

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017583.D
 Acq On : 06 Mar 2024 10:37
 Operator : SY/MD
 Sample : VY0306SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 07 02:04:47 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	107674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	155293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60121	58.916	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.840%			
35) Dibromofluoromethane	7.722	113	68927	56.551	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.100%			
50) Toluene-d8	10.185	98	256554	60.202	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.400%			
62) 4-Bromofluorobenzene	12.483	95	77838	58.119	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17226	21.688	ug/l	98
3) Chloromethane	2.107	50	30298	20.877	ug/l	99
4) Vinyl Chloride	2.247	62	39738	21.344	ug/l	99
5) Bromomethane	2.643	94	36536	24.081	ug/l	100
6) Chloroethane	2.784	64	27296	23.241	ug/l	98
7) Trichlorofluoromethane	3.113	101	41506	21.874	ug/l	94
8) Diethyl Ether	3.527	74	12890	23.161	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	24915	22.828	ug/l	98
10) Methyl Iodide	4.088	142	24921	20.346	ug/l	99
11) Tert butyl alcohol	4.954	59	9686	111.742	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	22789	22.405	ug/l	97
13) Acrolein	3.729	56	5520	48.263	ug/l	99
14) Allyl chloride	4.472	41	27265	22.184	ug/l	95
15) Acrylonitrile	5.161	53	27813	121.570	ug/l	99
16) Acetone	3.942	43	17985	90.866	ug/l	94
17) Carbon Disulfide	4.192	76	56647	18.554	ug/l	100
18) Methyl Acetate	4.479	43	13616	28.356	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	55279	23.317	ug/l	98
20) Methylene Chloride	4.710	84	37575	30.136	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	27191	22.831	ug/l	90
22) Diisopropyl ether	6.118	45	67917	23.948	ug/l	93
23) Vinyl Acetate	6.064	43	173212	102.493	ug/l	98
24) 1,1-Dichloroethane	6.015	63	47356	24.441	ug/l	98
25) 2-Butanone	6.990	43	30277	107.338	ug/l	98
26) 2,2-Dichloropropane	6.978	77	29347	18.015	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	31493	23.552	ug/l	96
28) Bromochloromethane	7.338	49	18855	24.709	ug/l	95
29) Tetrahydrofuran	7.350	42	19784	116.352	ug/l	98
30) Chloroform	7.508	83	51796	25.109	ug/l	94
31) Cyclohexane	7.789	56	32526	19.586	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	42066	23.488	ug/l	98
36) 1,1-Dichloropropene	7.923	75	34854	21.195	ug/l	99
37) Ethyl Acetate	7.076	43	14473	22.283	ug/l	98
38) Carbon Tetrachloride	7.905	117	36025	21.858	ug/l	94
39) Methylcyclohexane	9.185	83	36389	18.413	ug/l	96
40) Benzene	8.161	78	112314	22.998	ug/l	97

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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)
41) Methacrylonitrile	7.319	41	8038m	24.661	ug/l	
42) 1,2-Dichloroethane	8.240	62	27855	23.377	ug/l	96
43) Isopropyl Acetate	8.277	43	25463	22.309	ug/l	97
44) Trichloroethene	8.941	130	31567	22.426	ug/l	95
45) 1,2-Dichloropropane	9.222	63	26914	23.164	ug/l	98
46) Dibromomethane	9.307	93	15747	23.681	ug/l	98
47) Bromodichloromethane	9.496	83	38742	23.995	ug/l	98
48) Methyl methacrylate	9.295	41	11468	21.707	ug/l	93
49) 1,4-Dioxane	9.301	88	3339	443.695	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	73902	116.177	ug/l	100
52) Toluene	10.246	92	70262	22.822	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	31895	21.283	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	39060	21.450	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	22479	23.810	ug/l	97
56) Ethyl methacrylate	10.514	69	23132	21.443	ug/l	98
57) 1,3-Dichloropropane	10.794	76	35794	23.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	68129	125.053	ug/l	97
59) 2-Hexanone	10.837	43	47555	108.838	ug/l	99
60) Dibromochloromethane	10.990	129	27337	24.476	ug/l	100
61) 1,2-Dibromoethane	11.093	107	20396	23.443	ug/l	100
64) Tetrachloroethene	10.721	164	34860	23.388	ug/l	97
65) Chlorobenzene	11.520	112	75595	22.934	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	28717	23.255	ug/l	100
67) Ethyl Benzene	11.599	91	126543	21.890	ug/l	96
68) m/p-Xylenes	11.709	106	101233	44.567	ug/l	98
69) o-Xylene	12.032	106	46735	22.177	ug/l	99
70) Styrene	12.050	104	78734	22.508	ug/l	97
71) Bromoform	12.209	173	16121	23.558	ug/l #	99
73) Isopropylbenzene	12.331	105	120281	21.799	ug/l	99
74) N-amyl acetate	12.148	43	21054	21.634	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	23844	25.164	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	18922m	26.814	ug/l	
77) Bromobenzene	12.611	156	30958	23.168	ug/l	95
78) n-propylbenzene	12.672	91	147046	22.209	ug/l	99
79) 2-Chlorotoluene	12.758	91	82999	22.391	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	97941	22.155	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	5888	19.172	ug/l	97
82) 4-Chlorotoluene	12.855	91	84375	22.254	ug/l	97
83) tert-Butylbenzene	13.081	119	86031	22.162	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	97976	22.449	ug/l	98
85) sec-Butylbenzene	13.257	105	131927	22.229	ug/l	100
86) p-Isopropyltoluene	13.373	119	104618	21.533	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	59948	22.351	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	59682	22.888	ug/l	99
89) n-Butylbenzene	13.702	91	94032	21.213	ug/l	98
90) Hexachloroethane	13.965	117	22466	23.065	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	52372	23.084	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3139	23.565	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	26123	21.799	ug/l	99
94) Hexachlorobutadiene	15.111	225	16864	22.793	ug/l	99
95) Naphthalene	15.239	128	42720	20.872	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	22923	22.298	ug/l	99

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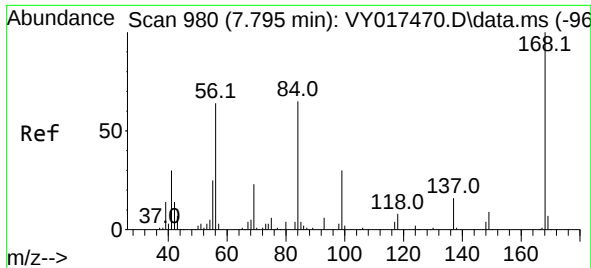
Manual Integrations
APPROVED

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Quant Time: Mar 07 02:04:47 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

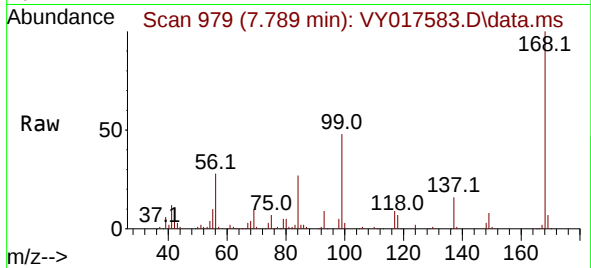
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017583.D
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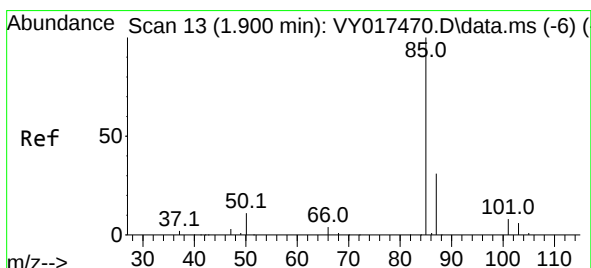
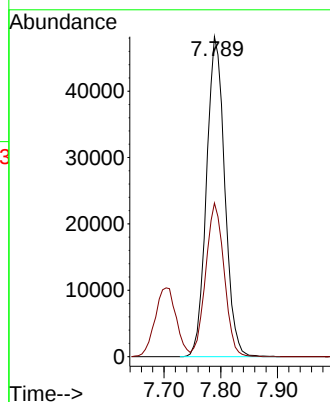
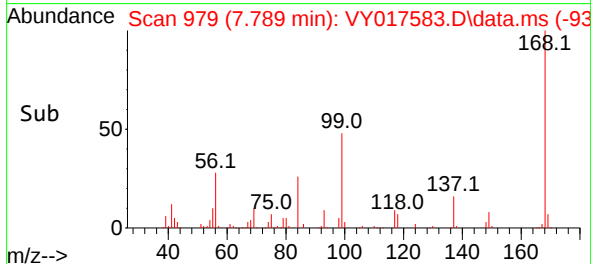
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



Tgt Ion:168 Resp: 107674
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7

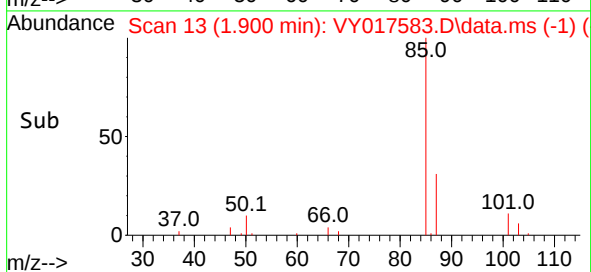
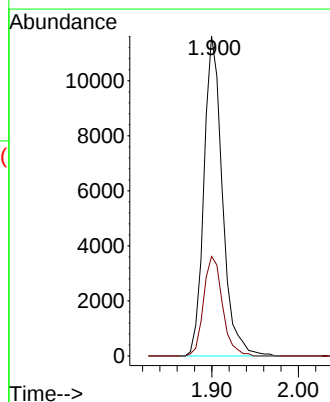
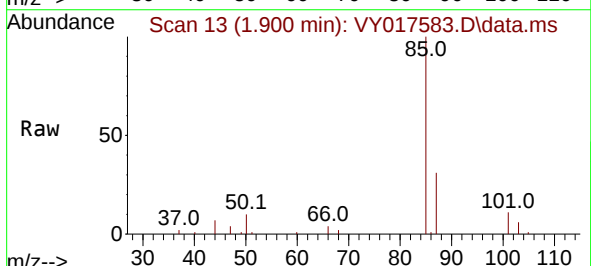
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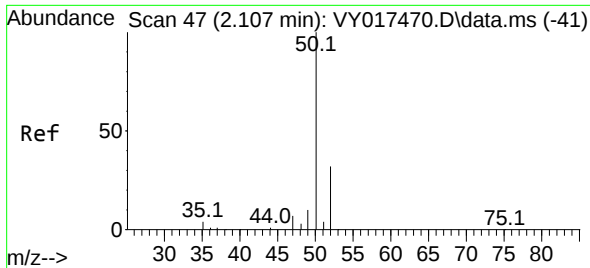
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#2
Dichlorodifluoromethane
Concen: 21.688 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

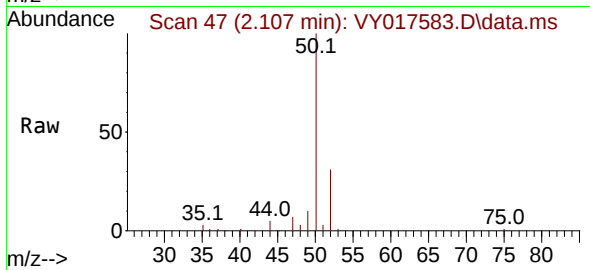
Tgt Ion: 85 Resp: 17226
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0





#3
Chloromethane
Concen: 20.877 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

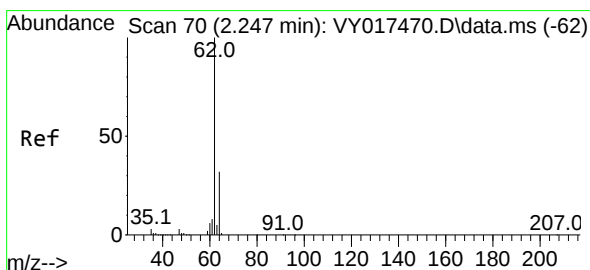
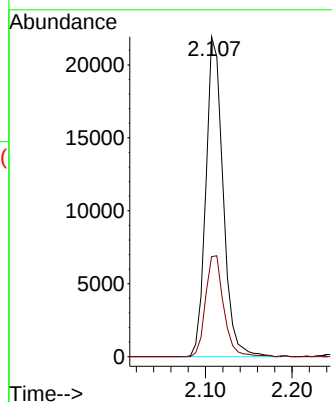
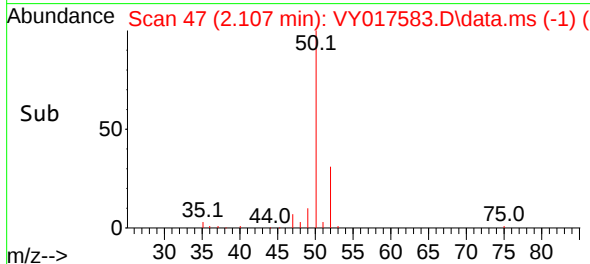
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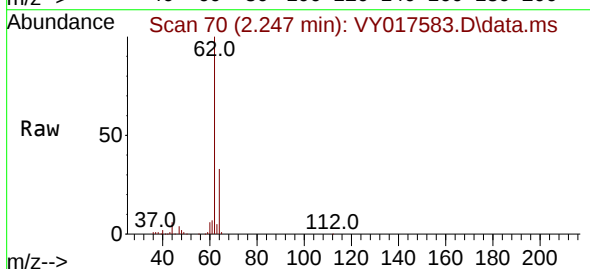
Tgt Ion: 50 Resp: 30298
Ion Ratio Lower Upper
50 100
52 31.2 25.6 38.4

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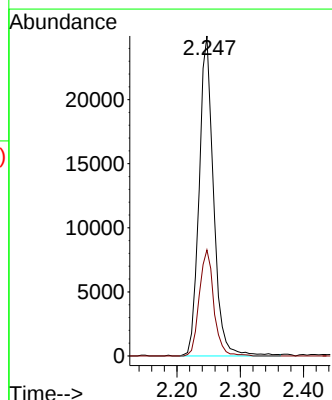
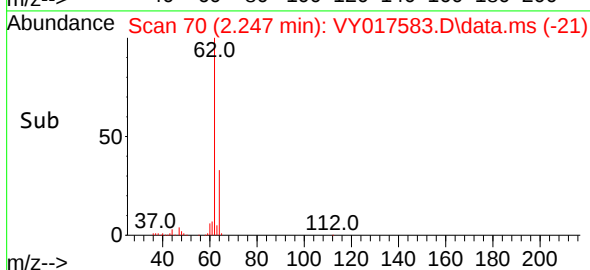
Reviewed By :John Carlone 03/07/2024
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#4
Vinyl Chloride
Concen: 21.344 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



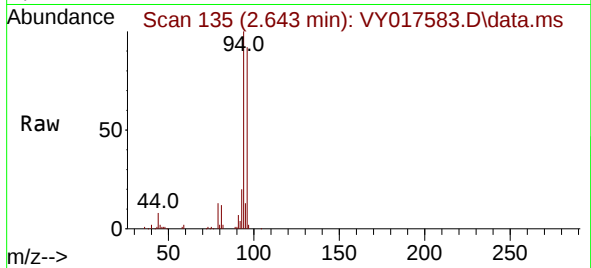
Tgt Ion: 62 Resp: 39738
Ion Ratio Lower Upper
62 100
64 33.2 26.1 39.1





#5
Bromomethane
Concen: 24.081 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

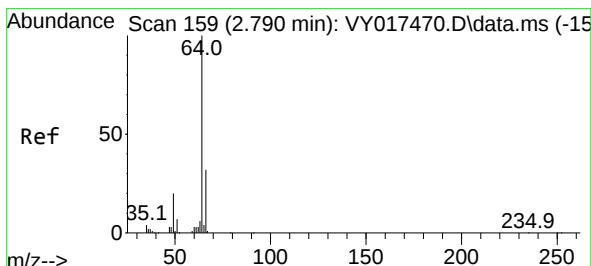
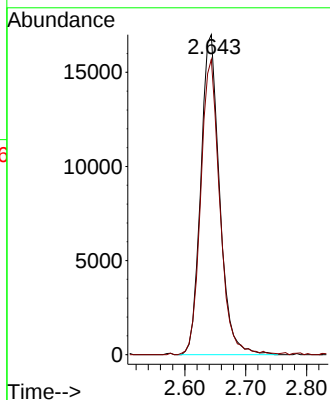
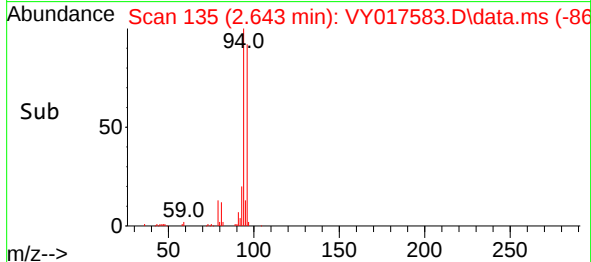
Instrument :
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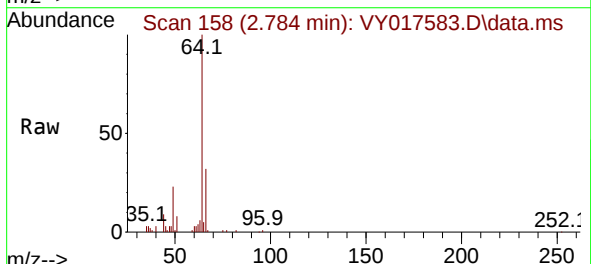
Tgt Ion: 94 Resp: 36530
Ion Ratio Lower Upper
94 100
96 92.3 74.1 111.1

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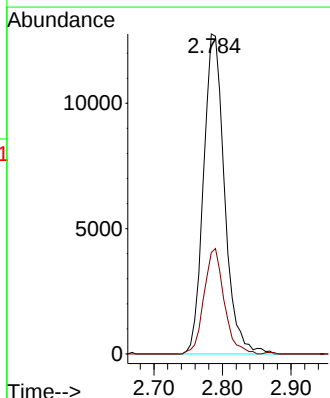
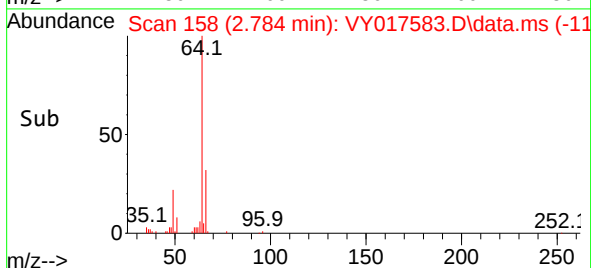
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#6
Chloroethane
Concen: 23.241 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



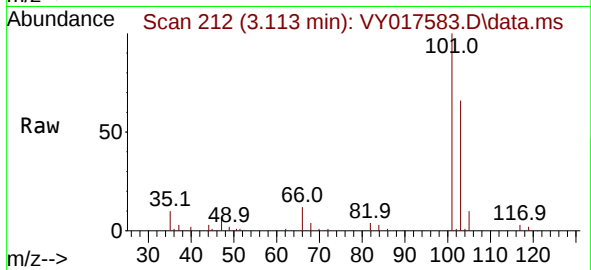
Tgt Ion: 64 Resp: 27296
Ion Ratio Lower Upper
64 100
66 31.7 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 21.874 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY017583.D
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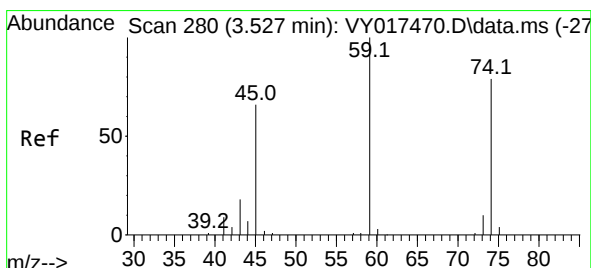
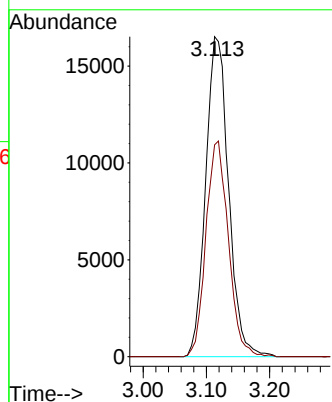
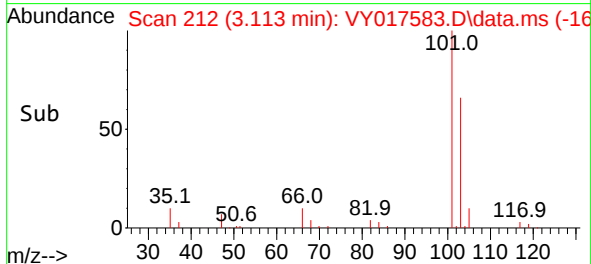
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01



Tgt Ion:101 Resp: 41500
 Ion Ratio Lower Upper
 101 100
 103 66.2 49.3 73.9

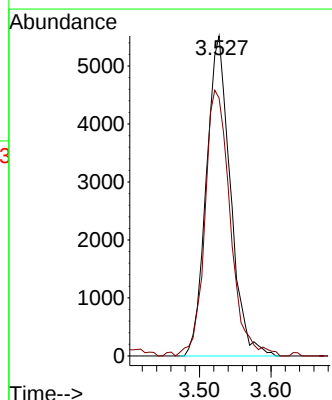
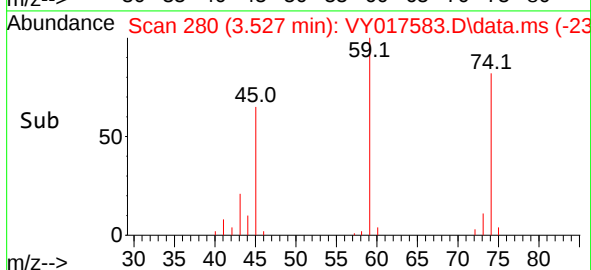
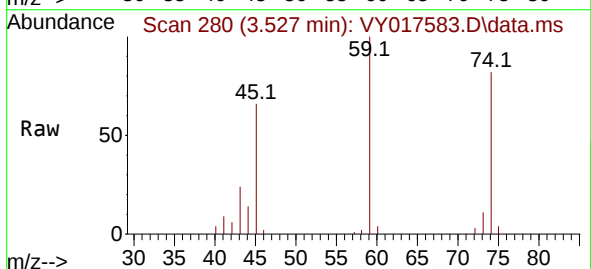
Manual Integrations
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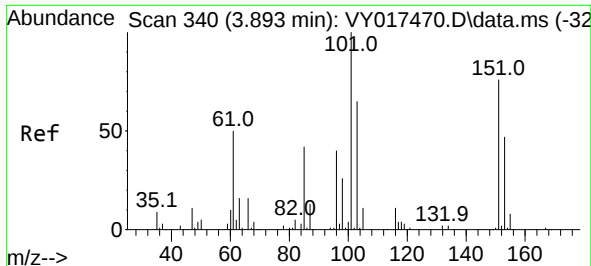
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#8
 Diethyl Ether
 Concen: 23.161 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017583.D
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Tgt Ion: 74 Resp: 12890
 Ion Ratio Lower Upper
 74 100
 45 87.6 41.3 124.1





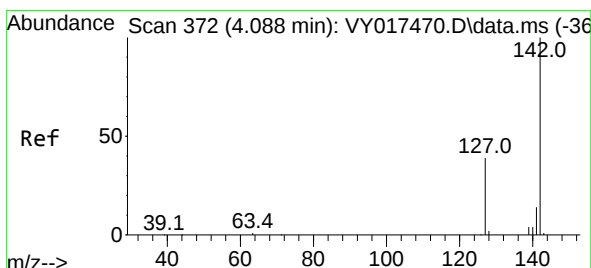
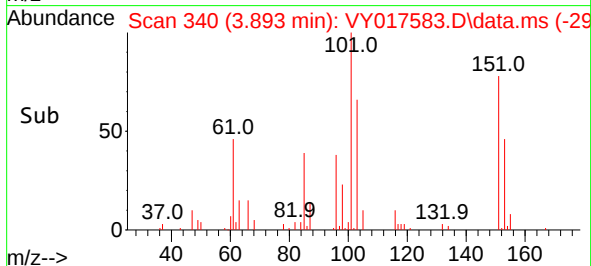
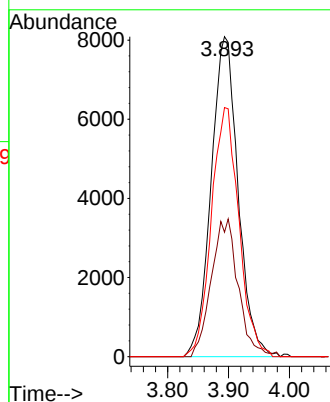
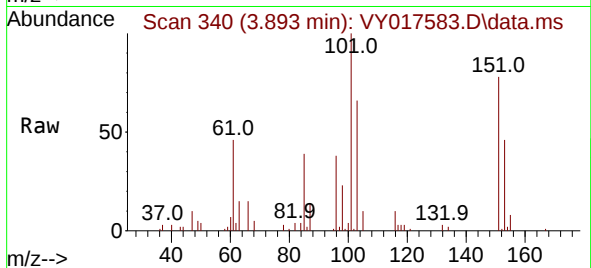
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.828 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017583.D
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Instrument :
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Tgt Ion:101 Resp: 24915
Ion Ratio Lower Upper
101 100
85 43.0 34.5 51.7
151 79.2 61.7 92.5

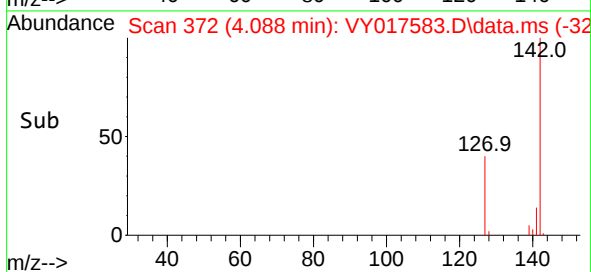
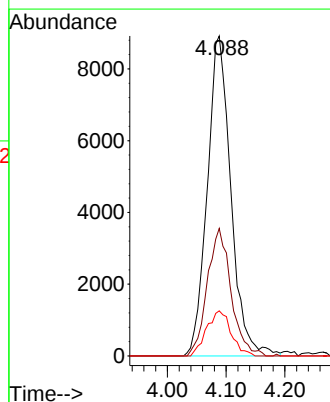
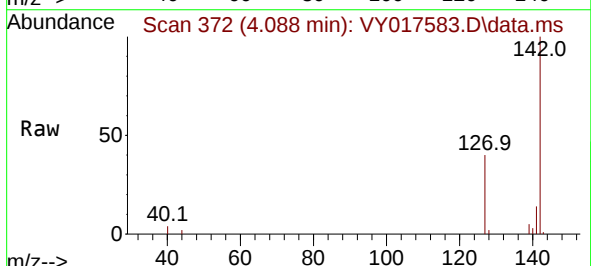
Manual Integrations
APPROVED

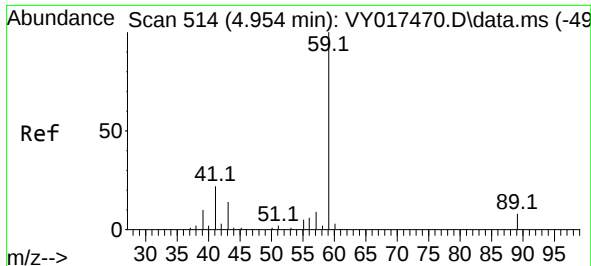
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#10
Methyl Iodide
Concen: 20.346 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

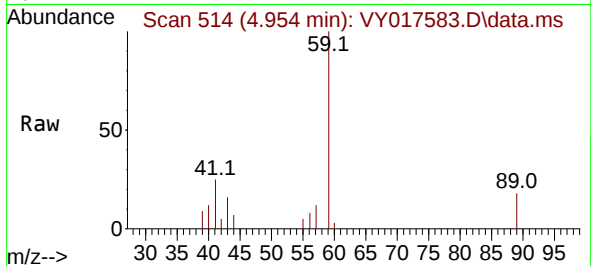
Tgt Ion:142 Resp: 24921
Ion Ratio Lower Upper
142 100
127 40.0 32.8 49.2
141 14.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 111.742 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

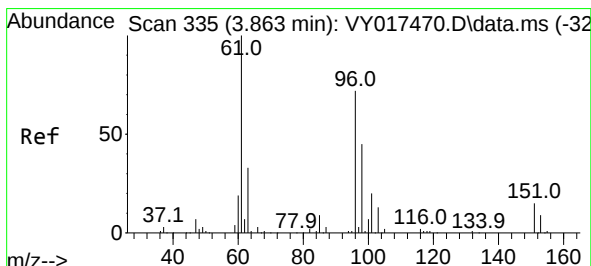
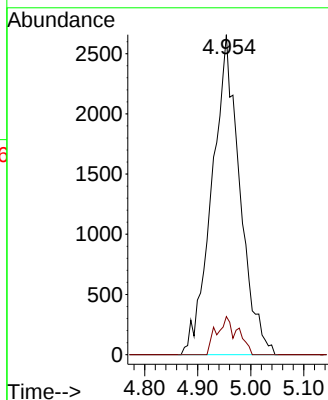
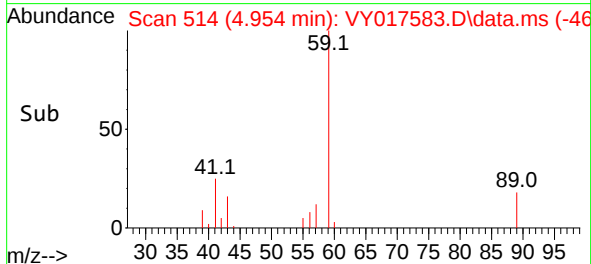
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



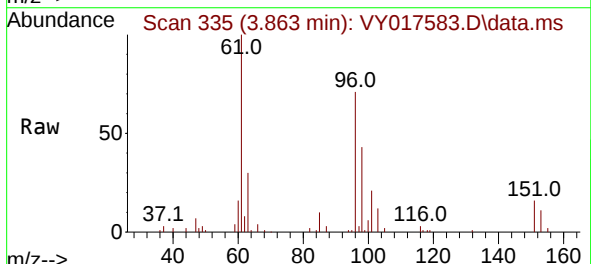
Tgt Ion: 59 Resp: 9680
Ion Ratio Lower Upper
59 100
57 6.2 3.0 4.6

Manual Integrations
APPROVED

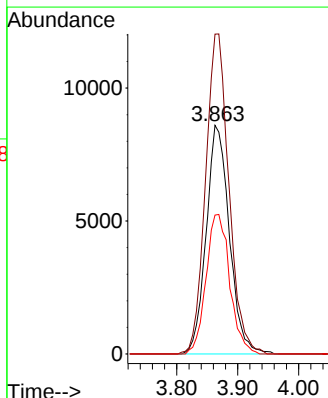
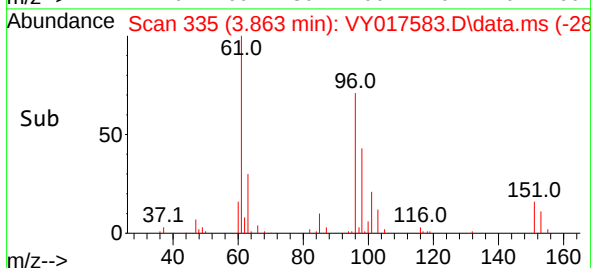
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

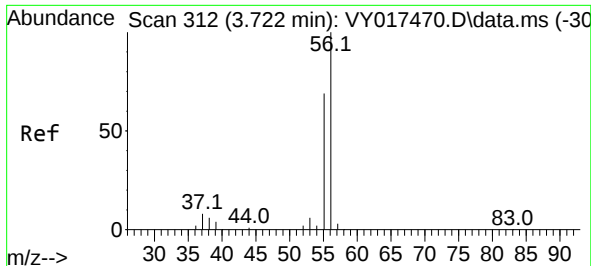


#12
1,1-Dichloroethene
Concen: 22.405 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



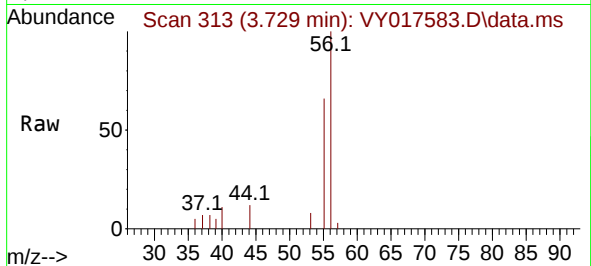
Tgt Ion: 96 Resp: 22789
Ion Ratio Lower Upper
96 100
61 139.9 114.6 171.8
98 60.8 50.8 76.2





#13
Acrolein
Concen: 48.263 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

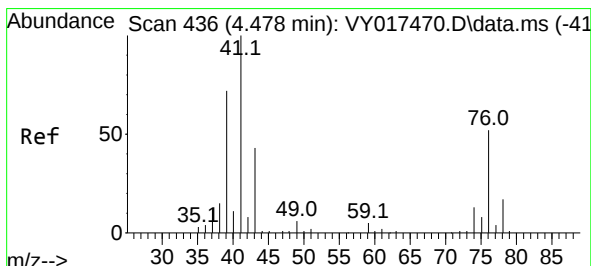
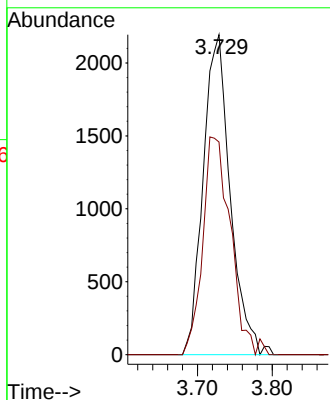
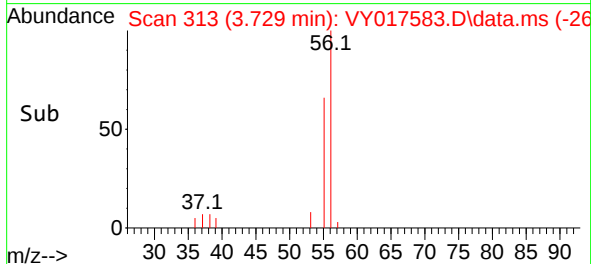
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



Tgt Ion: 56 Resp: 5520
Ion Ratio Lower Upper
56 100
55 69.1 55.7 83.5

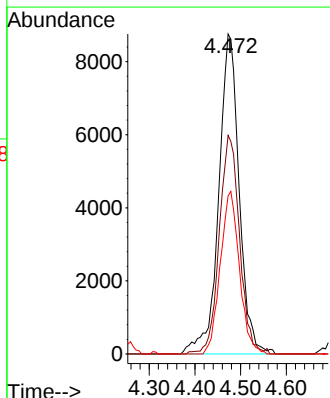
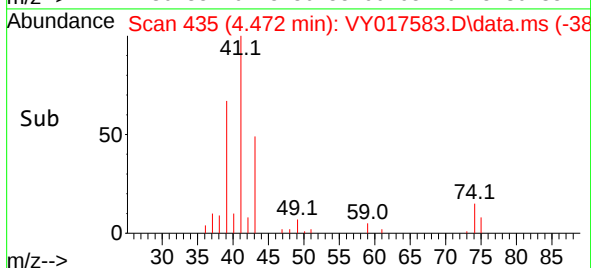
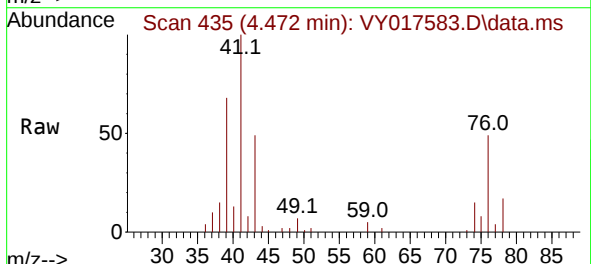
Manual Integrations
APPROVED

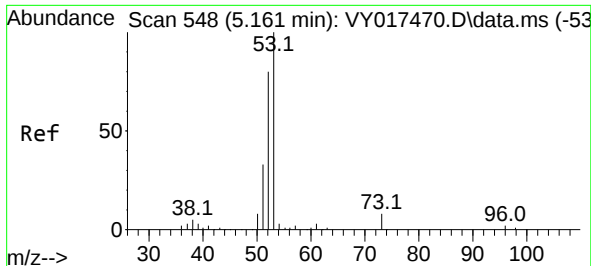
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#14
Allyl chloride
Concen: 22.184 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion: 41 Resp: 27265
Ion Ratio Lower Upper
41 100
39 67.7 58.3 87.5
76 47.4 39.0 58.6





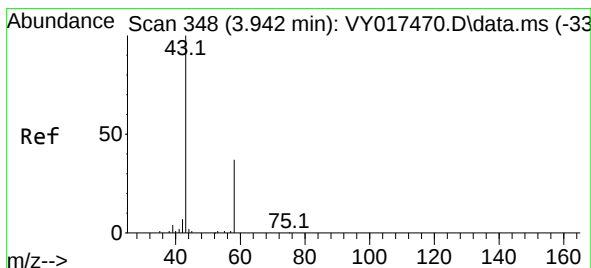
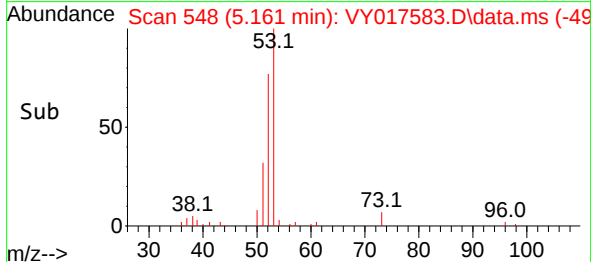
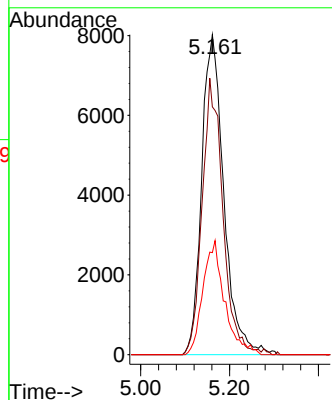
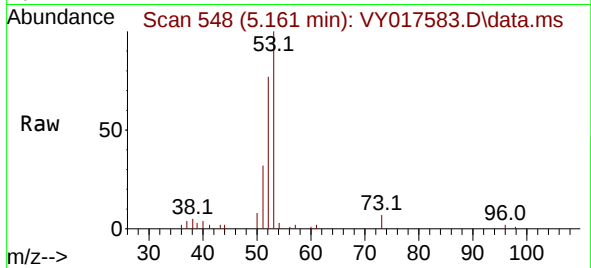
#15
Acrylonitrile
Concen: 121.570 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion: 53 Resp: 2781
Ion Ratio Lower Upper
53 100
52 80.4 64.7 97.1
51 34.9 28.4 42.6

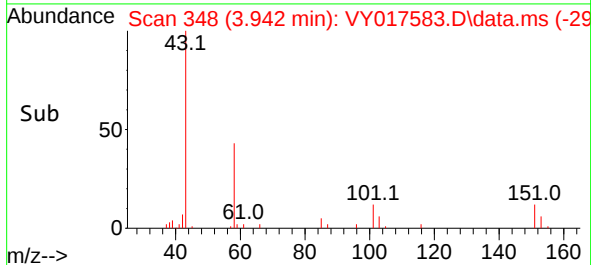
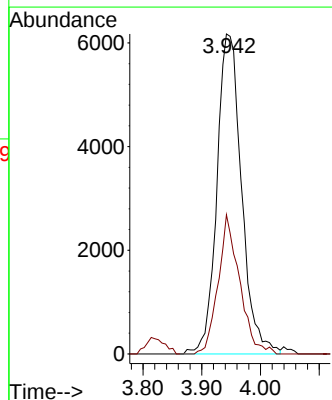
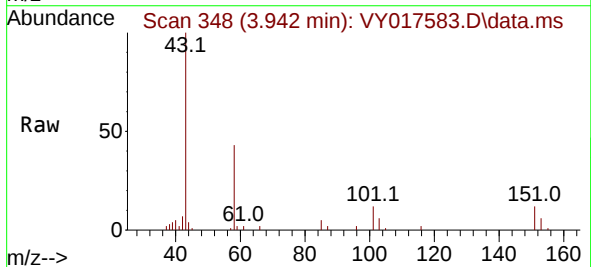
Manual Integrations
APPROVED

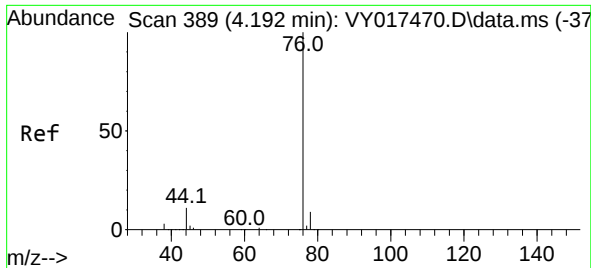
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#16
Acetone
Concen: 90.866 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion: 43 Resp: 17985
Ion Ratio Lower Upper
43 100
58 43.5 31.7 47.5





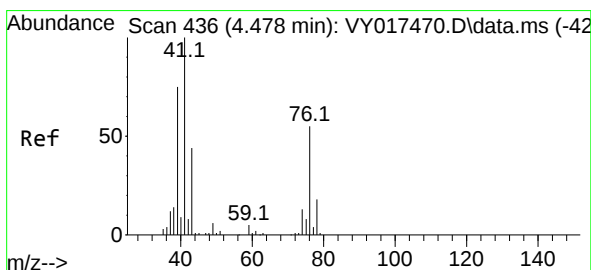
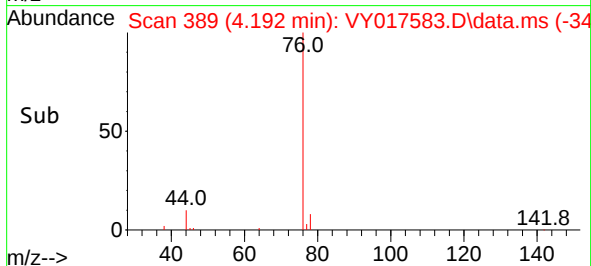
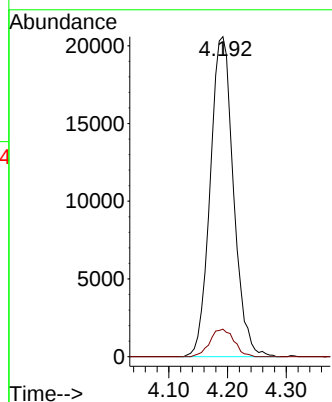
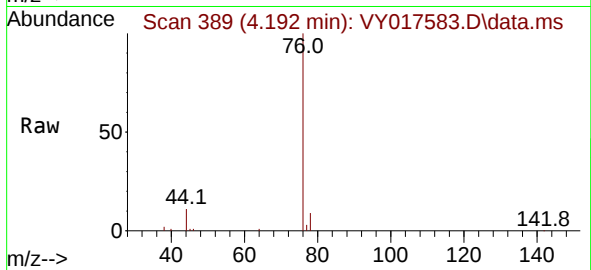
#17
Carbon Disulfide
Concen: 18.554 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion: 76 Resp: 5664
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

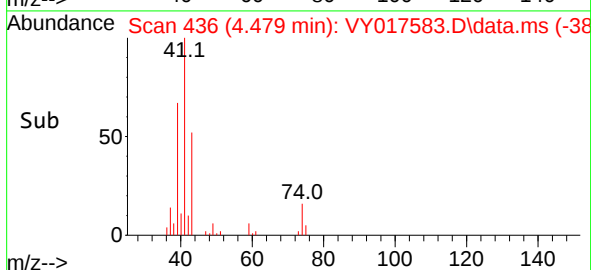
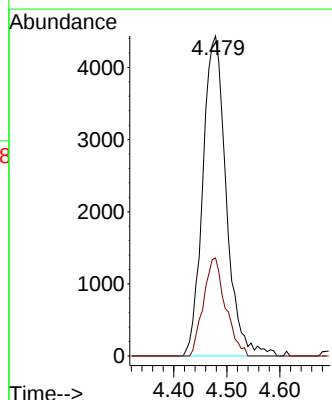
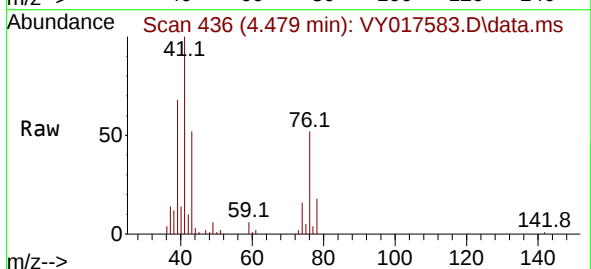
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 28.356 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

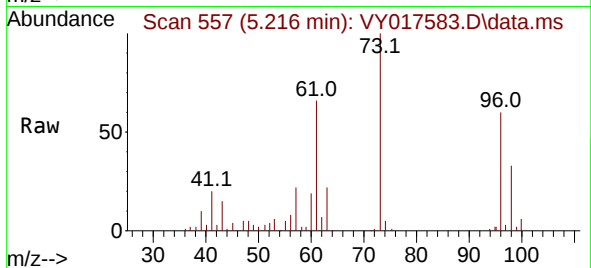
Tgt Ion: 43 Resp: 13616
Ion Ratio Lower Upper
43 100
74 28.7 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 23.317 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

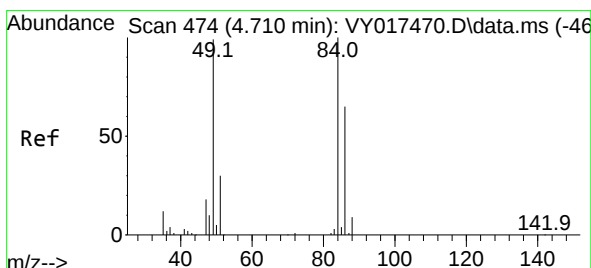
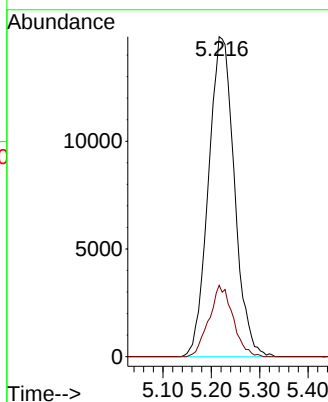
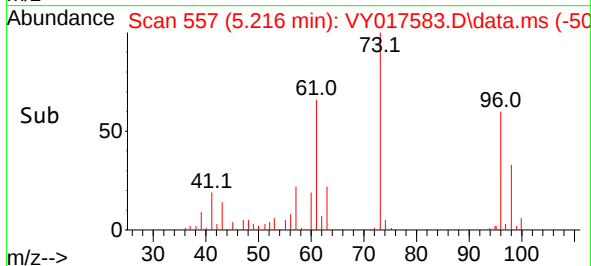
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



Tgt Ion: 73 Resp: 55279
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

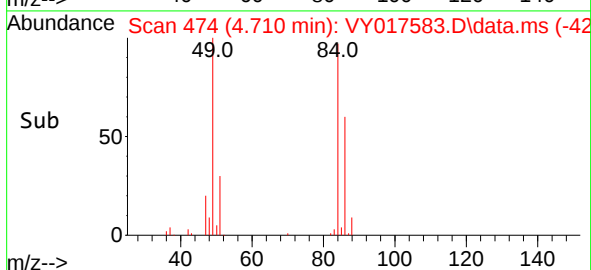
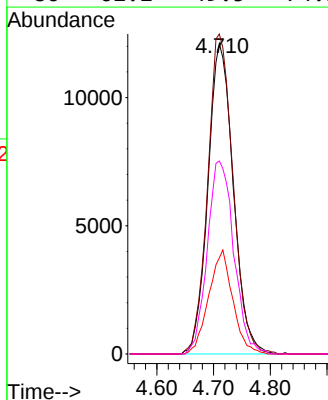
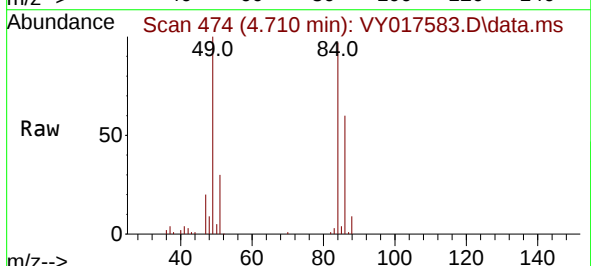
Manual Integrations
APPROVED

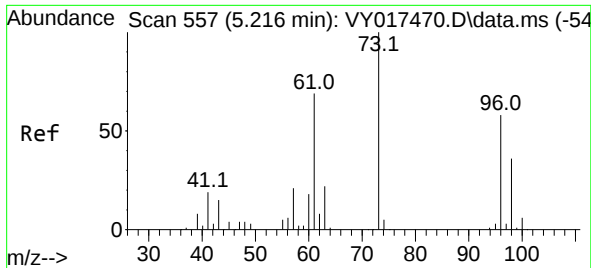
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#20
Methylene Chloride
Concen: 30.136 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

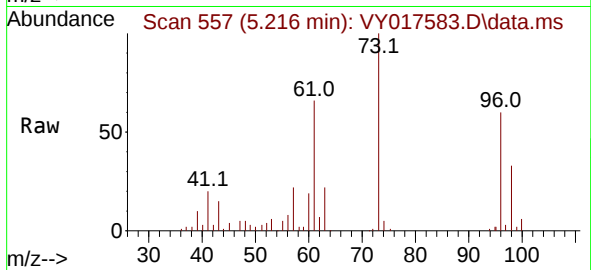
Tgt Ion: 84 Resp: 37575
Ion Ratio Lower Upper
84 100
49 103.1 84.4 126.6
51 30.9 26.0 39.0
86 62.2 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 22.831 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

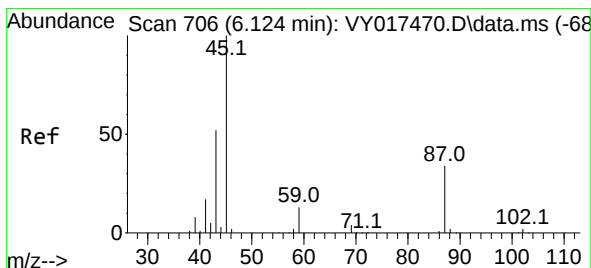
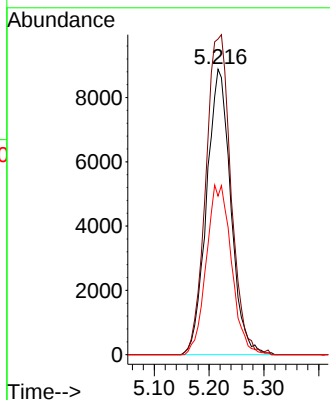
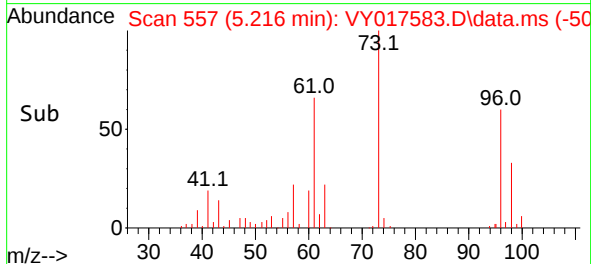
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



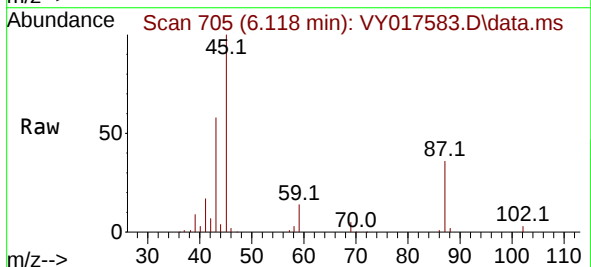
Tgt Ion: 96 Resp: 2719
Ion Ratio Lower Upper
96 100
61 110.6 97.5 146.3
98 55.5 50.5 75.7

Manual Integrations
APPROVED

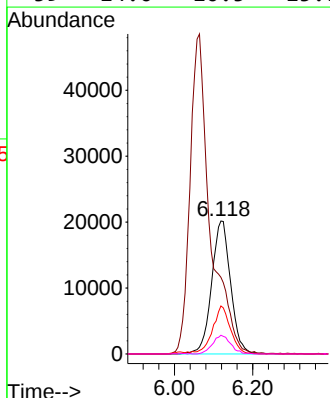
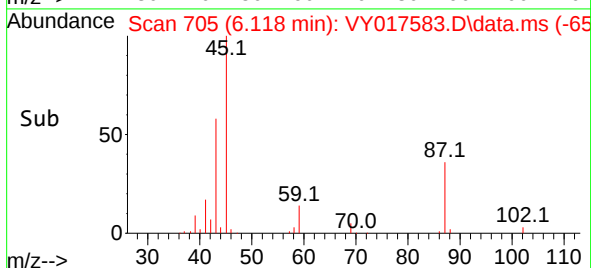
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

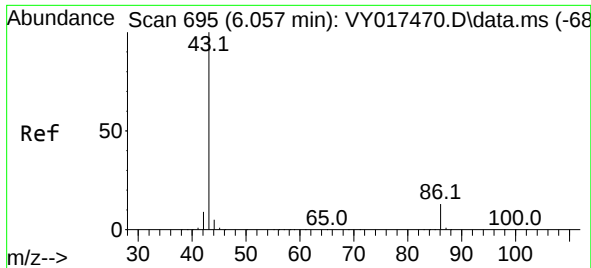


#22
Diisopropyl ether
Concen: 23.948 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



Tgt Ion: 45 Resp: 67917
Ion Ratio Lower Upper
45 100
43 57.3 42.2 63.2
87 36.1 25.0 37.6
59 14.0 10.5 15.7





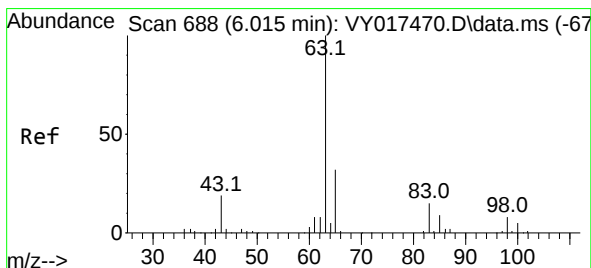
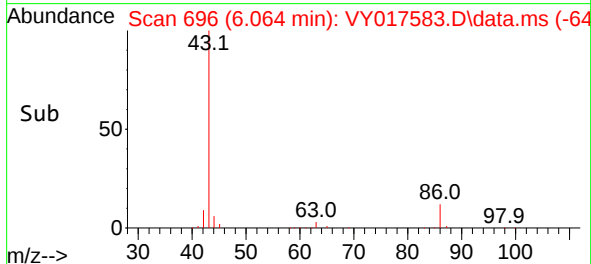
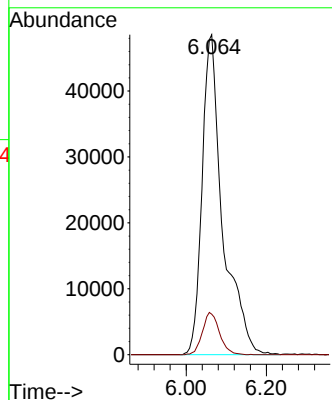
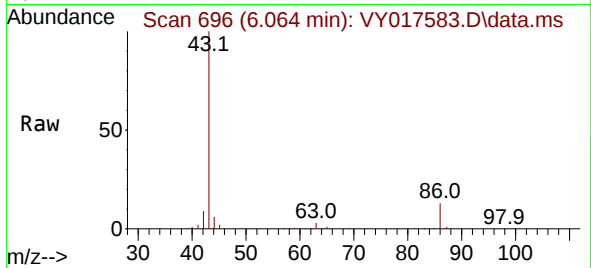
#23
 Vinyl Acetate
 Concen: 102.493 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY017583.D
 Acq: 06 Mar 2024 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Tgt Ion: 43 Resp: 17321
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0

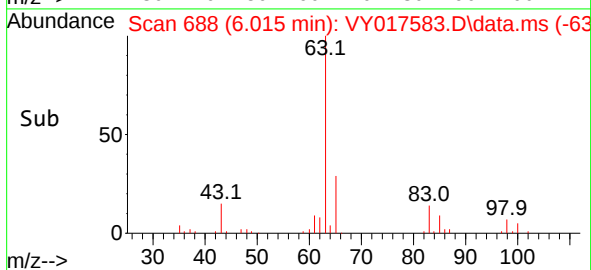
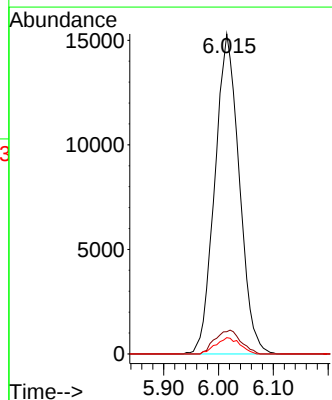
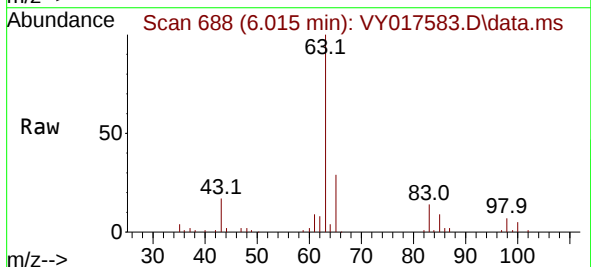
Manual Integrations
 APPROVED

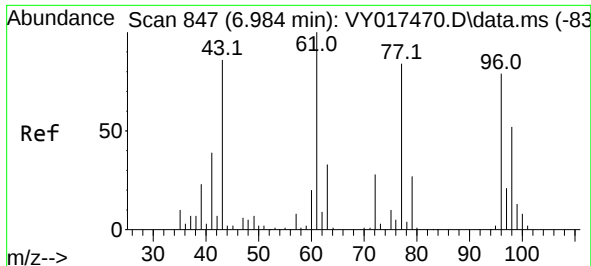
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#24
 1,1-Dichloroethane
 Concen: 24.441 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017583.D
 Acq: 06 Mar 2024 10:37

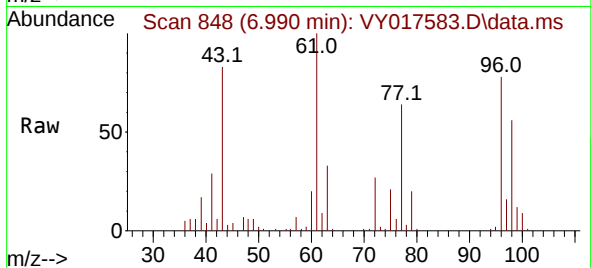
Tgt Ion: 63 Resp: 47356
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 5.1 2.6 8.0





#25
2-Butanone
Concen: 107.338 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

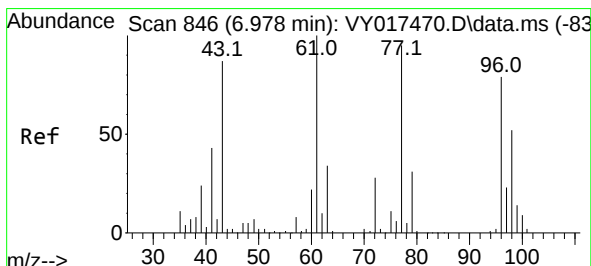
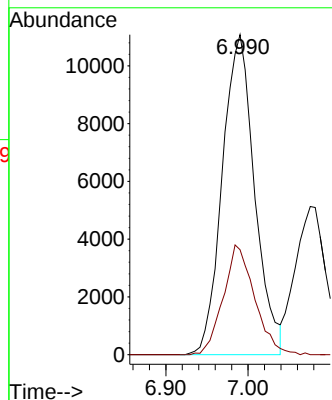
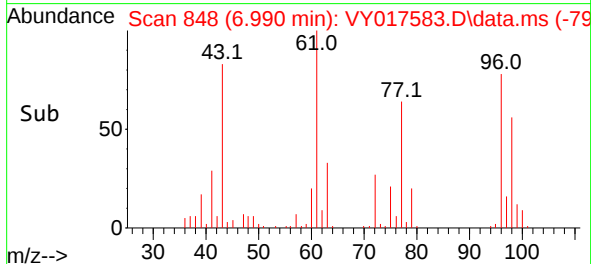
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



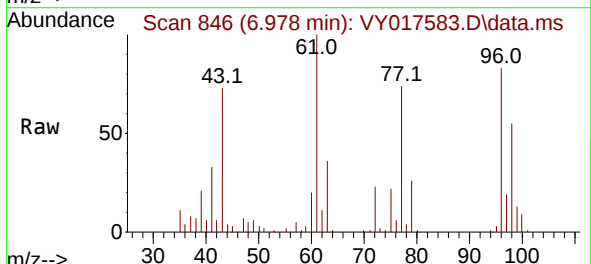
Tgt Ion: 43 Resp: 3027
Ion Ratio Lower Upper
43 100
72 32.8 27.3 40.9

Manual Integrations
APPROVED

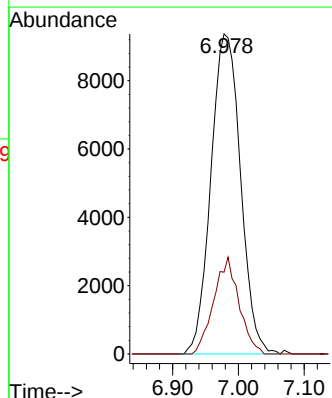
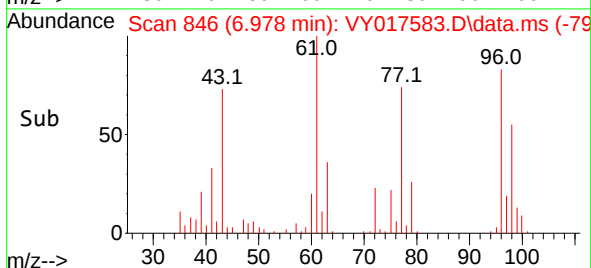
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

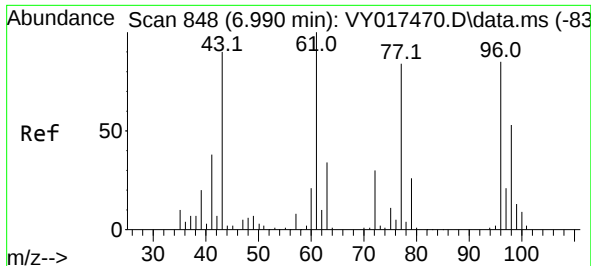


#26
2,2-Dichloropropane
Concen: 18.015 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



Tgt Ion: 77 Resp: 29347
Ion Ratio Lower Upper
77 100
97 25.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 23.552 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tgt Ion: 96 Resp: 3149

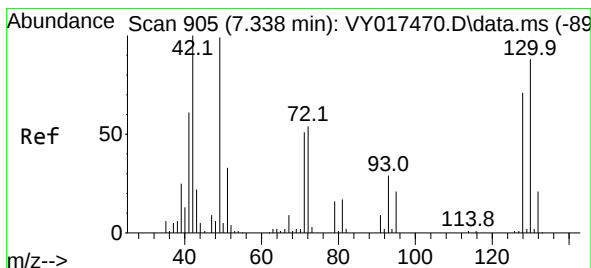
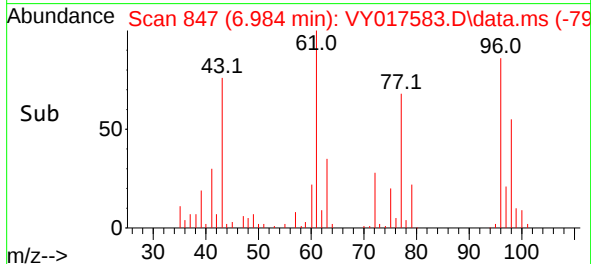
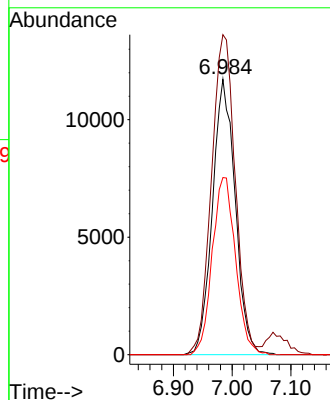
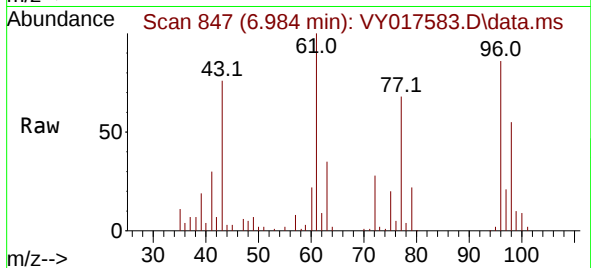
Ion	Ratio	Lower	Upper
96	100		
61	121.7	0.0	256.2
98	66.0	0.0	130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#28

Bromochloromethane

Concen: 24.709 ug/l

RT: 7.338 min Scan# 905

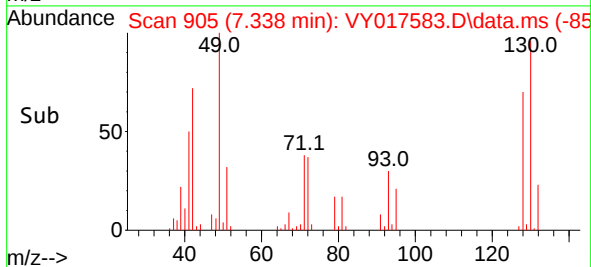
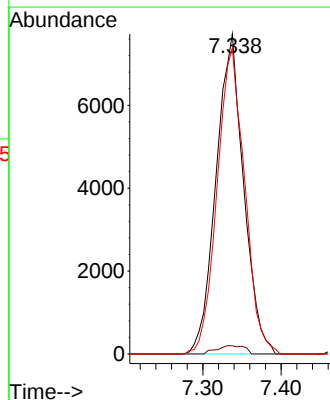
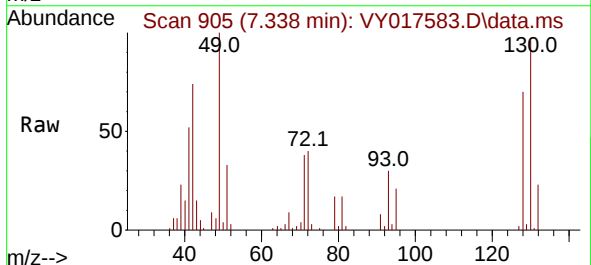
Delta R.T. 0.000 min

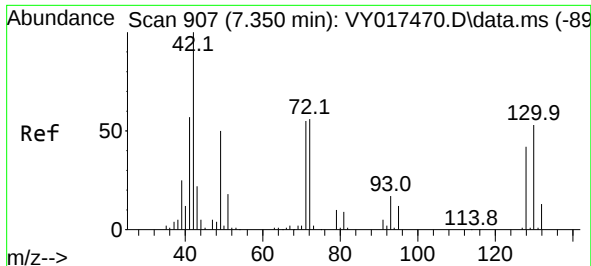
Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Tgt Ion: 49 Resp: 18855

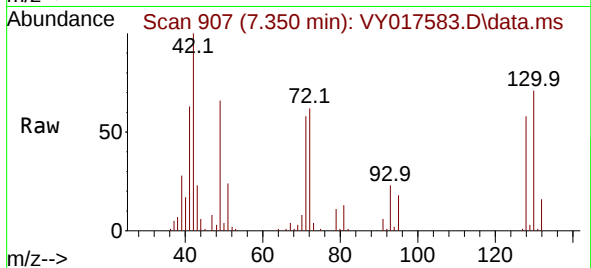
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	95.7	72.7	109.1





#29
Tetrahydrofuran
Concen: 116.352 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

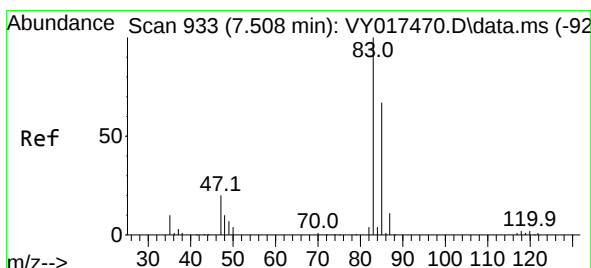
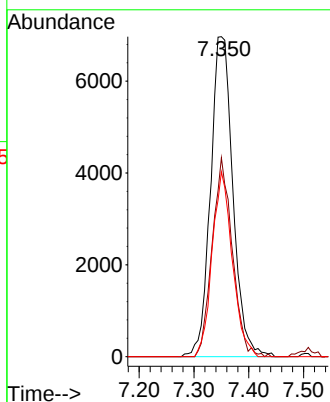
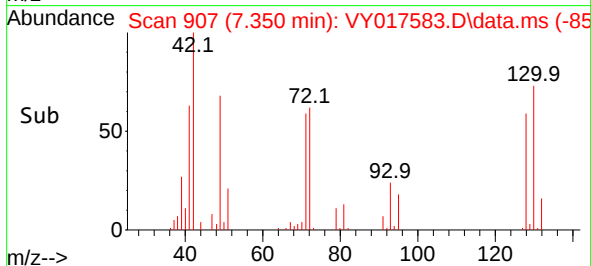
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



Tgt Ion: 42 Resp: 19784
Ion Ratio Lower Upper
42 100
72 56.0 43.0 64.4
71 52.1 40.8 61.2

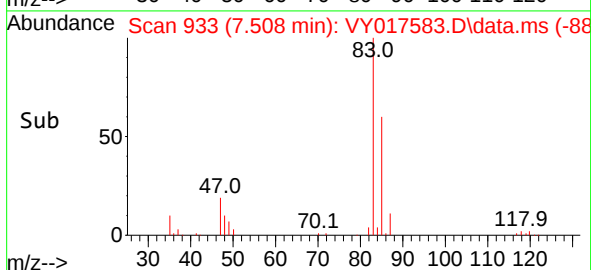
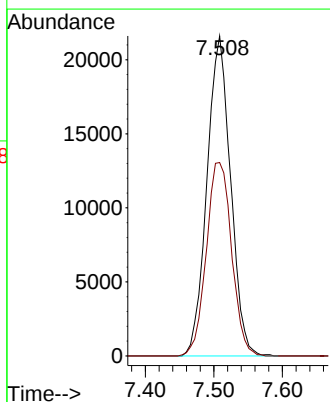
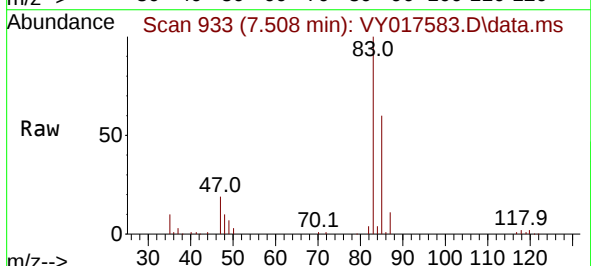
Manual Integrations
APPROVED

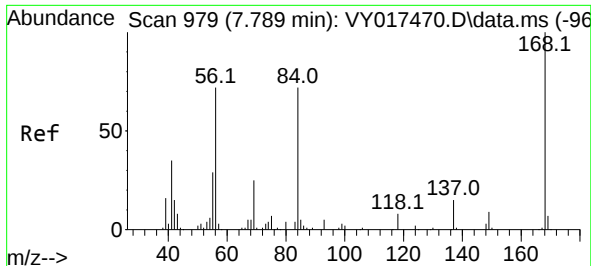
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#30
Chloroform
Concen: 25.109 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

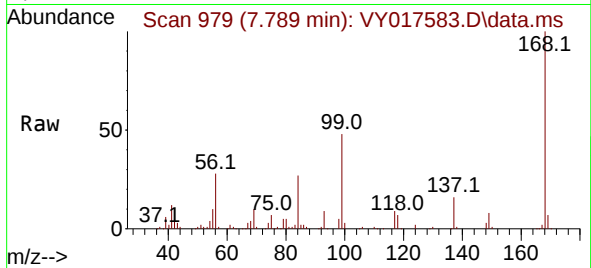
Tgt Ion: 83 Resp: 51796
Ion Ratio Lower Upper
83 100
85 60.5 52.2 78.4





#31
Cyclohexane
Concen: 19.586 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

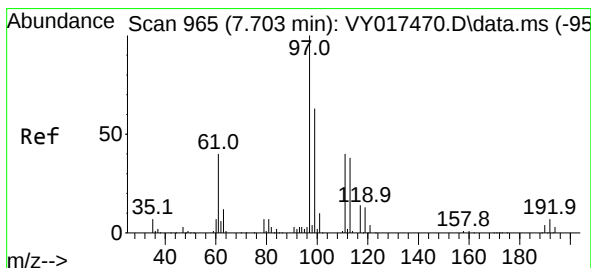
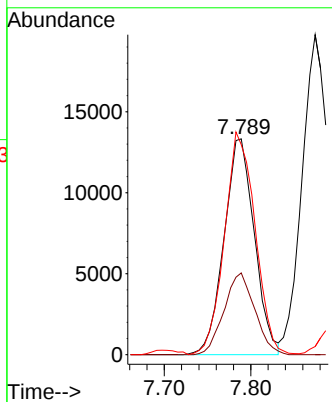
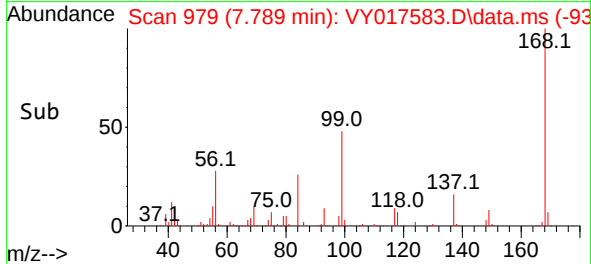
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



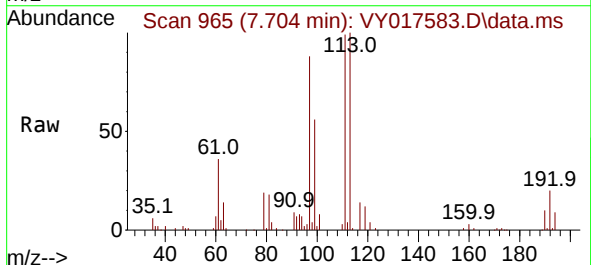
Tgt Ion: 56 Resp: 32520
Ion Ratio Lower Upper
56 100
69 37.8 28.7 43.1
84 96.1 77.7 116.5

Manual Integrations
APPROVED

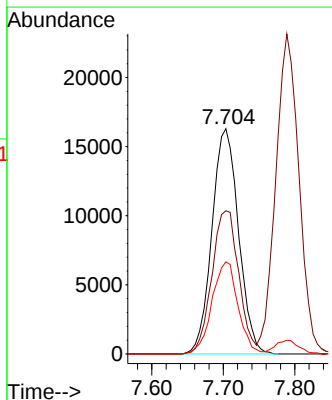
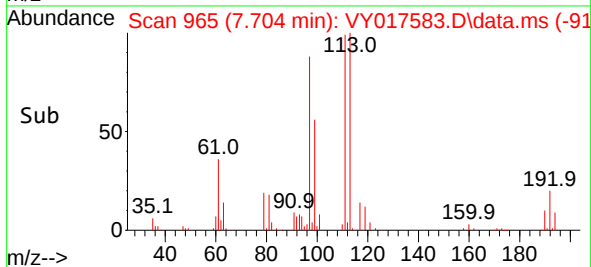
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

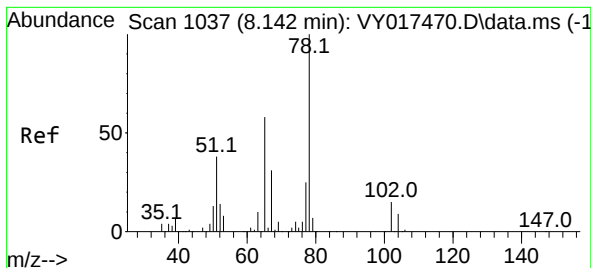


#32
1,1,1-Trichloroethane
Concen: 23.488 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



Tgt Ion: 97 Resp: 42066
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 40.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 58.916 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tgt Ion: 65 Resp: 6012

Ion Ratio Lower Upper

65 100

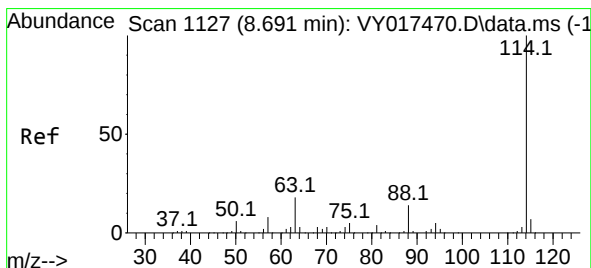
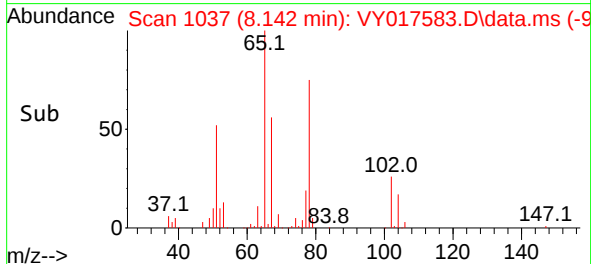
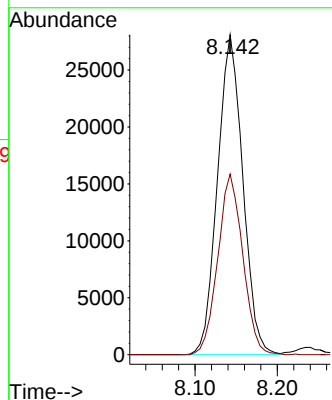
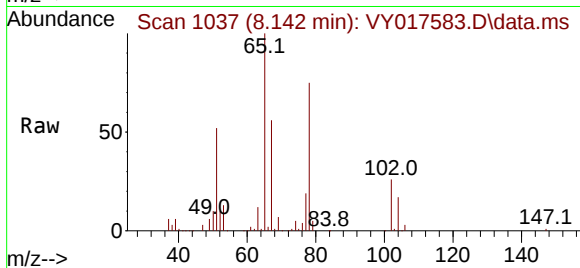
67 55.7 0.0 109.6

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: VY017583.D

Acq: 06 Mar 2024 10:37

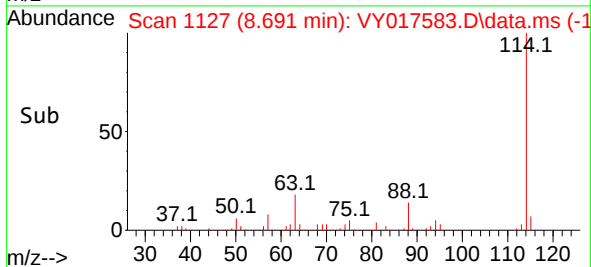
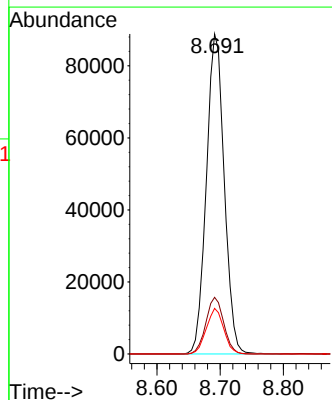
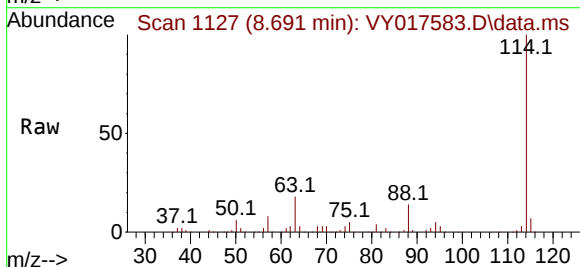
Tgt Ion:114 Resp: 174912

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

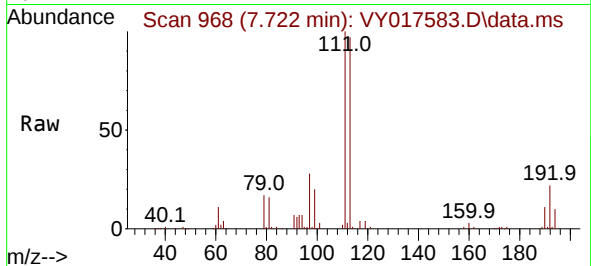
88 14.3 0.0 27.2





#35
Dibromofluoromethane
Concen: 56.551 ug/l
RT: 7.722 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

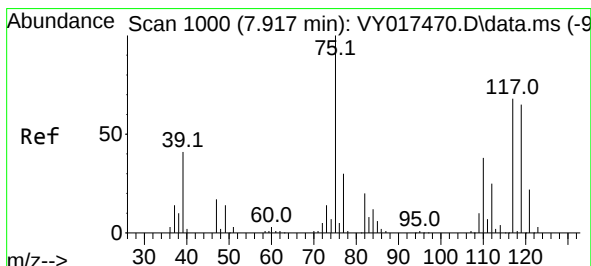
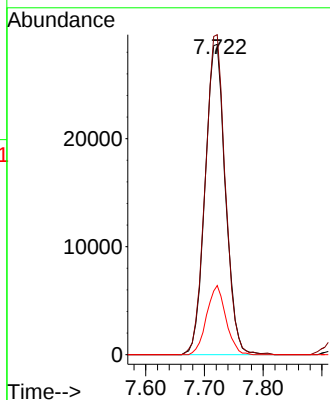
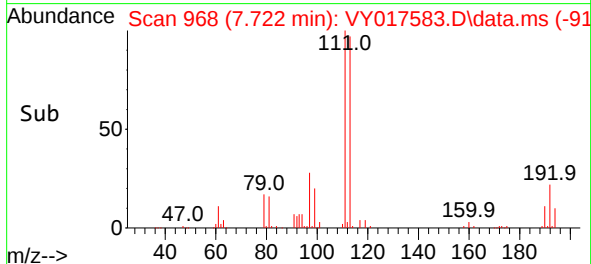
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



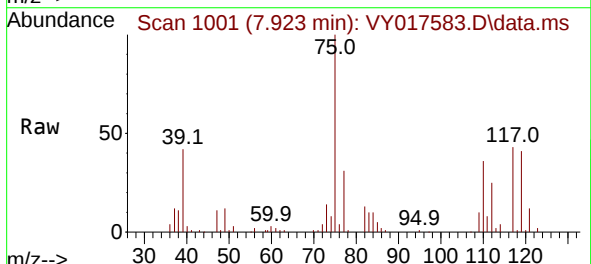
Tgt Ion: 113 Resp: 6892
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 21.2 15.9 23.9

Manual Integrations
APPROVED

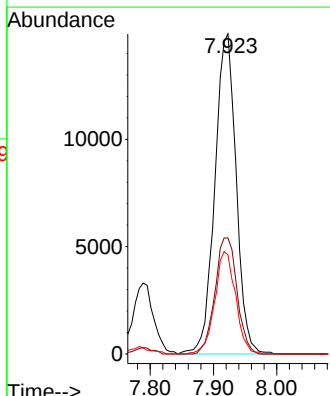
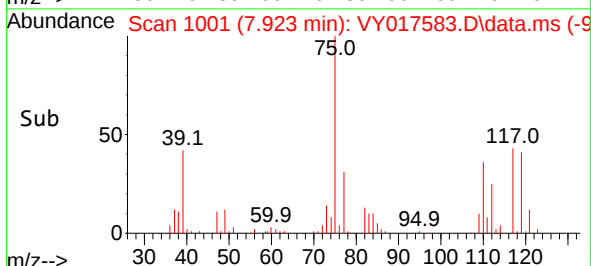
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

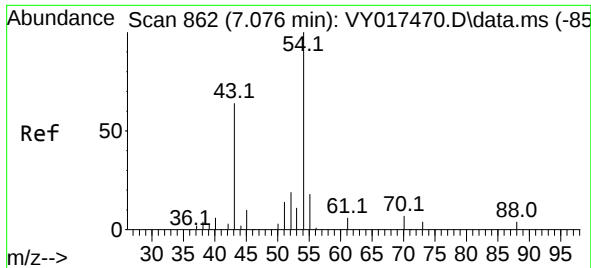


#36
1,1-Dichloropropene
Concen: 21.195 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



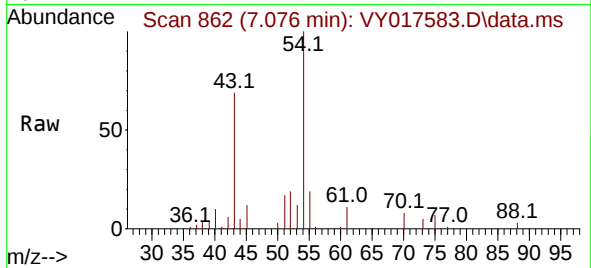
Tgt Ion: 75 Resp: 34854
Ion Ratio Lower Upper
75 100
110 37.4 19.0 57.0
77 31.3 25.3 37.9





#37
Ethyl Acetate
Concen: 22.283 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

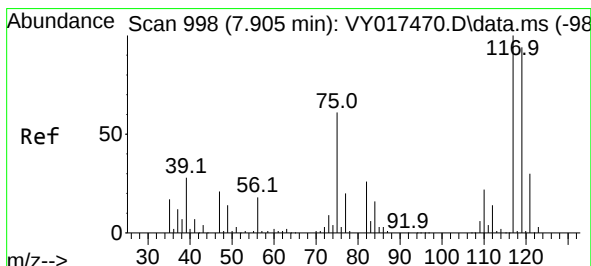
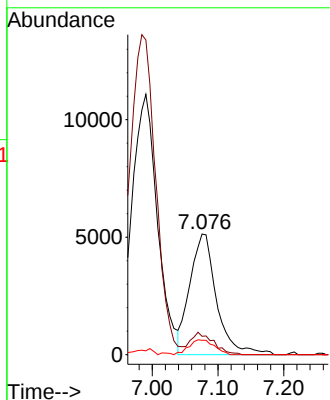
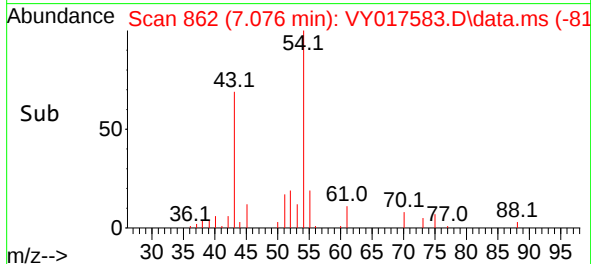
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
61 16.1 12.6 19.0
70 11.6 7.8 11.8

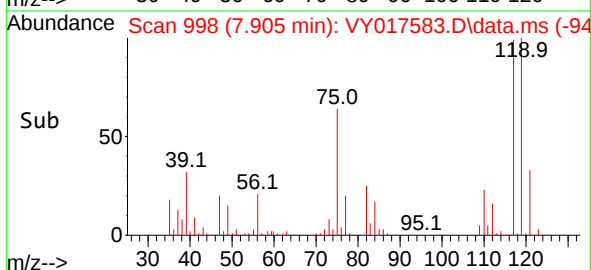
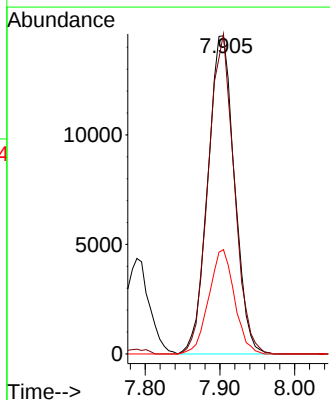
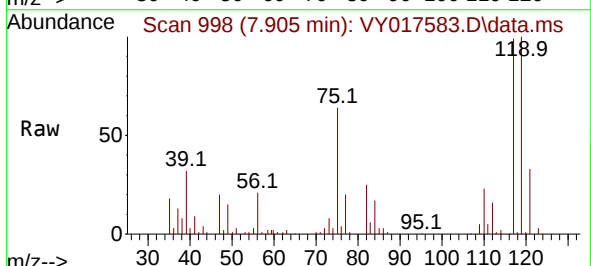
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 21.858 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion:117 Resp: 36025
Ion Ratio Lower Upper
117 100
119 100.6 75.8 113.6
121 32.8 24.0 36.0





#39

Methylcyclohexane

Concen: 18.413 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tgt Ion: 83 Resp: 36389

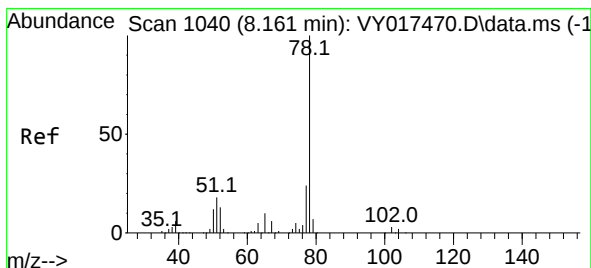
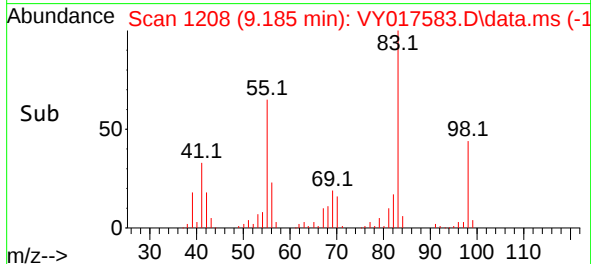
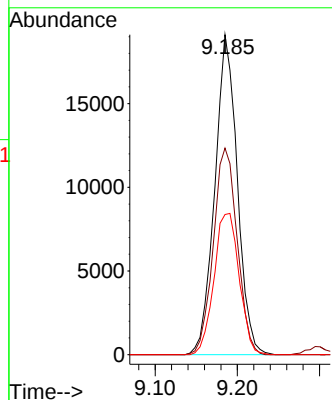
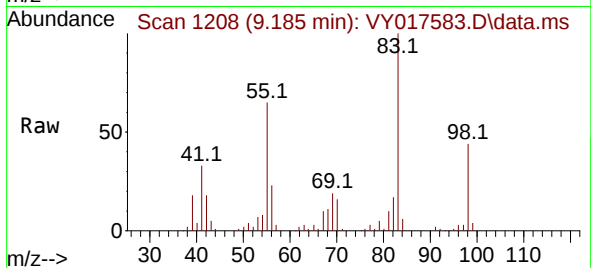
Ion	Ratio	Lower	Upper
83	100		
55	64.5	51.5	77.3
98	43.8	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#40

Benzene

Concen: 22.998 ug/l

RT: 8.161 min Scan# 1040

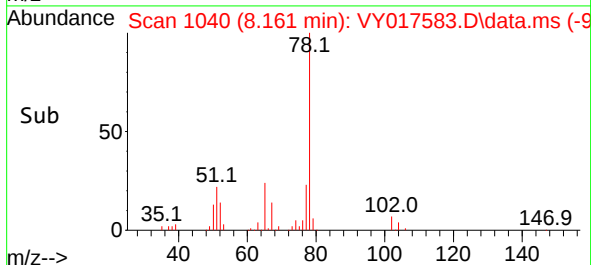
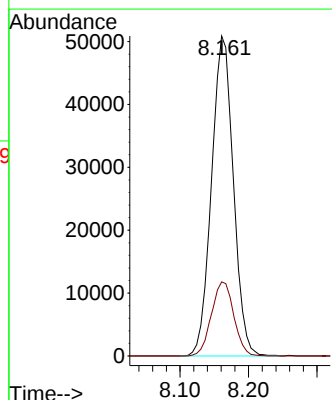
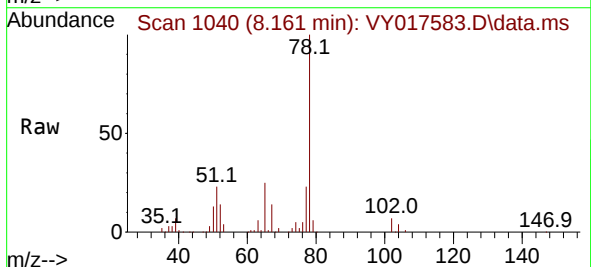
Delta R.T. 0.000 min

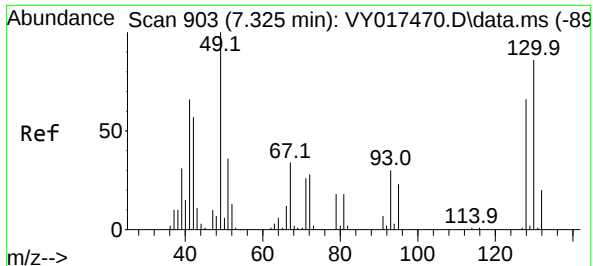
Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Tgt Ion: 78 Resp: 112314

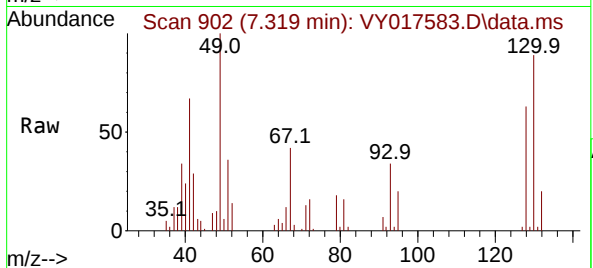
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.5	29.3





#41
Methacrylonitrile
Concen: 24.661 ug/l m
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

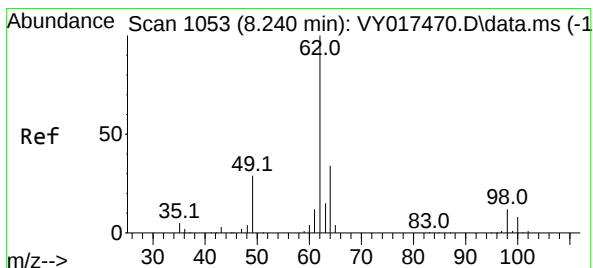
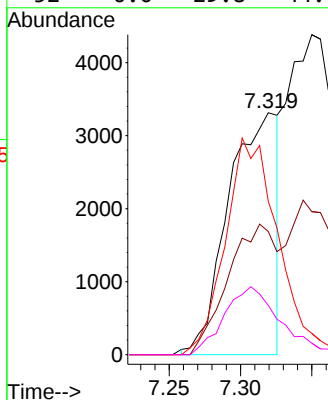
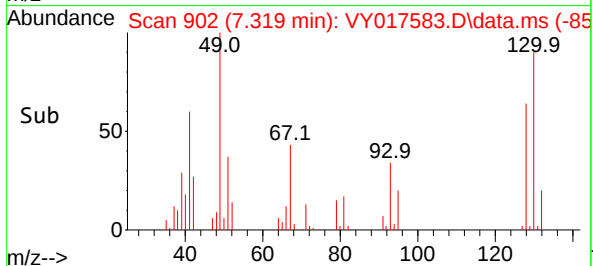
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



Tgt Ion: 41 Resp: 8038
Ion Ratio Lower Upper
41 100
39 59.3 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6#

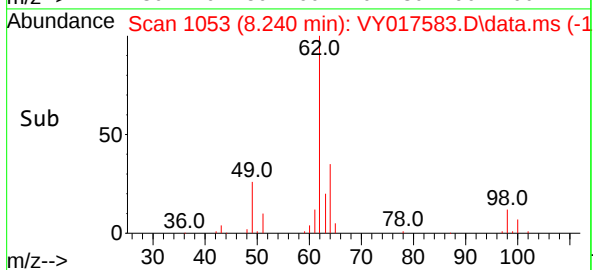
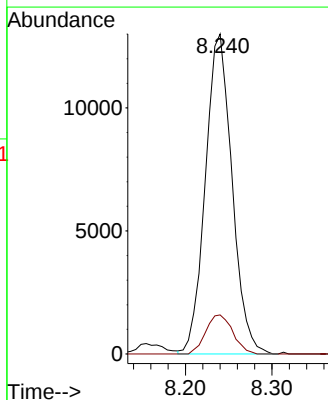
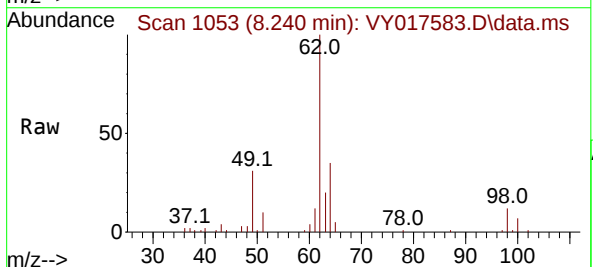
Manual Integrations
APPROVED

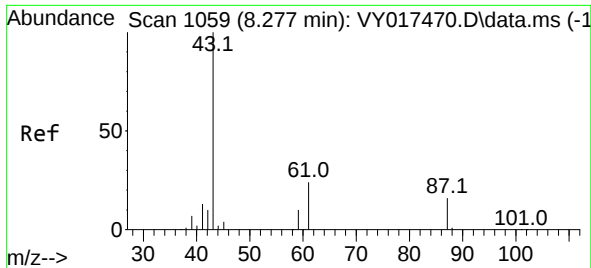
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#42
1,2-Dichloroethane
Concen: 23.377 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion: 62 Resp: 27855
Ion Ratio Lower Upper
62 100
98 12.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 22.309 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

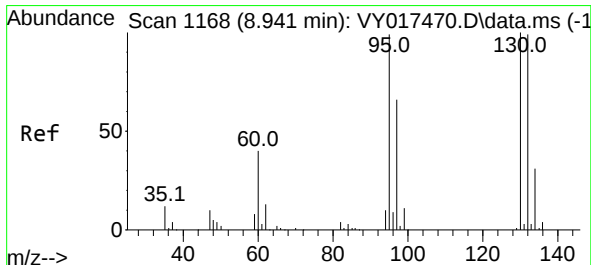
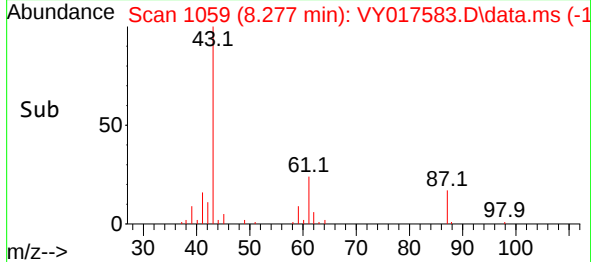
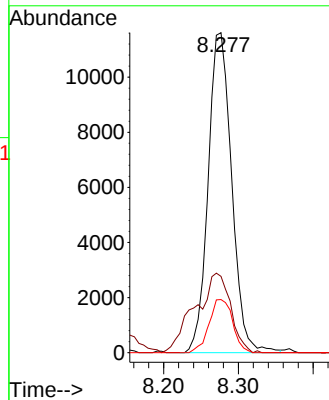
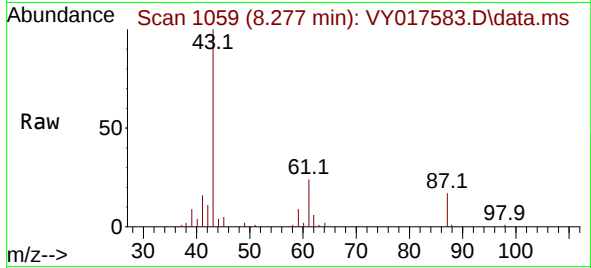
Tgt Ion: 43	Resp: 2546
Ion Ratio	Lower Upper
43	100
61	37.3 27.9 41.9
87	16.6 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#44

Trichloroethene

Concen: 22.426 ug/l

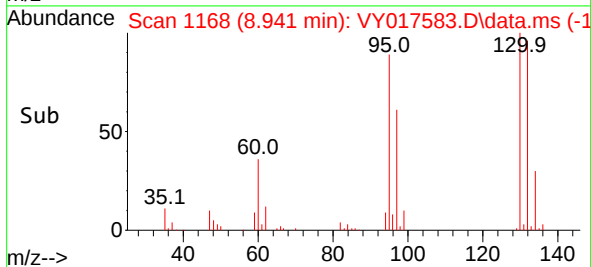
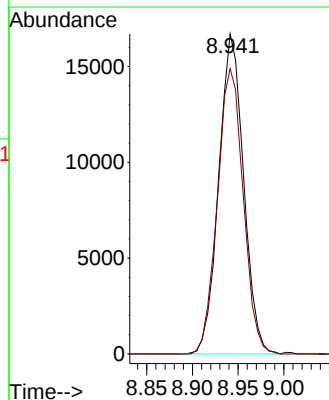
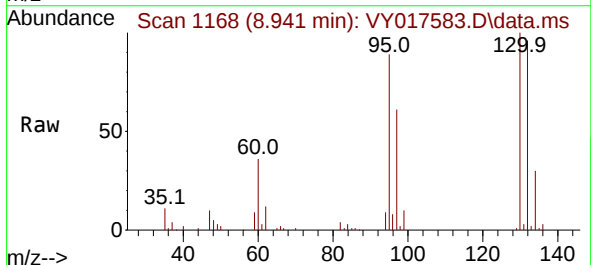
RT: 8.941 min Scan# 1168

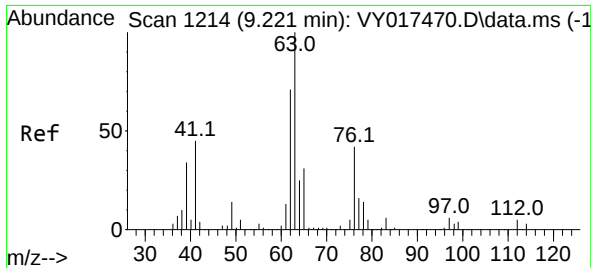
Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Tgt Ion:130	Resp: 31567
Ion Ratio	Lower Upper
130	100
95	89.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 23.164 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tgt Ion: 63 Resp: 26914

Ion Ratio Lower Upper

63 100

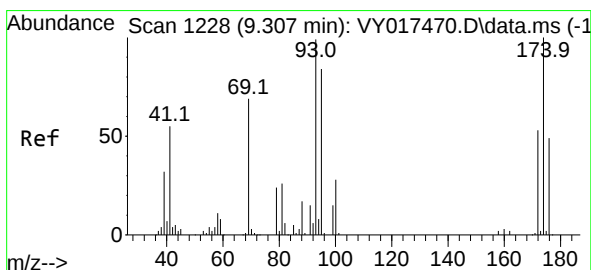
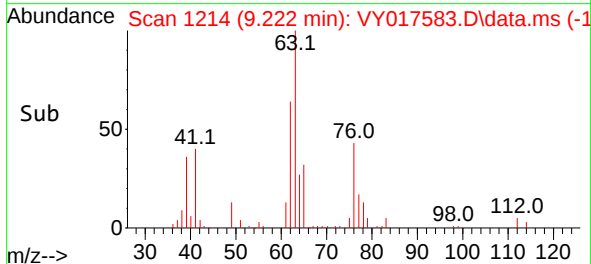
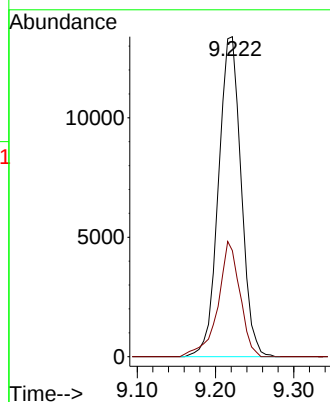
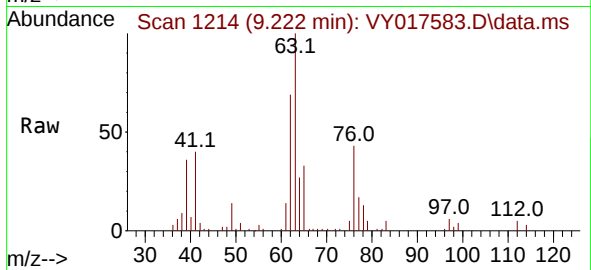
65 33.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#46

Dibromomethane

Concen: 23.681 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

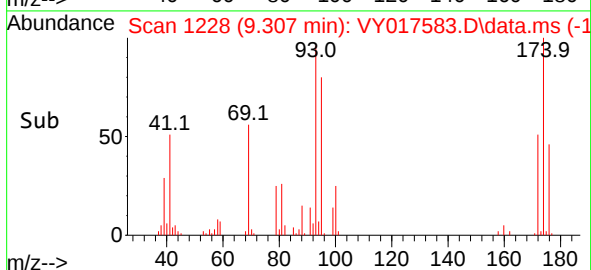
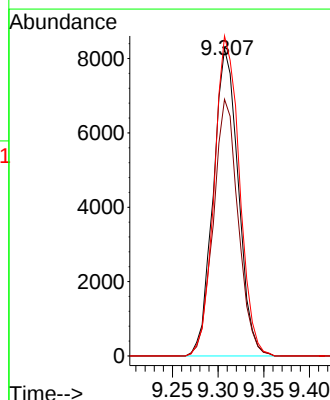
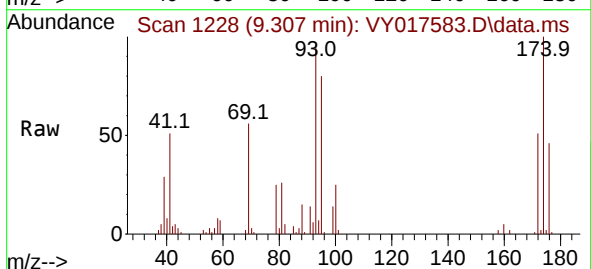
Tgt Ion: 93 Resp: 15747

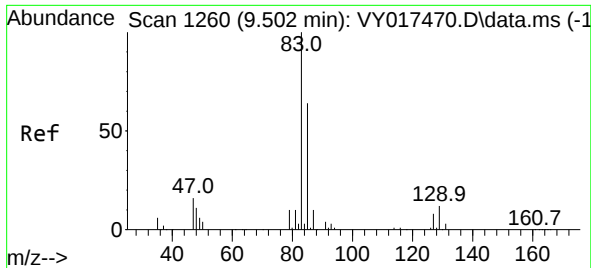
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 104.8 80.9 121.3





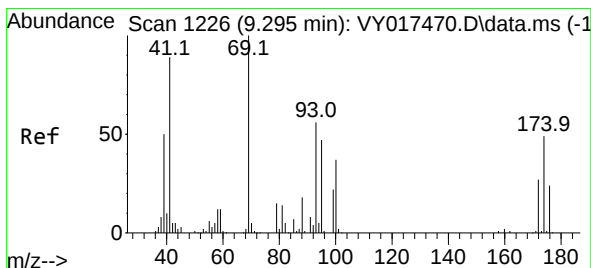
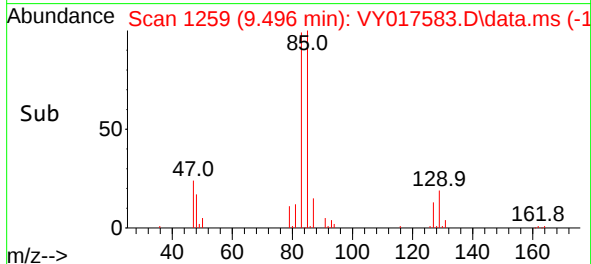
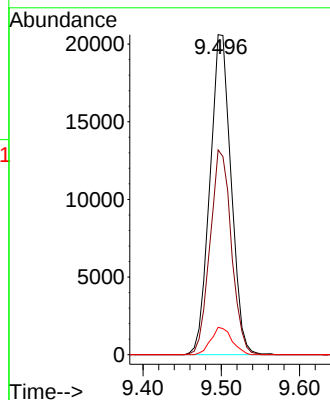
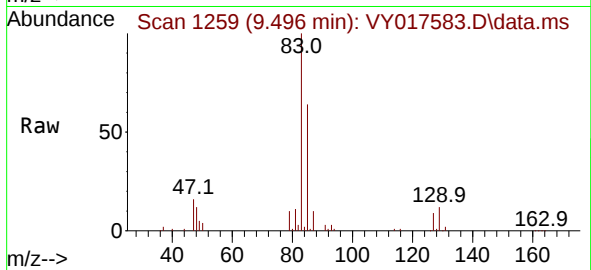
#47
Bromodichloromethane
Concen: 23.995 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion: 83 Resp: 3874
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.5 7.4 11.0

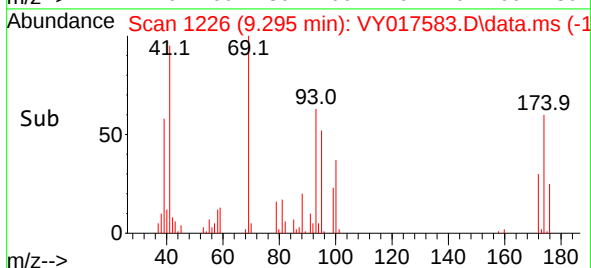
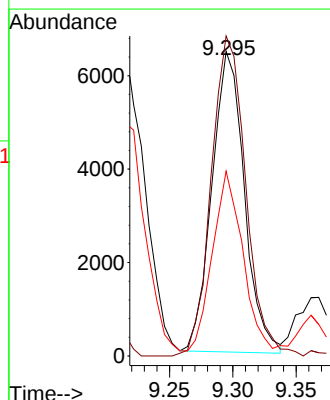
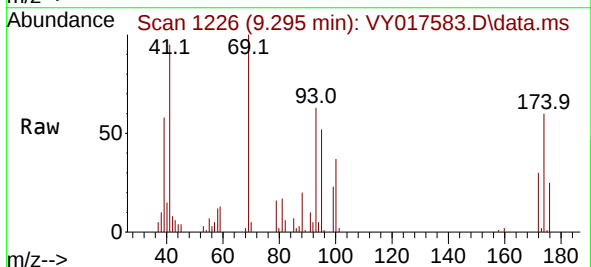
Manual Integrations
APPROVED

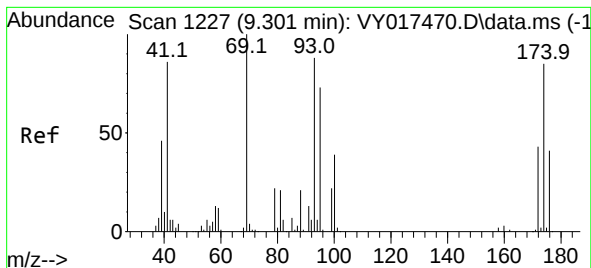
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#48
Methyl methacrylate
Concen: 21.707 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion: 41 Resp: 11468
Ion Ratio Lower Upper
41 100
69 112.9 84.1 126.1
39 58.8 43.6 65.4





#49

1,4-Dioxane

Concen: 443.695 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tgt Ion: 88 Resp: 3339

Ion Ratio Lower Upper

88 100

43 28.0 0.0 0.0

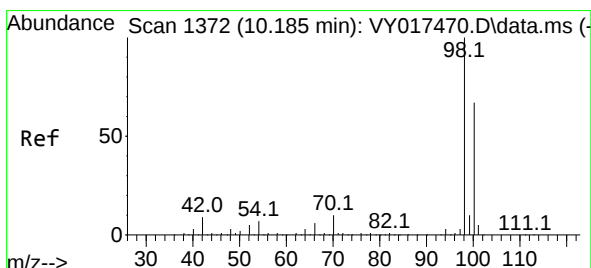
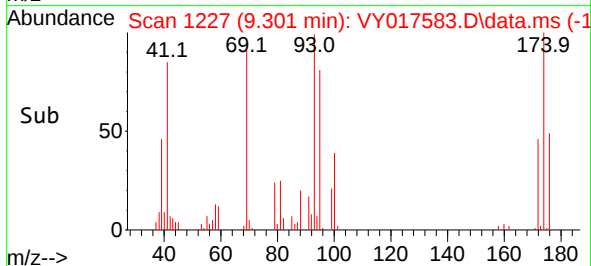
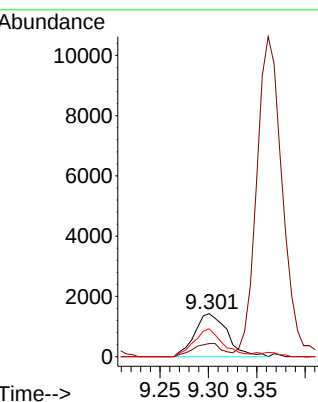
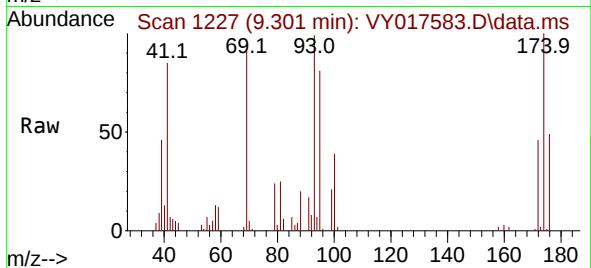
58 57.7 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#50

Toluene-d8

Concen: 60.202 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017583.D

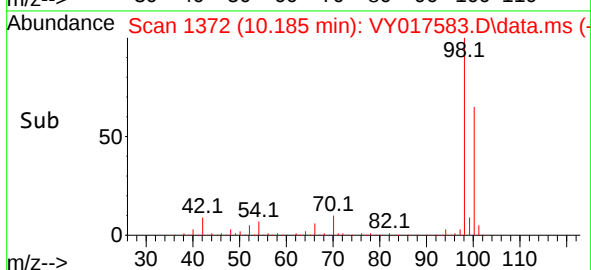
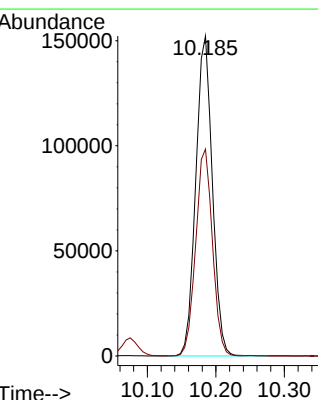
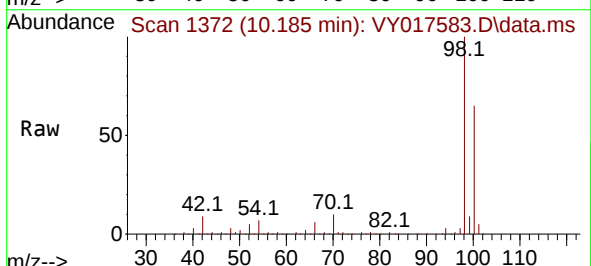
Acq: 06 Mar 2024 10:37

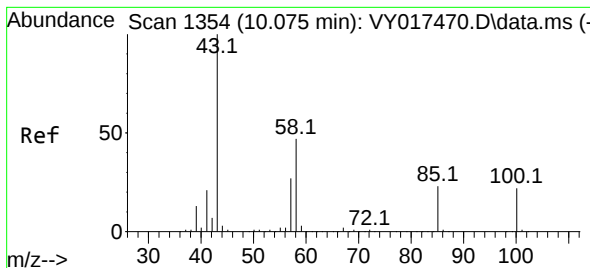
Tgt Ion: 98 Resp: 256554

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





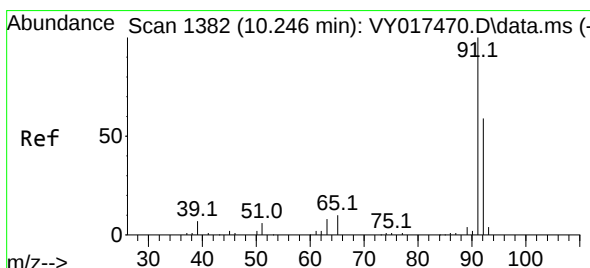
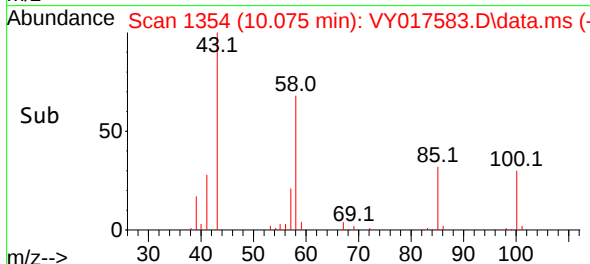
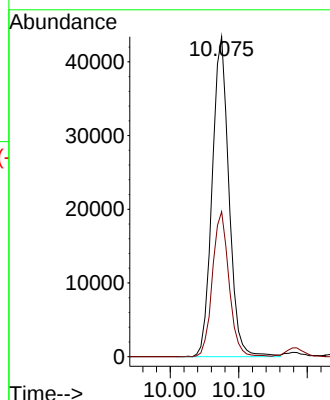
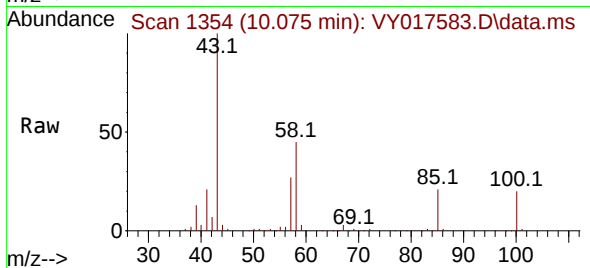
#51
4-Methyl-2-Pentanone
Concen: 116.177 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion: 43 Resp: 73902
Ion Ratio Lower Upper
43 100
58 44.8 35.7 53.5

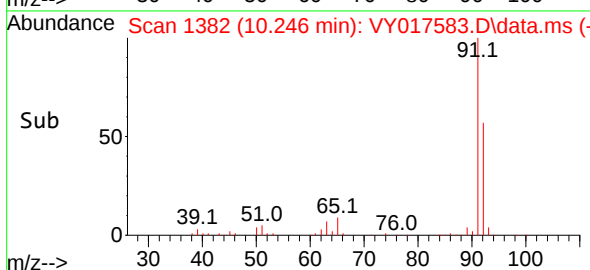
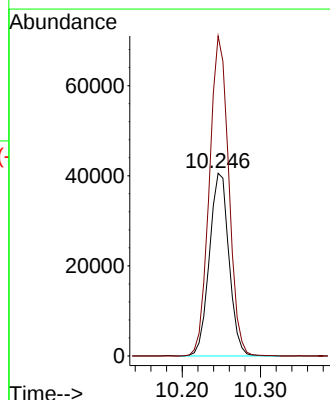
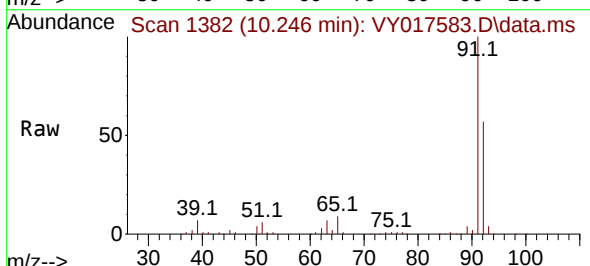
Manual Integrations
APPROVED

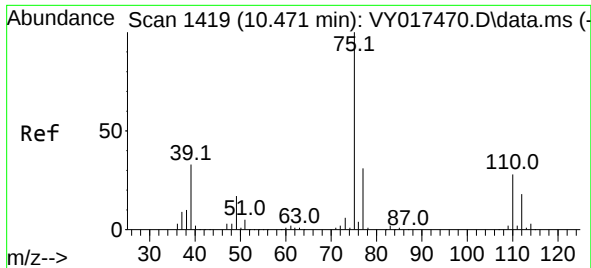
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#52
Toluene
Concen: 22.822 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

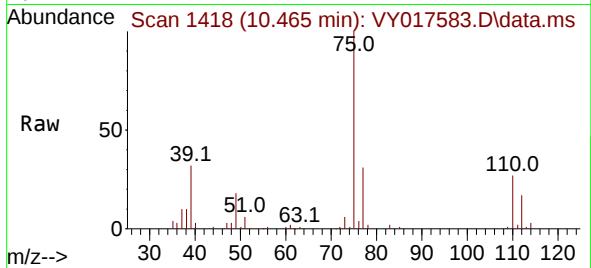
Tgt Ion: 92 Resp: 70262
Ion Ratio Lower Upper
92 100
91 173.6 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 21.283 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

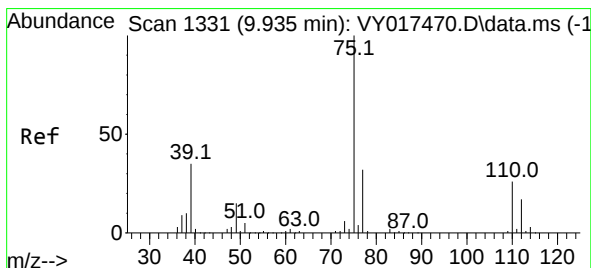
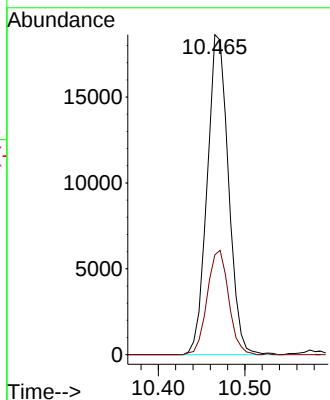
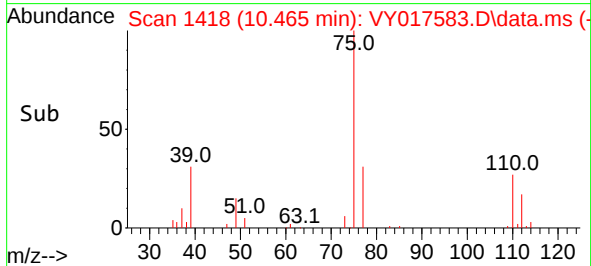
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



Tgt Ion: 75 Resp: 3189
Ion Ratio Lower Upper
75 100
77 31.2 24.1 36.1

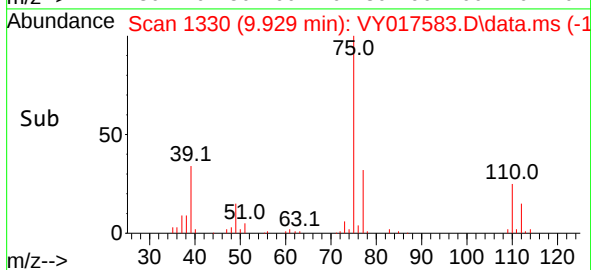
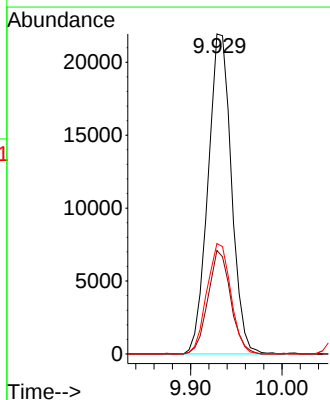
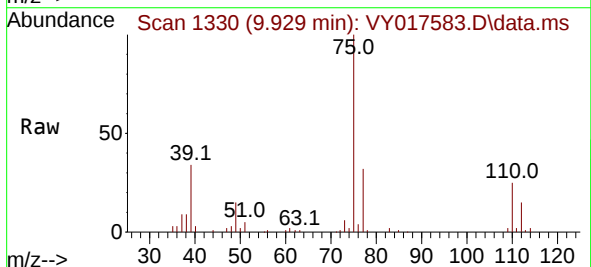
Manual Integrations
APPROVED

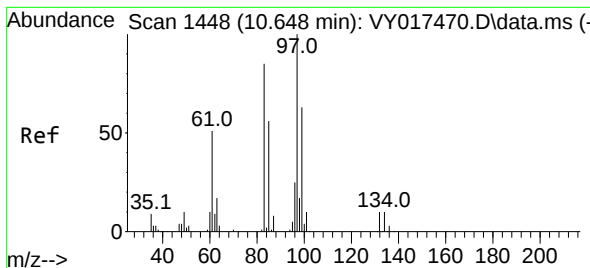
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#54
cis-1,3-Dichloropropene
Concen: 21.450 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion: 75 Resp: 39060
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 34.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 23.810 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

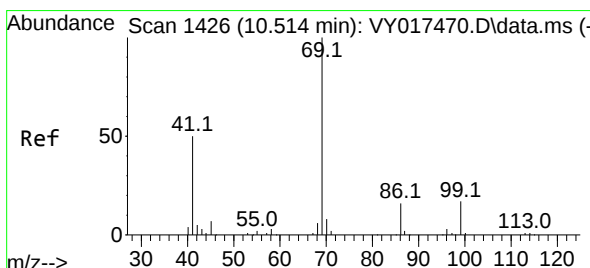
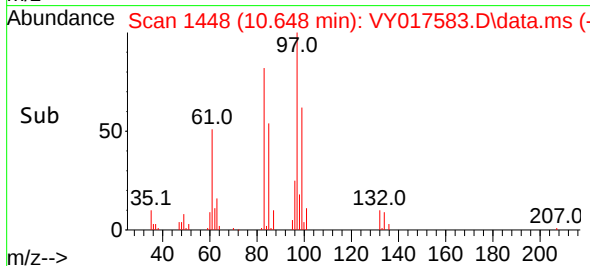
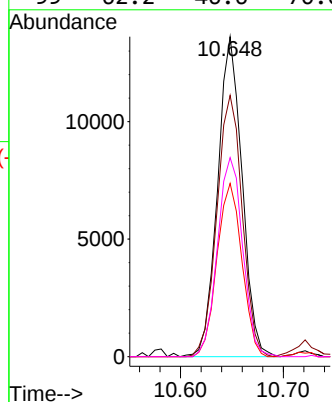
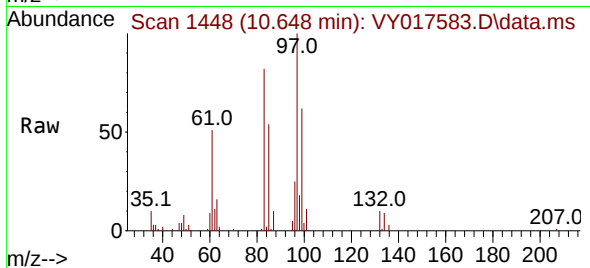
Tgt Ion:	97	Resp:	22479
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.5	101.3
85	54.2	42.9	64.3
99	62.2	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#56

Ethyl methacrylate

Concen: 21.443 ug/l

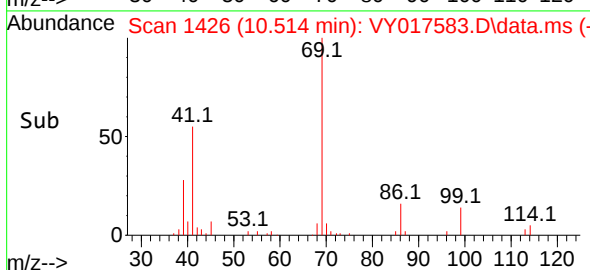
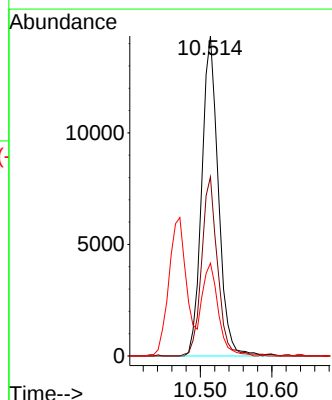
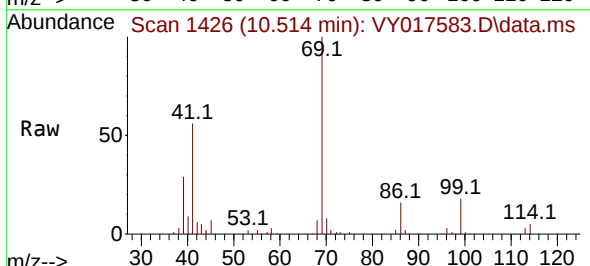
RT: 10.514 min Scan# 1426

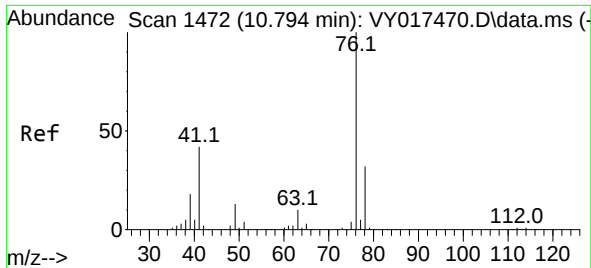
Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

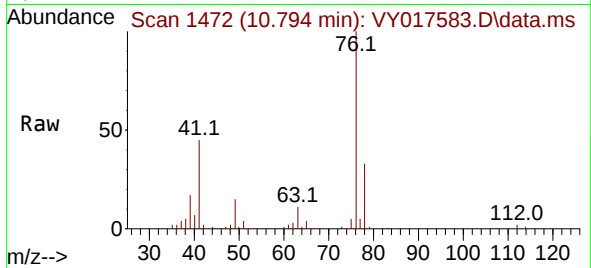
Tgt Ion:	69	Resp:	23132
Ion	Ratio	Lower	Upper
69	100		
41	53.8	42.3	63.5
39	27.5	22.9	34.3





#57
1,3-Dichloropropane
Concen: 23.318 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

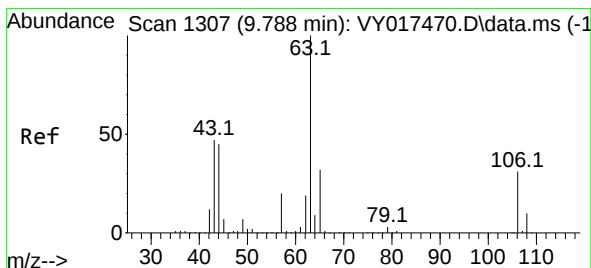
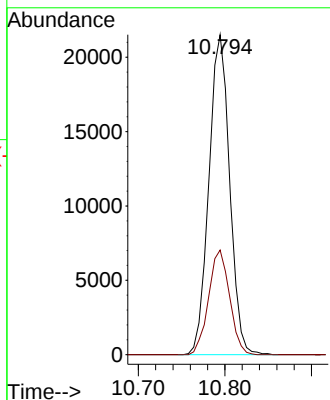
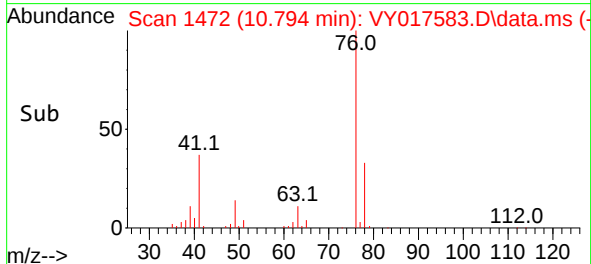
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



Tgt Ion: 76 Resp: 35794
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4

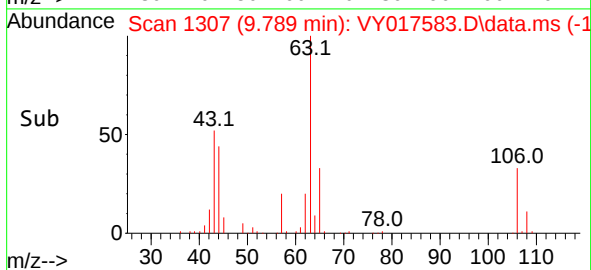
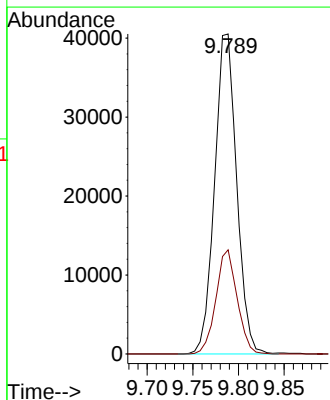
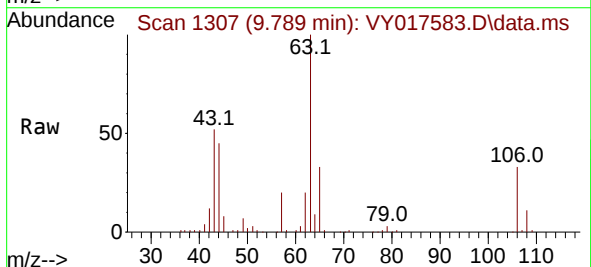
Manual Integrations
APPROVED

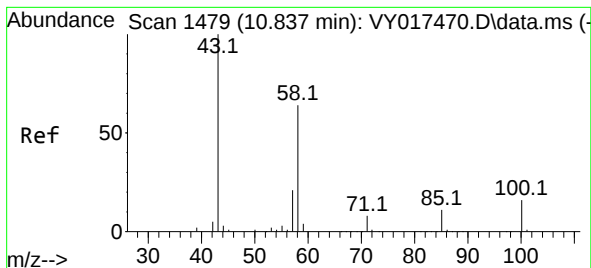
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 125.053 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion: 63 Resp: 68129
Ion Ratio Lower Upper
63 100
106 31.3 23.7 35.5





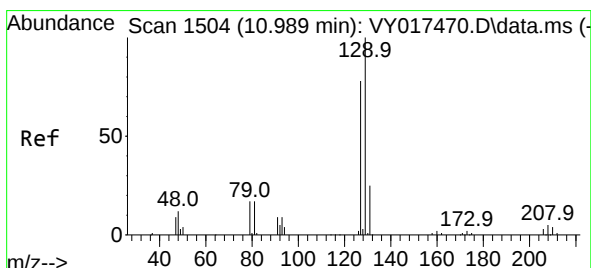
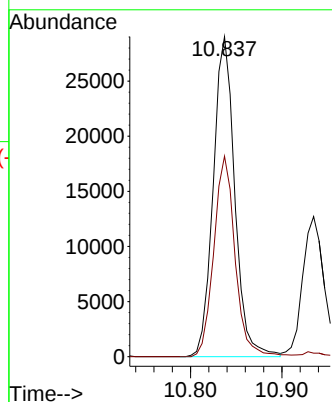
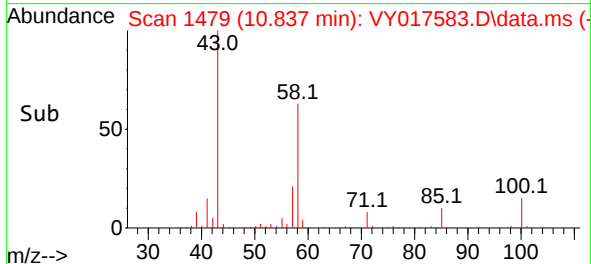
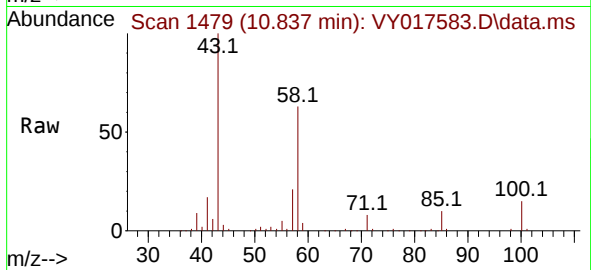
#59
2-Hexanone
Concen: 108.838 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion: 43 Resp: 4755
Ion Ratio Lower Upper
43 100
58 61.9 31.4 94.0

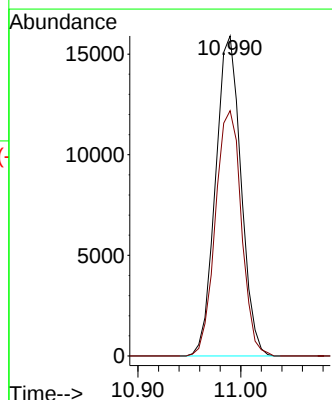
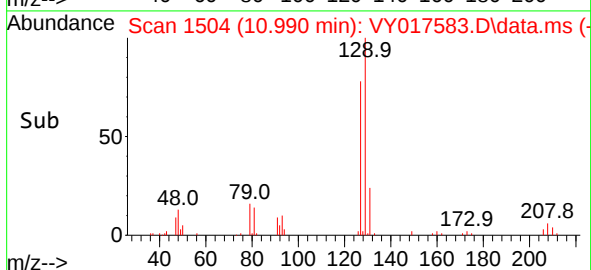
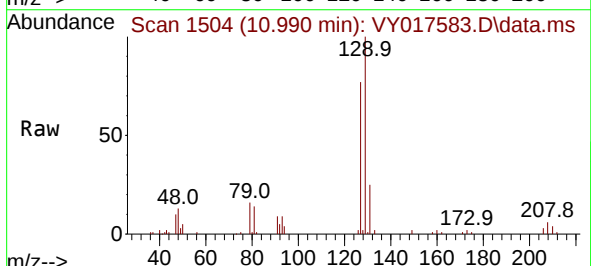
Manual Integrations
APPROVED

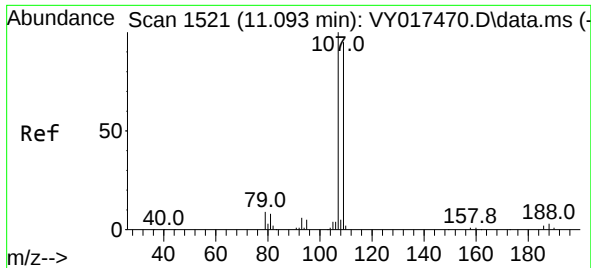
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#60
Dibromochloromethane
Concen: 24.476 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion:129 Resp: 27337
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0





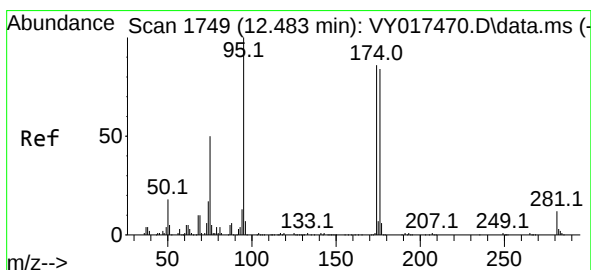
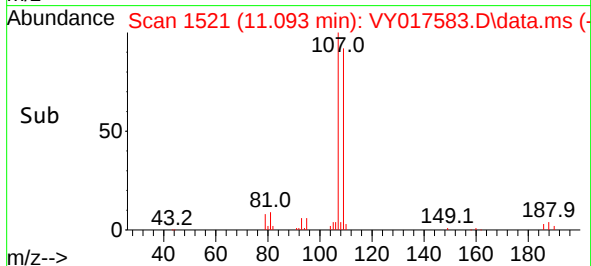
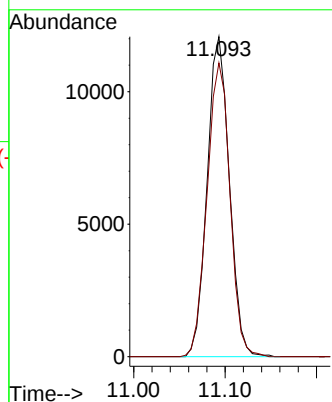
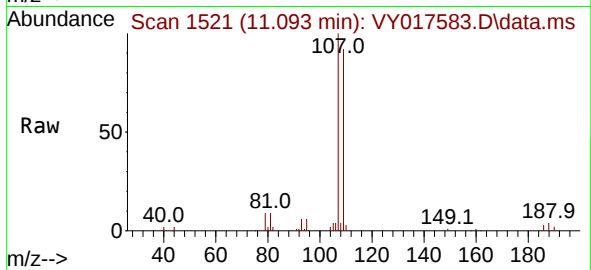
#61
1,2-Dibromoethane
Concen: 23.443 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion:107 Resp: 20390
Ion Ratio Lower Upper
107 100
109 94.8 75.9 113.9

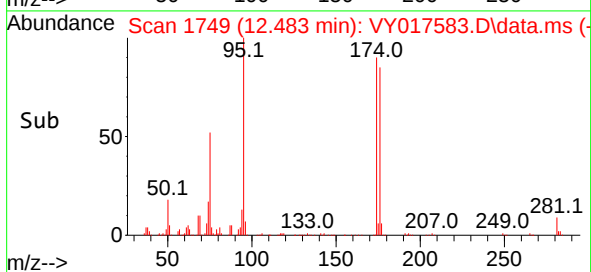
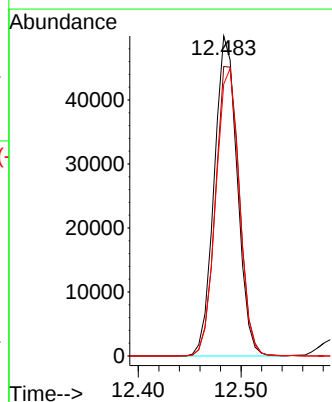
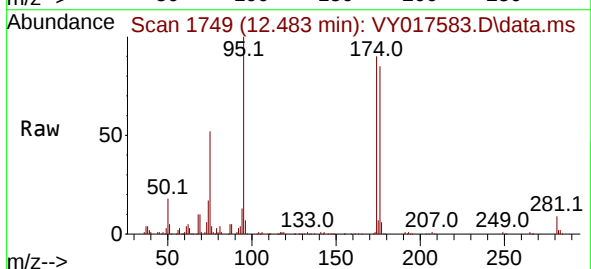
Manual Integrations
APPROVED

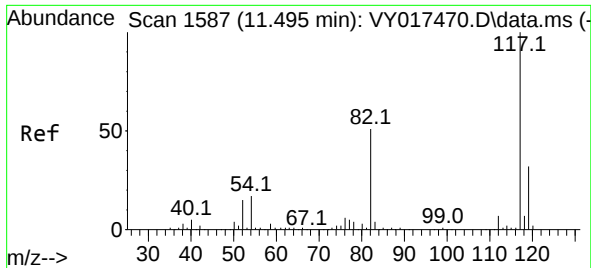
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#62
4-Bromofluorobenzene
Concen: 58.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

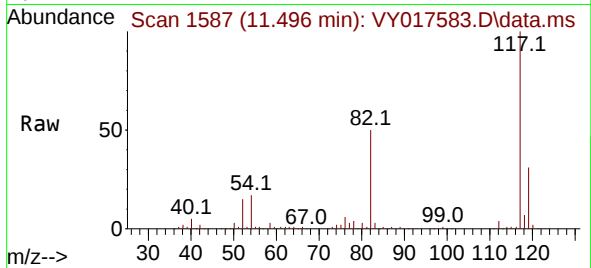
Tgt Ion: 95 Resp: 77838
Ion Ratio Lower Upper
95 100
174 94.1 0.0 175.6
176 91.5 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 115529
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

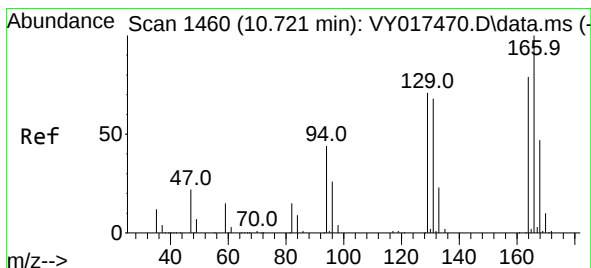
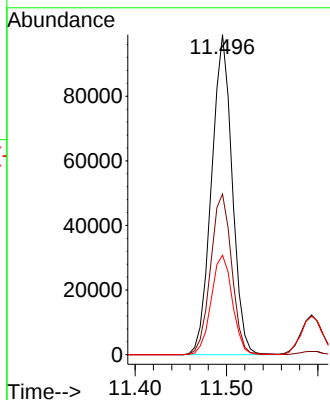
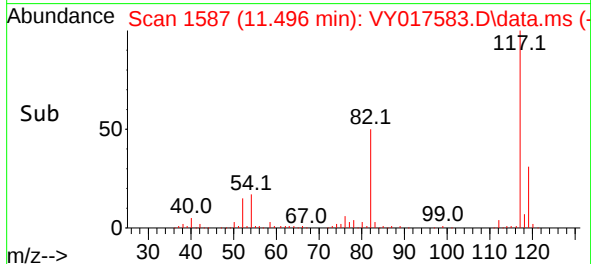
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



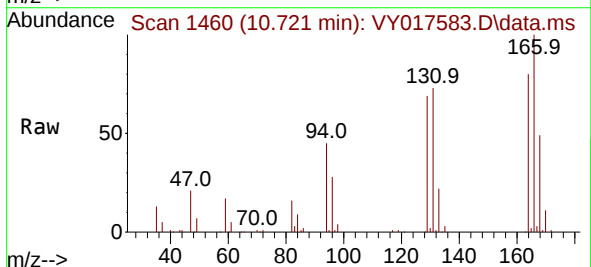
Tgt Ion:117 Resp: 15529
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 31.1 25.9 38.9

Manual Integrations
APPROVED

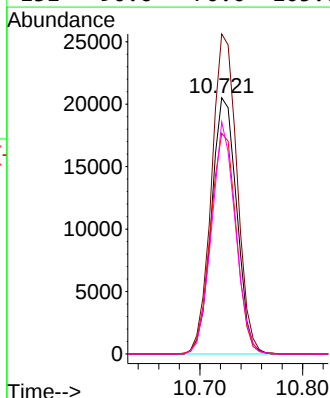
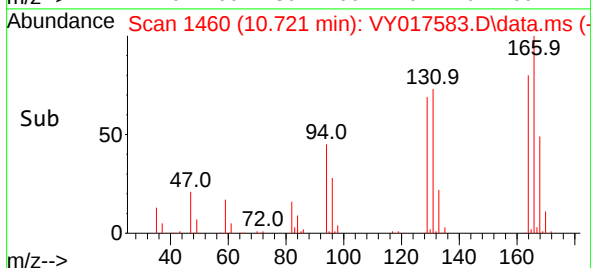
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

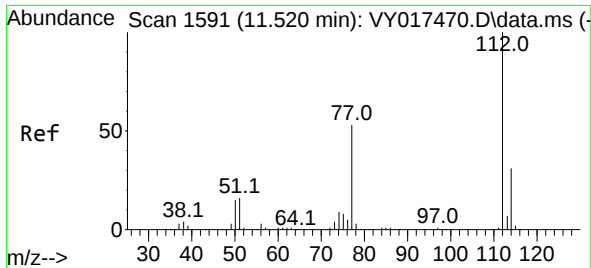


#64
Tetrachloroethene
Concen: 23.388 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



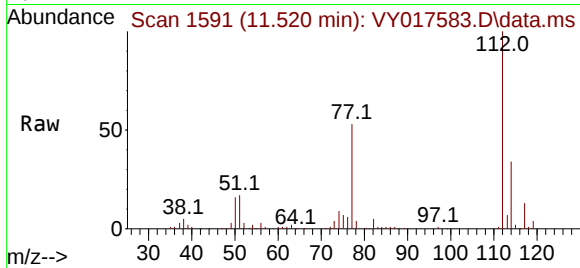
Tgt Ion:164 Resp: 34860
Ion Ratio Lower Upper
164 100
166 124.9 102.6 154.0
129 86.1 72.0 108.0
131 90.6 70.0 105.0





#65
Chlorobenzene
Concen: 22.934 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

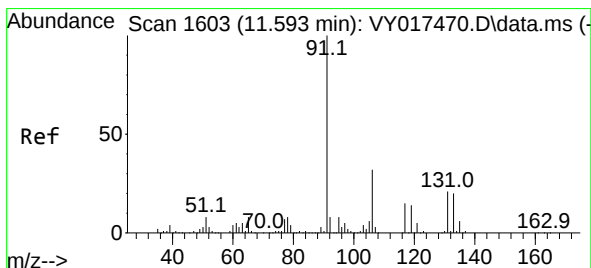
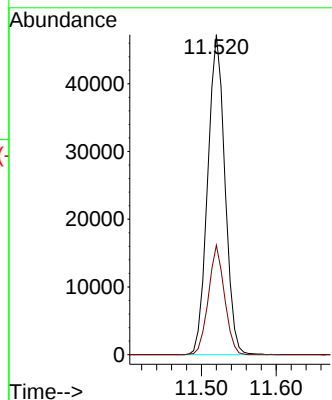
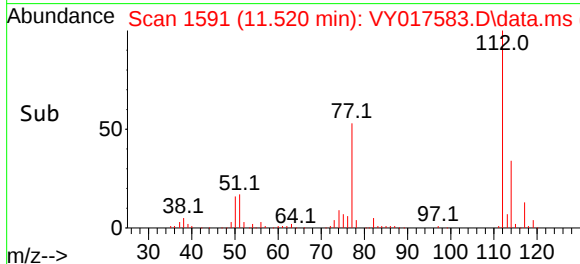
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



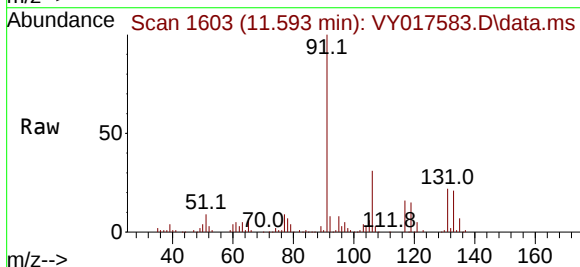
Tgt Ion:112 Resp: 7559
Ion Ratio Lower Upper
112 100
114 34.2 26.4 39.6

Manual Integrations
APPROVED

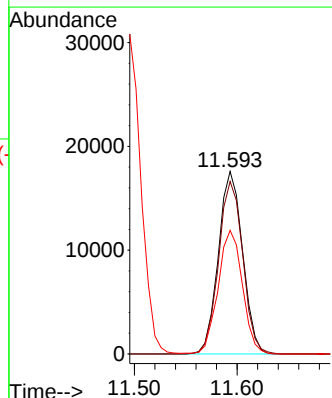
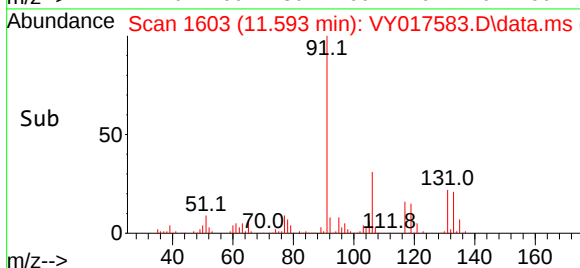
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

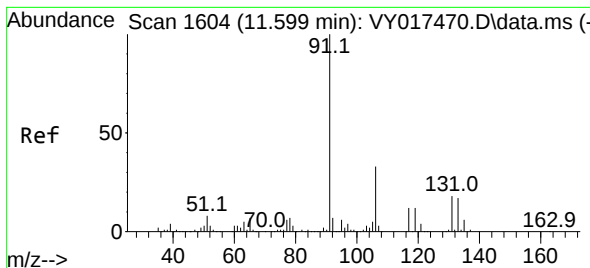


#66
1,1,1,2-Tetrachloroethane
Concen: 23.255 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



Tgt Ion:131 Resp: 28717
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 68.1 34.1 102.2





#67

Ethyl Benzene

Concen: 21.890 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tgt Ion: 91 Resp: 12654

Ion Ratio Lower Upper

91 100

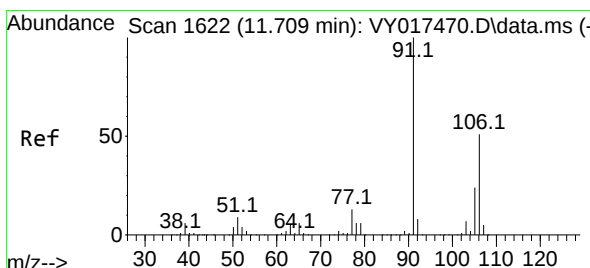
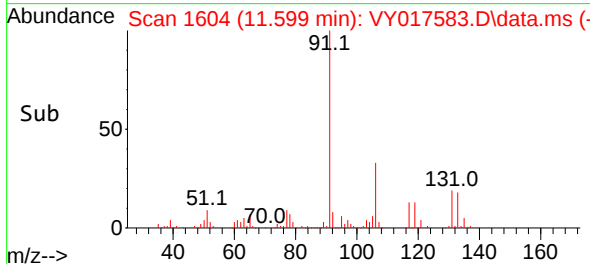
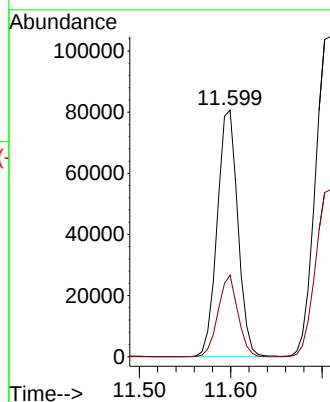
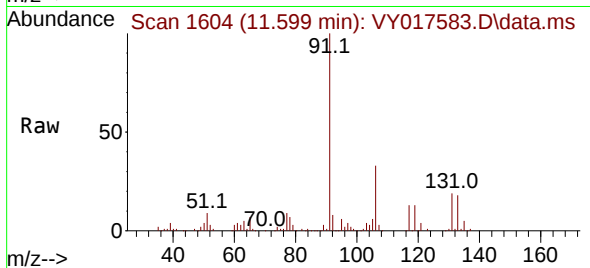
106 33.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#68

m/p-Xylenes

Concen: 44.567 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017583.D

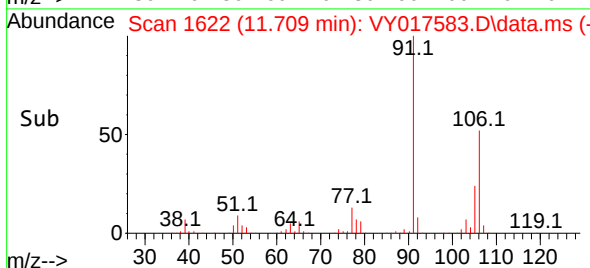
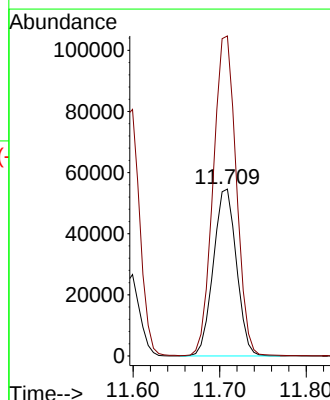
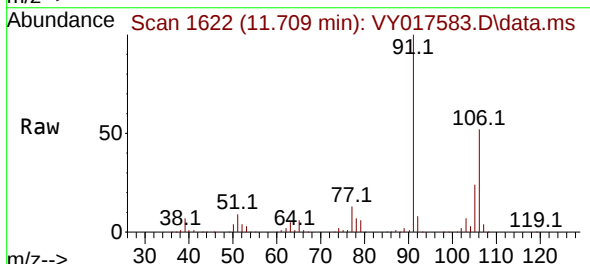
Acq: 06 Mar 2024 10:37

Tgt Ion:106 Resp: 101233

Ion Ratio Lower Upper

106 100

91 192.1 156.0 234.0





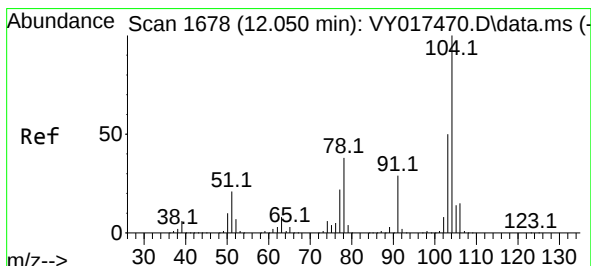
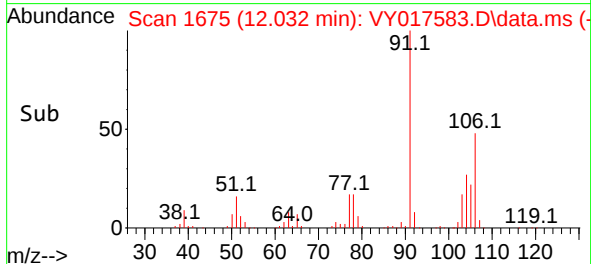
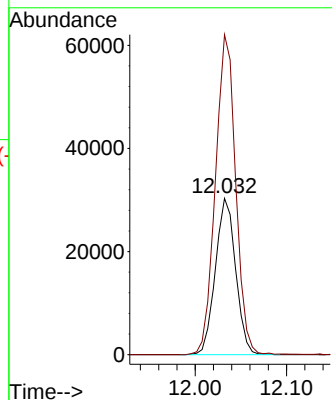
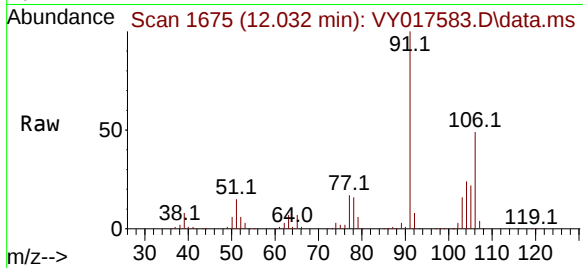
#69
o-Xylene
Concen: 22.177 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion:106 Resp: 46735
Ion Ratio Lower Upper
106 100
91 205.4 103.6 310.8

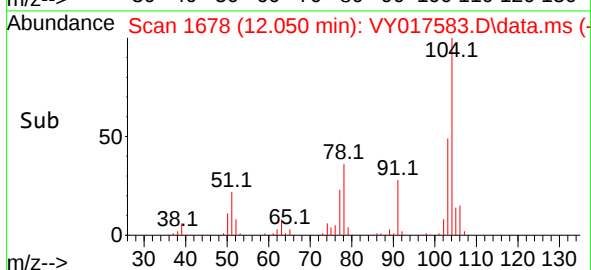
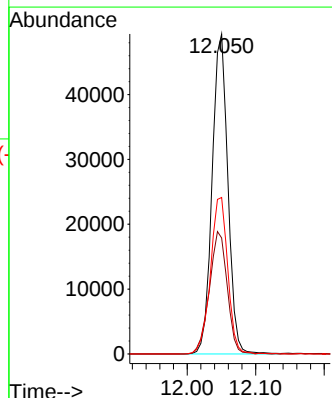
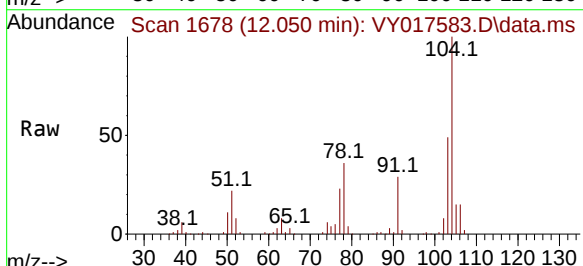
Manual Integrations
APPROVED

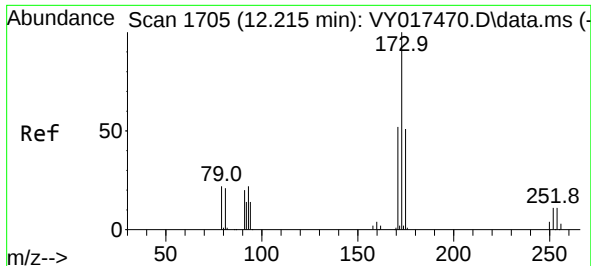
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#70
Styrene
Concen: 22.508 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

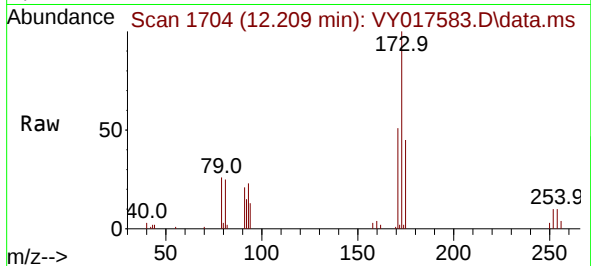
Tgt Ion:104 Resp: 78734
Ion Ratio Lower Upper
104 100
78 43.4 37.0 55.4
103 53.7 44.2 66.2





#71
Bromoform
Concen: 23.558 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

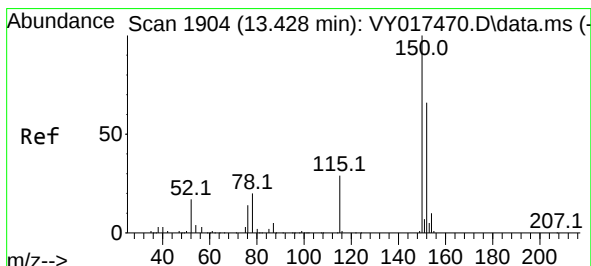
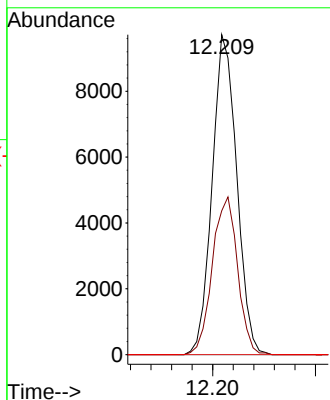
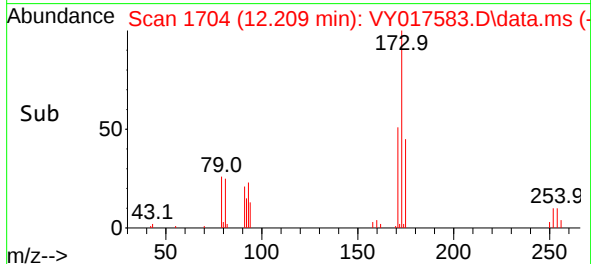
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



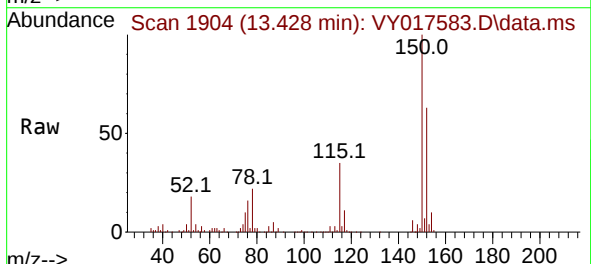
Tgt Ion:173 Resp: 1612
Ion Ratio Lower Upper
173 100
175 50.6 25.1 75.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

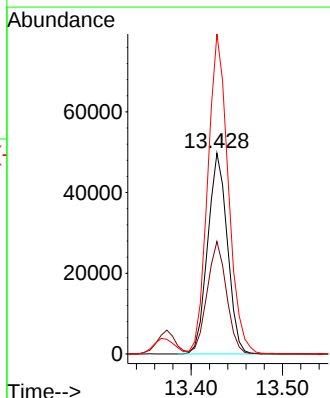
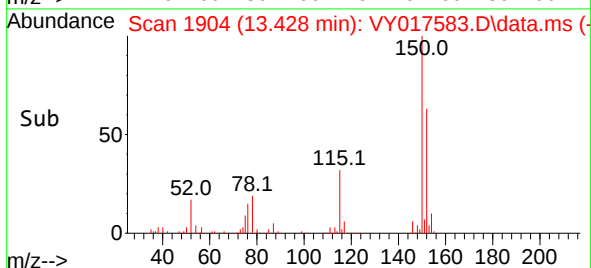
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

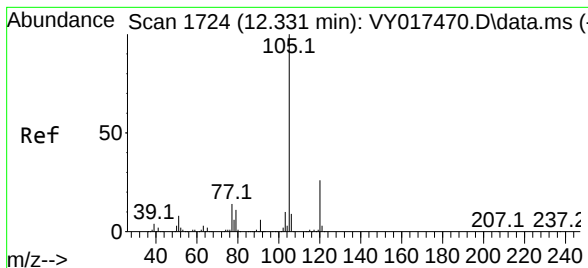


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



Tgt Ion:152 Resp: 74271
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 166.7 0.0 345.6





#73

Isopropylbenzene

Concen: 21.799 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tgt Ion:105 Resp: 12028

Ion Ratio Lower Upper

105 100

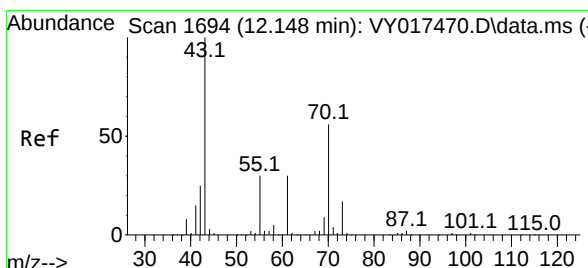
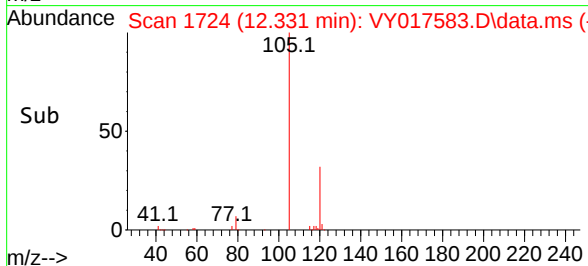
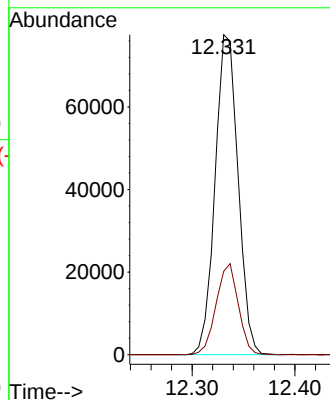
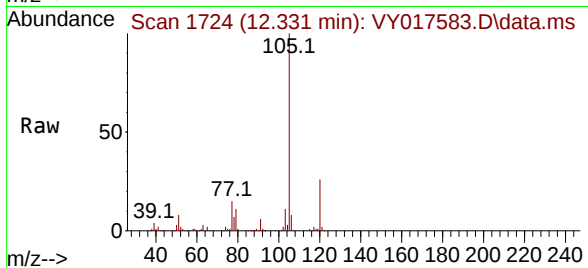
120 27.4 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#74

N-ethyl acetate

Concen: 21.634 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Tgt Ion: 43 Resp: 21054

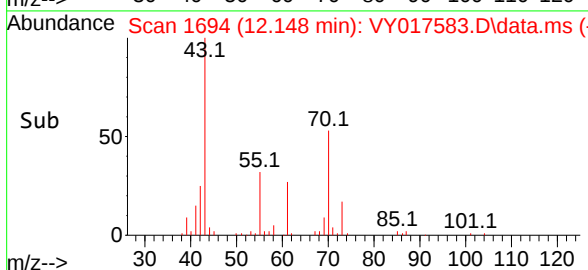
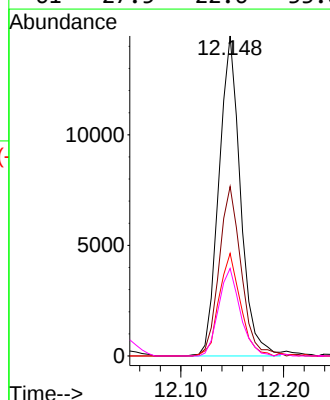
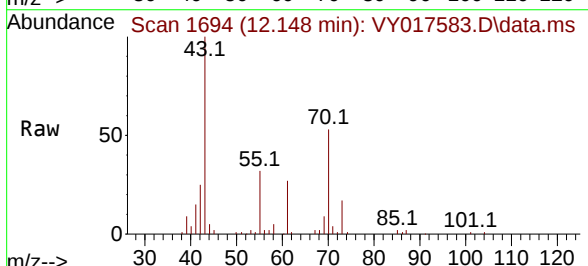
Ion Ratio Lower Upper

43 100

70 54.5 41.4 62.2

55 31.8 23.3 34.9

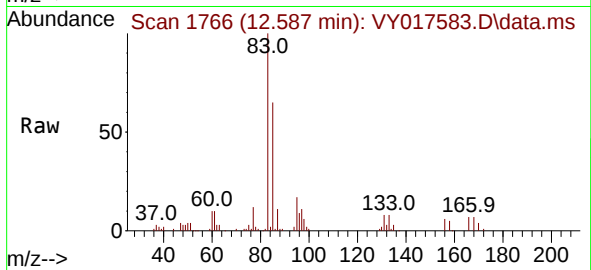
61 27.5 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 25.164 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

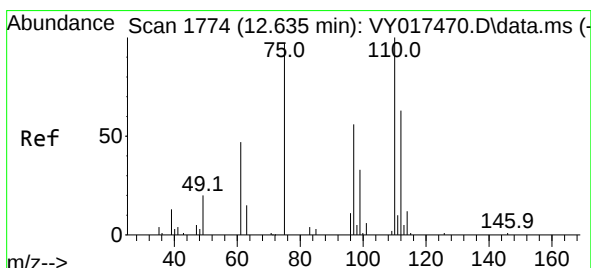
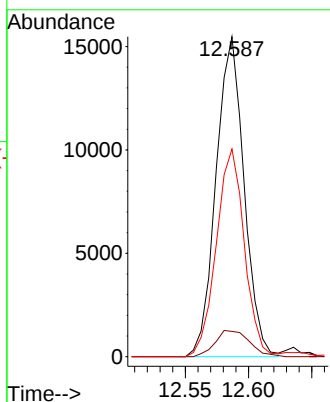
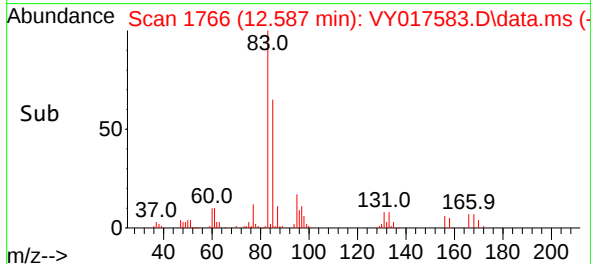
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01



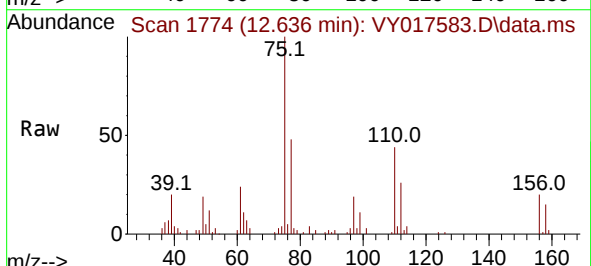
Tgt Ion: 83 Resp: 23844
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.9 32.0 96.0

Manual Integrations
APPROVED

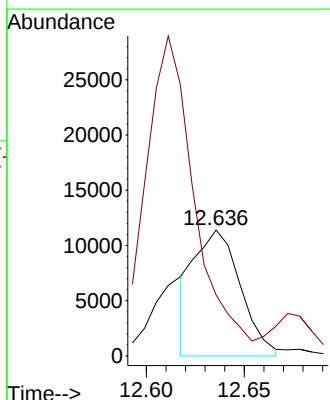
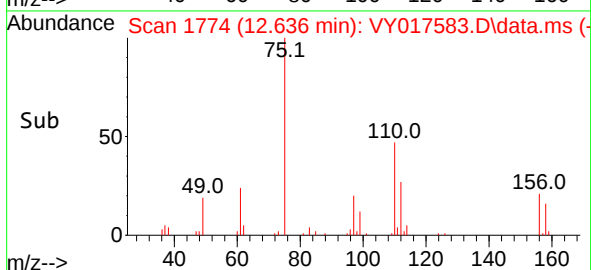
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#76
1,2,3-Trichloropropane
Concen: 26.814 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37



Tgt Ion: 75 Resp: 18922
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.168 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

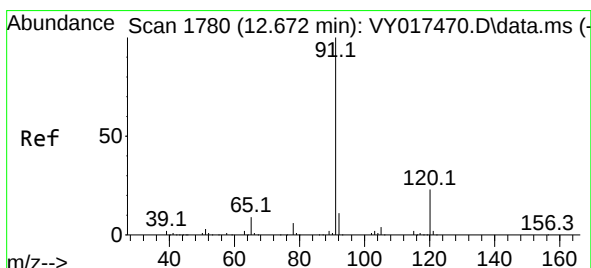
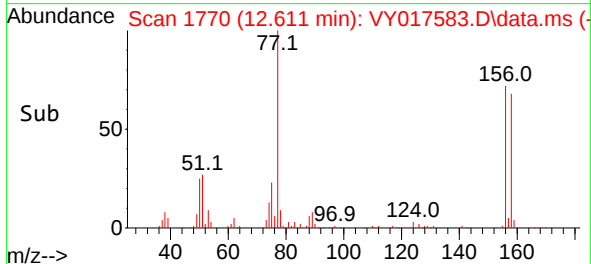
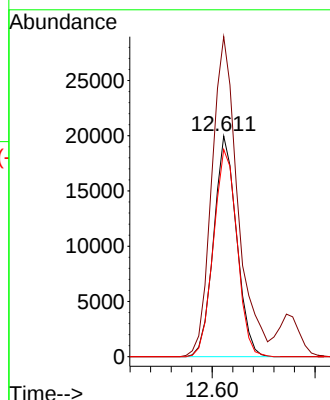
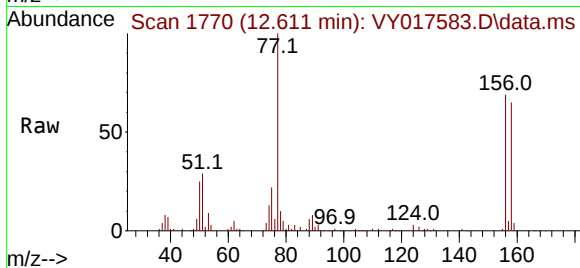
Tgt Ion:	156	Resp:	3095
Ion Ratio	Lower	Upper	
156	100		
77	164.7	87.1	261.3
158	96.1	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#78

n-propylbenzene

Concen: 22.209 ug/l

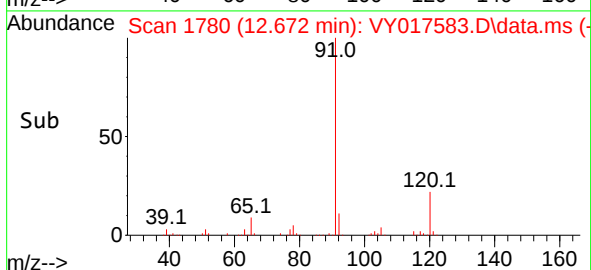
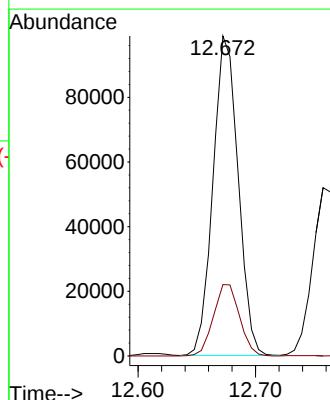
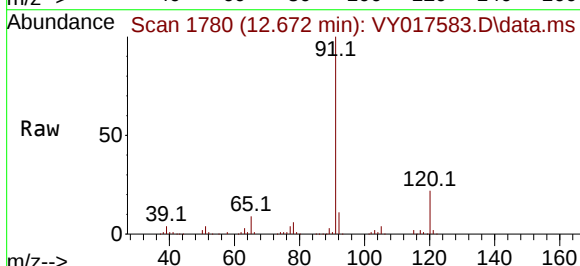
RT: 12.672 min Scan# 1780

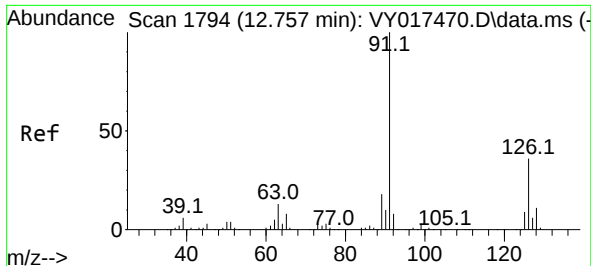
Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Tgt Ion:	91	Resp:	147046
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





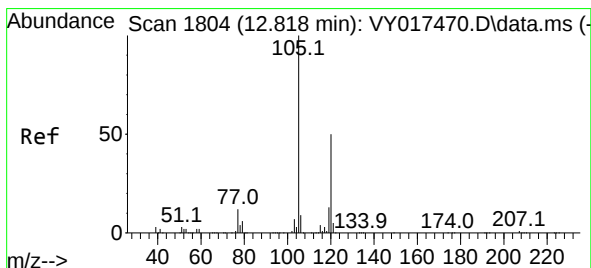
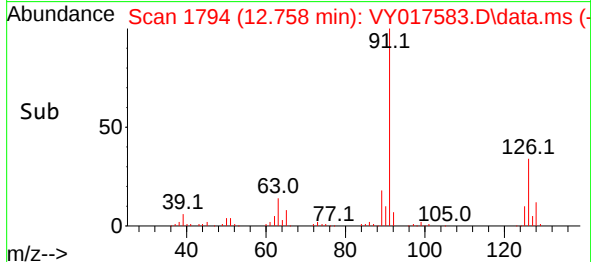
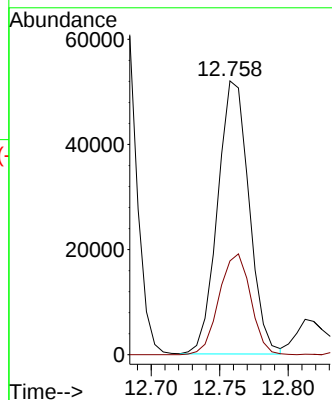
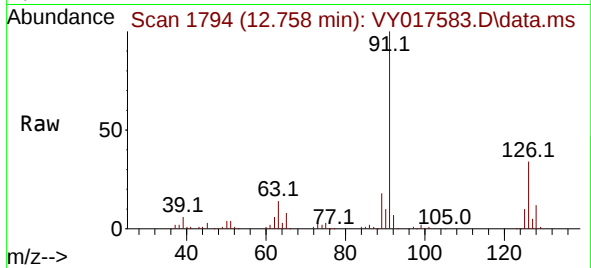
#79
2-Chlorotoluene
Concen: 22.391 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion: 91 Resp: 82999
Ion Ratio Lower Upper
91 100
126 37.0 17.8 53.5

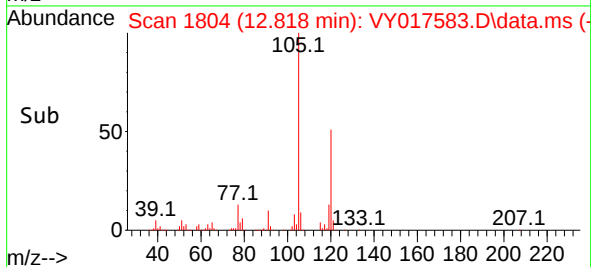
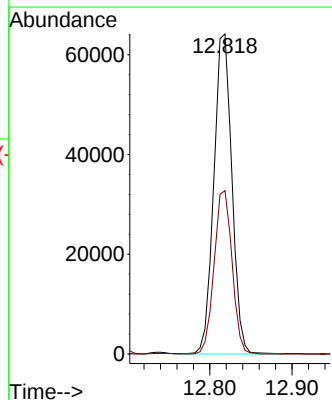
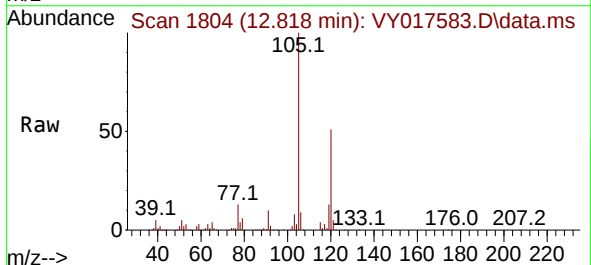
Manual Integrations
APPROVED

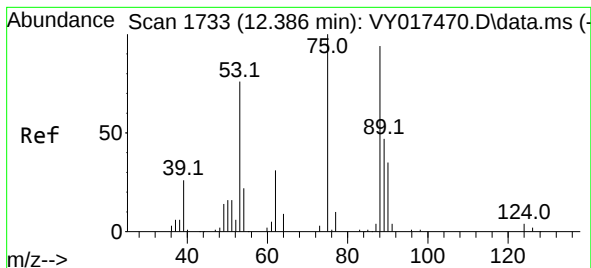
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 22.155 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion:105 Resp: 97941
Ion Ratio Lower Upper
105 100
120 50.7 25.1 75.2





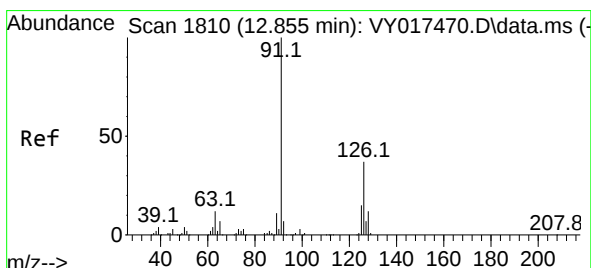
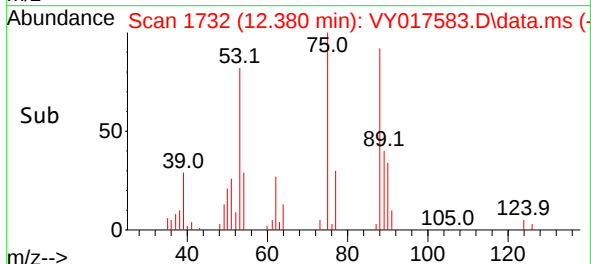
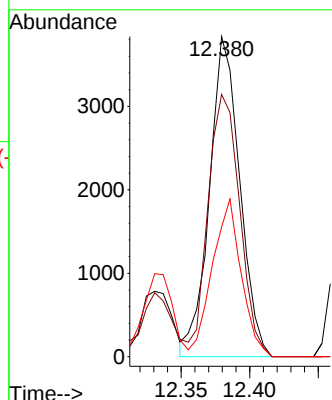
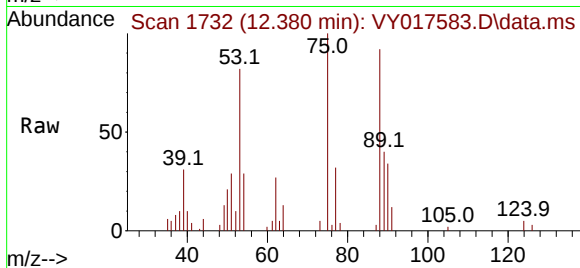
#81
trans-1,4-Dichloro-2-butene
Concen: 19.172 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion: 75 Resp: 588
Ion Ratio Lower Upper
75 100
53 85.2 66.8 100.2
89 47.1 35.8 53.6

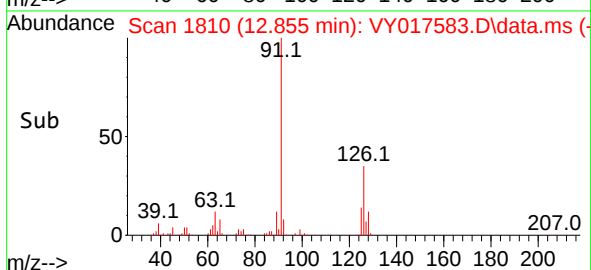
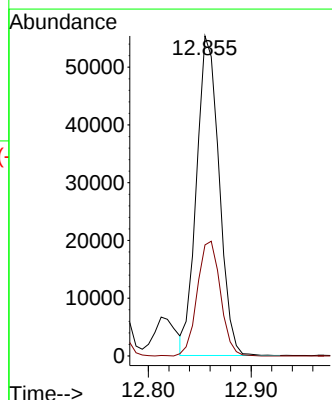
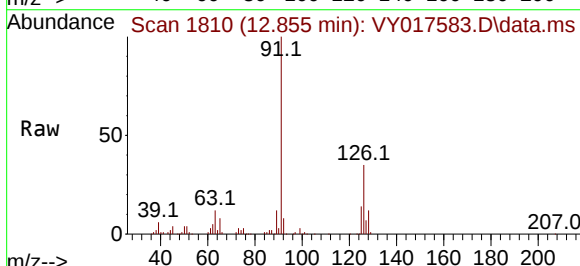
Manual Integrations
APPROVED

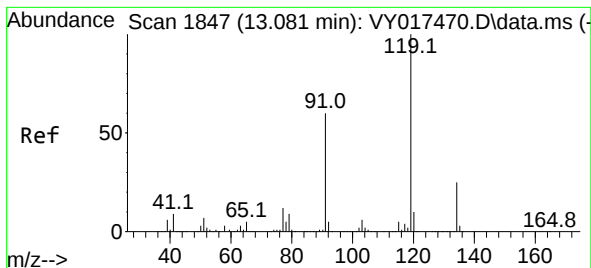
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#82
4-Chlorotoluene
Concen: 22.254 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion: 91 Resp: 84375
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





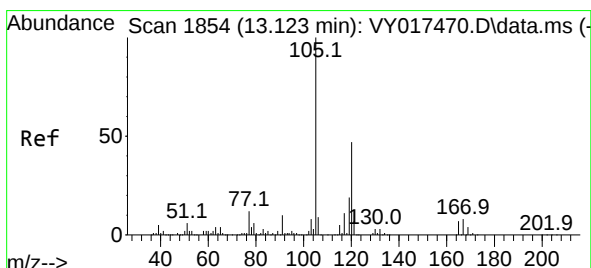
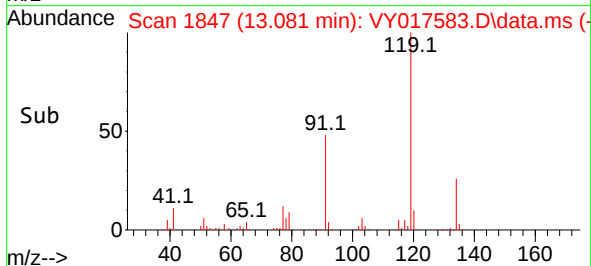
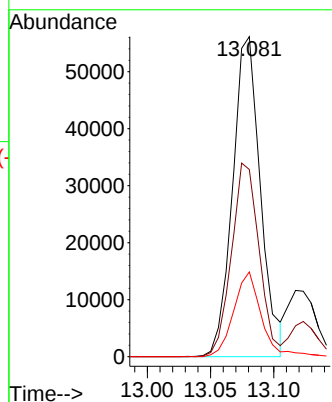
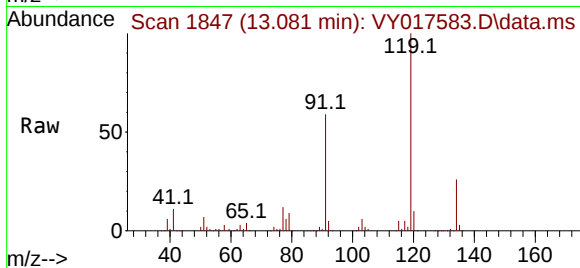
#83
tert-Butylbenzene
Concen: 22.162 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion:119 Resp: 8603
Ion Ratio Lower Upper
119 100
91 60.2 31.3 93.8
134 26.4 13.4 40.1

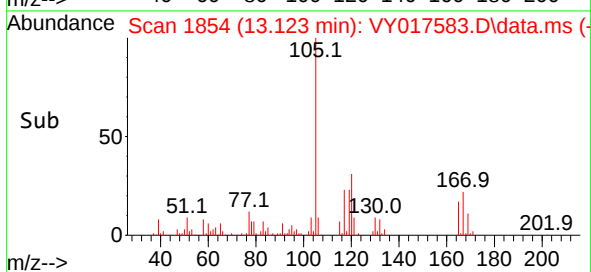
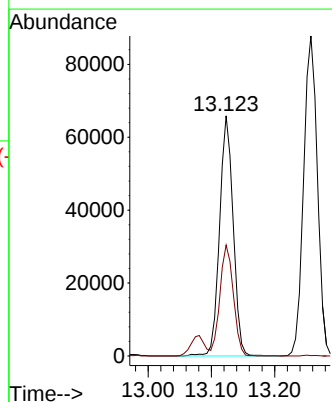
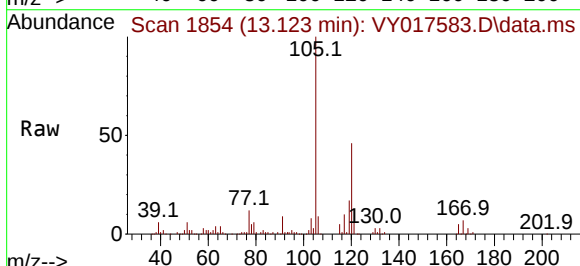
Manual Integrations
APPROVED

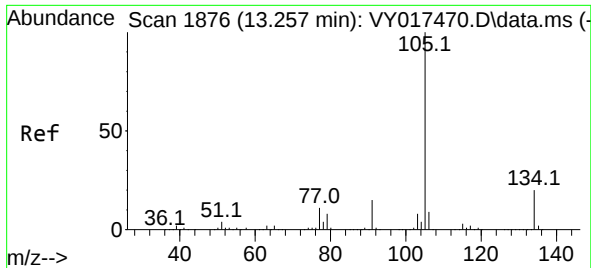
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#84
1,2,4-Trimethylbenzene
Concen: 22.449 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

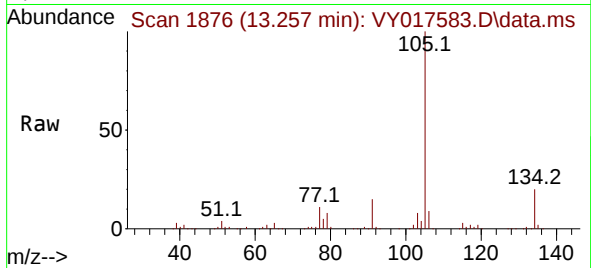
Tgt Ion:105 Resp: 97976
Ion Ratio Lower Upper
105 100
120 45.4 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 22.229 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017583.D
 Acq: 06 Mar 2024 10:37

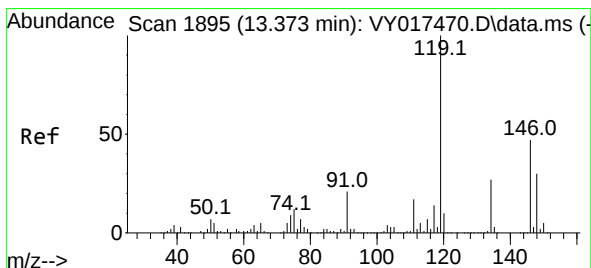
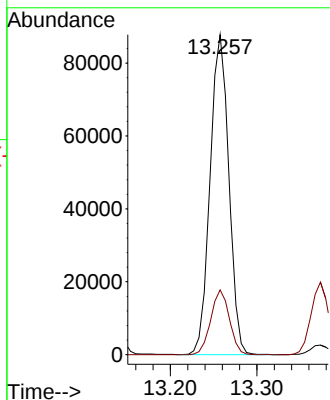
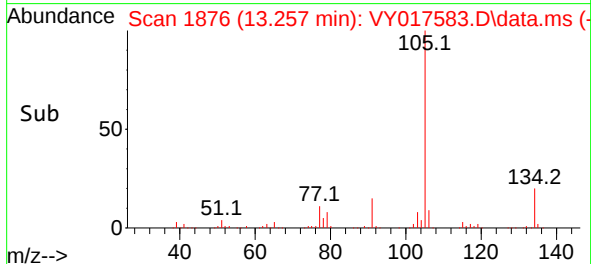
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01



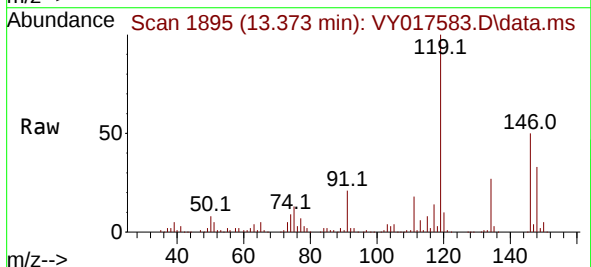
Tgt Ion:105 Resp: 13192
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations
 APPROVED

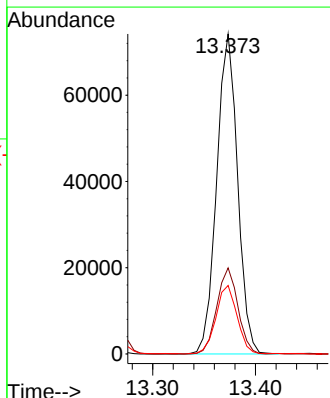
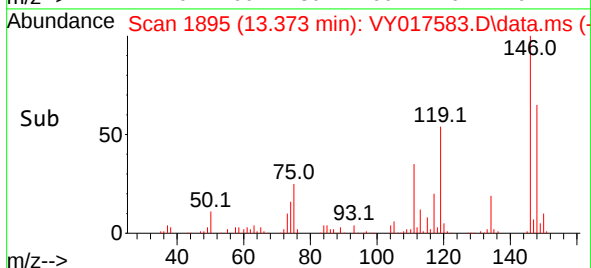
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#86
 p-Isopropyltoluene
 Concen: 21.533 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017583.D
 Acq: 06 Mar 2024 10:37



Tgt Ion:119 Resp: 104618
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.351 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

Tgt Ion:146 Resp: 5994

Ion Ratio Lower Upper

146 100

111 36.4 19.0 57.0

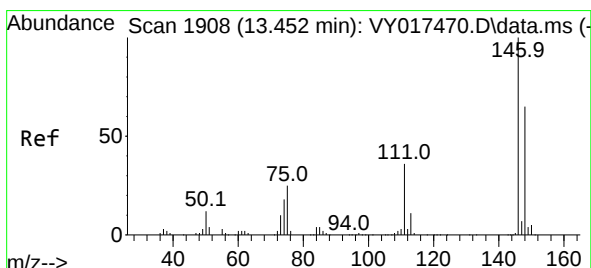
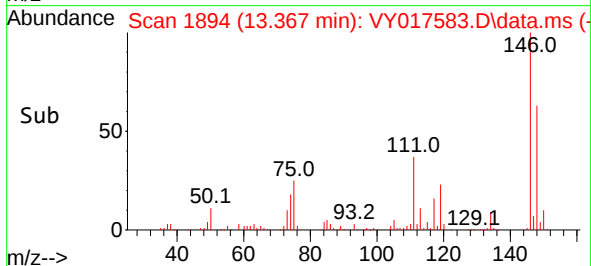
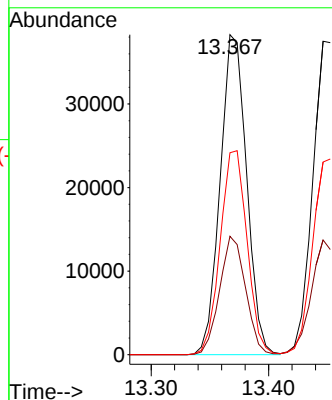
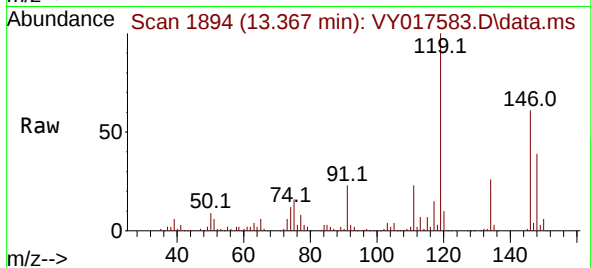
148 64.8 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#88

1,4-Dichlorobenzene

Concen: 22.888 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

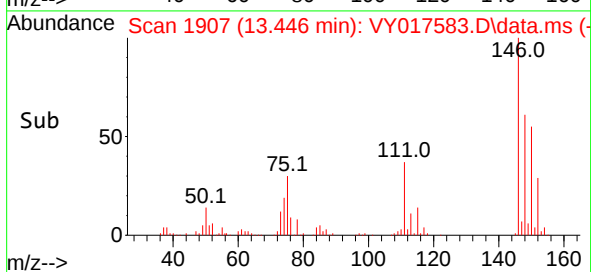
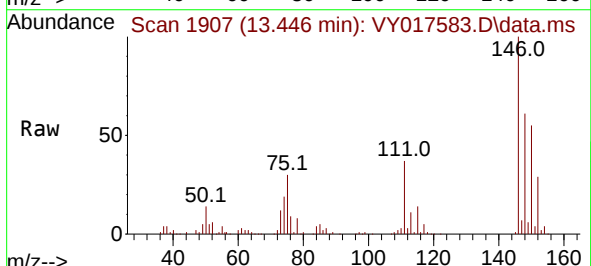
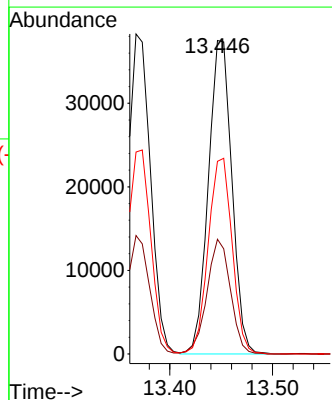
Tgt Ion:146 Resp: 59682

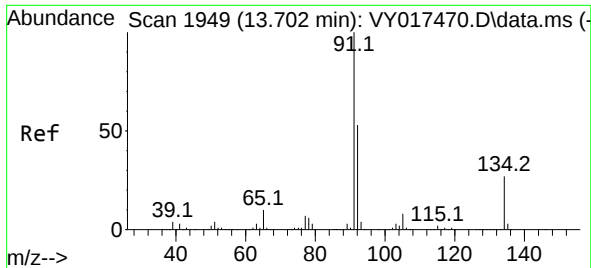
Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.4

148 63.5 32.4 97.2





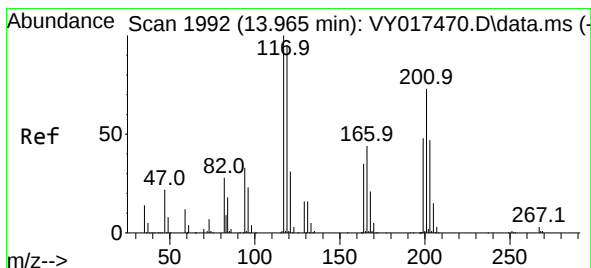
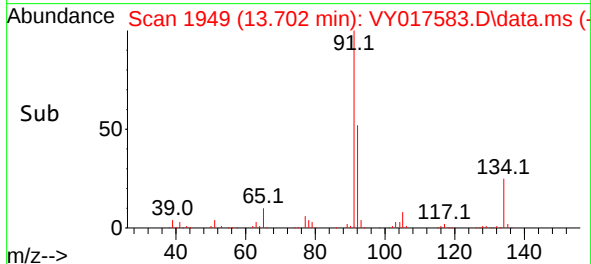
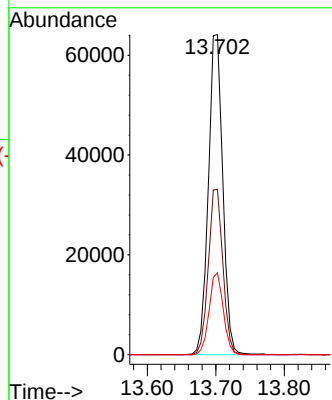
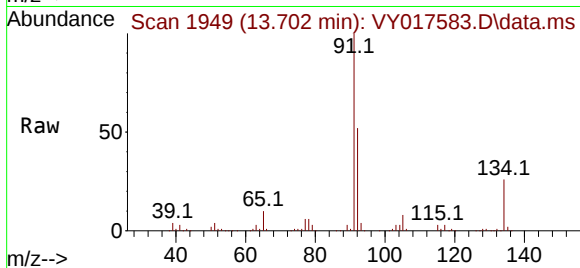
#89
n-Butylbenzene
Concen: 21.213 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion: 91 Resp: 9403
Ion Ratio Lower Upper
91 100
92 52.0 26.6 79.7
134 25.1 12.9 38.7

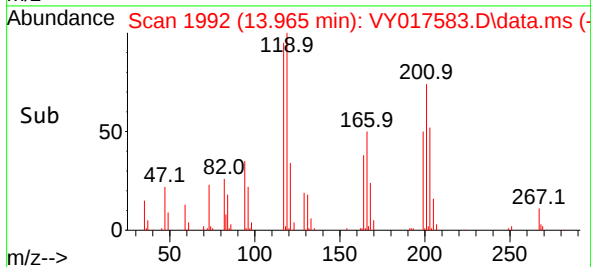
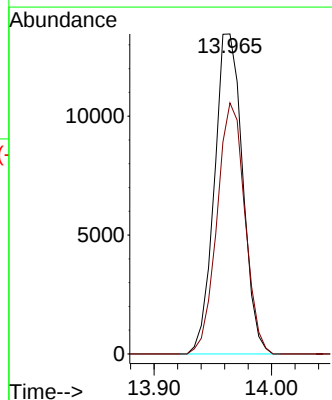
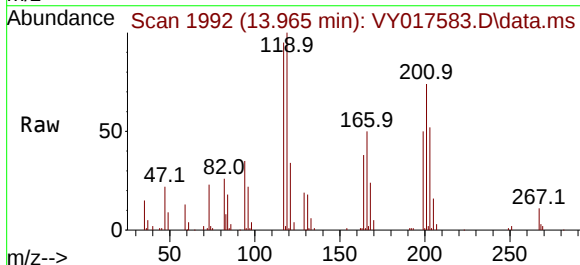
Manual Integrations
APPROVED

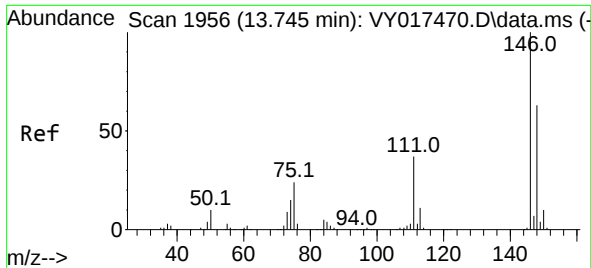
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#90
Hexachloroethane
Concen: 23.065 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion:117 Resp: 22466
Ion Ratio Lower Upper
117 100
201 77.5 37.4 112.2





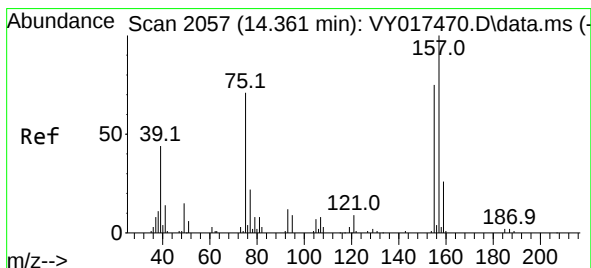
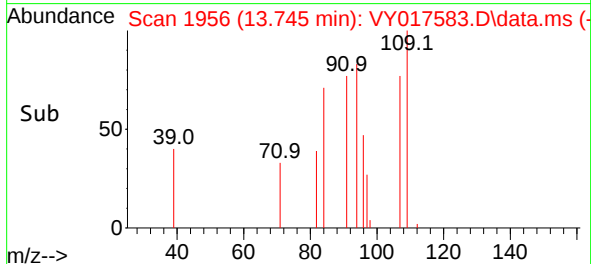
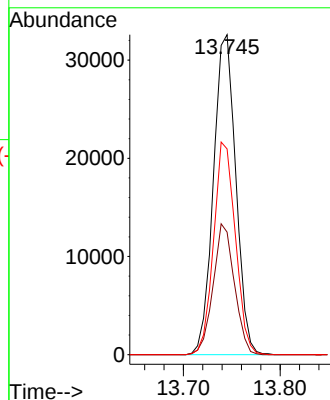
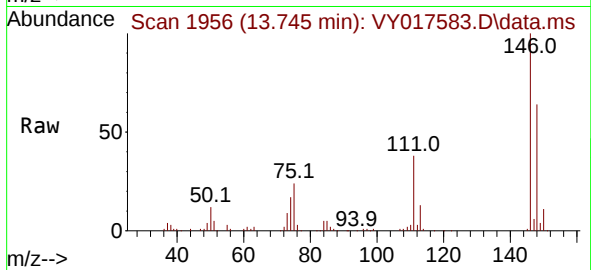
#91
1,2-Dichlorobenzene
Concen: 23.084 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Tgt Ion:146 Resp: 52372
Ion Ratio Lower Upper
146 100
111 38.9 19.9 59.7
148 64.7 31.8 95.4

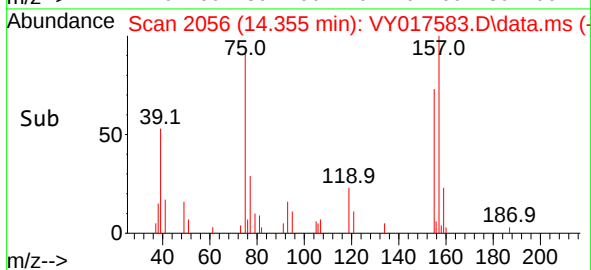
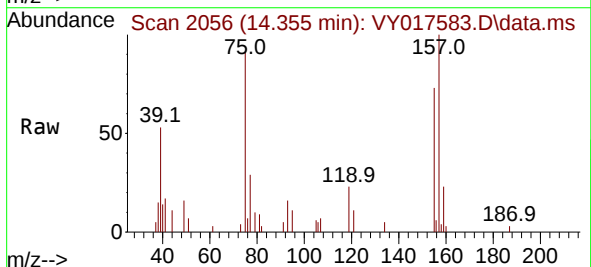
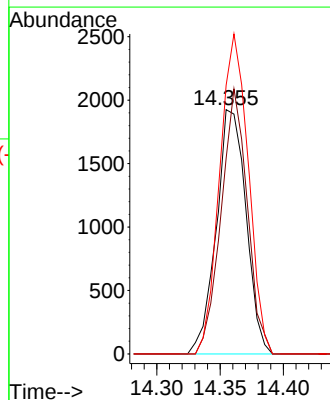
Manual Integrations
APPROVED

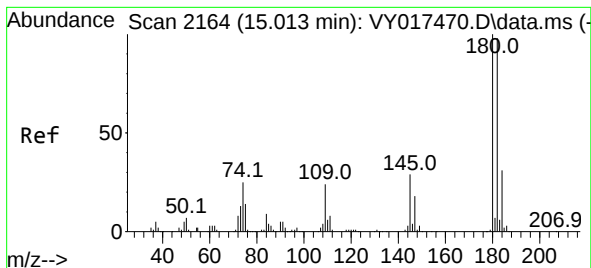
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.565 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY017583.D
Acq: 06 Mar 2024 10:37

Tgt Ion: 75 Resp: 3139
Ion Ratio Lower Upper
75 100
155 95.9 48.6 145.8
157 125.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.799 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

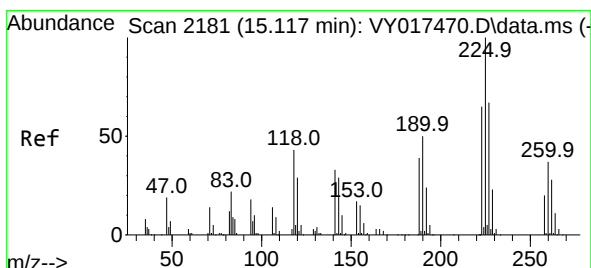
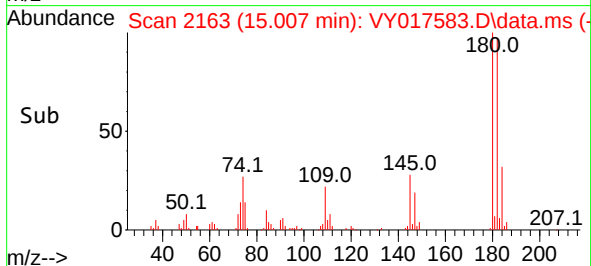
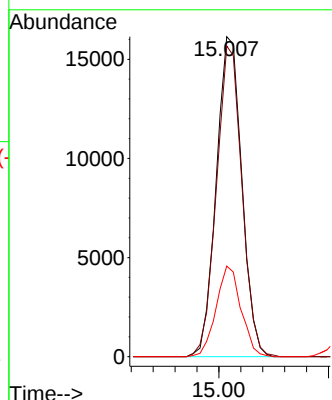
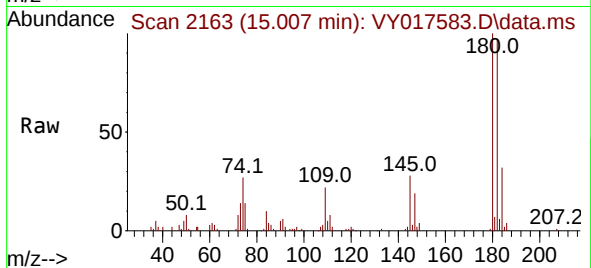
Tgt Ion:	180	Resp:	2612
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.9	143.8
145	27.6	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#94

Hexachlorobutadiene

Concen: 22.793 ug/l

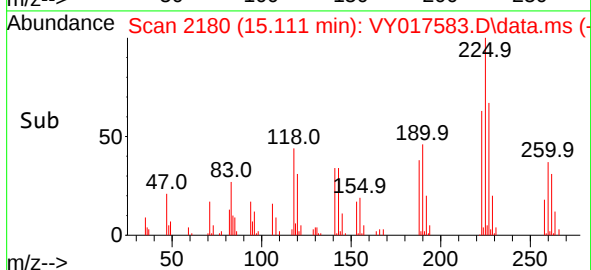
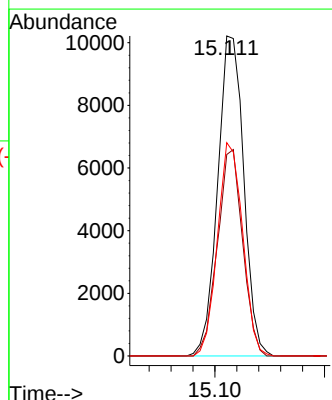
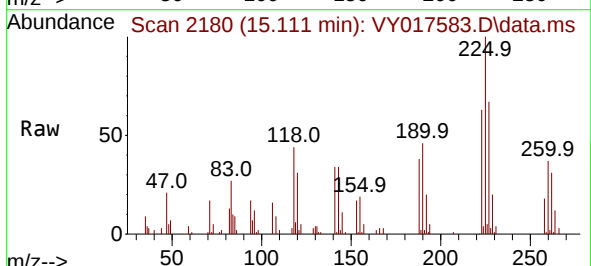
RT: 15.111 min Scan# 2180

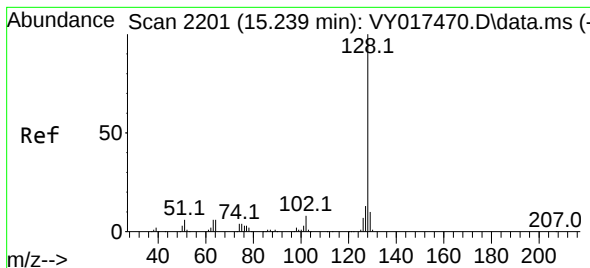
Delta R.T. -0.006 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Tgt Ion:	225	Resp:	16864
Ion Ratio	Lower	Upper	
225	100		
223	62.4	30.4	91.2
227	64.5	31.9	95.9





#95

Naphthalene

Concen: 20.872 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS01

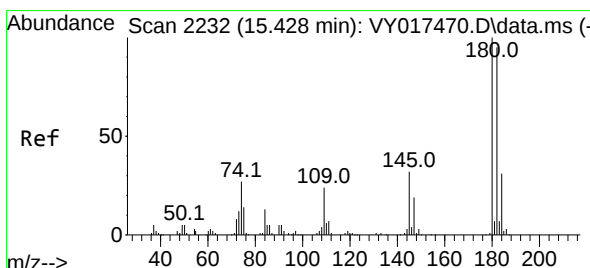
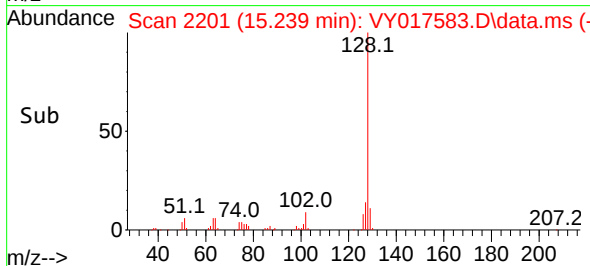
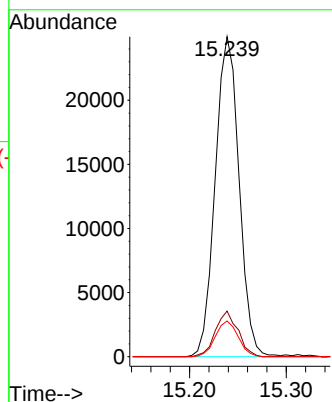
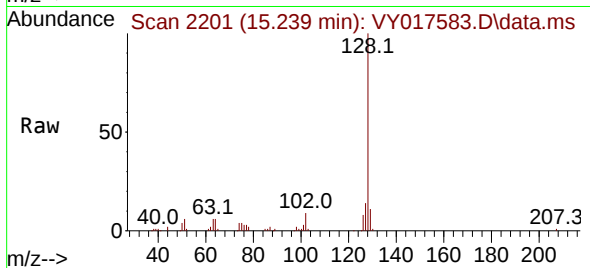
Tgt Ion:128	Resp: 42720
Ion Ratio	Lower Upper
128 100	
127 13.4	10.6 16.0
129 10.7	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#96

1,2,3-Trichlorobenzene

Concen: 22.298 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017583.D

Acq: 06 Mar 2024 10:37

Tgt Ion:180	Resp: 22923
Ion Ratio	Lower Upper
180 100	
182 95.5	47.6 142.9
145 28.6	15.4 46.1

