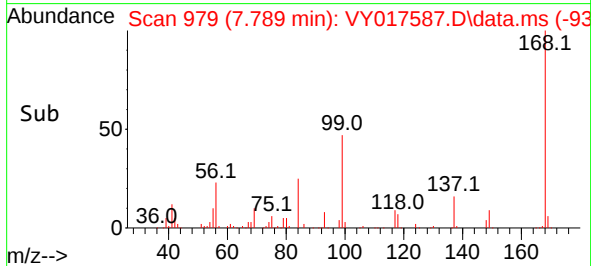
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 130659
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7

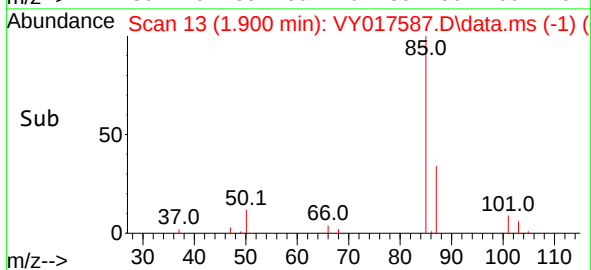
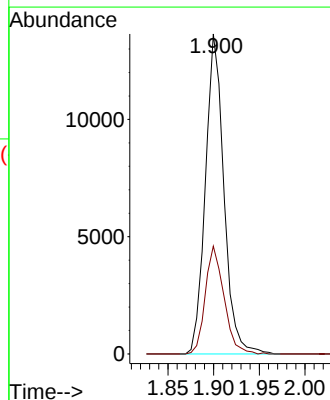
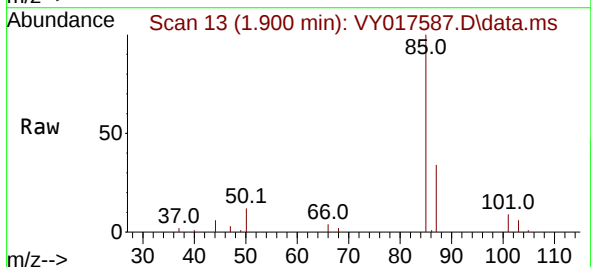
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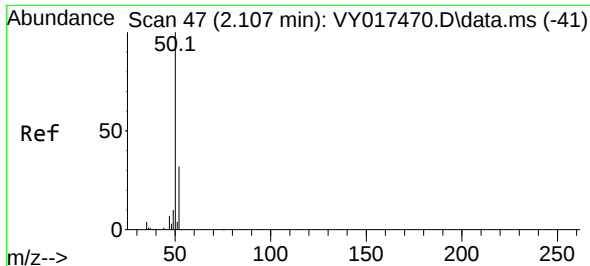
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#2
Dichlorodifluoromethane
Concen: 19.877 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

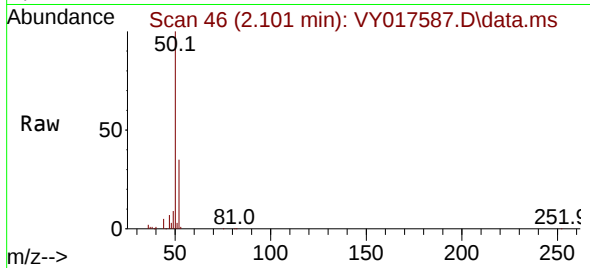
Tgt Ion: 85 Resp: 19158
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0





#3
Chloromethane
Concen: 20.003 ug/l
RT: 2.101 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

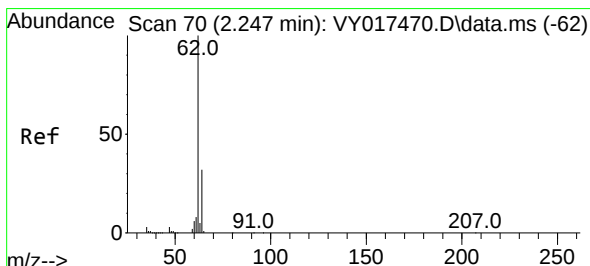
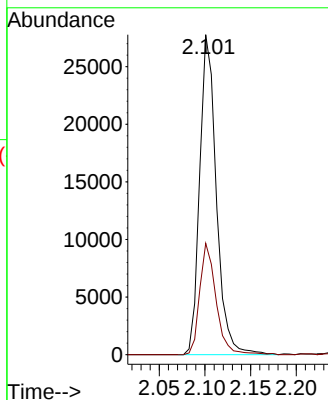
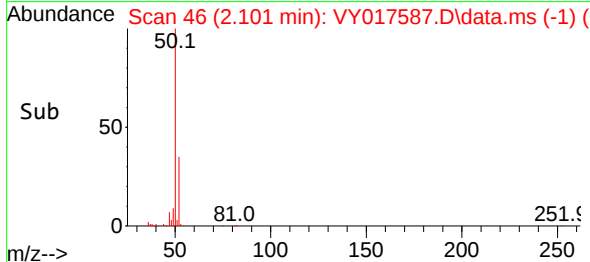
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 35220
Ion Ratio Lower Upper
50 100
52 34.8 25.6 38.4

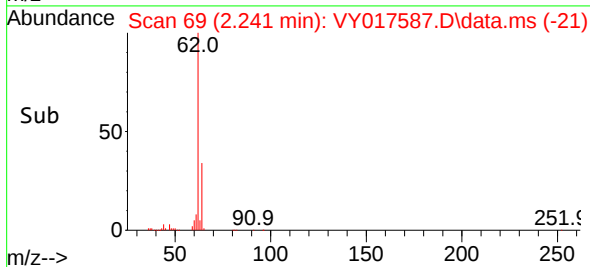
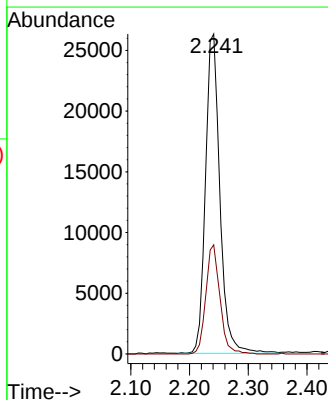
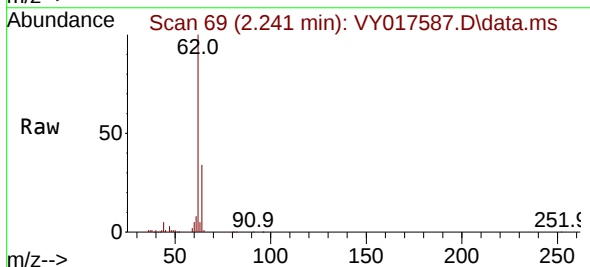
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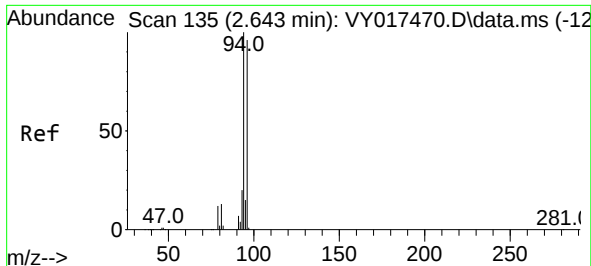
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#4
Vinyl Chloride
Concen: 19.896 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

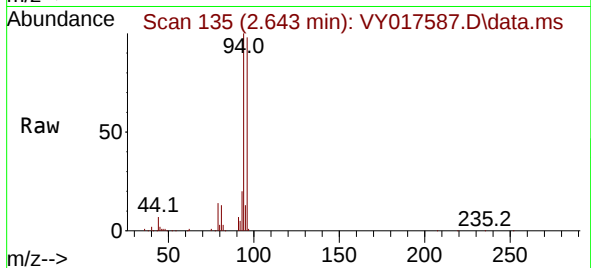
Tgt Ion: 62 Resp: 44950
Ion Ratio Lower Upper
62 100
64 34.2 26.1 39.1





#5
Bromomethane
Concen: 21.361 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

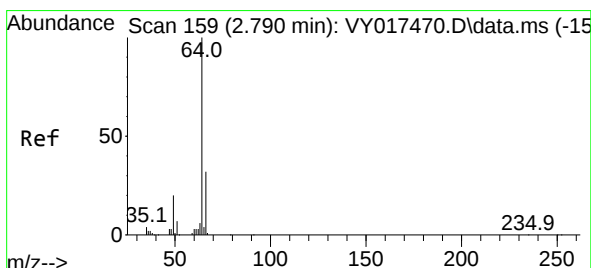
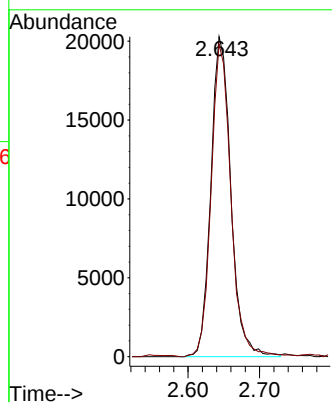
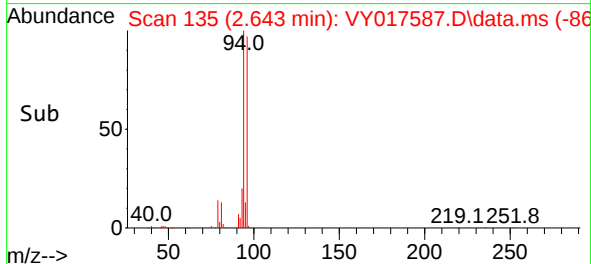
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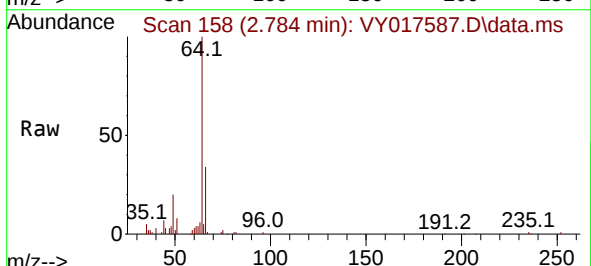
Tgt Ion: 94 Resp: 39328
Ion Ratio Lower Upper
94 100
96 97.7 74.1 111.1

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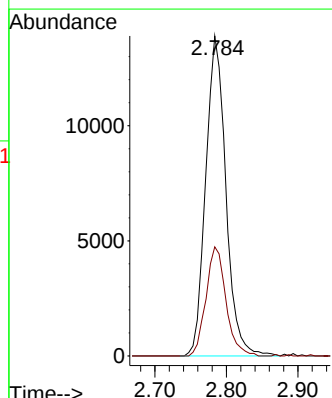
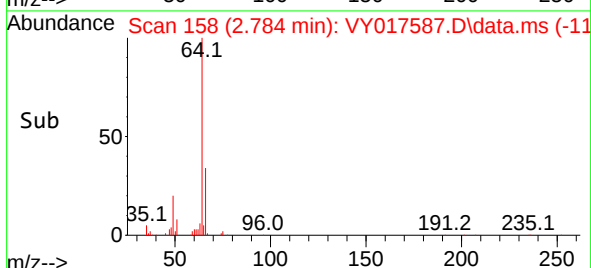
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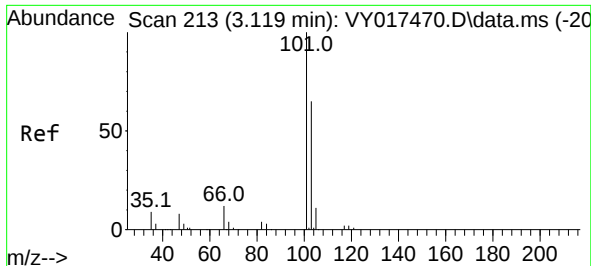


#6
Chloroethane
Concen: 19.112 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24



Tgt Ion: 64 Resp: 27239
Ion Ratio Lower Upper
64 100
66 34.1 26.1 39.1





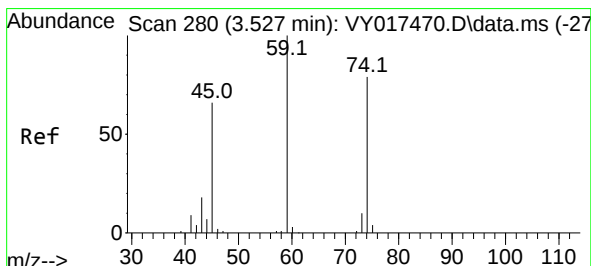
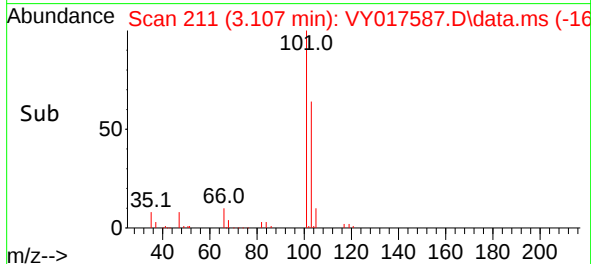
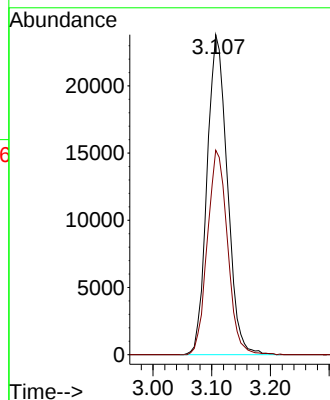
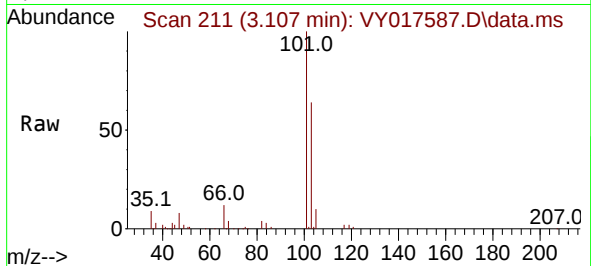
#7
 Trichlorofluoromethane
 Concen: 24.770 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.012 min
 Lab File: VY017587.D
 Acq: 06 Mar 2024 12:24

Instrument :
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Tgt Ion:101 Resp: 57034
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.3 73.9

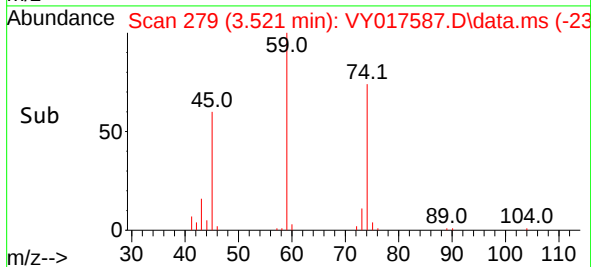
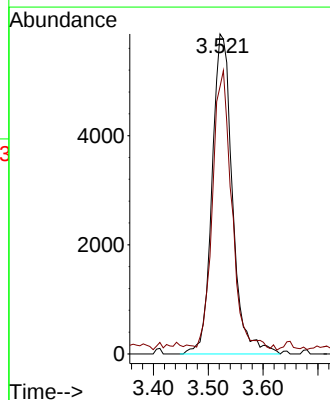
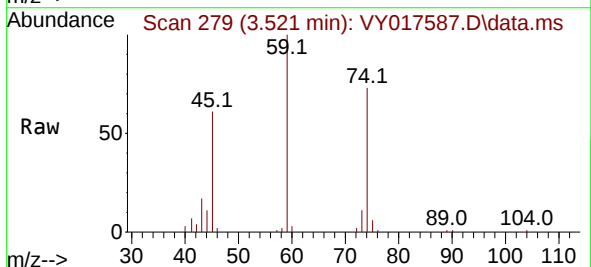
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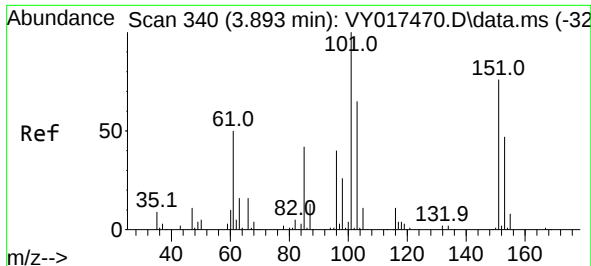
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#8
 Diethyl Ether
 Concen: 22.417 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017587.D
 Acq: 06 Mar 2024 12:24

Tgt Ion: 74 Resp: 15139
 Ion Ratio Lower Upper
 74 100
 45 81.3 41.3 124.1





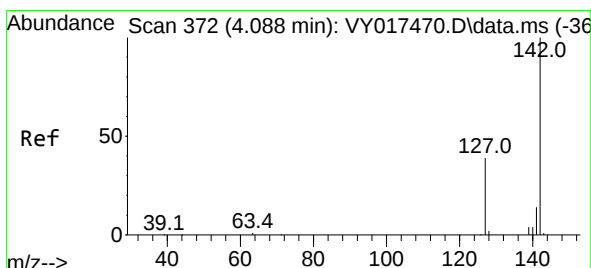
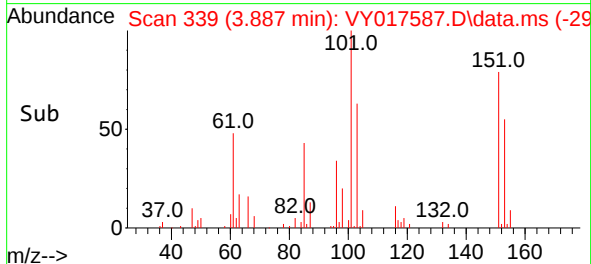
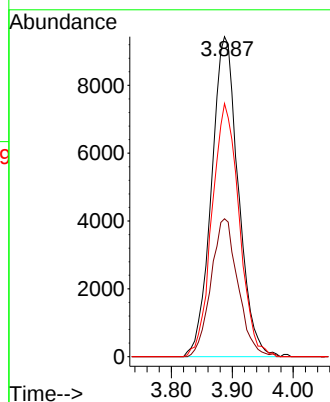
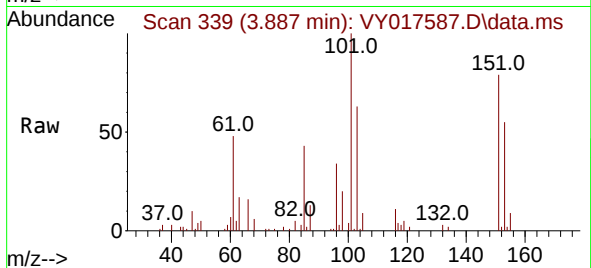
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.838 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion:101 Resp: 2892
Ion Ratio Lower Upper
101 100
85 43.2 34.5 51.7
151 79.9 61.7 92.5

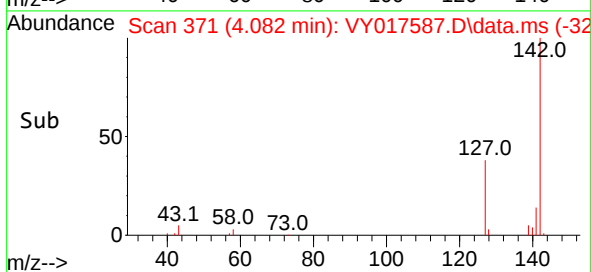
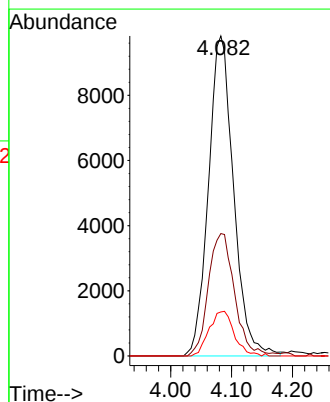
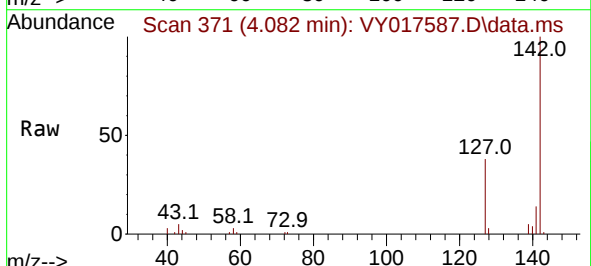
Manual Integrations
APPROVED

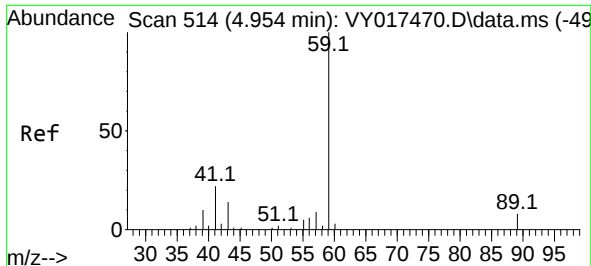
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#10
Methyl Iodide
Concen: 18.932 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

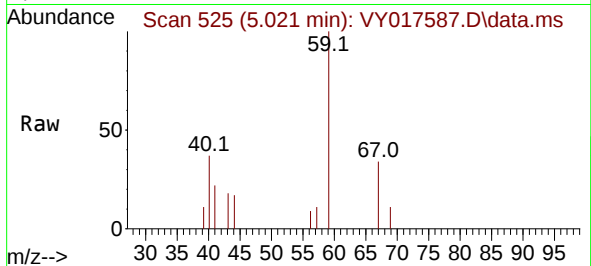
Tgt Ion:142 Resp: 28139
Ion Ratio Lower Upper
142 100
127 40.0 32.8 49.2
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 67.823 ug/l m
RT: 5.021 min Scan# 514
Delta R.T. 0.067 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

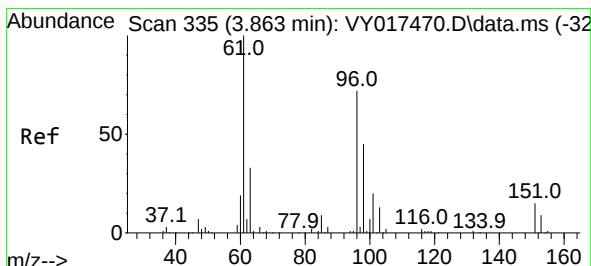
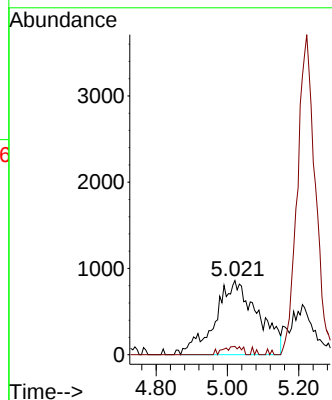
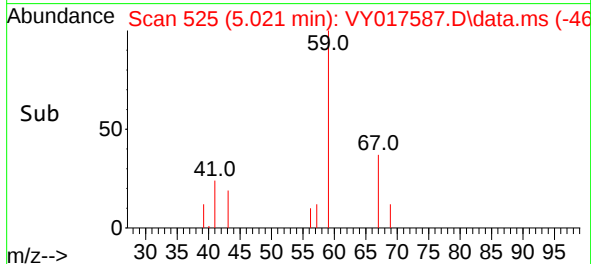
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 59 Resp: 7134
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6

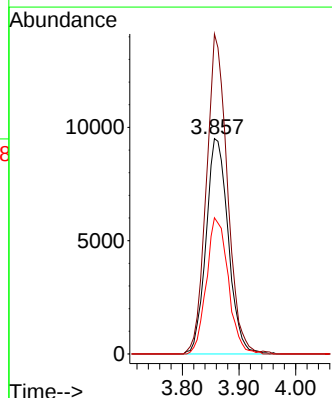
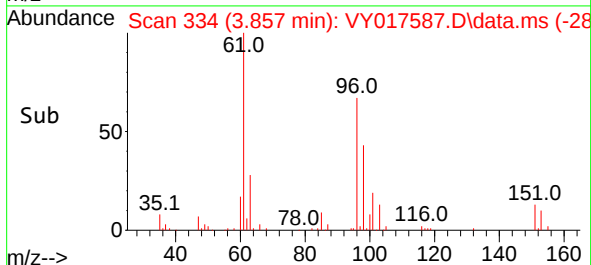
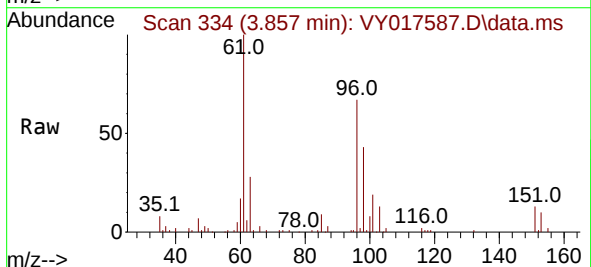
Manual Integrations
APPROVED

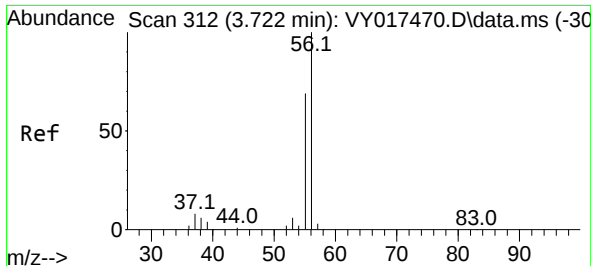
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#12
1,1-Dichloroethene
Concen: 20.949 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion: 96 Resp: 25857
Ion Ratio Lower Upper
96 100
61 148.6 114.6 171.8
98 63.2 50.8 76.2





#13

Acrolein

Concen: 91.960 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 56 Resp: 1276

Ion Ratio Lower Upper

56 100

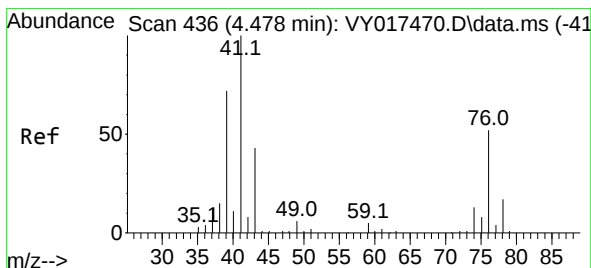
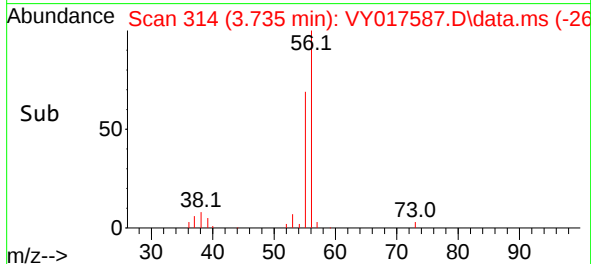
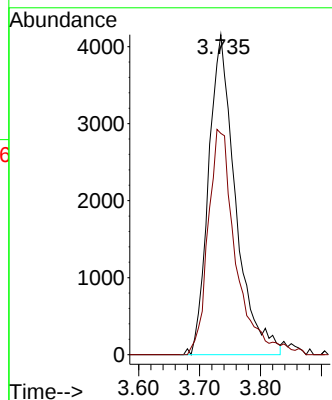
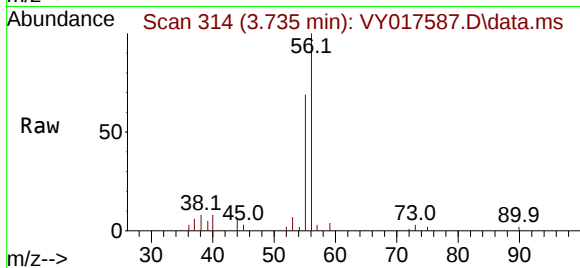
55 72.6 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#14

Allyl chloride

Concen: 20.799 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

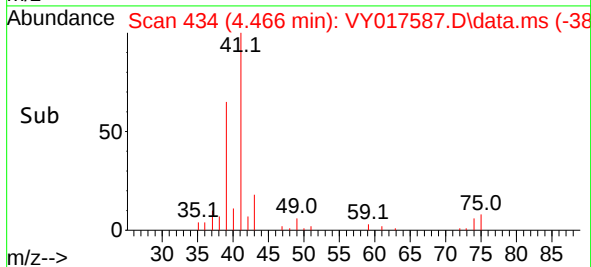
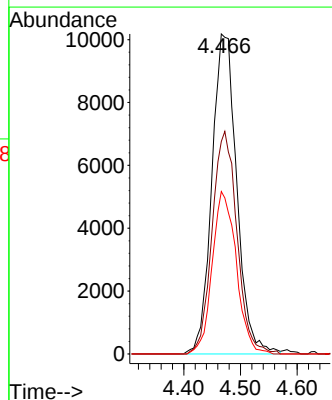
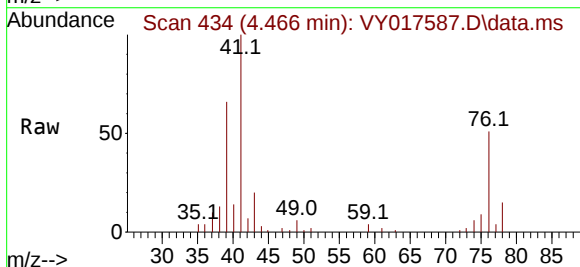
Tgt Ion: 41 Resp: 31019

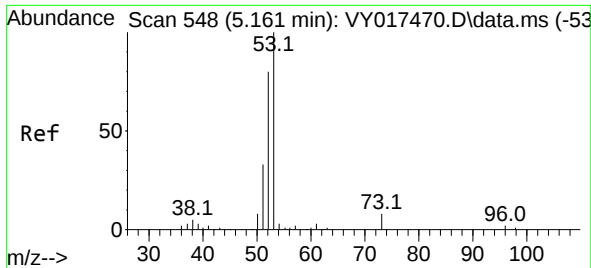
Ion Ratio Lower Upper

41 100

39 69.6 58.3 87.5

76 49.1 39.0 58.6





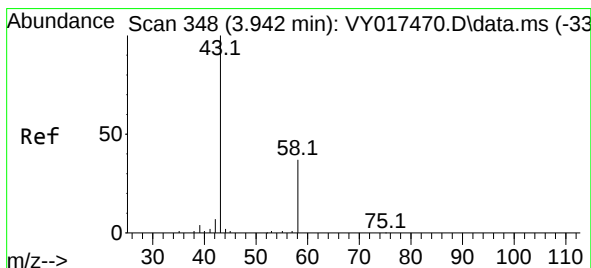
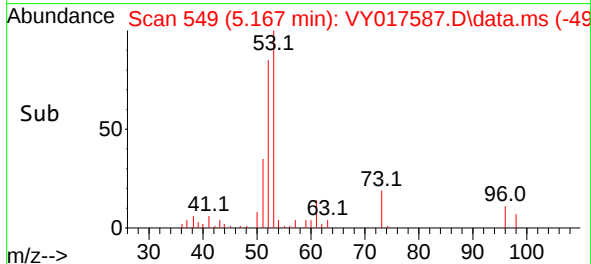
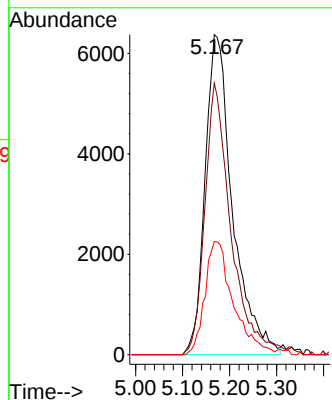
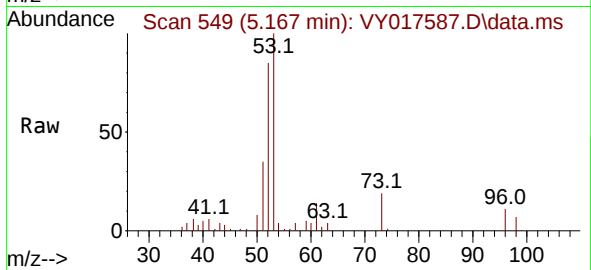
#15
Acrylonitrile
Concen: 93.221 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 53 Resp: 25880
Ion Ratio Lower Upper
53 100
52 80.4 64.7 97.1
51 36.5 28.4 42.6

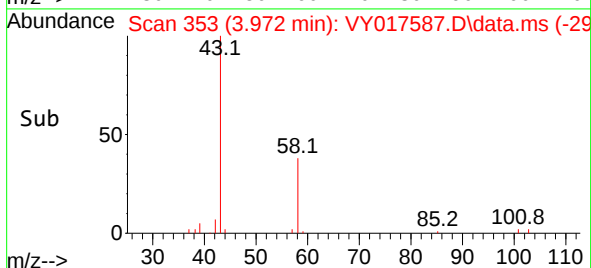
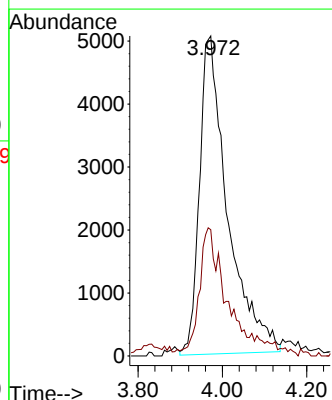
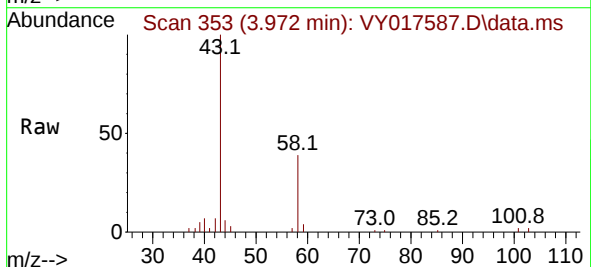
Manual Integrations
APPROVED

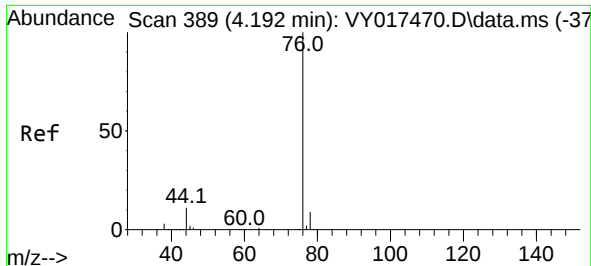
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#16
Acetone
Concen: 97.789 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion: 43 Resp: 23487
Ion Ratio Lower Upper
43 100
58 38.4 31.7 47.5





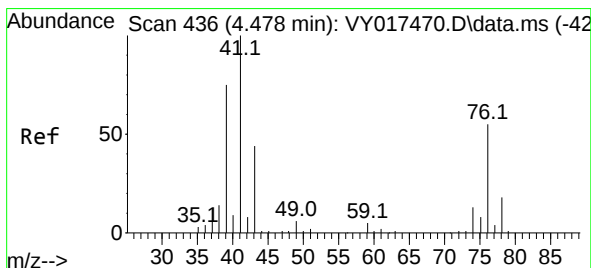
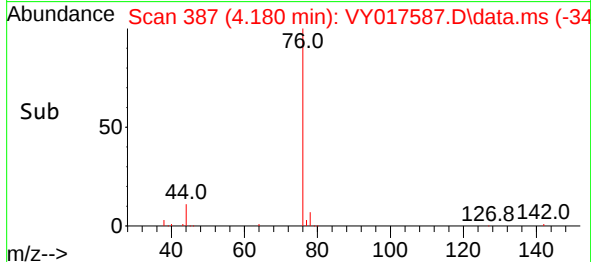
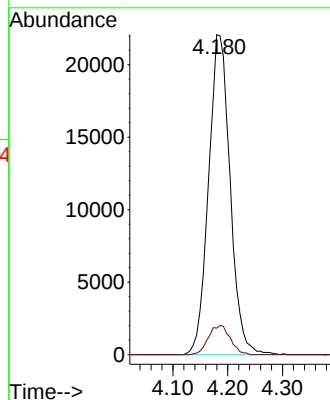
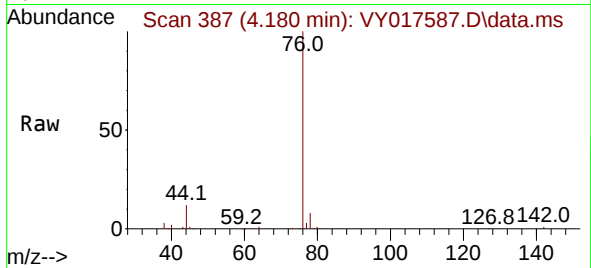
#17
Carbon Disulfide
Concen: 16.242 ug/l
RT: 4.180 min Scan# 389
Delta R.T. -0.012 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 76 Resp: 6017
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2

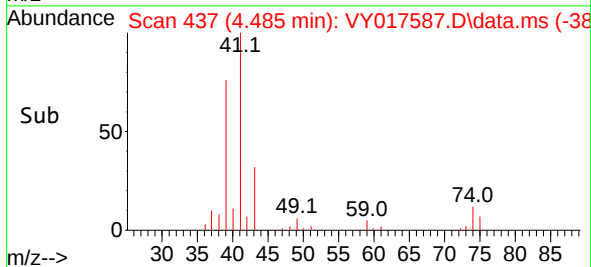
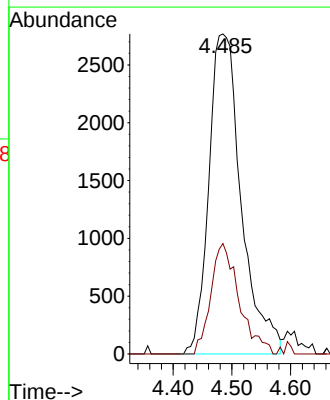
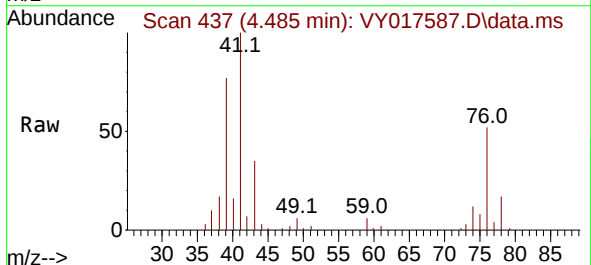
Manual Integrations
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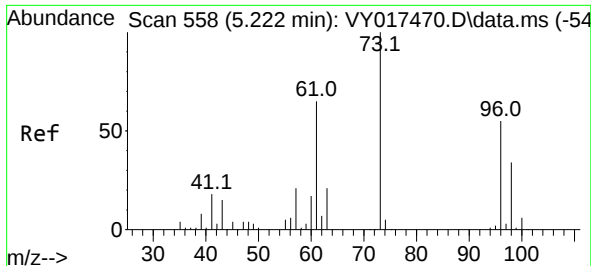
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#18
Methyl Acetate
Concen: 18.236 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion: 43 Resp: 10626
Ion Ratio Lower Upper
43 100
74 30.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 21.447 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBSD02

Tgt Ion: 73 Resp: 61700

Ion Ratio Lower Upper

73 100

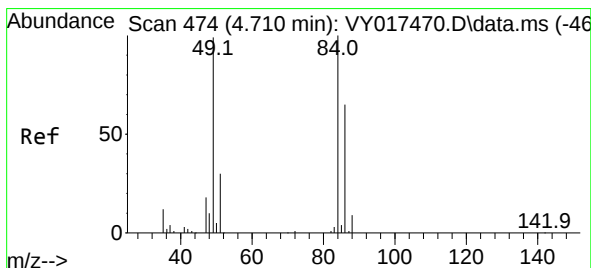
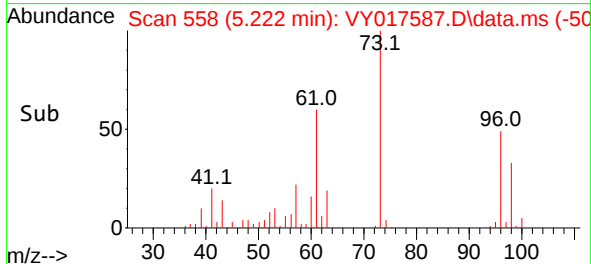
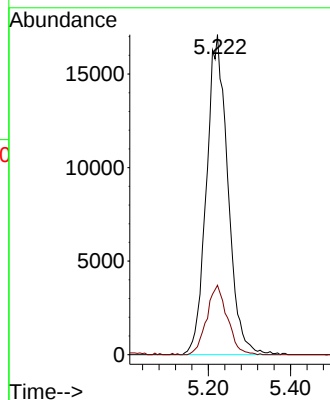
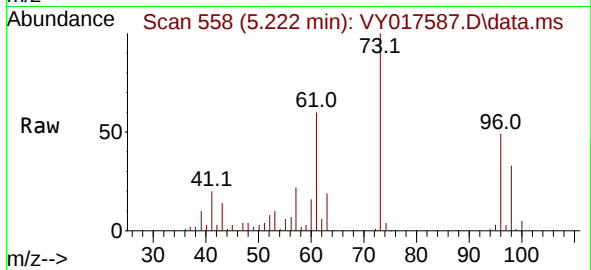
57 21.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#20

Methylene Chloride

Concen: 20.555 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Tgt Ion: 84 Resp: 33558

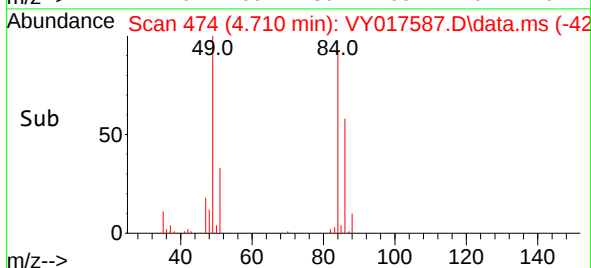
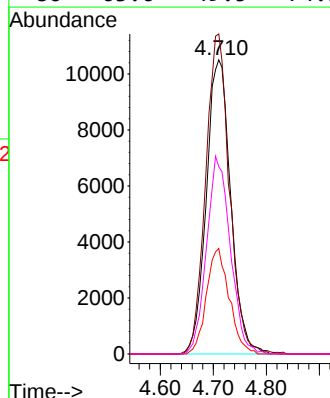
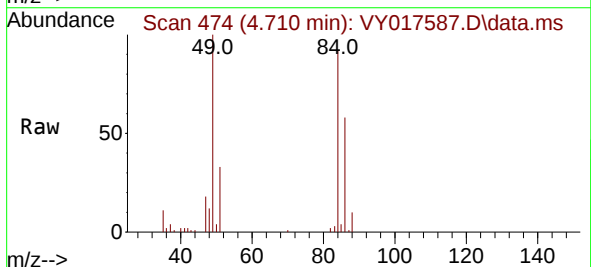
Ion Ratio Lower Upper

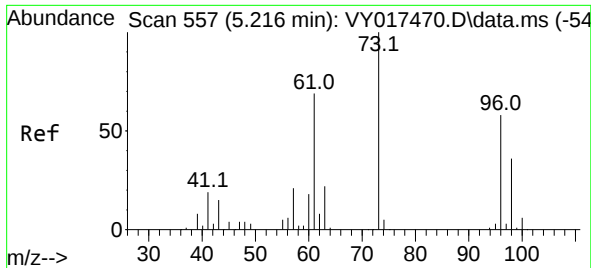
84 100

49 108.8 84.4 126.6

51 35.8 26.0 39.0

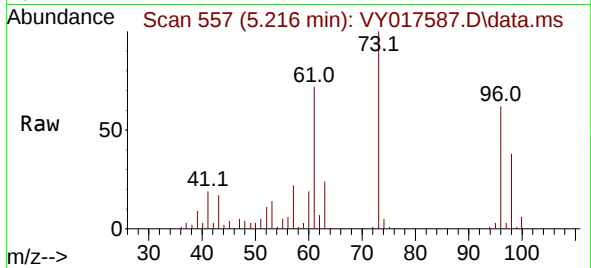
86 63.6 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 20.404 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

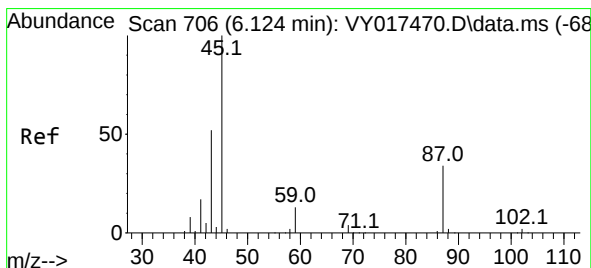
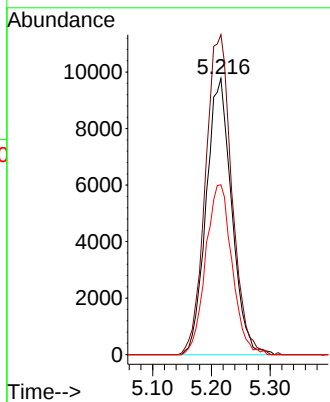
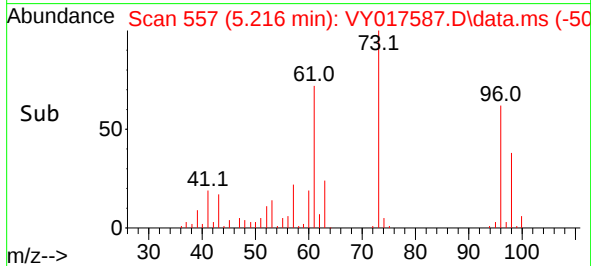
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



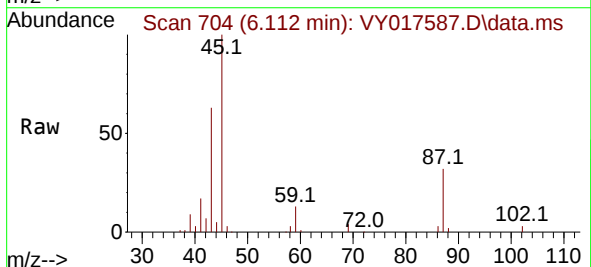
Tgt Ion: 96 Resp: 2948
Ion Ratio Lower Upper
96 100
61 115.9 97.5 146.3
98 61.5 50.5 75.7

Manual Integrations
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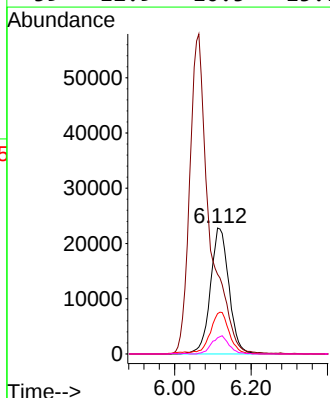
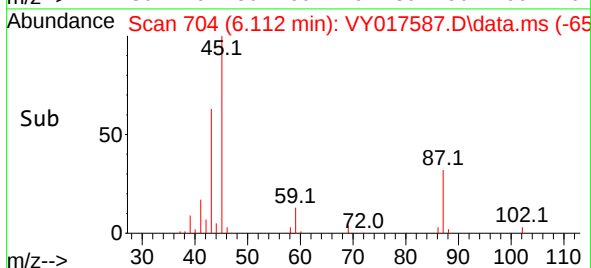
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

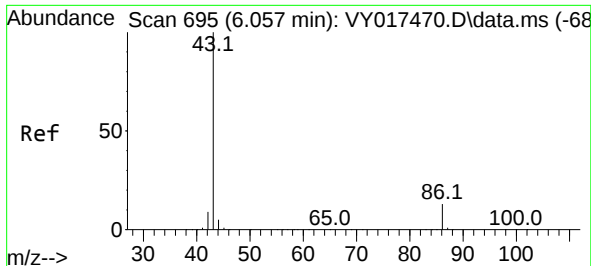


#22
Diisopropyl ether
Concen: 22.241 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24



Tgt Ion: 45 Resp: 76543
Ion Ratio Lower Upper
45 100
43 62.7 42.2 63.2
87 32.1 25.0 37.6
59 12.9 10.5 15.7





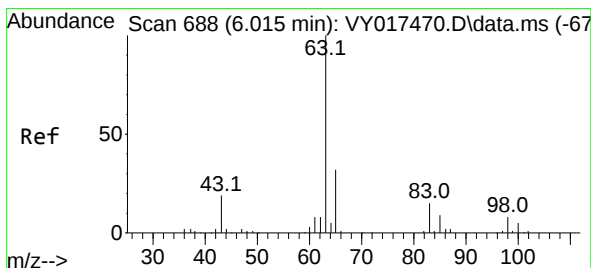
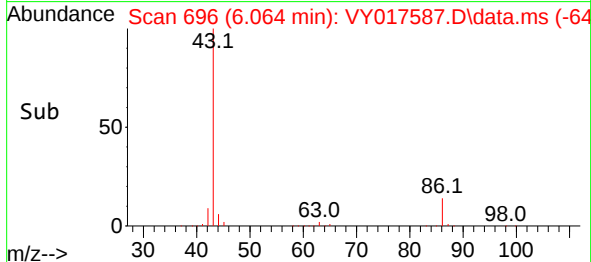
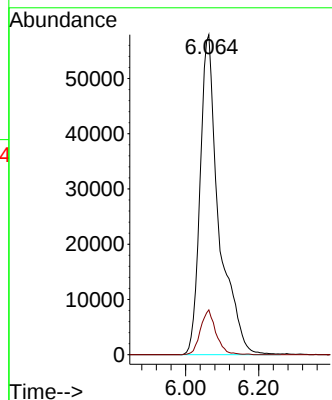
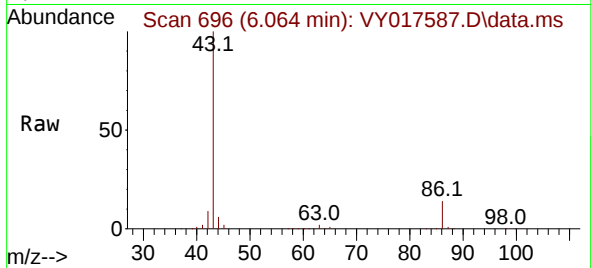
#23
 Vinyl Acetate
 Concen: 101.191 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY017587.D
 Acq: 06 Mar 2024 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBSD02

Tgt Ion: 43 Resp: 207518
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0

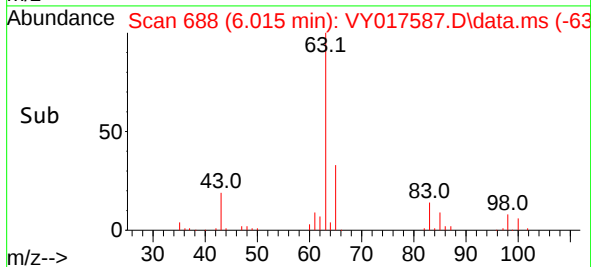
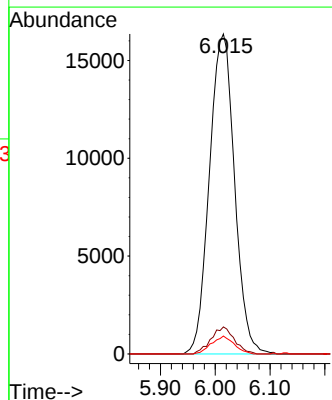
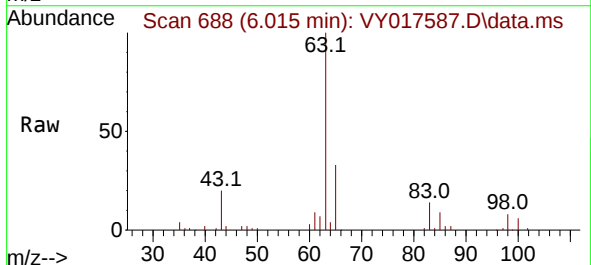
Manual Integrations
 APPROVED

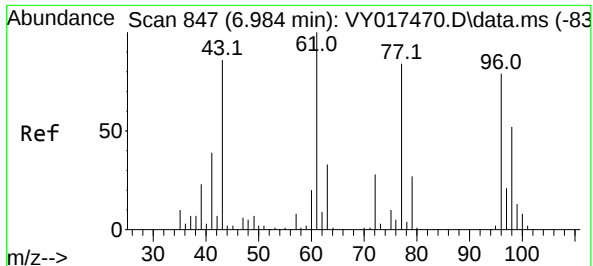
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#24
 1,1-Dichloroethane
 Concen: 22.144 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017587.D
 Acq: 06 Mar 2024 12:24

Tgt Ion: 63 Resp: 52064
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 12.2
 100 5.6 2.6 8.0





#25

2-Butanone

Concen: 89.723 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 43 Resp: 3071

Ion Ratio Lower Upper

43 100

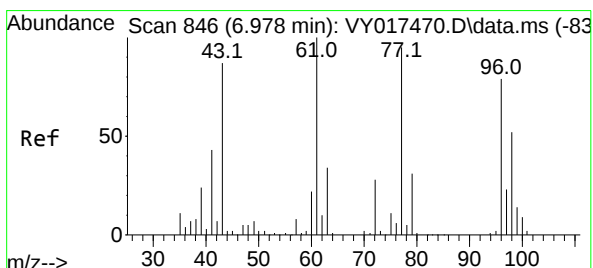
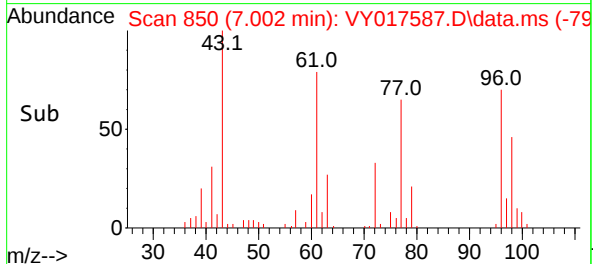
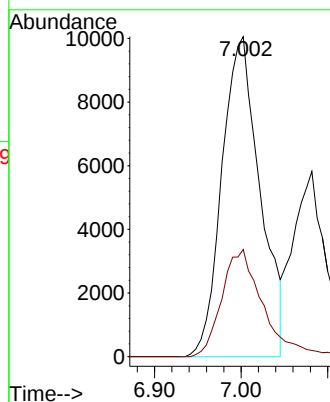
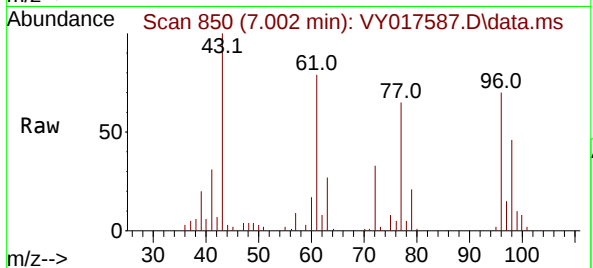
72 33.5 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#26

2,2-Dichloropropane

Concen: 21.718 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017587.D

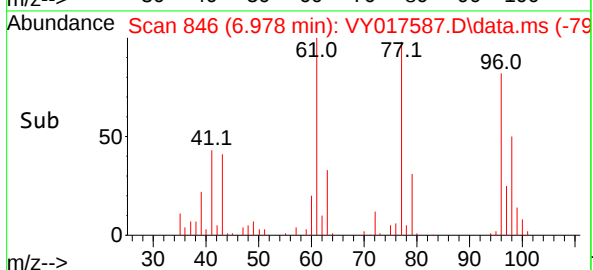
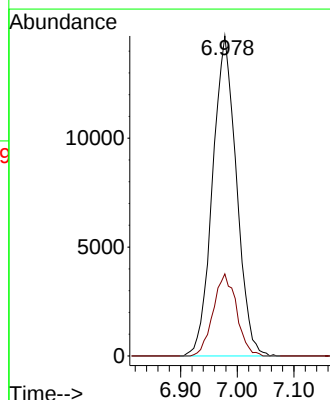
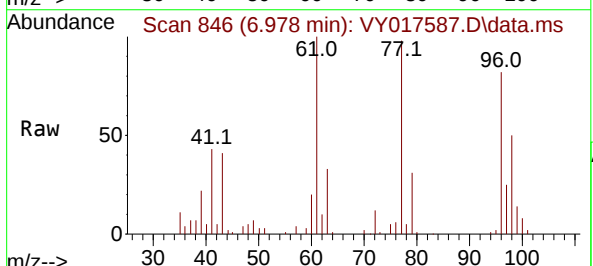
Acq: 06 Mar 2024 12:24

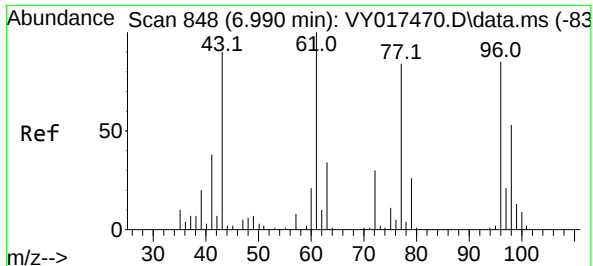
Tgt Ion: 77 Resp: 42932

Ion Ratio Lower Upper

77 100

97 25.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.380 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 96 Resp: 34692

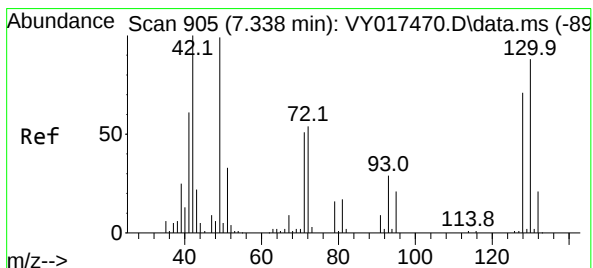
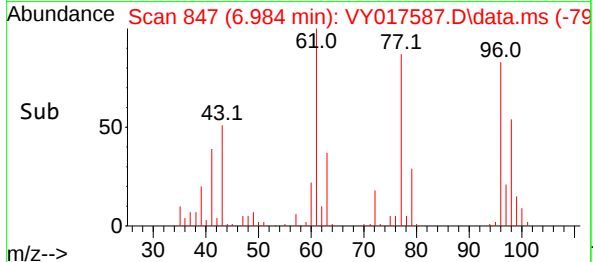
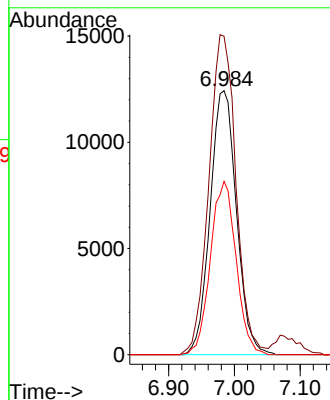
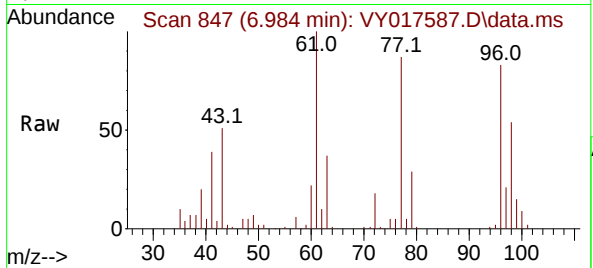
Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	256.2
98	64.0	0.0	130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#28

Bromochloromethane

Concen: 19.425 ug/l

RT: 7.332 min Scan# 904

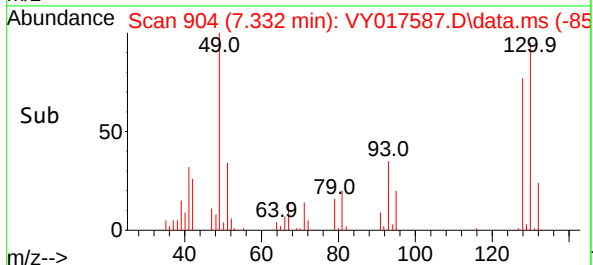
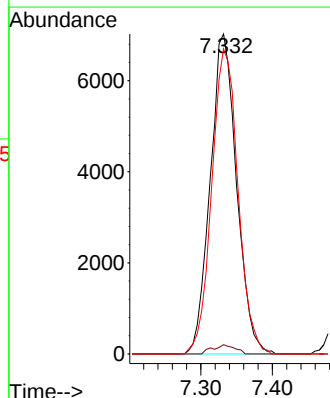
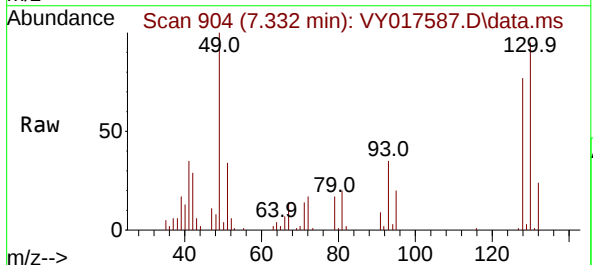
Delta R.T. -0.006 min

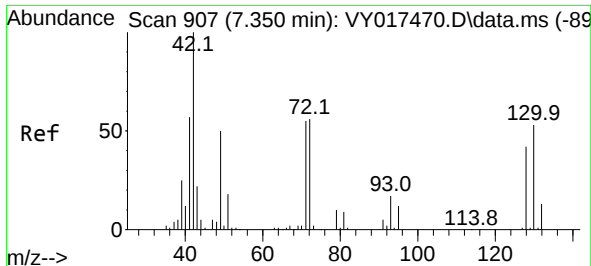
Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Tgt Ion: 49 Resp: 17987

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	95.0	72.7	109.1





#29

Tetrahydrofuran

Concen: 87.873 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

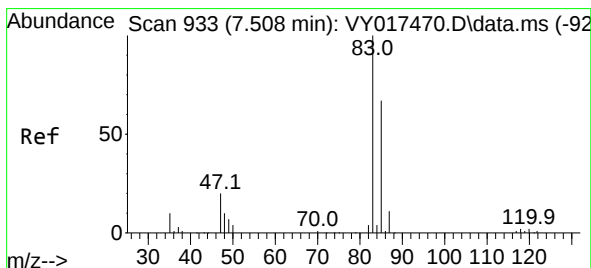
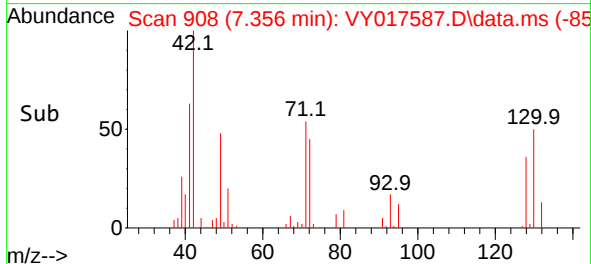
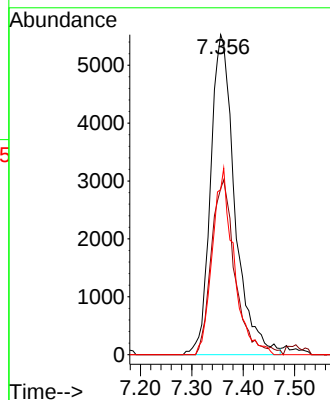
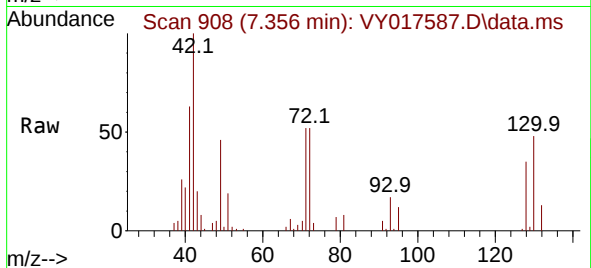
Tgt Ion: 42	Resp: 1813
Ion Ratio	Lower Upper
42	100
72	53.6 43.0 64.4
71	51.6 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#30

Chloroform

Concen: 22.619 ug/l

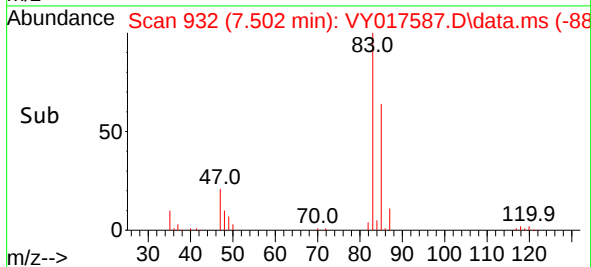
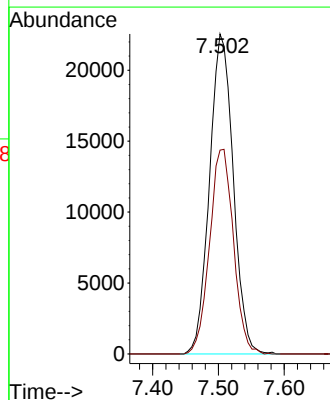
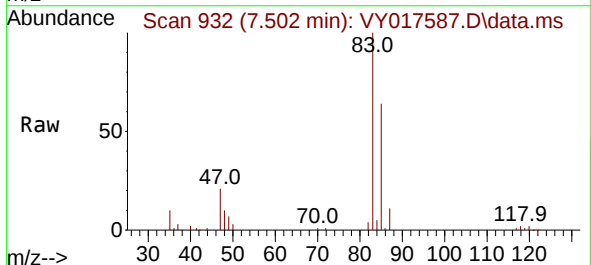
RT: 7.502 min Scan# 932

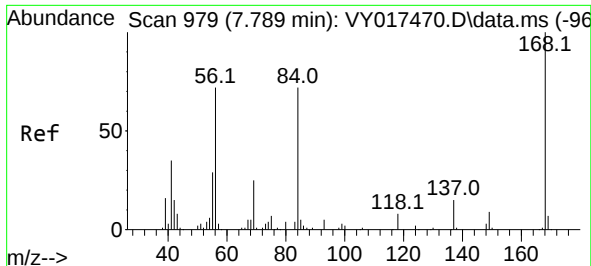
Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

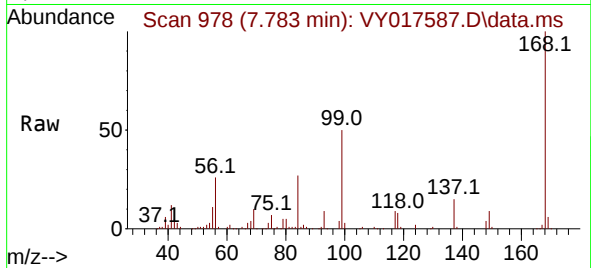
Tgt Ion: 83	Resp: 56621
Ion Ratio	Lower Upper
83	100
85	63.7 52.2 78.4





#31
Cyclohexane
Concen: 18.826 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

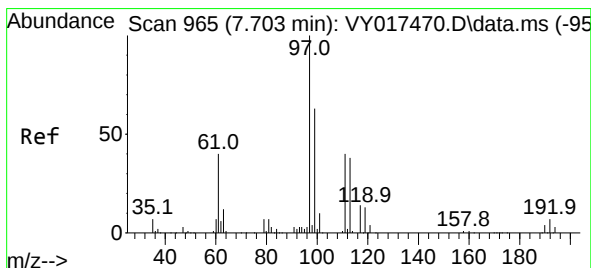
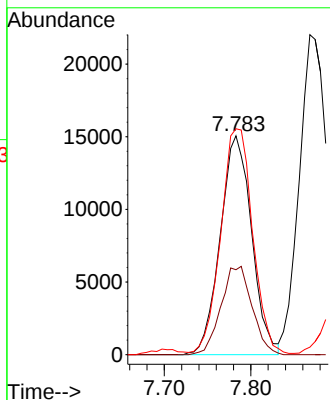
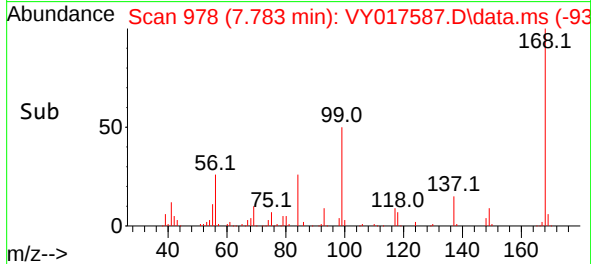
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 56 Resp: 37939
Ion Ratio Lower Upper
56 100
69 38.8 28.7 43.1
84 101.9 77.7 116.5

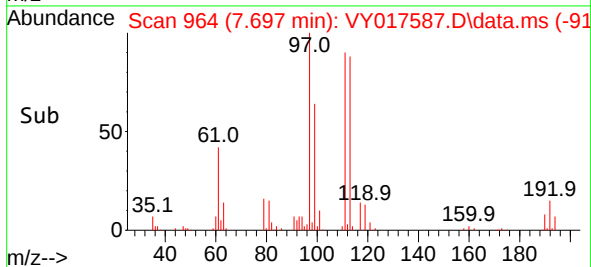
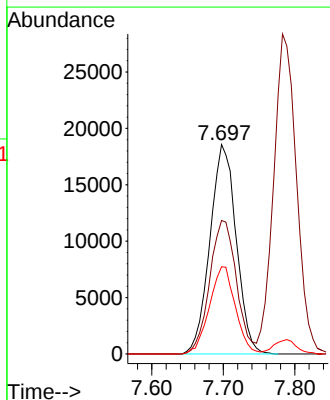
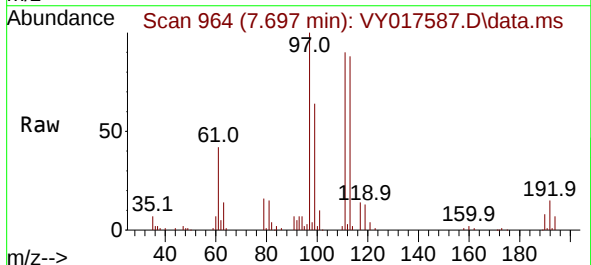
Manual Integrations
APPROVED

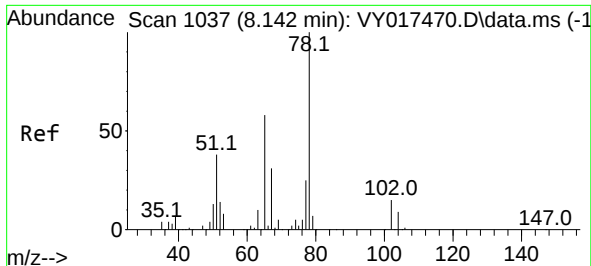
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#32
1,1,1-Trichloroethane
Concen: 21.793 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion: 97 Resp: 47361
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 41.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.749 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 65 Resp: 65319

Ion Ratio Lower Upper

65 100

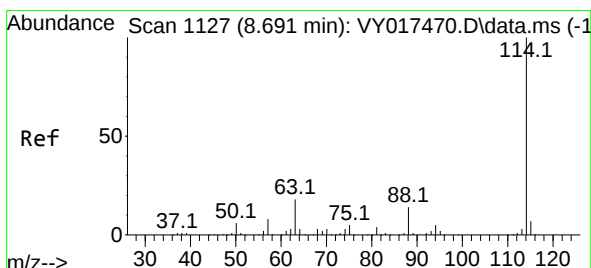
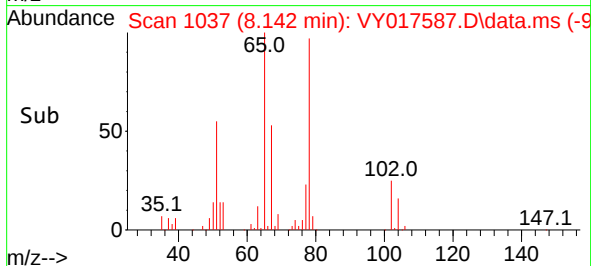
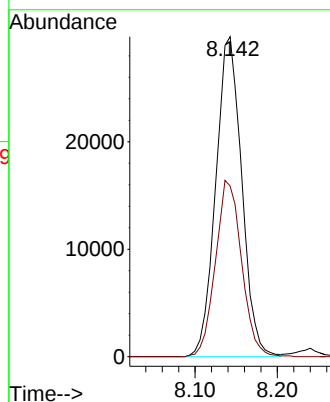
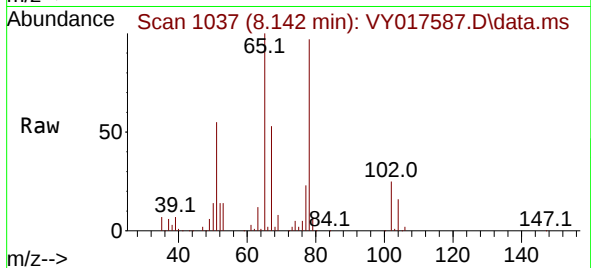
67 55.4 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

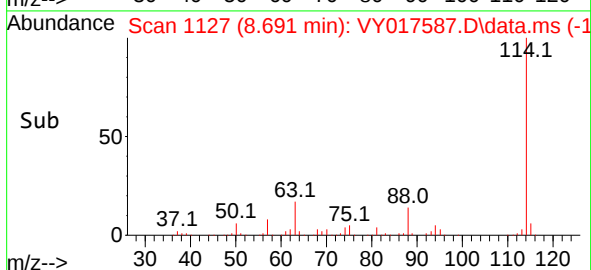
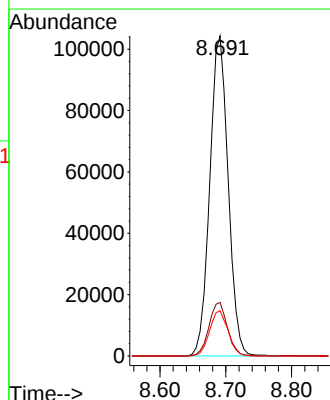
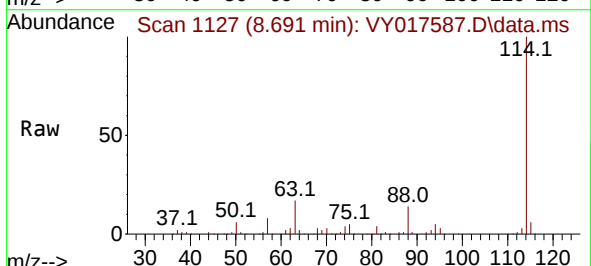
Tgt Ion:114 Resp: 202752

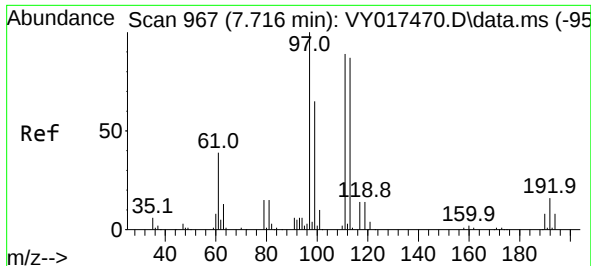
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

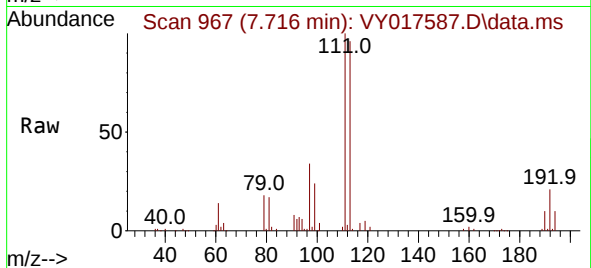
88 14.2 0.0 27.2





#35
Dibromofluoromethane
Concen: 54.952 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

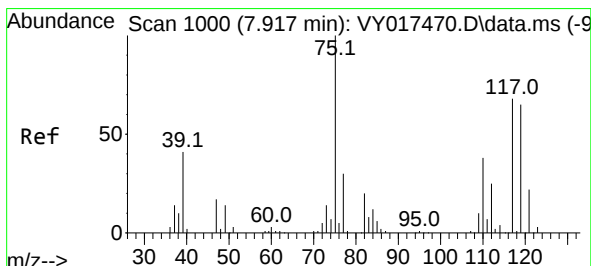
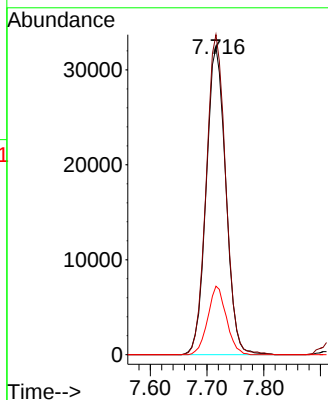
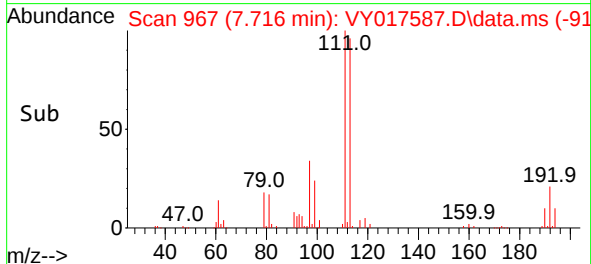
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



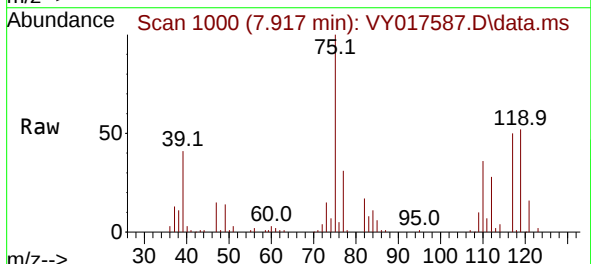
Tgt Ion:113 Resp: 77638
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 21.2 15.9 23.9

Manual Integrations
APPROVED

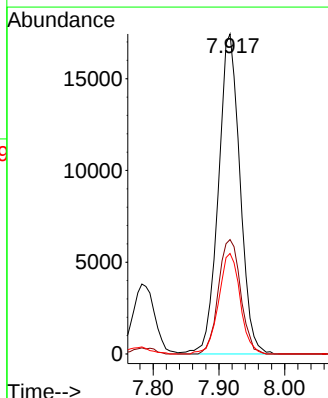
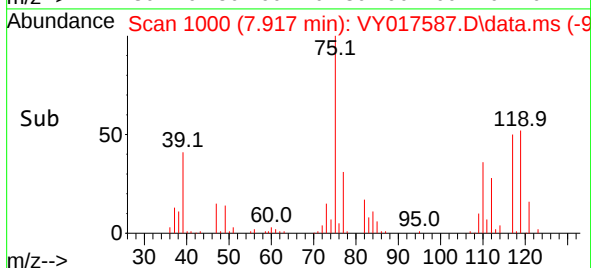
Reviewed By :John Carbone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

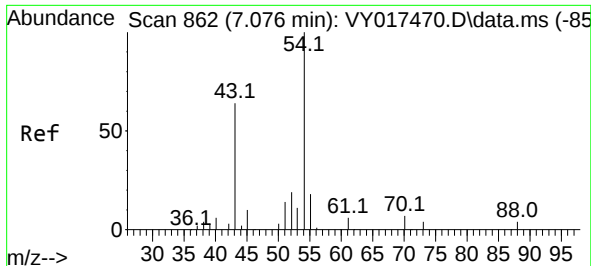


#36
1,1-Dichloropropene
Concen: 20.890 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24



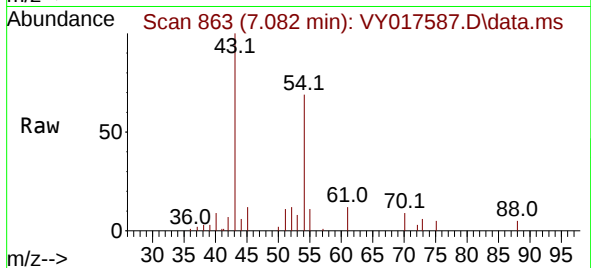
Tgt Ion: 75 Resp: 39822
Ion Ratio Lower Upper
75 100
110 36.8 19.0 57.0
77 31.3 25.3 37.9





#37
Ethyl Acetate
Concen: 22.290 ug/l
RT: 7.082 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

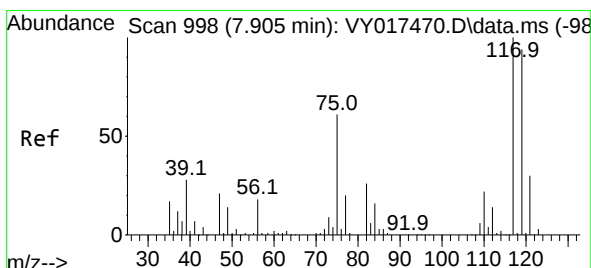
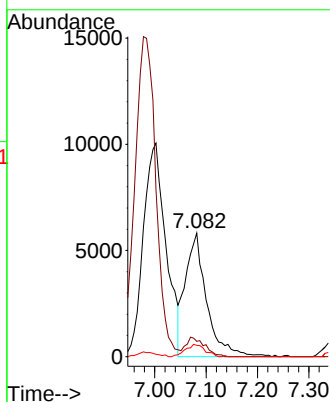
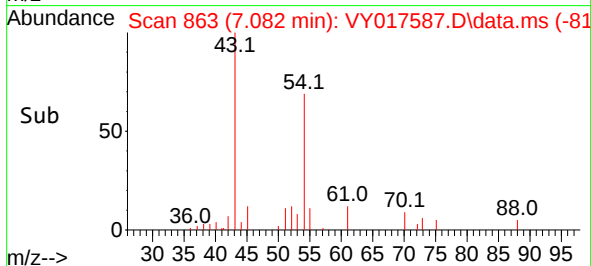
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



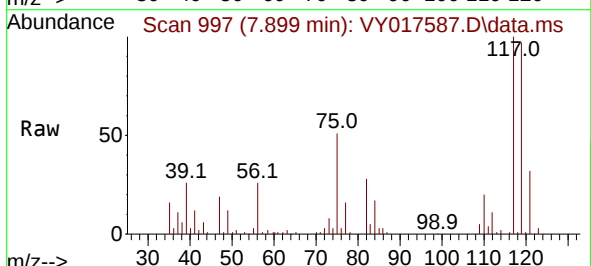
Tgt Ion: 43 Resp: 1678
Ion Ratio Lower Upper
43 100
61 13.6 12.6 19.0
70 9.0 7.8 11.8

Manual Integrations
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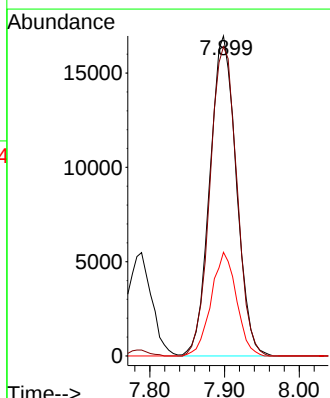
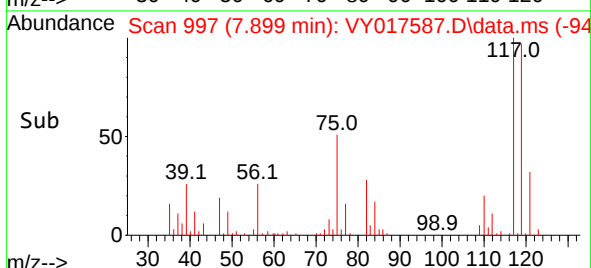
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

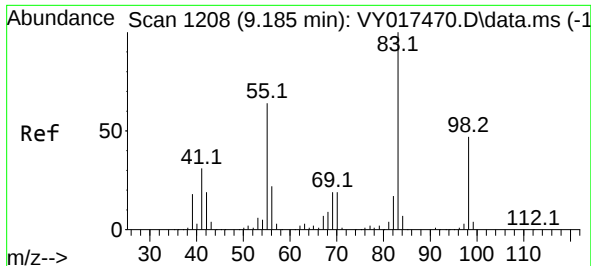


#38
Carbon Tetrachloride
Concen: 21.851 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24



Tgt Ion:117 Resp: 41746
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 32.4 24.0 36.0





#39

Methylcyclohexane

Concen: 18.781 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 83 Resp: 43025

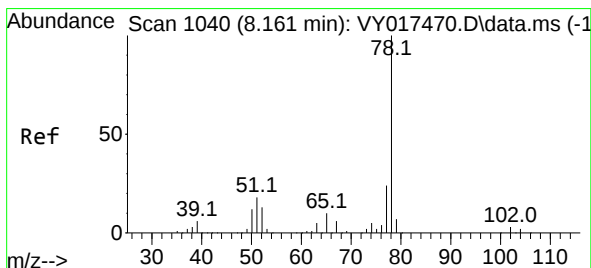
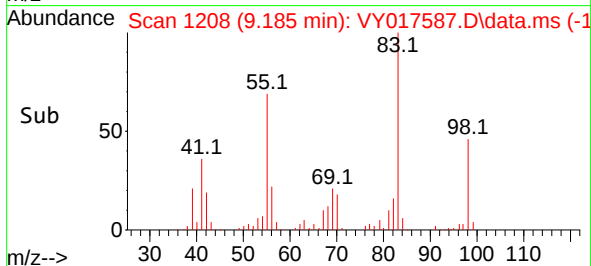
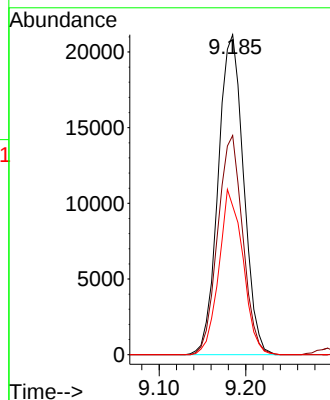
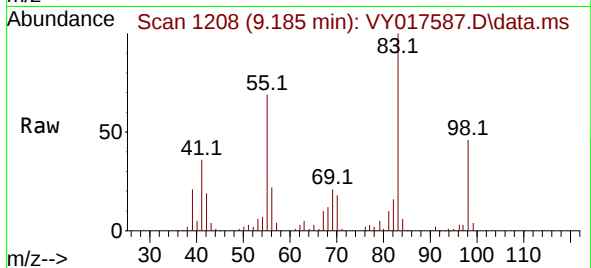
Ion	Ratio	Lower	Upper
83	100		
55	68.5	51.5	77.3
98	46.4	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#40

Benzene

Concen: 21.527 ug/l

RT: 8.161 min Scan# 1040

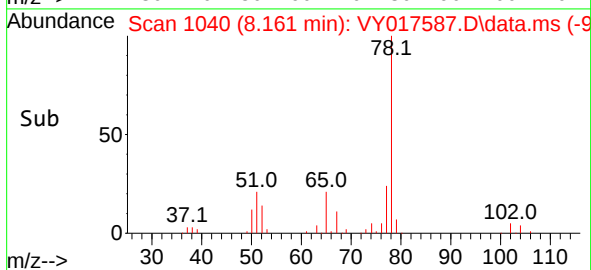
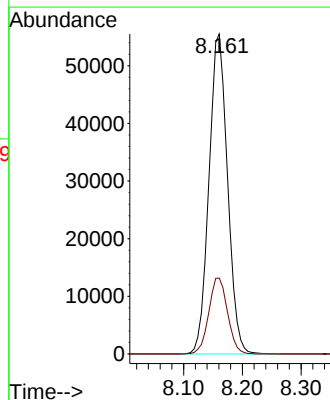
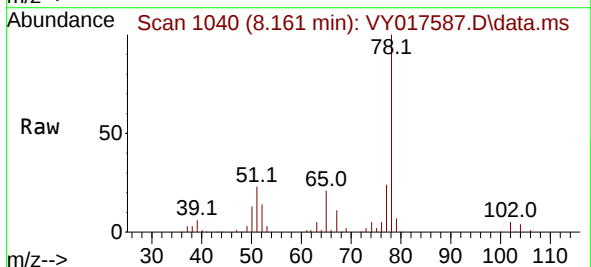
Delta R.T. 0.000 min

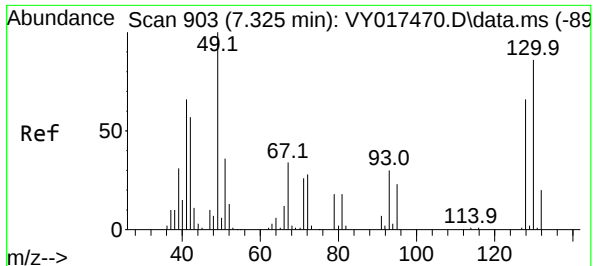
Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Tgt Ion: 78 Resp: 121866

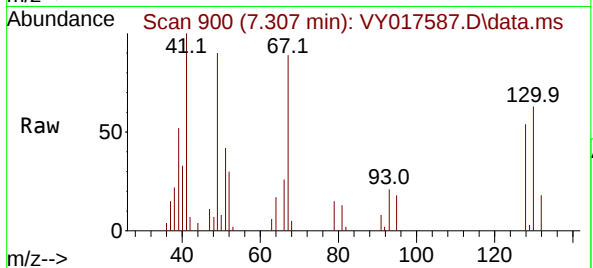
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.5	29.3





#41
Methacrylonitrile
Concen: 17.707 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

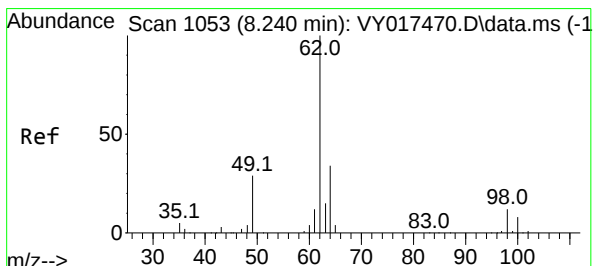
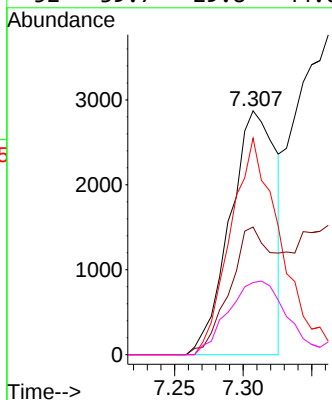
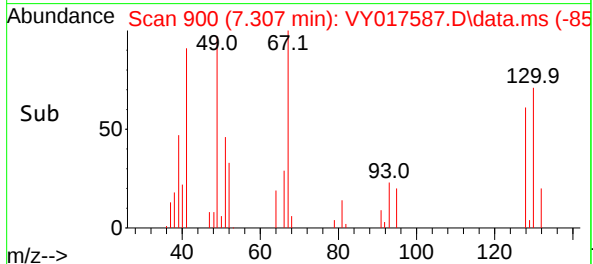
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 41 Resp: 6690
Ion Ratio Lower Upper
41 100
39 50.8 48.0 72.0
67 98.2 75.1 112.7
52 39.7 29.8 44.6

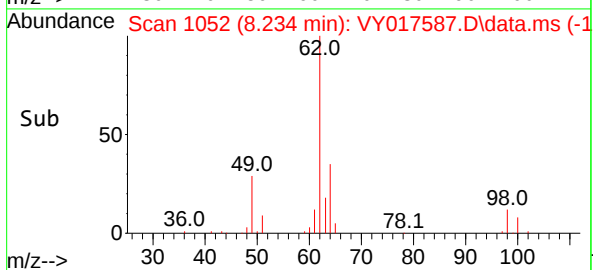
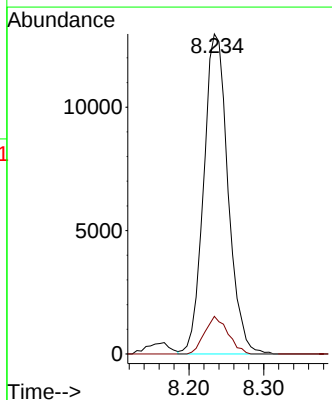
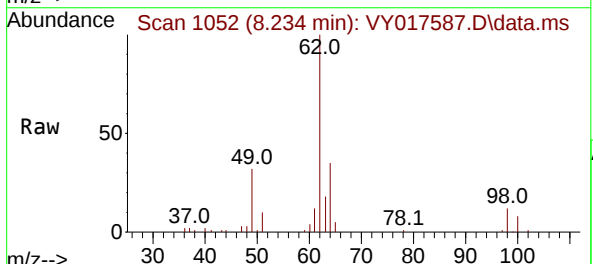
Manual Integrations
APPROVED

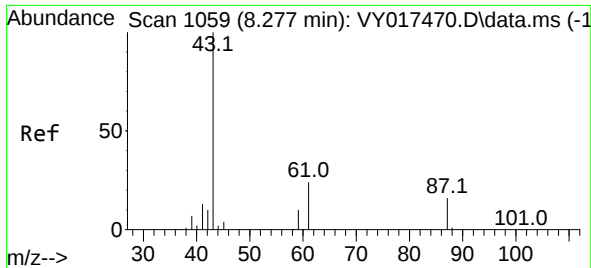
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#42
1,2-Dichloroethane
Concen: 21.230 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

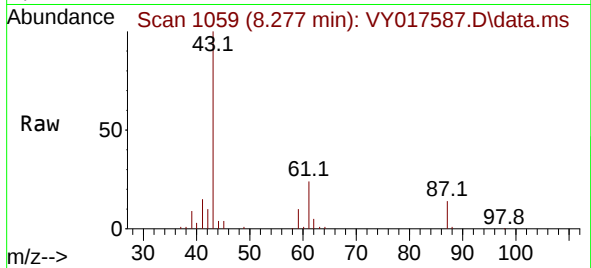
Tgt Ion: 62 Resp: 29323
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0





#43
Isopropyl Acetate
Concen: 20.403 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

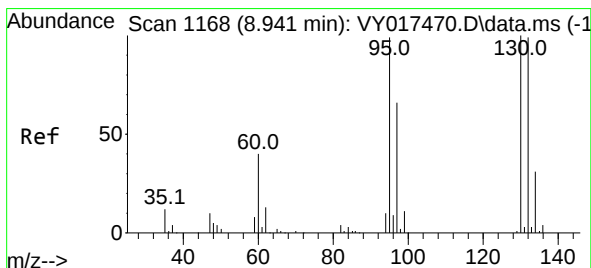
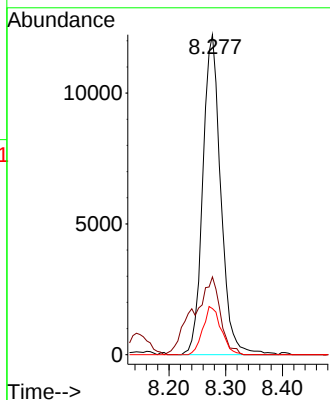
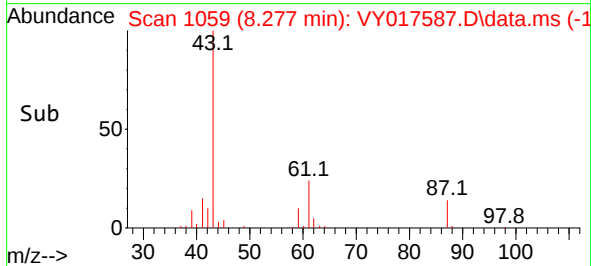
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 43 Resp: 26994
Ion Ratio Lower Upper
43 100
61 36.3 27.9 41.9
87 15.2 13.1 19.7

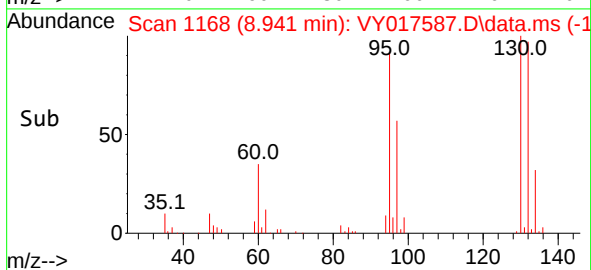
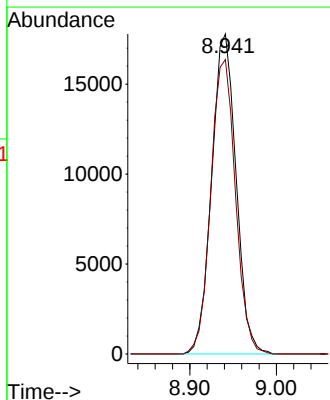
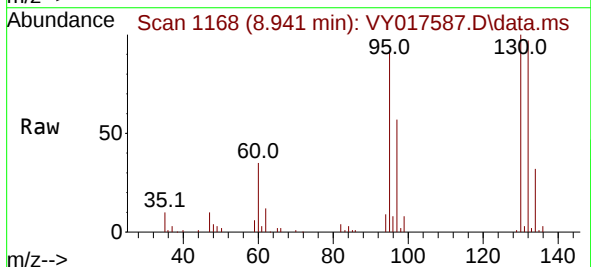
Manual Integrations
APPROVED

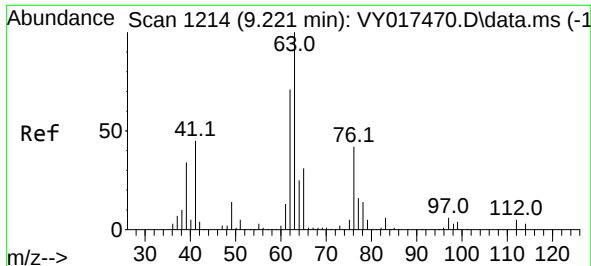
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#44
Trichloroethene
Concen: 21.308 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion:130 Resp: 34768
Ion Ratio Lower Upper
130 100
95 92.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.574 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 63 Resp: 3040

Ion Ratio Lower Upper

63 100

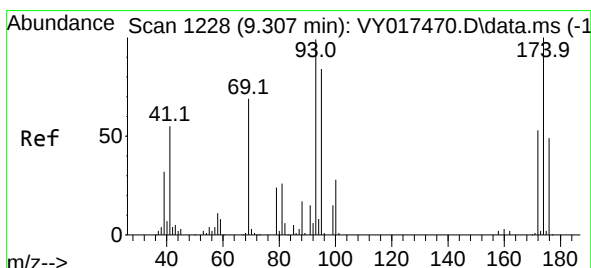
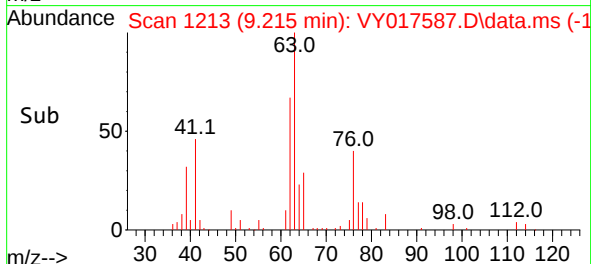
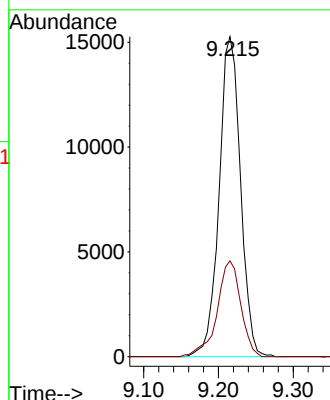
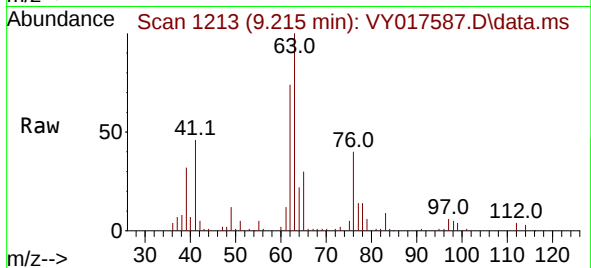
65 29.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#46

Dibromomethane

Concen: 21.412 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

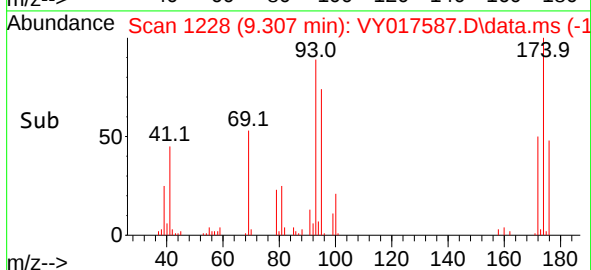
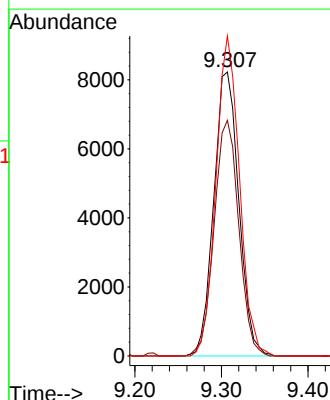
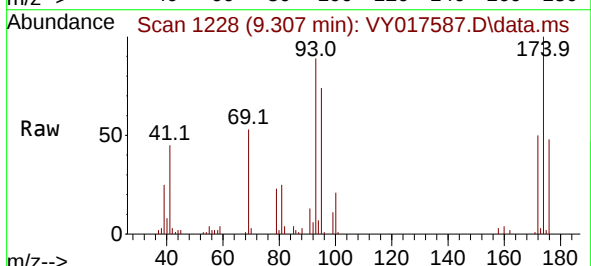
Tgt Ion: 93 Resp: 16504

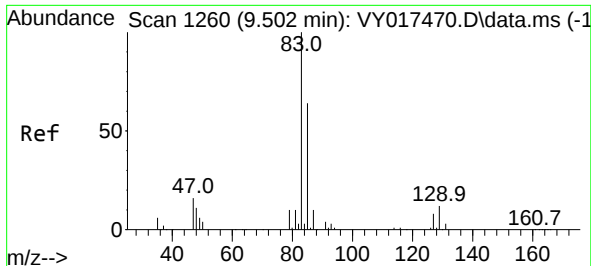
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 106.0 80.9 121.3





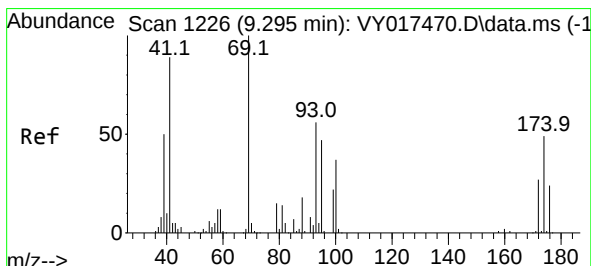
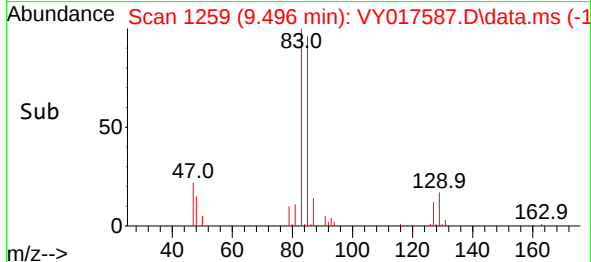
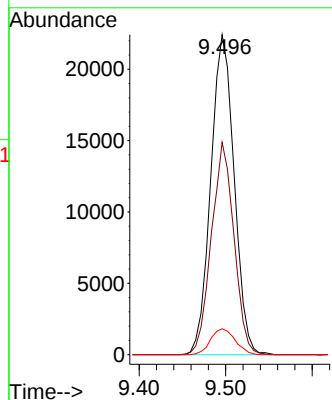
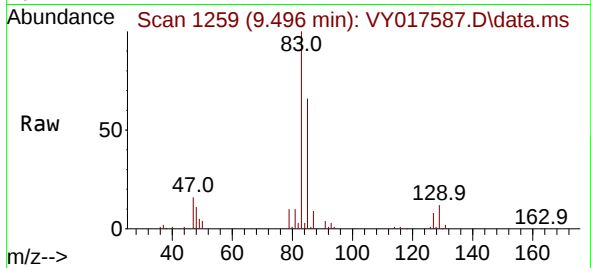
#47
Bromodichloromethane
Concen: 22.437 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 83 Resp: 4199
Ion Ratio Lower Upper
83 100
85 66.4 50.1 75.1
127 8.1 7.4 11.0

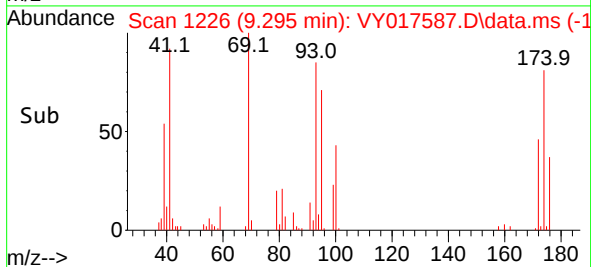
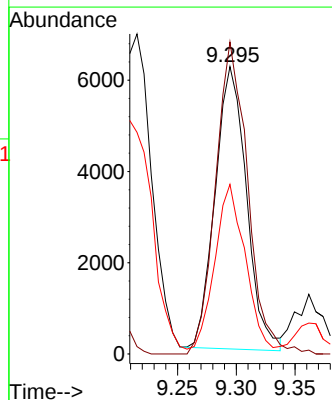
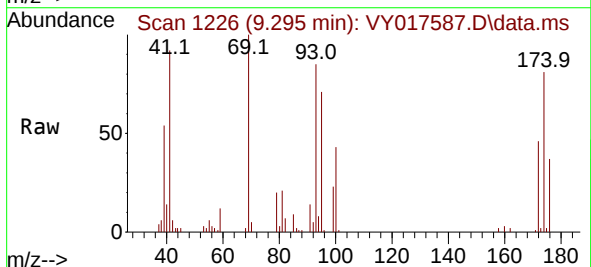
Manual Integrations
APPROVED

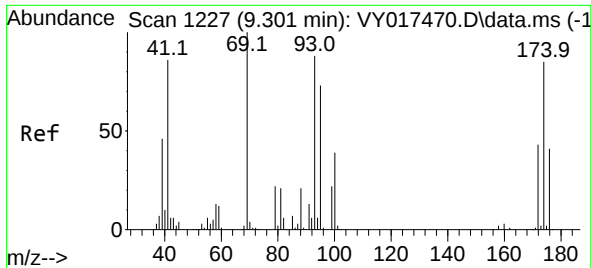
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#48
Methyl methacrylate
Concen: 18.744 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

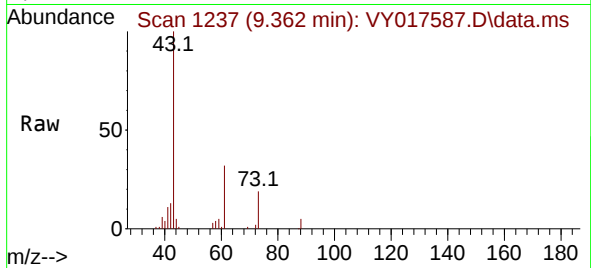
Tgt Ion: 41 Resp: 11479
Ion Ratio Lower Upper
41 100
69 113.6 84.1 126.1
39 56.2 43.6 65.4





#49
1,4-Dioxane
Concen: 381.739 ug/l m
RT: 9.362 min Scan# 1
Delta R.T. 0.061 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

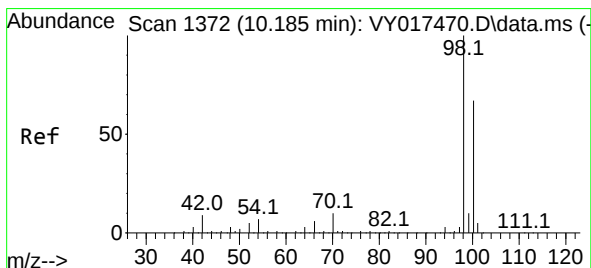
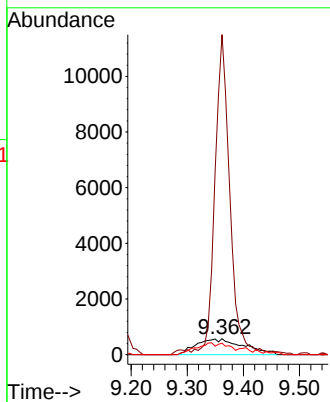
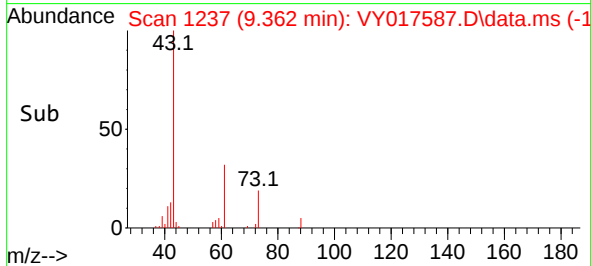
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 88 Resp: 3330
Ion Ratio Lower Upper
88 100
43 643.3 0.0 0.0
58 30.6 49.3 73.9

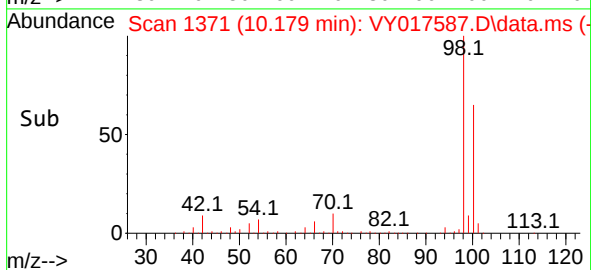
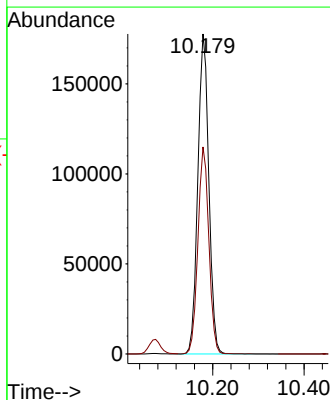
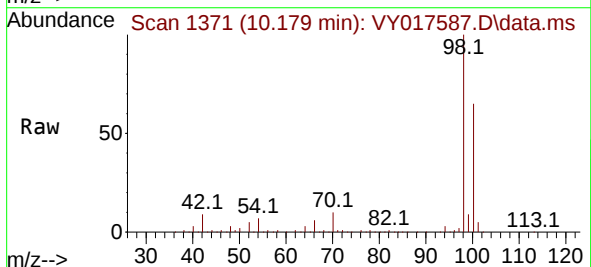
Manual Integrations
APPROVED

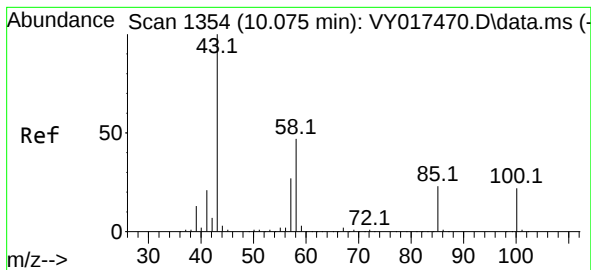
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#50
Toluene-d8
Concen: 59.864 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

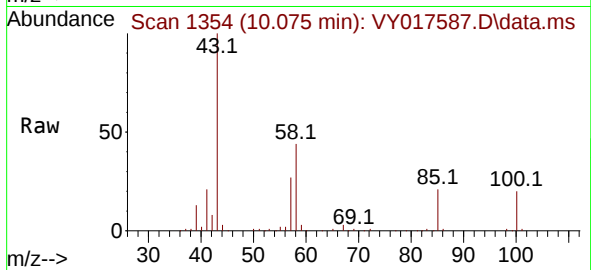
Tgt Ion: 98 Resp: 295715
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 99.160 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

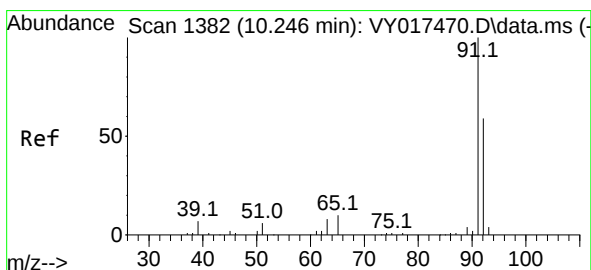
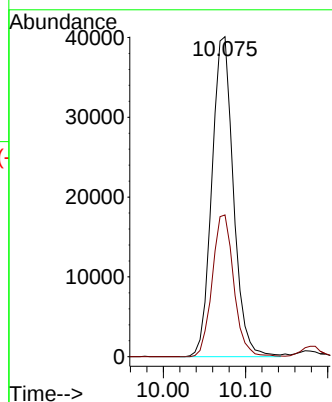
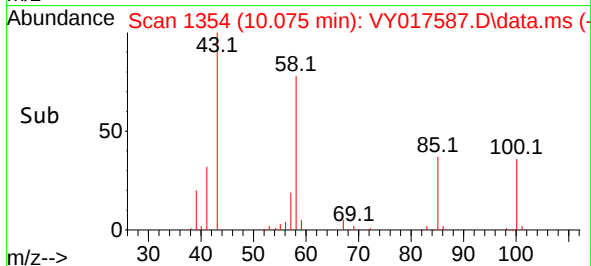
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 43 Resp: 73117
Ion Ratio Lower Upper
43 100
58 44.3 35.7 53.5

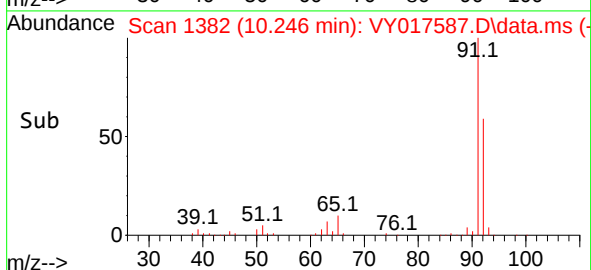
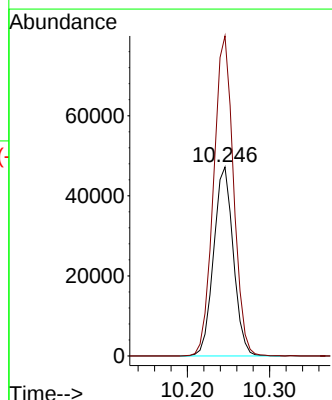
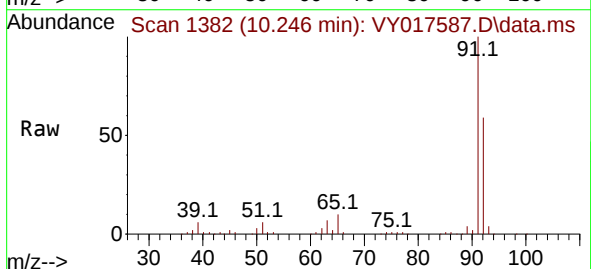
Manual Integrations
APPROVED

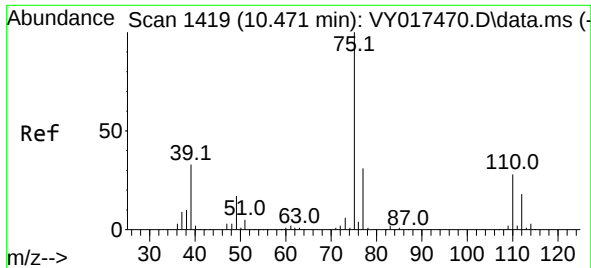
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#52
Toluene
Concen: 21.915 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion: 92 Resp: 78210
Ion Ratio Lower Upper
92 100
91 172.1 139.0 208.6





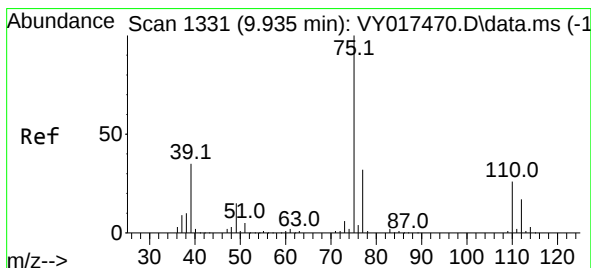
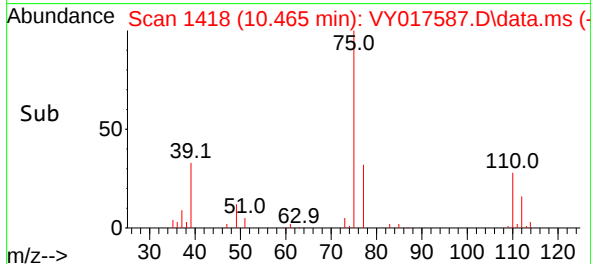
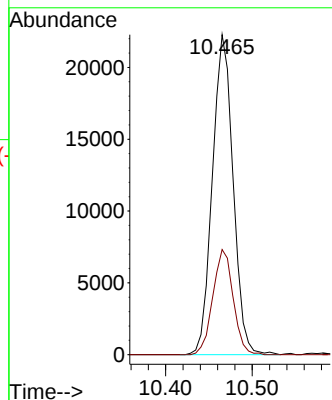
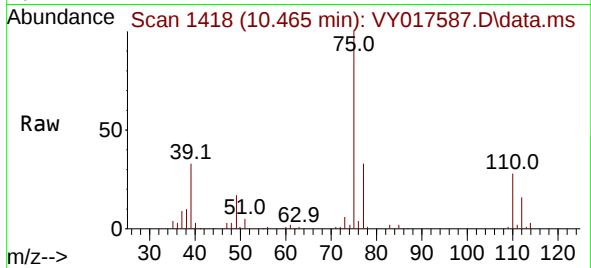
#53
 t-1,3-Dichloropropene
 Concen: 21.312 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017587.D
 Acq: 06 Mar 2024 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS02

Tgt Ion: 75 Resp: 3702
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.1 36.1

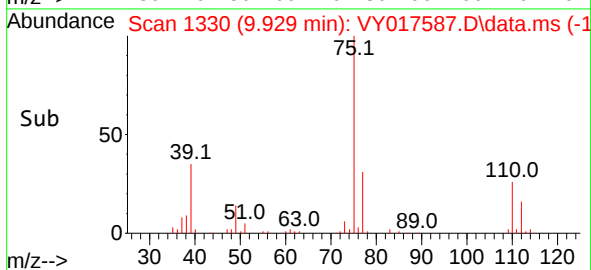
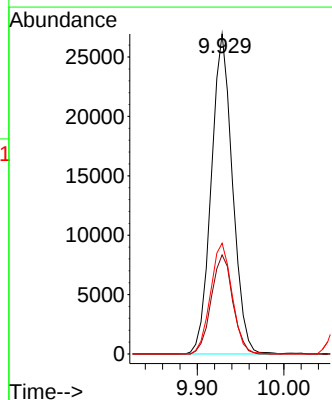
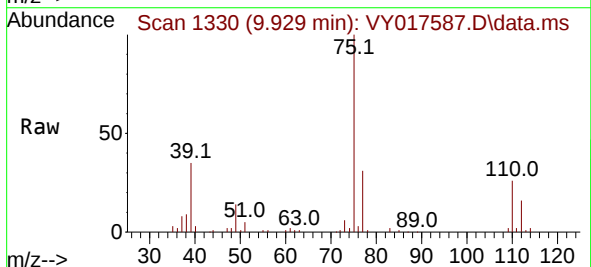
Manual Integrations
 APPROVED

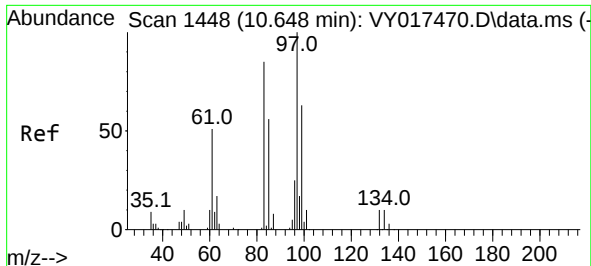
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#54
 cis-1,3-Dichloropropene
 Concen: 21.712 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017587.D
 Acq: 06 Mar 2024 12:24

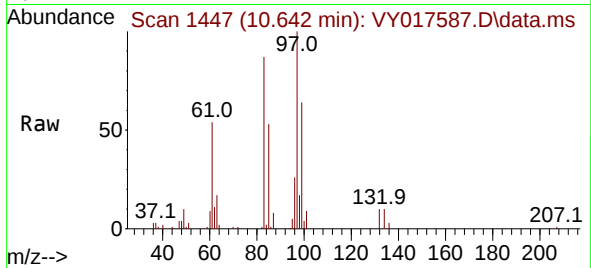
Tgt Ion: 75 Resp: 45829
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 34.6 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 22.286 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

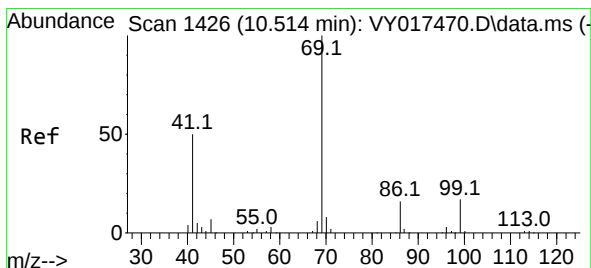
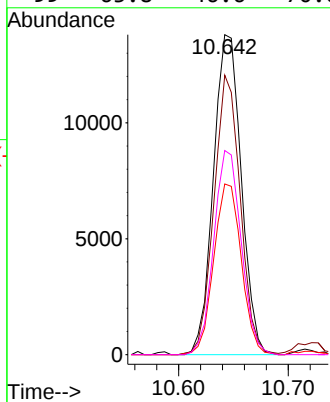
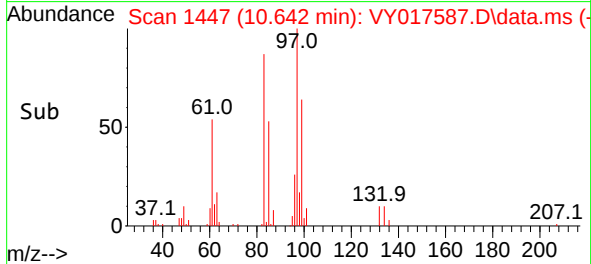
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.5	101.3
85	53.4	42.9	64.3
99	63.8	46.6	70.0

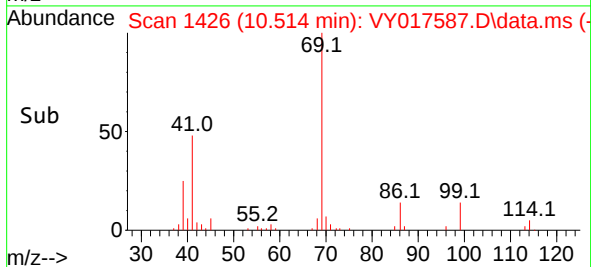
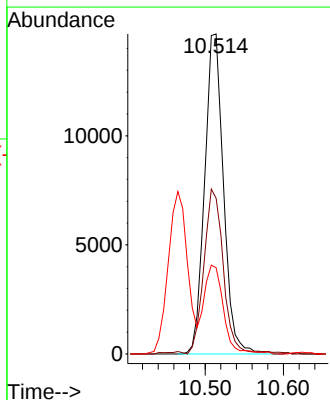
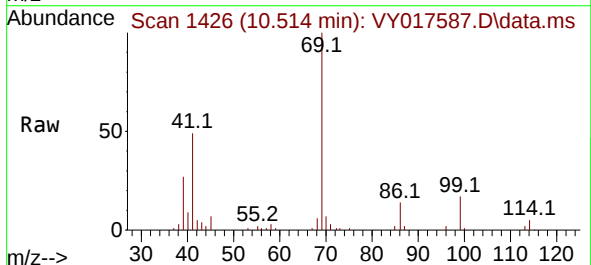
Manual Integrations
APPROVED

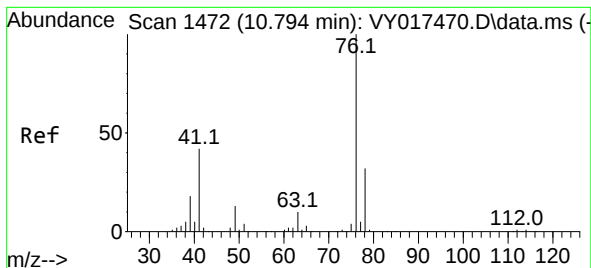
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#56
Ethyl methacrylate
Concen: 19.833 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

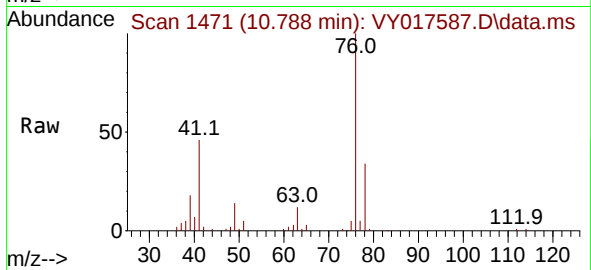
Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.7	42.3	63.5
39	28.6	22.9	34.3





#57
1,3-Dichloropropane
Concen: 20.948 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

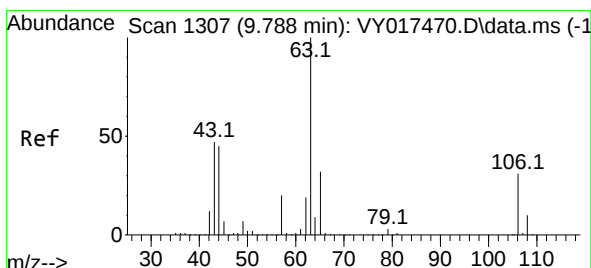
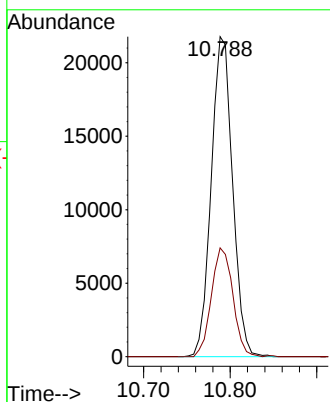
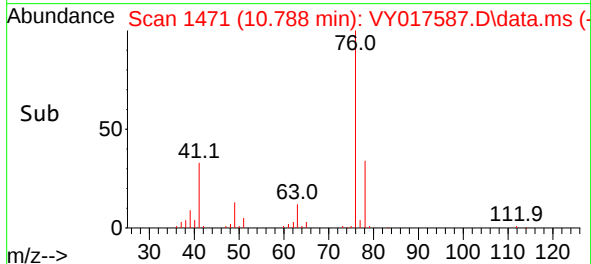
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBSD02



Tgt Ion: 76 Resp: 3727
Ion Ratio Lower Upper
76 100
78 34.2 26.2 39.4

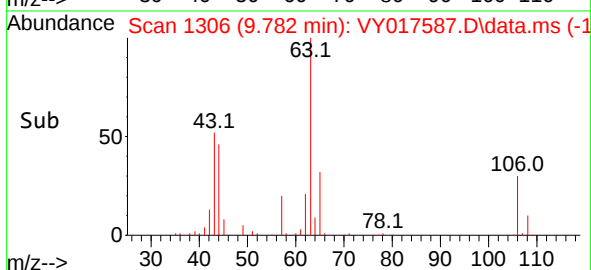
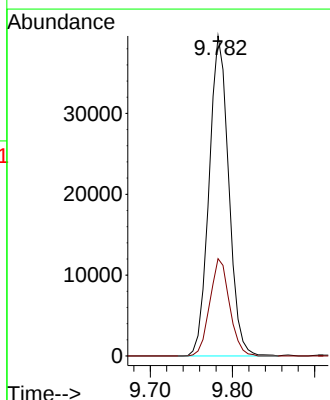
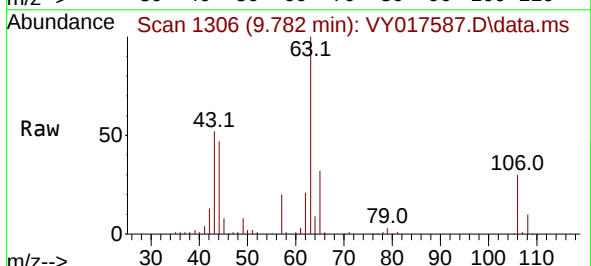
Manual Integrations
APPROVED

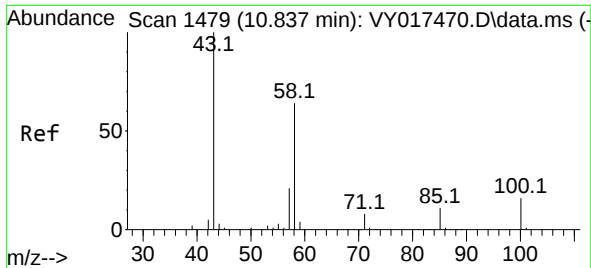
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 103.993 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

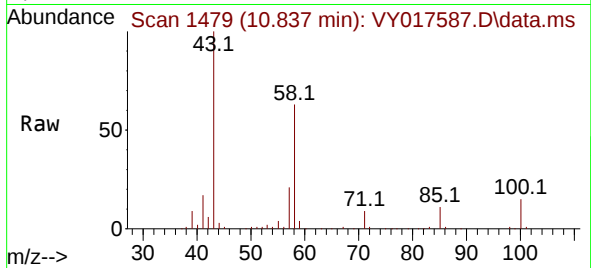
Tgt Ion: 63 Resp: 65673
Ion Ratio Lower Upper
63 100
106 30.5 23.7 35.5





#59
2-Hexanone
Concen: 104.111 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

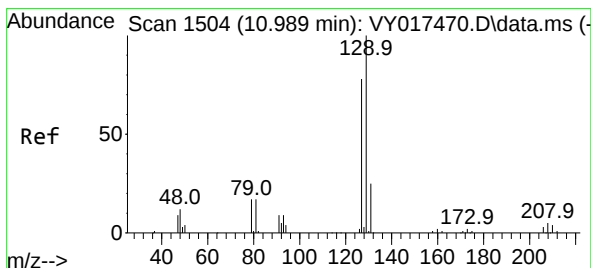
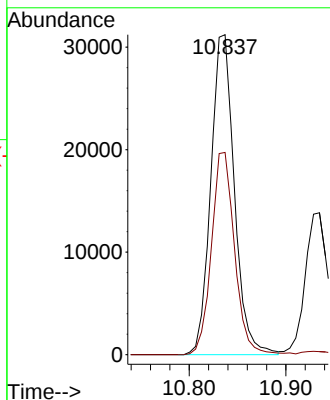
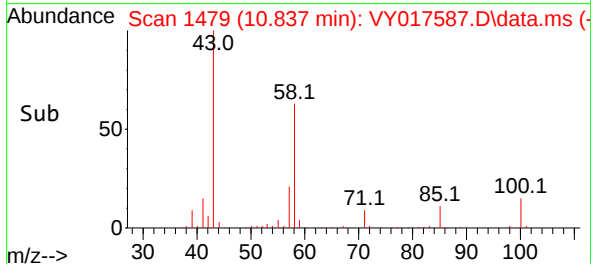
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 43 Resp: 52730
Ion Ratio Lower Upper
43 100
58 62.1 31.4 94.0

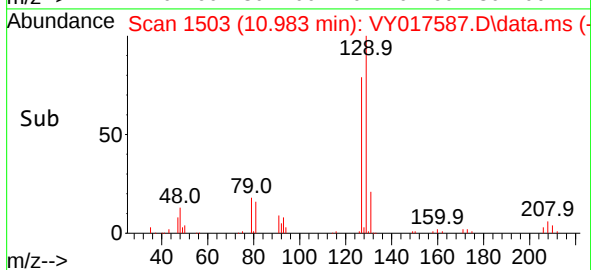
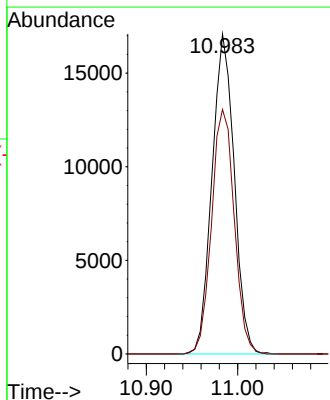
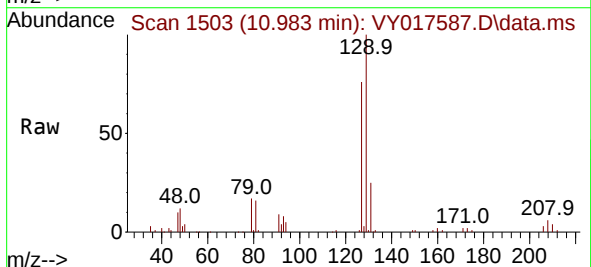
Manual Integrations
APPROVED

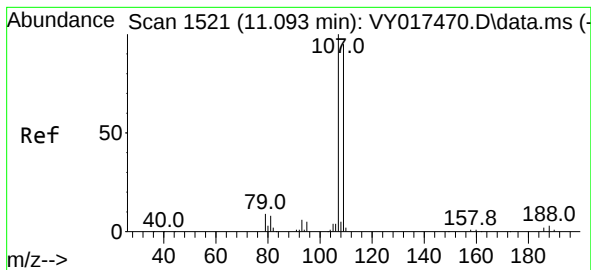
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#60
Dibromochloromethane
Concen: 22.301 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

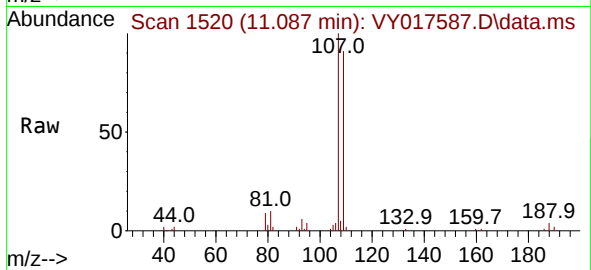
Tgt Ion:129 Resp: 28873
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





#61
1,2-Dibromoethane
Concen: 21.422 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

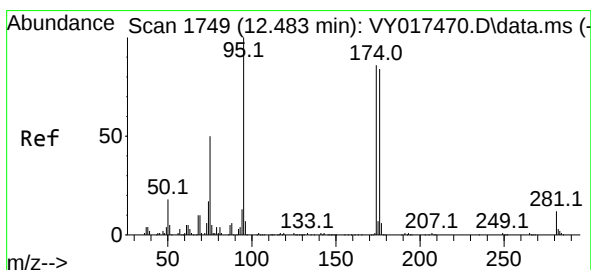
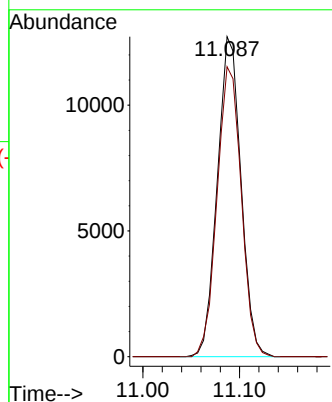
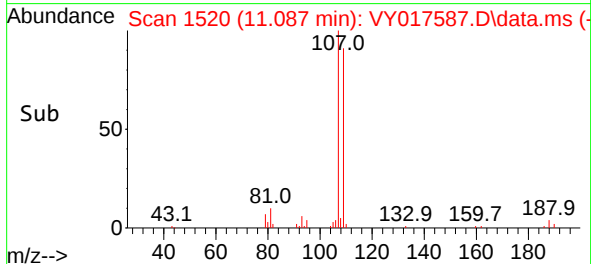
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



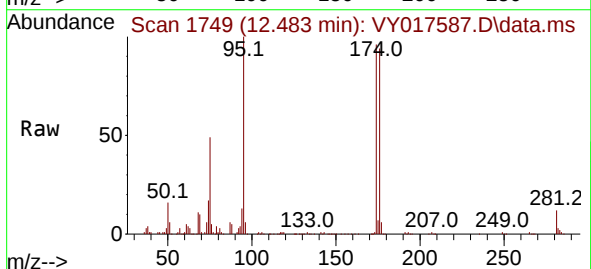
Tgt Ion:107 Resp: 2160
Ion Ratio Lower Upper
107 100
109 92.5 75.9 113.9

Manual Integrations
APPROVED

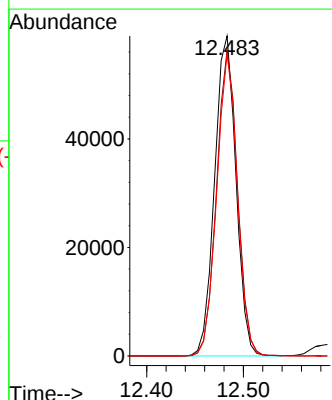
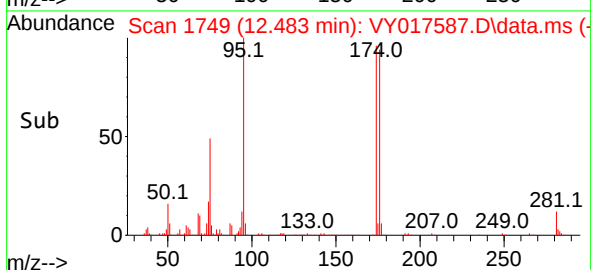
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

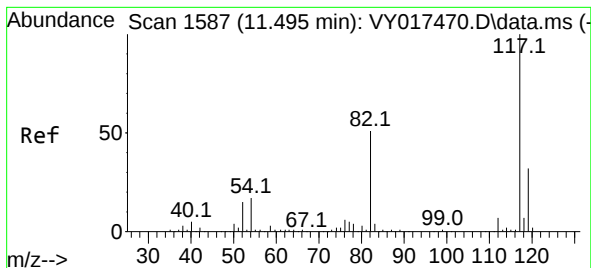


#62
4-Bromofluorobenzene
Concen: 58.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24



Tgt Ion: 95 Resp: 90460
Ion Ratio Lower Upper
95 100
174 93.8 0.0 175.6
176 91.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion:117 Resp: 17736

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

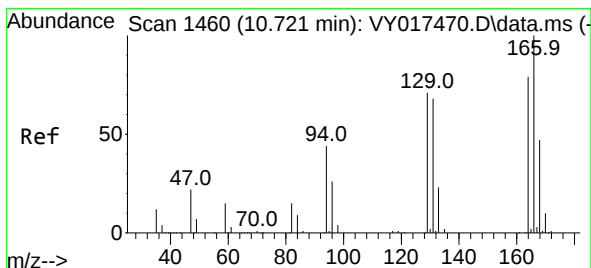
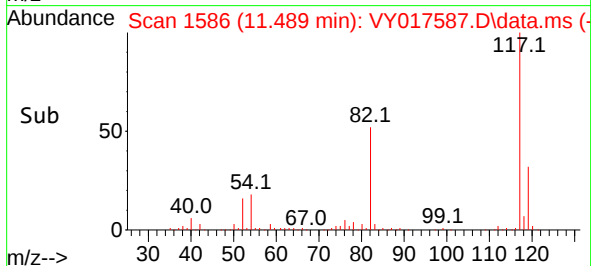
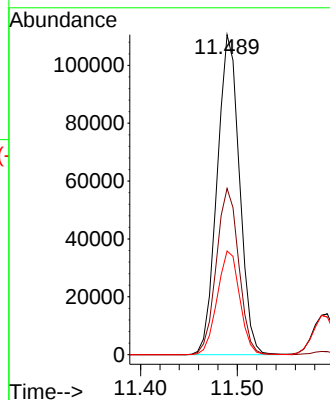
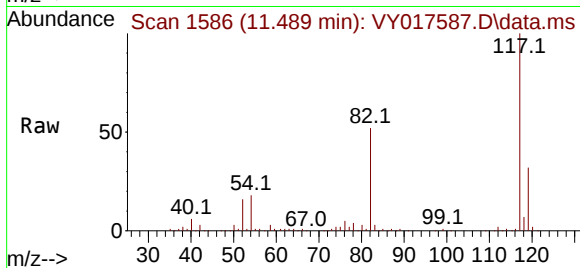
119 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#64

Tetrachloroethene

Concen: 21.178 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Tgt Ion:164 Resp: 36054

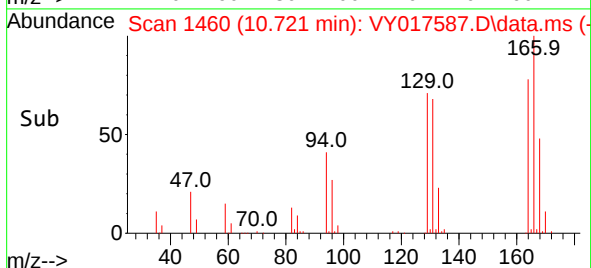
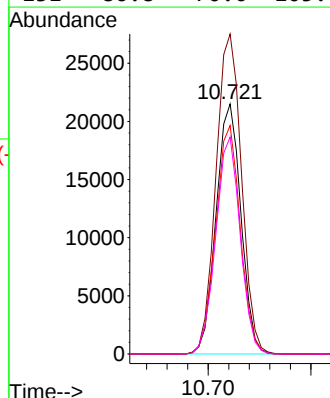
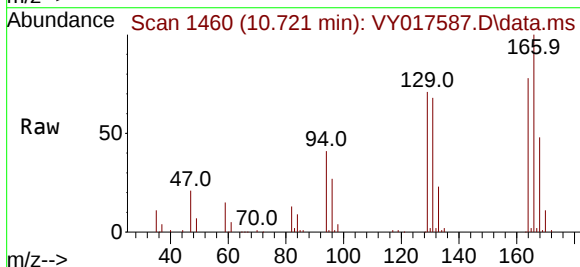
Ion Ratio Lower Upper

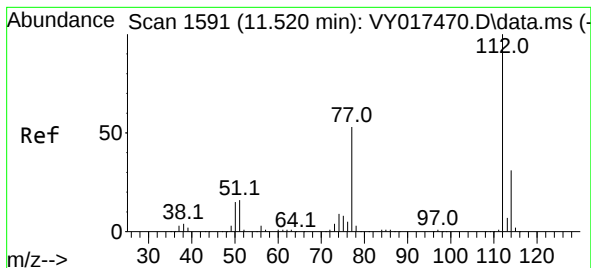
164 100

166 128.0 102.6 154.0

129 91.4 72.0 108.0

131 86.8 70.0 105.0





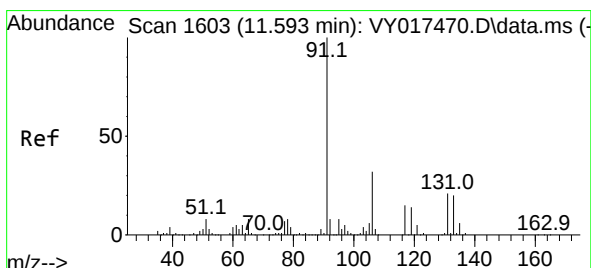
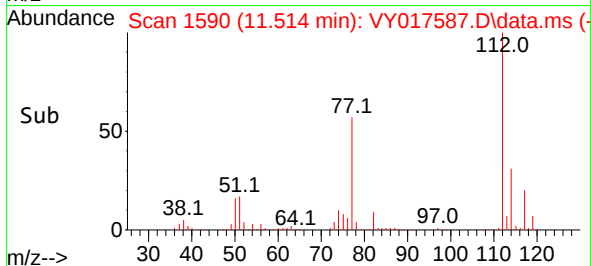
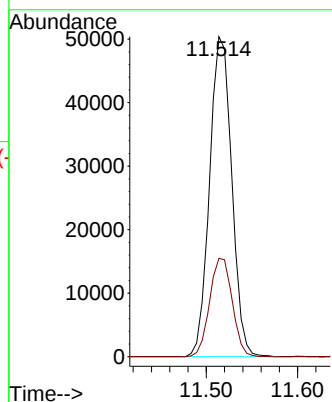
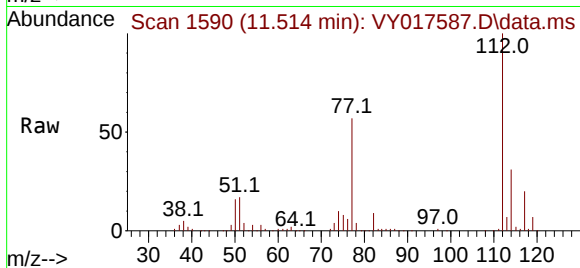
#65
Chlorobenzene
Concen: 22.517 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion:112 Resp: 84770
Ion Ratio Lower Upper
112 100
114 30.7 26.4 39.6

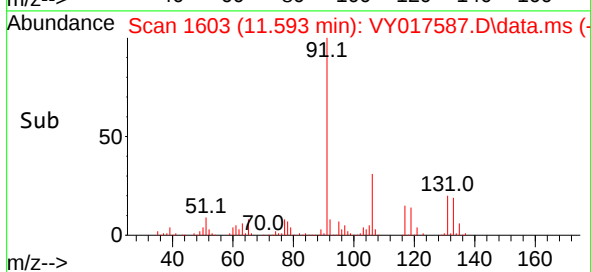
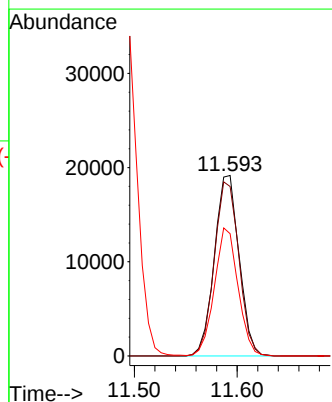
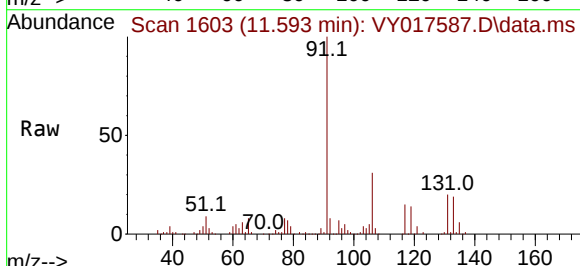
Manual Integrations
APPROVED

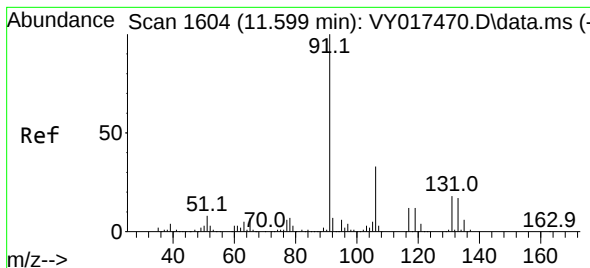
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 22.686 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion:131 Resp: 31996
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 67.9 34.1 102.2





#67

Ethyl Benzene

Concen: 21.386 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 91 Resp: 141198

Ion Ratio Lower Upper

91 100

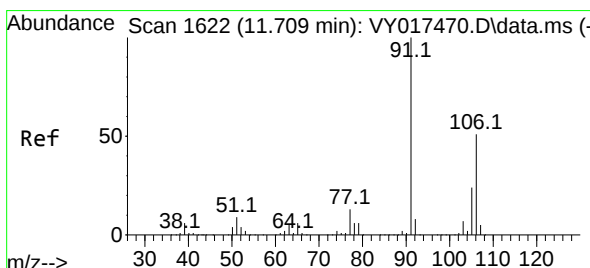
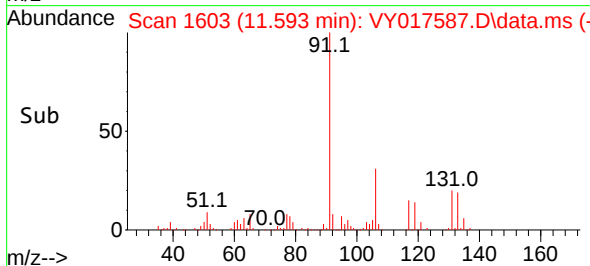
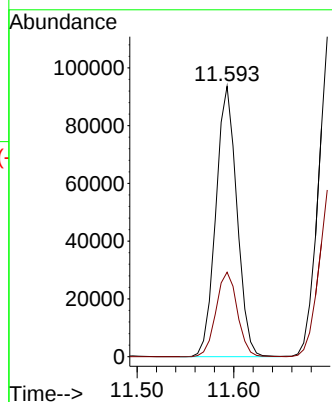
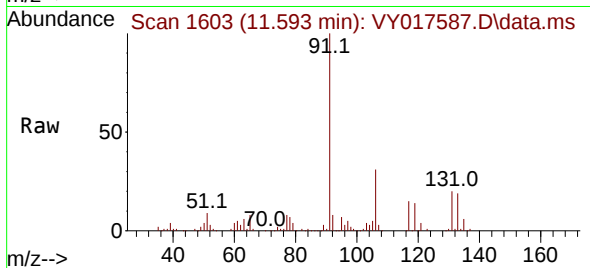
106 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#68

m/p-Xylenes

Concen: 43.706 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017587.D

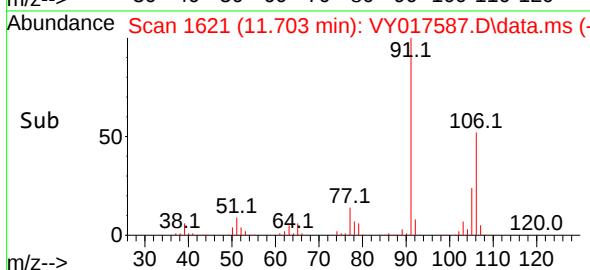
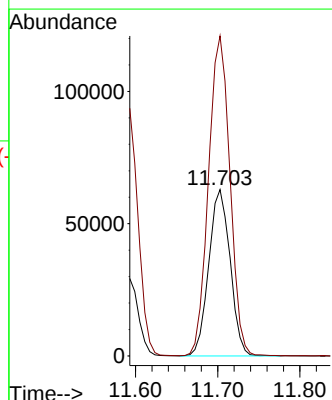
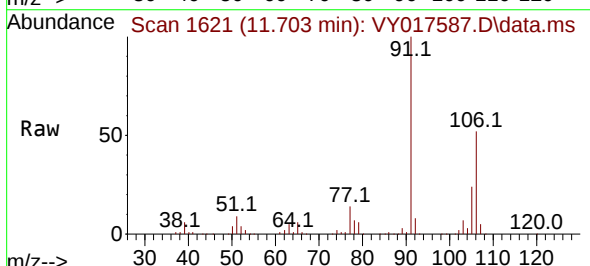
Acq: 06 Mar 2024 12:24

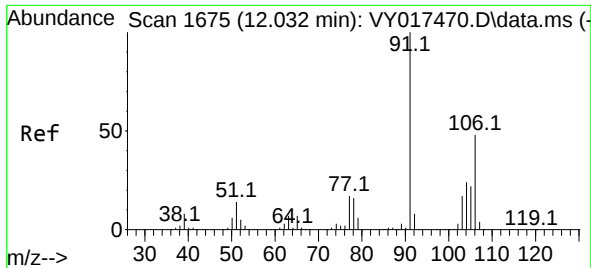
Tgt Ion:106 Resp: 113390

Ion Ratio Lower Upper

106 100

91 193.5 156.0 234.0





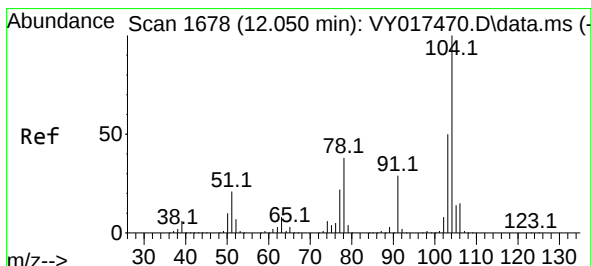
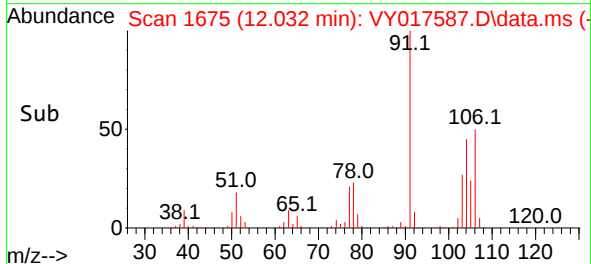
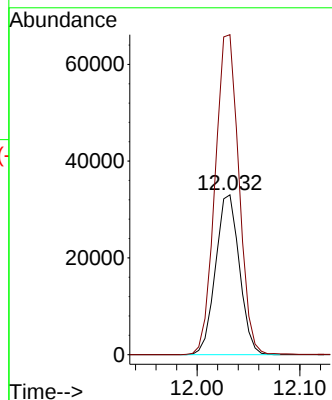
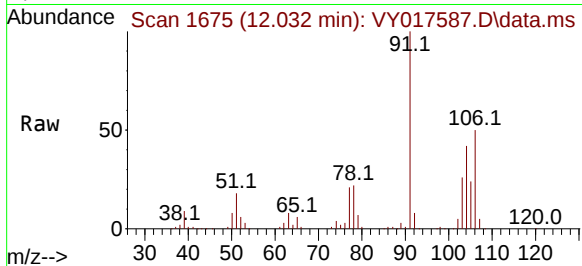
#69
o-Xylene
Concen: 22.073 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion:106 Resp: 5312
Ion Ratio Lower Upper
106 100
91 200.7 103.6 310.8

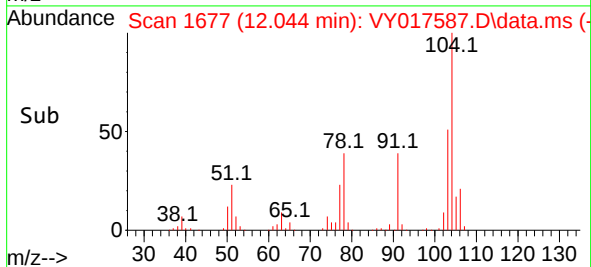
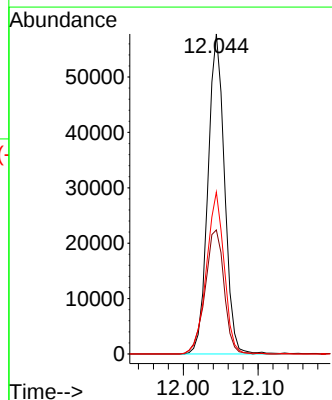
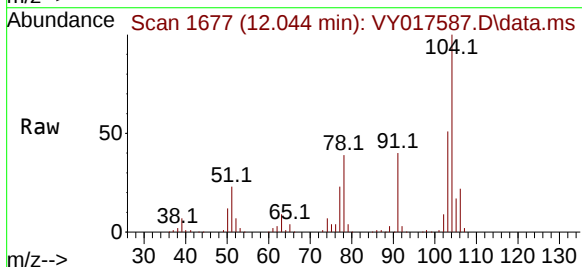
Manual Integrations
APPROVED

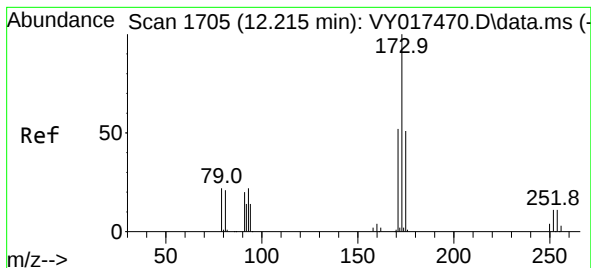
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#70
Styrene
Concen: 22.302 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion:104 Resp: 89099
Ion Ratio Lower Upper
104 100
78 44.3 37.0 55.4
103 53.9 44.2 66.2





#71

Bromoform

Concen: 22.212 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

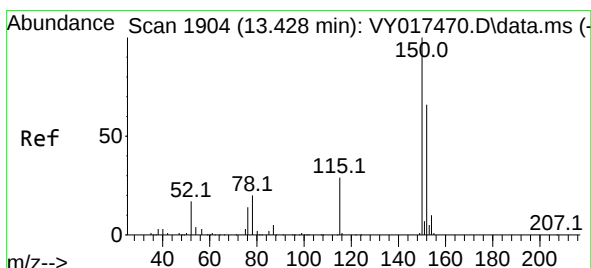
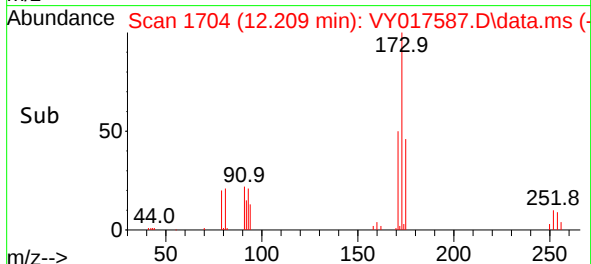
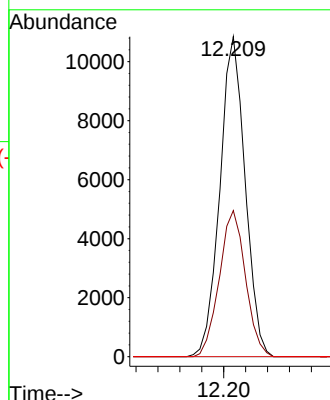
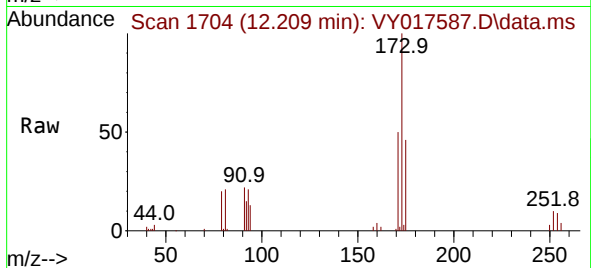
Tgt Ion:173	Resp:	17360
Ion Ratio	Lower	Upper
173	100	
175	47.3	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

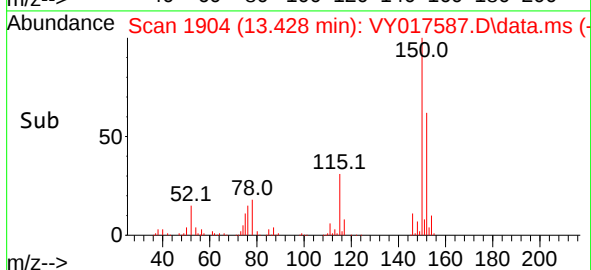
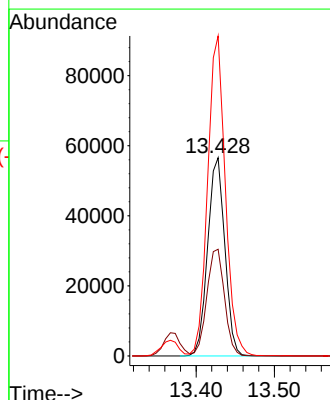
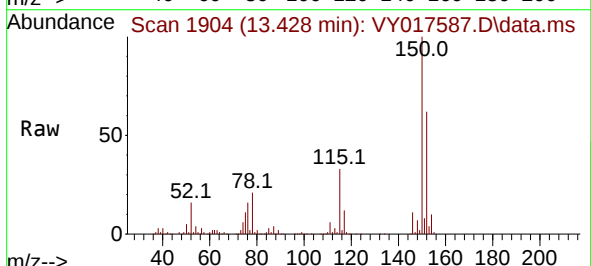
RT: 13.428 min Scan# 1904

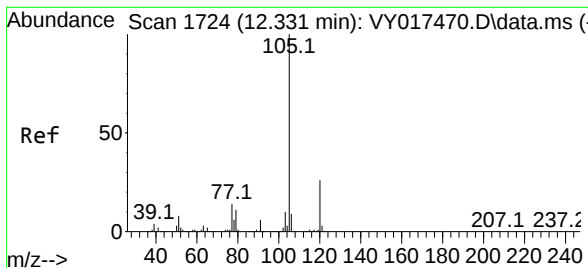
Delta R.T. 0.000 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

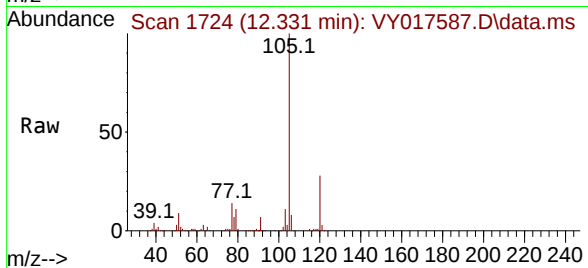
Tgt Ion:152	Resp:	85959
Ion Ratio	Lower	Upper
152	100	
115	55.5	28.2 84.7
150	166.2	0.0 345.6





#73
Isopropylbenzene
Concen: 21.782 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

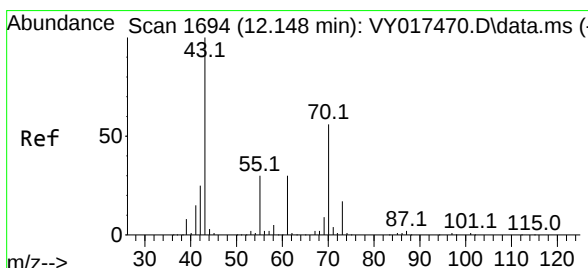
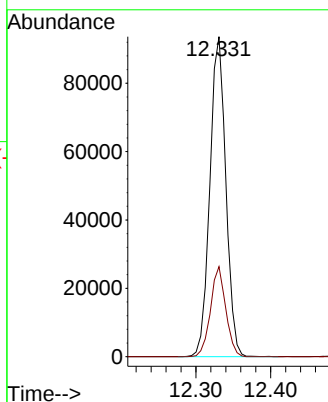
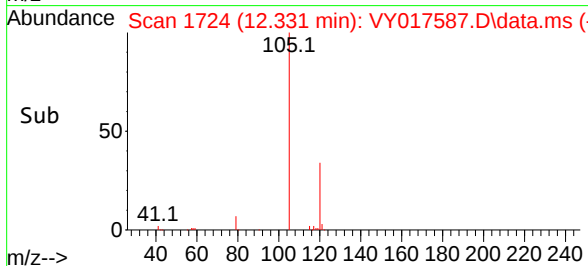
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



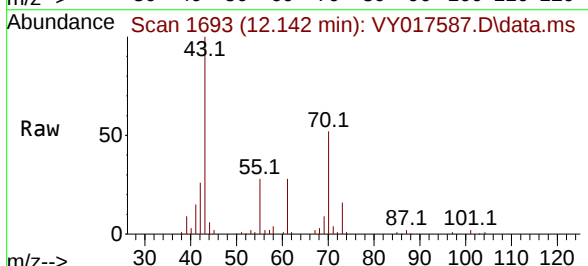
Tgt Ion: 105 Resp: 139100
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

Manual Integrations
APPROVED

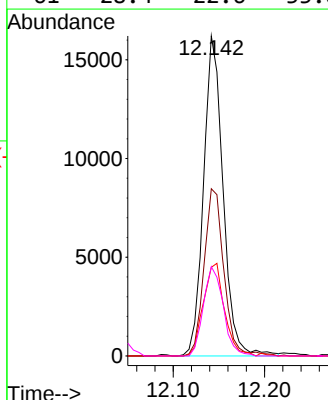
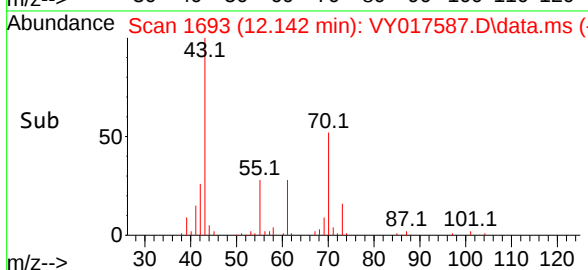
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

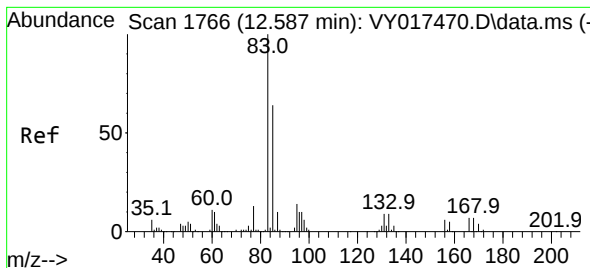


#74
N-ethyl acetate
Concen: 21.360 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24



Tgt Ion: 43 Resp: 24059
Ion Ratio Lower Upper
43 100
70 53.1 41.4 62.2
55 31.2 23.3 34.9
61 28.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.622 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

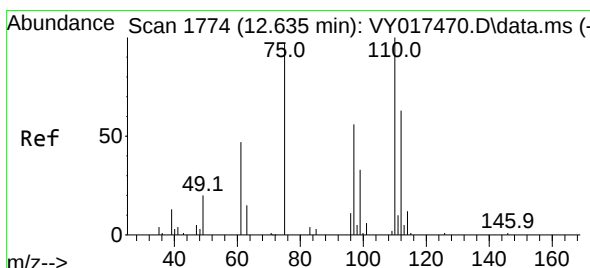
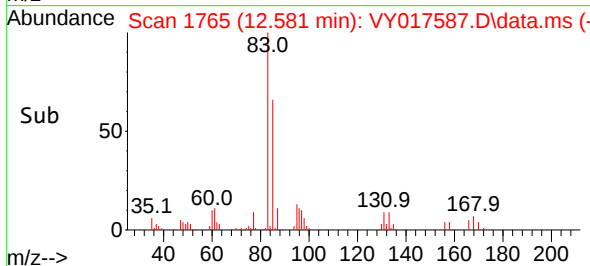
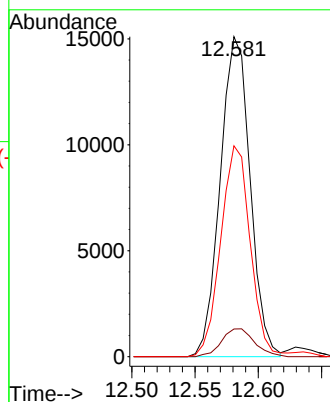
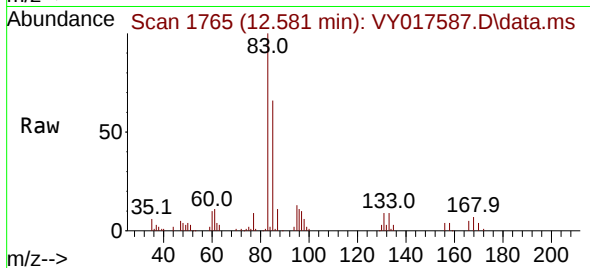
Tgt Ion: 83	Resp: 2480
Ion Ratio	Lower Upper
83 100	
131 9.6	5.0 14.9
85 65.0	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#76

1,2,3-Trichloropropane

Concen: 21.514 ug/l m

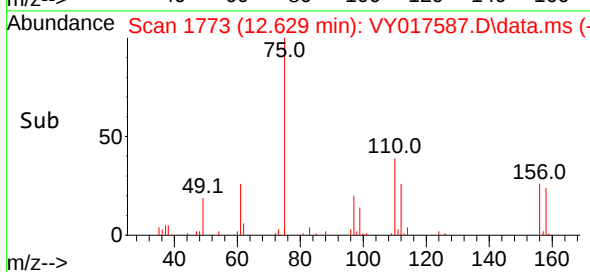
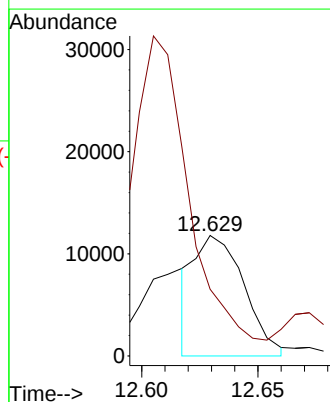
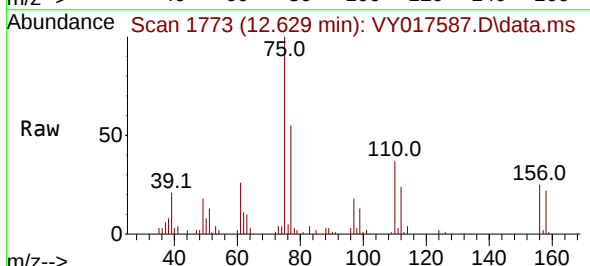
RT: 12.629 min Scan# 1773

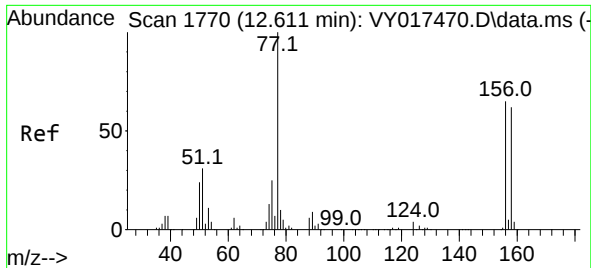
Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

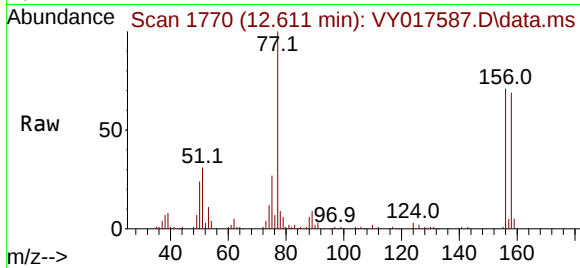
Tgt Ion: 75	Resp: 17571
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77
Bromobenzene
Concen: 21.792 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

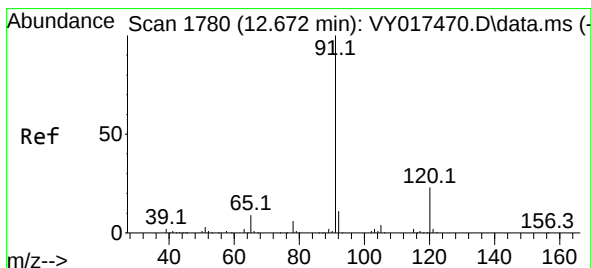
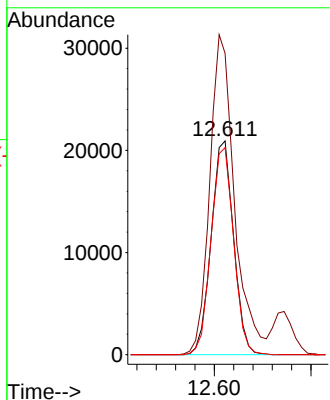
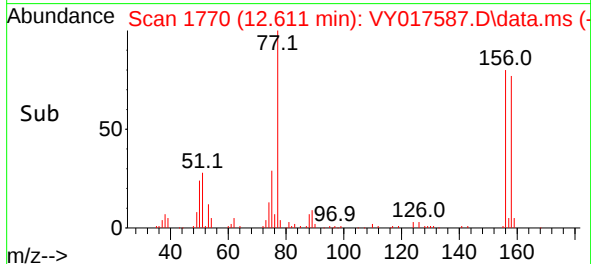
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



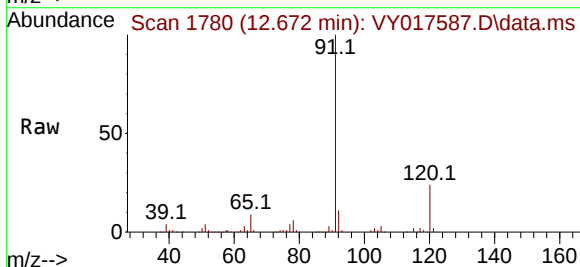
Tgt Ion:156 Resp: 33702
Ion Ratio Lower Upper
156 100
77 165.5 87.1 261.3
158 97.4 48.6 145.9

Manual Integrations
APPROVED

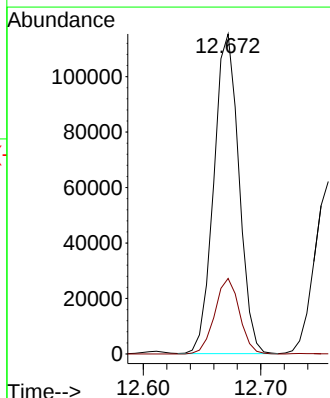
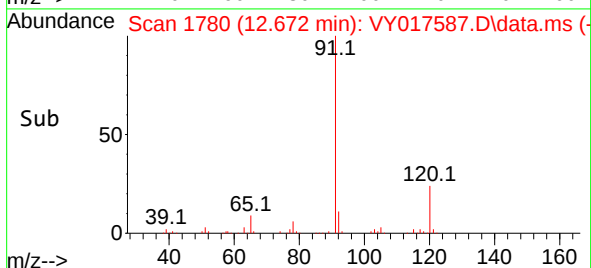
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

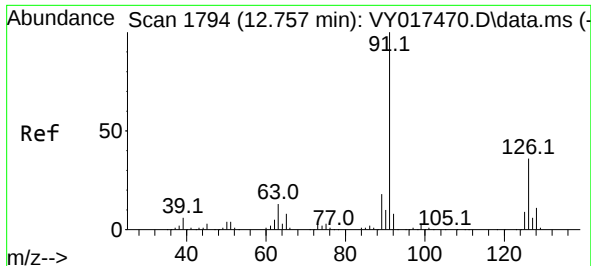


#78
n-propylbenzene
Concen: 22.365 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24



Tgt Ion: 91 Resp: 171378
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.944 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 91 Resp: 94144

Ion Ratio Lower Upper

91 100

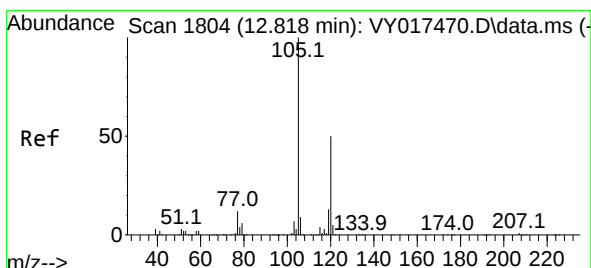
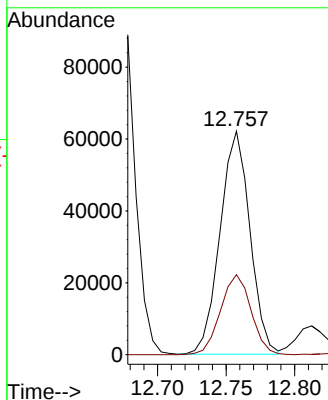
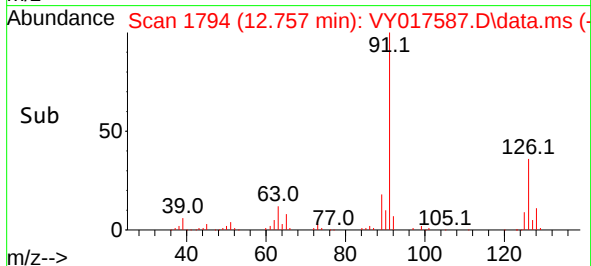
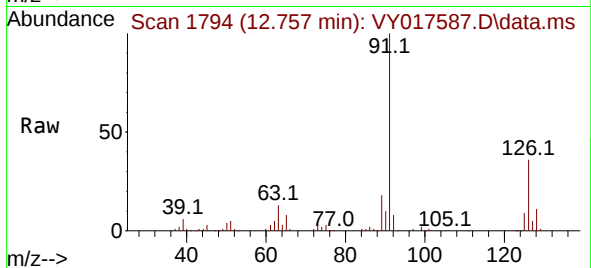
126 36.5 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.081 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY017587.D

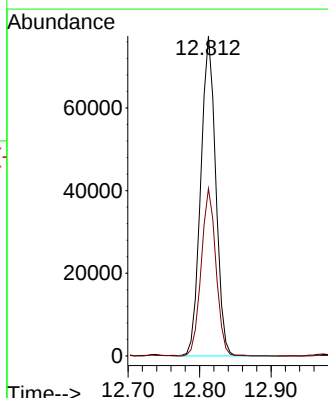
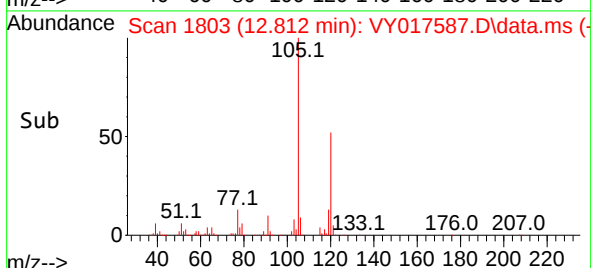
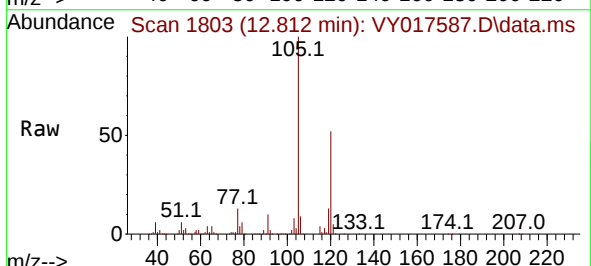
Acq: 06 Mar 2024 12:24

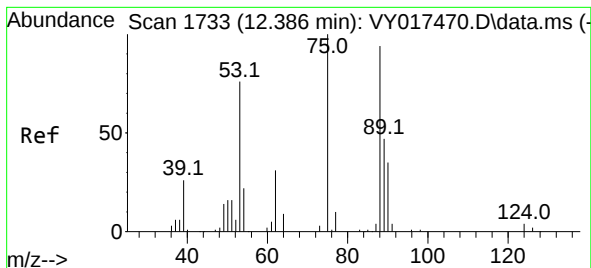
Tgt Ion:105 Resp: 112975

Ion Ratio Lower Upper

105 100

120 51.4 25.1 75.2





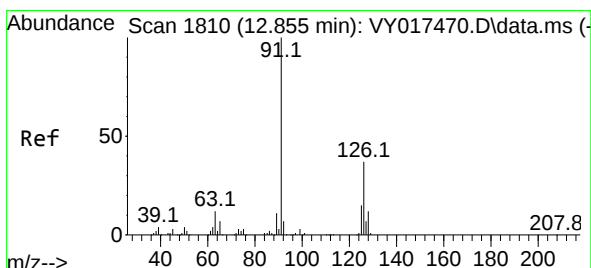
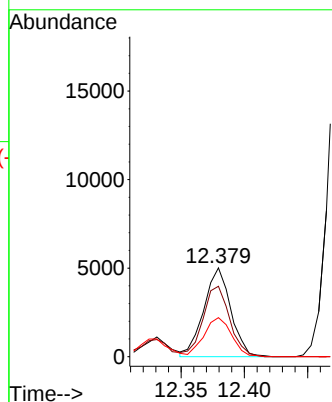
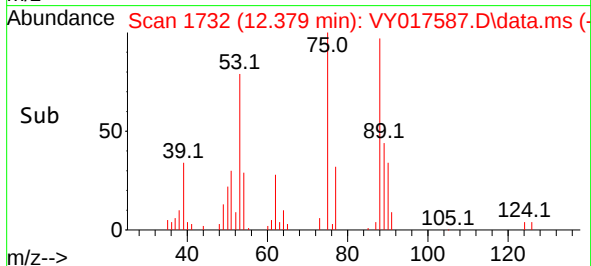
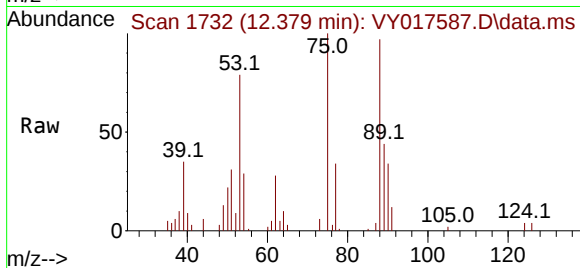
#81
trans-1,4-Dichloro-2-butene
Concen: 20.903 ug/l
RT: 12.379 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 75 Resp: 7430
Ion Ratio Lower Upper
75 100
53 78.7 66.8 100.2
89 44.7 35.8 53.6

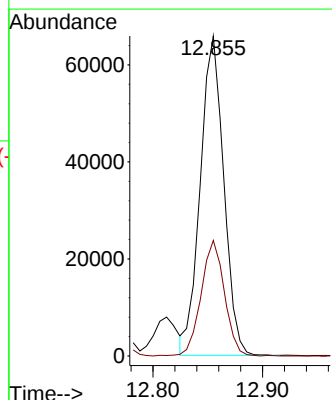
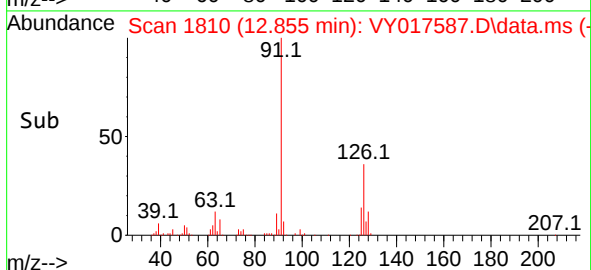
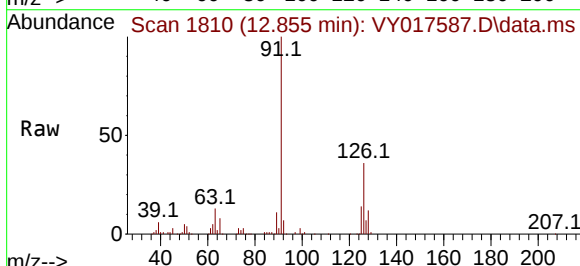
Manual Integrations
APPROVED

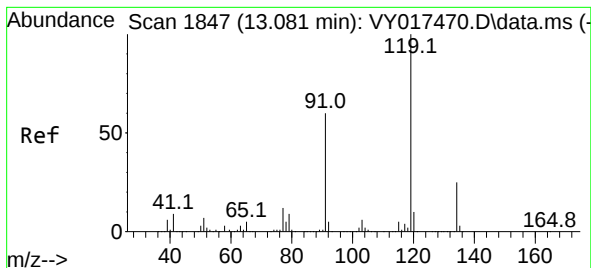
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#82
4-Chlorotoluene
Concen: 22.293 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion: 91 Resp: 97826
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.063 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

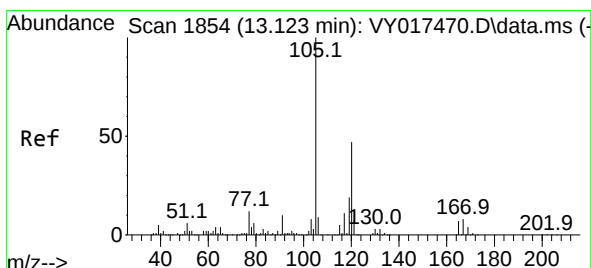
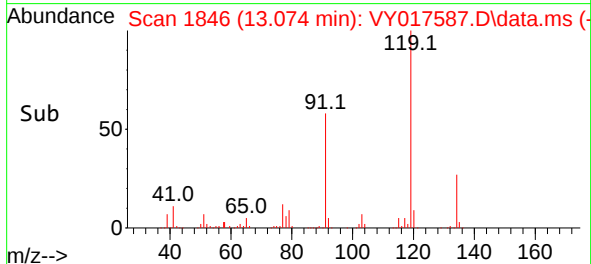
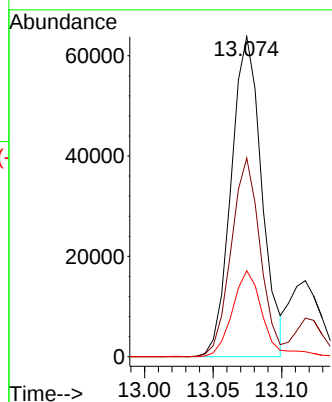
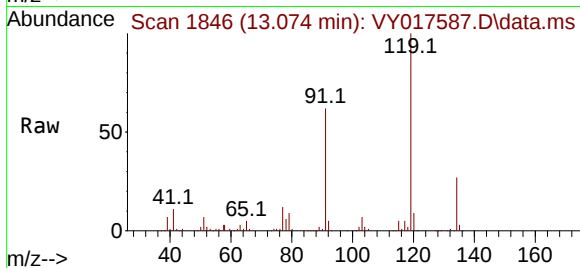
Tgt Ion:	119	Resp:	9912
Ion Ratio	Lower	Upper	
119	100		
91	59.0	31.3	93.8
134	26.9	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.150 ug/l

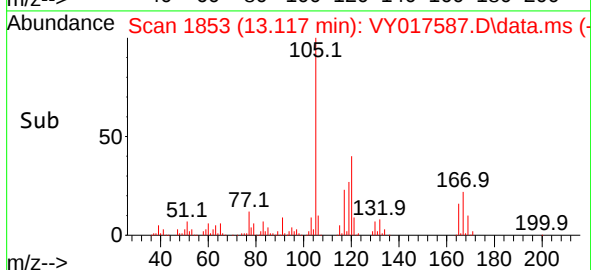
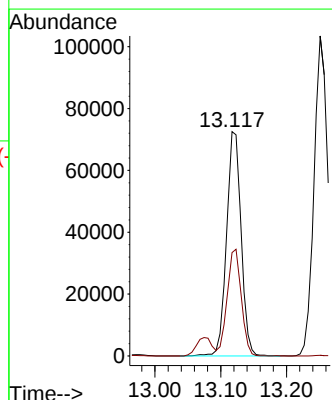
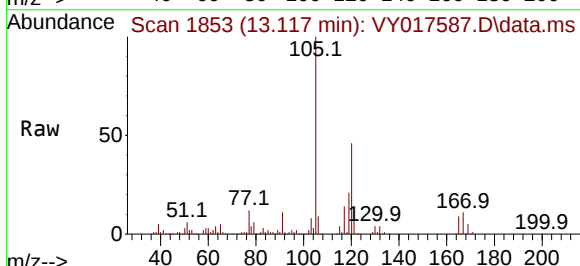
RT: 13.117 min Scan# 1853

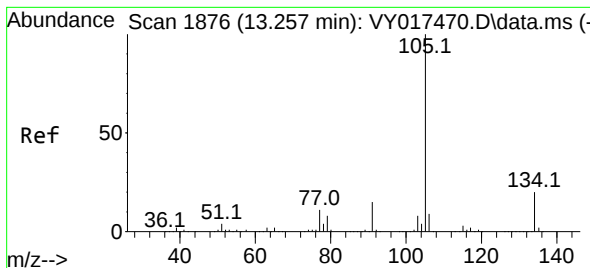
Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Tgt Ion:	105	Resp:	111880
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.2	69.6





#85

sec-Butylbenzene

Concen: 22.168 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion:105 Resp: 152270

Ion Ratio Lower Upper

105 100

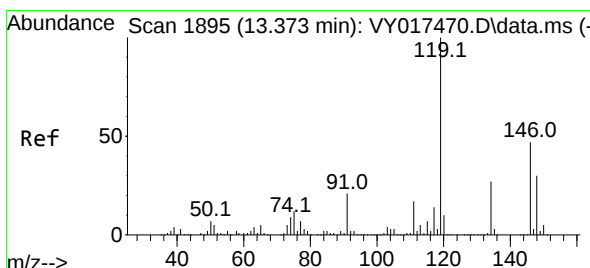
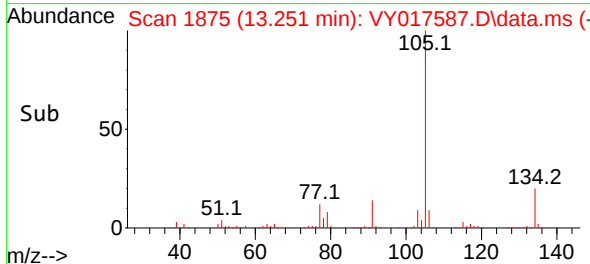
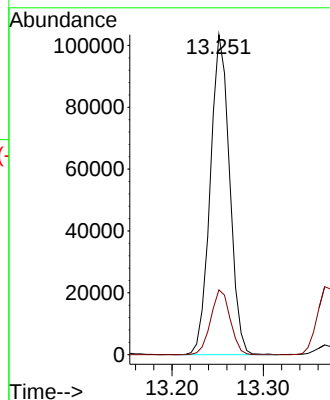
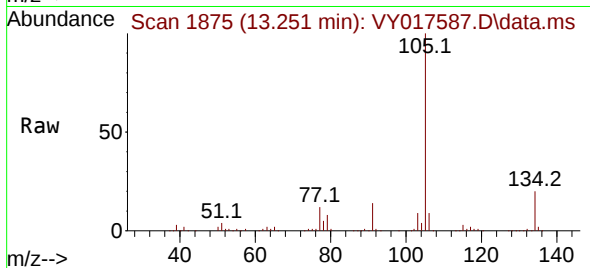
134 20.3 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#86

p-Isopropyltoluene

Concen: 21.898 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

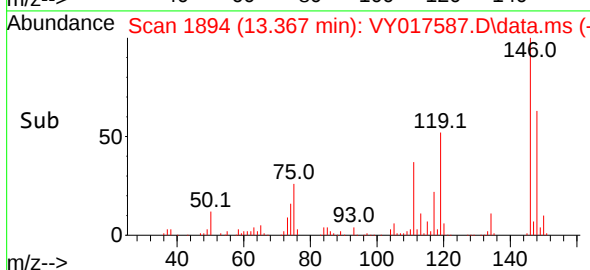
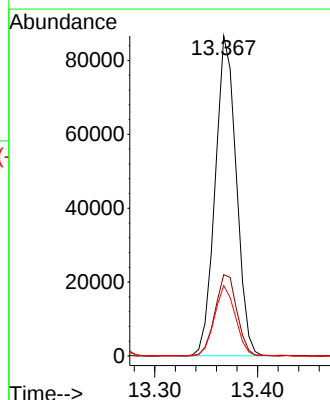
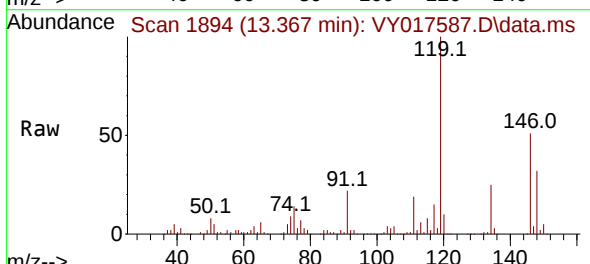
Tgt Ion:119 Resp: 123133

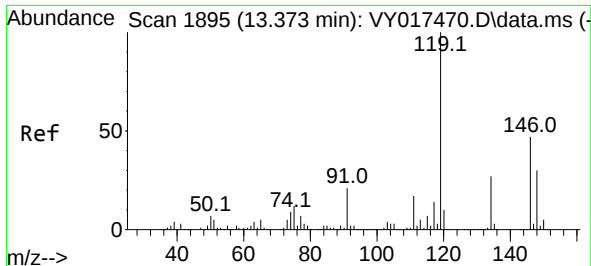
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.894 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion:146 Resp: 6796

Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

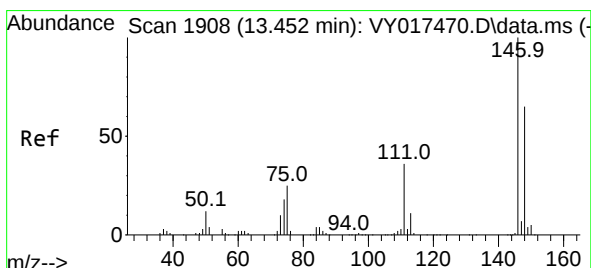
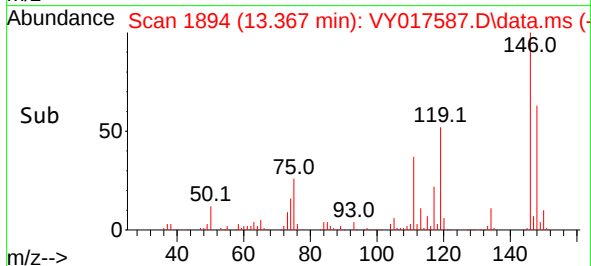
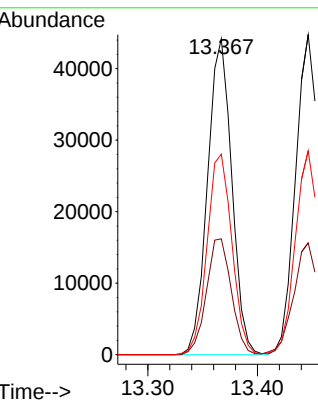
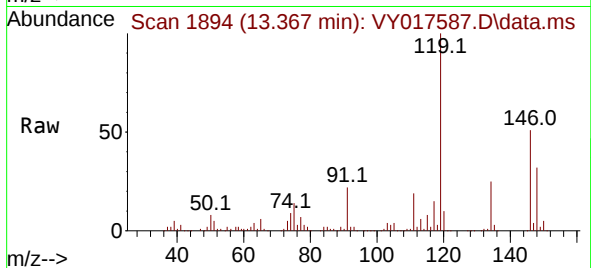
148 65.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#88

1,4-Dichlorobenzene

Concen: 22.634 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

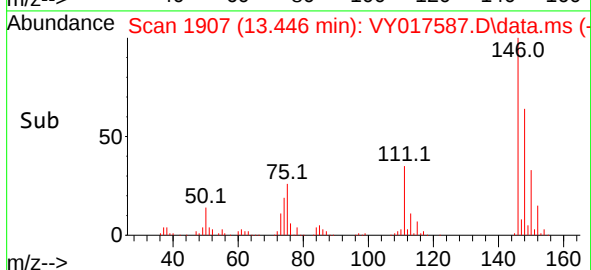
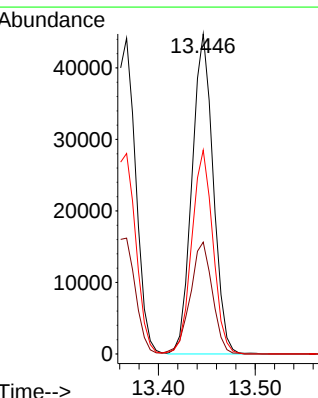
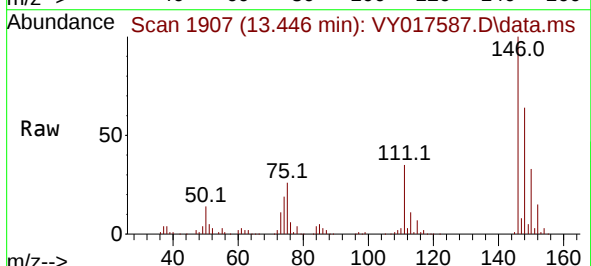
Tgt Ion:146 Resp: 68307

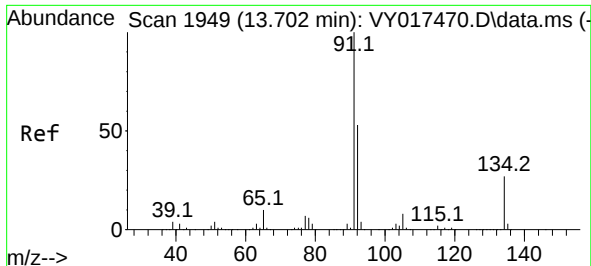
Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.4

148 63.6 32.4 97.2





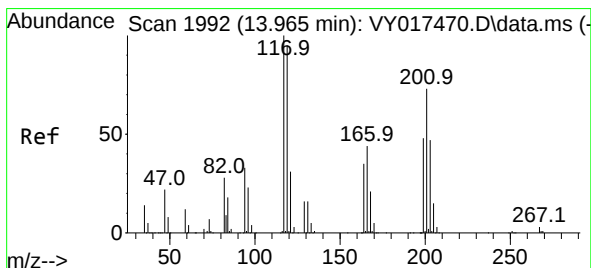
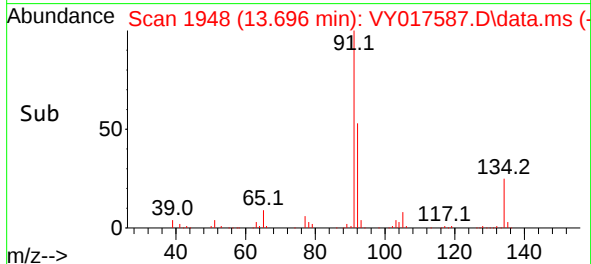
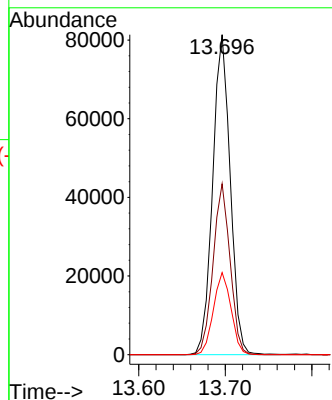
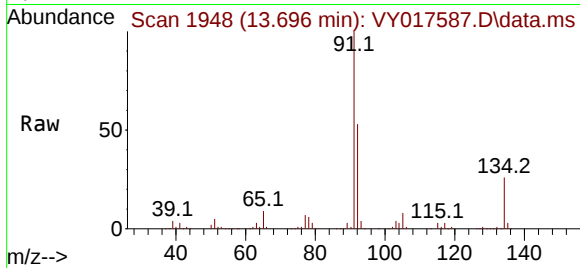
#89
n-Butylbenzene
Concen: 22.318 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 91 Resp: 114490
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.7
134 25.7 12.9 38.7

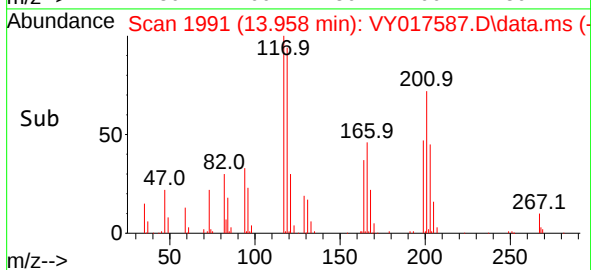
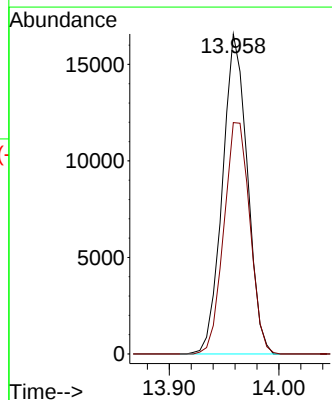
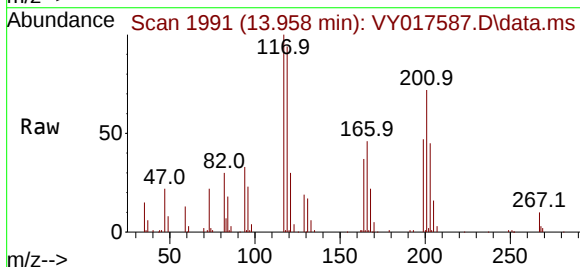
Manual Integrations
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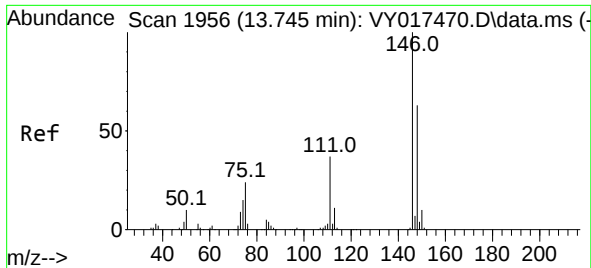
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#90
Hexachloroethane
Concen: 23.232 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Tgt Ion:117 Resp: 26190
Ion Ratio Lower Upper
117 100
201 75.6 37.4 112.2





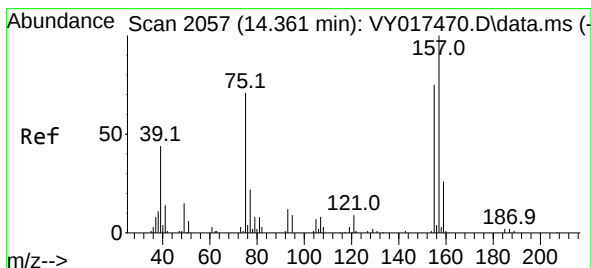
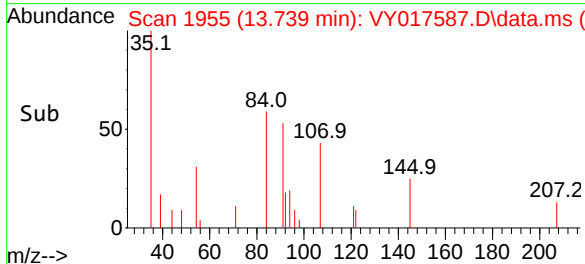
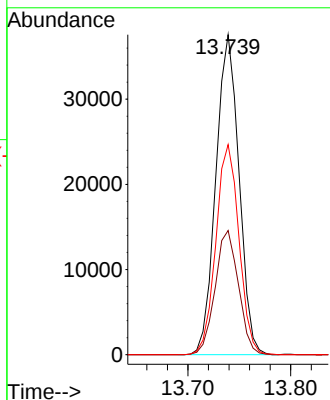
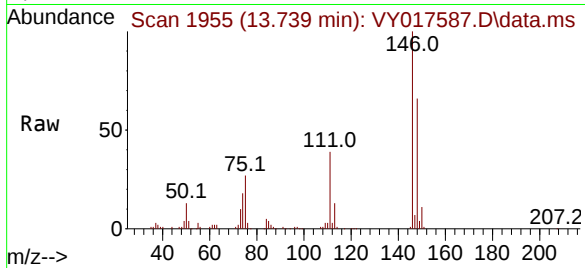
#91
1,2-Dichlorobenzene
Concen: 22.349 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion:146 Resp: 5868
Ion Ratio Lower Upper
146 100
111 39.2 19.9 59.7
148 65.5 31.8 95.4

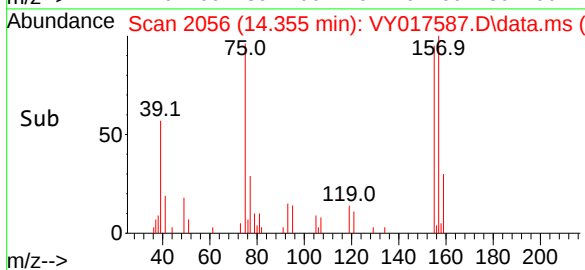
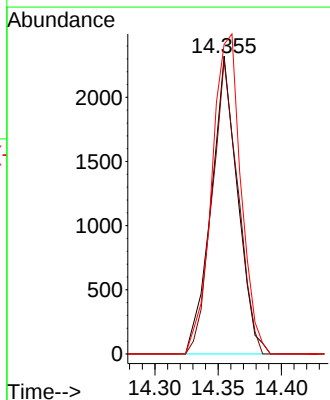
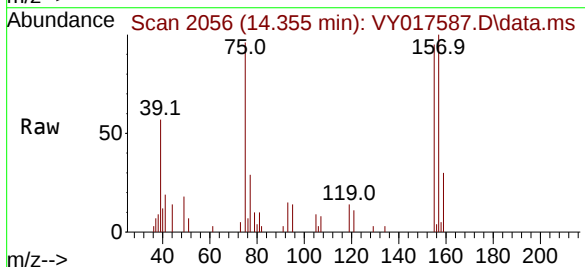
Manual Integrations
APPROVED

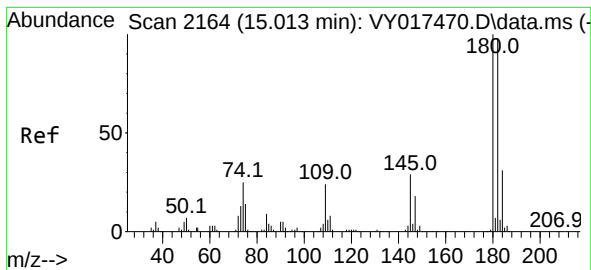
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.917 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

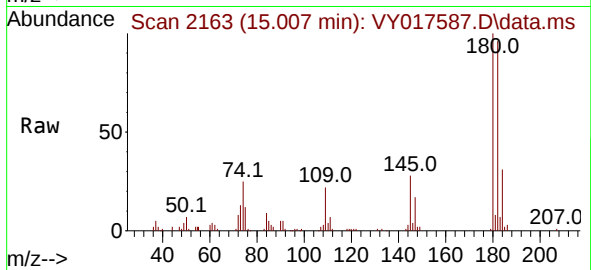
Tgt Ion: 75 Resp: 3379
Ion Ratio Lower Upper
75 100
155 96.4 48.6 145.8
157 118.0 62.7 188.2





#93
1,2,4-Trichlorobenzene
Concen: 23.524 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24

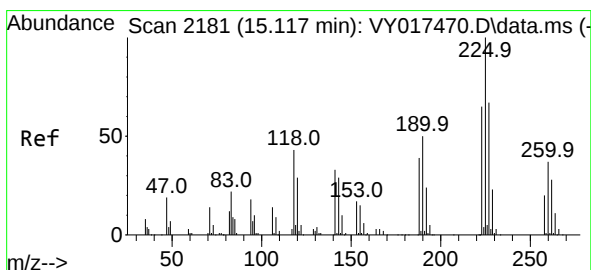
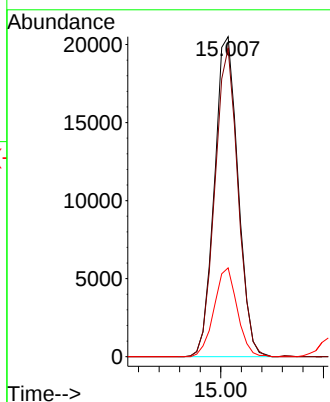
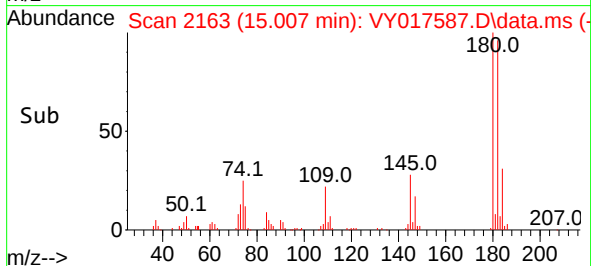
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



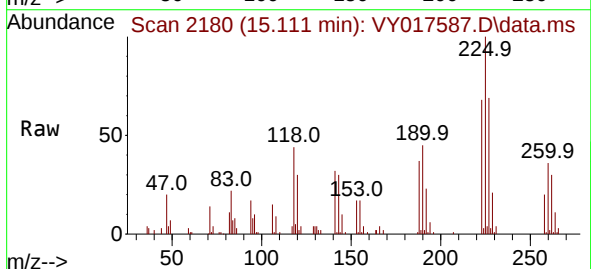
Tgt Ion:180 Resp: 32620
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.8
145 27.3 14.2 42.6

Manual Integrations
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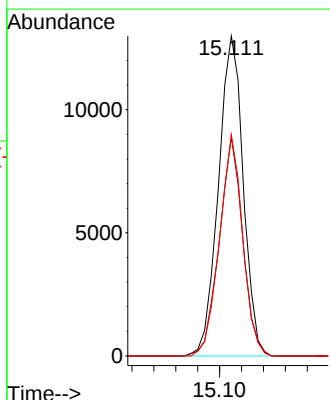
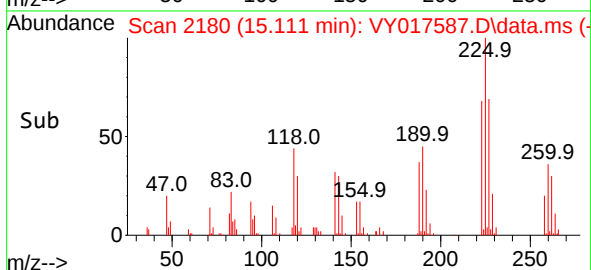
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

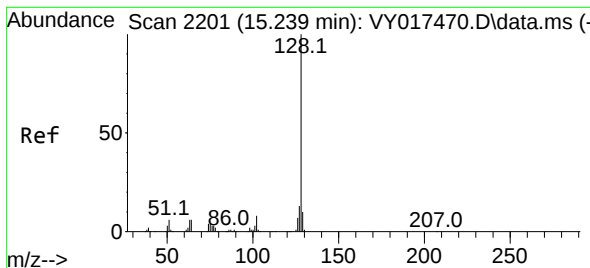


#94
Hexachlorobutadiene
Concen: 23.794 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY017587.D
Acq: 06 Mar 2024 12:24



Tgt Ion:225 Resp: 20375
Ion Ratio Lower Upper
225 100
223 64.8 30.4 91.2
227 64.7 31.9 95.9





#95

Naphthalene

Concen: 21.484 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

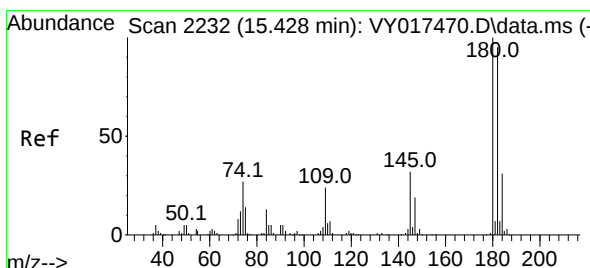
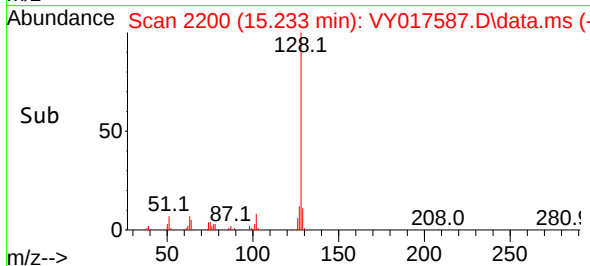
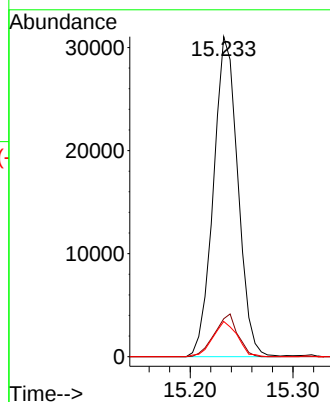
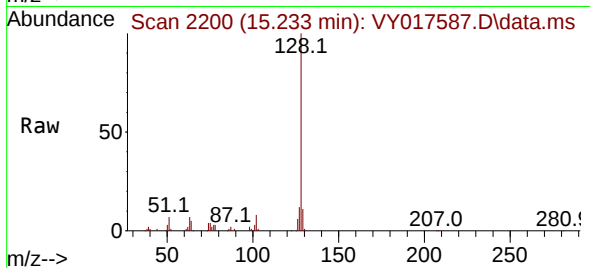
Tgt Ion:128	Resp:	51228
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.6 16.0
129	11.1	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#96

1,2,3-Trichlorobenzene

Concen: 23.796 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY017587.D

Acq: 06 Mar 2024 12:24

Tgt Ion:180	Resp:	28313
Ion Ratio	Lower	Upper
180	100	
182	92.9	47.6 142.9
145	29.0	15.4 46.1

