

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017584.D
 Acq On : 06 Mar 2024 11:00
 Operator : SY/MD
 Sample : VY0306SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS02

Manual Integrations
 APPROVED

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

Quant Time: Mar 07 05:16:33 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	138886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64728	49.175	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.360%		
35) Dibromofluoromethane	7.716	113	74957	49.770	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.540%		
50) Toluene-d8	10.179	98	287883	54.671	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	109.340%		
62) 4-Bromofluorobenzene	12.483	95	86733	52.410	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22688	22.145	ug/l	96
3) Chloromethane	2.107	50	35611	19.024	ug/l	96
4) Vinyl Chloride	2.247	62	48690	20.275	ug/l	99
5) Bromomethane	2.637	94	41781	21.350	ug/l	98
6) Chloroethane	2.784	64	31912	21.065	ug/l	96
7) Trichlorofluoromethane	3.113	101	54088	22.099	ug/l	91
8) Diethyl Ether	3.521	74	15358	21.394	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	32849	23.333	ug/l	99
10) Methyl Iodide	4.082	142	30065	19.029	ug/l	99
11) Tert butyl alcohol	4.942	59	9776	87.435	ug/l #	90
12) 1,1-Dichloroethene	3.863	96	28094	21.413	ug/l	98
13) Acrolein	3.723	56	12888	87.360	ug/l	98
14) Allyl chloride	4.472	41	33070	20.861	ug/l	97
15) Acrylonitrile	5.155	53	31206	105.748	ug/l	99
16) Acetone	3.942	43	29561	115.788	ug/l	94
17) Carbon Disulfide	4.186	76	66595	16.911	ug/l	97
18) Methyl Acetate	4.472	43	12423	20.057	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	65009	21.259	ug/l	98
20) Methylene Chloride	4.710	84	35065	20.102	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	31372	20.422	ug/l	96
22) Diisopropyl ether	6.112	45	81213	22.200	ug/l	94
23) Vinyl Acetate	6.057	43	232493	106.654	ug/l	98
24) 1,1-Dichloroethane	6.015	63	55334	22.141	ug/l	97
25) 2-Butanone	6.984	43	39764	109.290	ug/l	99
26) 2,2-Dichloropropane	6.972	77	47176	22.451	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	37193	21.564	ug/l	98
28) Bromochloromethane	7.332	49	18721	19.020	ug/l	95
29) Tetrahydrofuran	7.350	42	22583	102.966	ug/l	99
30) Chloroform	7.502	83	61070	22.951	ug/l	99
31) Cyclohexane	7.783	56	42444	19.814	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	51721	22.389	ug/l	98
36) 1,1-Dichloropropene	7.917	75	43057	21.189	ug/l	99
37) Ethyl Acetate	7.069	43	16502	20.561	ug/l #	95
38) Carbon Tetrachloride	7.899	117	45991	22.583	ug/l	98
39) Methylcyclohexane	9.185	83	48751	19.963	ug/l	97
40) Benzene	8.161	78	128166	21.239	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017584.D
 Acq On : 06 Mar 2024 11:00
 Operator : SY/MD
 Sample : VY0306SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS02

Quant Time: Mar 07 05:16:33 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

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9255m	22.980	ug/l	
42) 1,2-Dichloroethane	8.234	62	31923	21.682	ug/l	100
43) Isopropyl Acetate	8.270	43	29762	21.103	ug/l	98
44) Trichloroethene	8.941	130	37613	21.625	ug/l	100
45) 1,2-Dichloropropane	9.215	63	32127	22.377	ug/l	100
46) Dibromomethane	9.307	93	17626	21.452	ug/l	95
47) Bromodichloromethane	9.496	83	44446	22.278	ug/l	98
48) Methyl methacrylate	9.295	41	13100	20.067	ug/l	95
49) 1,4-Dioxane	9.301	88	3934	423.063	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	83983	106.846	ug/l	99
52) Toluene	10.246	92	84056	22.095	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	40478	21.859	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	49493	21.996	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	25914	22.213	ug/l	98
56) Ethyl methacrylate	10.514	69	27089	20.454	ug/l	98
57) 1,3-Dichloropropane	10.794	76	41327	21.788	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	73174	108.698	ug/l	98
59) 2-Hexanone	10.837	43	61282	113.507	ug/l	99
60) Dibromochloromethane	10.990	129	31176	22.590	ug/l	100
61) 1,2-Dibromoethane	11.093	107	23792	22.131	ug/l	98
64) Tetrachloroethene	10.721	164	38942	21.355	ug/l	96
65) Chlorobenzene	11.520	112	90140	22.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	34448	22.802	ug/l	97
67) Ethyl Benzene	11.593	91	155385	21.971	ug/l	98
68) m/p-Xylenes	11.703	106	123831	44.560	ug/l	98
69) o-Xylene	12.032	106	57472	22.292	ug/l	98
70) Styrene	12.044	104	95039	22.208	ug/l	98
71) Bromoform	12.209	173	18958	22.645	ug/l #	97
73) Isopropylbenzene	12.331	105	152038	22.068	ug/l	99
74) N-amyl acetate	12.148	43	25859	21.281	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	27665	23.384	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17901m	20.316	ug/l	
77) Bromobenzene	12.611	156	36367	21.797	ug/l	96
78) n-propylbenzene	12.672	91	184945	22.372	ug/l	99
79) 2-Chlorotoluene	12.757	91	101733	21.980	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	122347	22.166	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	7919	20.651	ug/l	98
82) 4-Chlorotoluene	12.855	91	104152	22.001	ug/l	99
83) tert-Butylbenzene	13.081	119	108046	22.292	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	121816	22.354	ug/l	100
85) sec-Butylbenzene	13.257	105	167090	22.548	ug/l	100
86) p-Isopropyltoluene	13.373	119	134583	22.186	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	72759	21.726	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	72743	22.342	ug/l	99
89) n-Butylbenzene	13.696	91	123112	22.244	ug/l	99
90) Hexachloroethane	13.965	117	27829	22.882	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	64135	22.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3444	20.707	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	34498	23.056	ug/l	100
94) Hexachlorobutadiene	15.111	225	22054	23.873	ug/l	98
95) Naphthalene	15.239	128	54529	21.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	30062	23.420	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
Data File : VY017584.D
Acq On : 06 Mar 2024 11:00
Operator : SY/MD
Sample : VY0306SBS02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

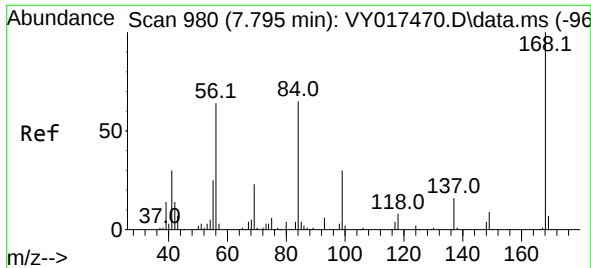
Manual Integrations
APPROVED

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

Quant Time: Mar 07 05:16:33 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

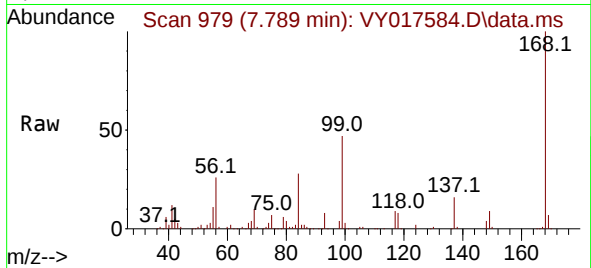
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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: VY017584.D
Acq: 06 Mar 2024 11:00

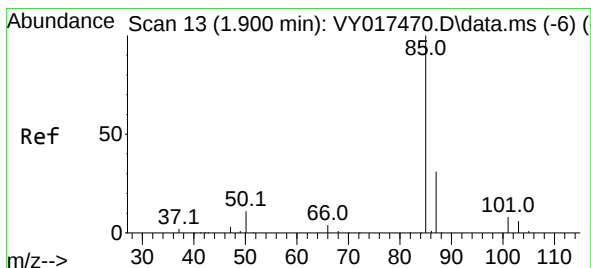
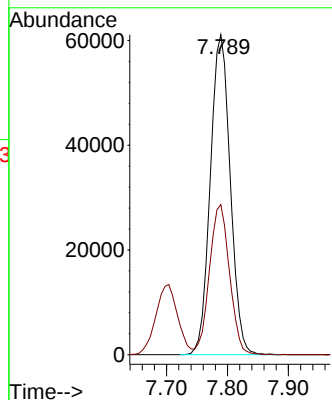
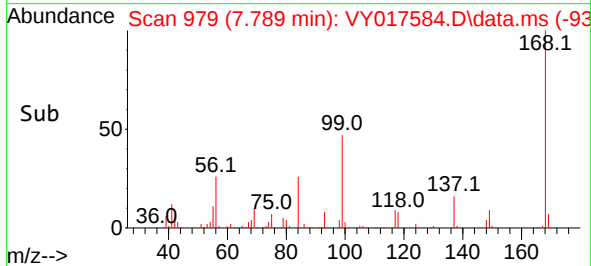
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion:168 Resp: 13888
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7

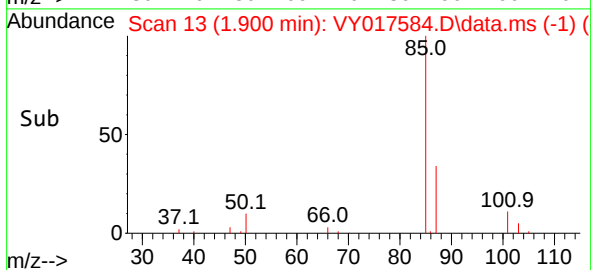
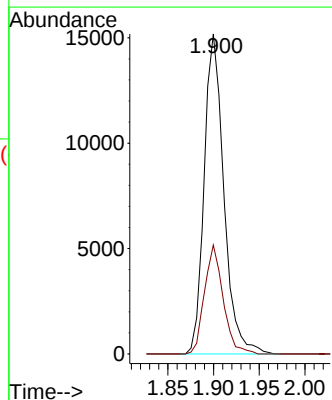
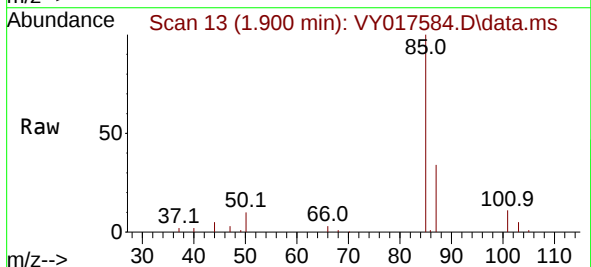
Manual Integrations
APPROVED

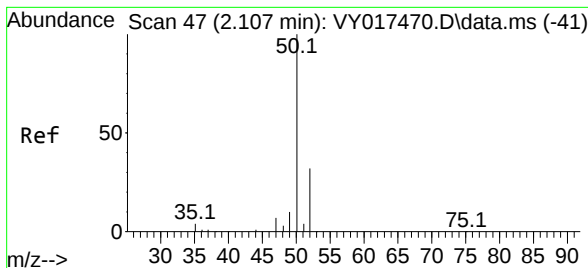
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#2
Dichlorodifluoromethane
Concen: 22.145 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

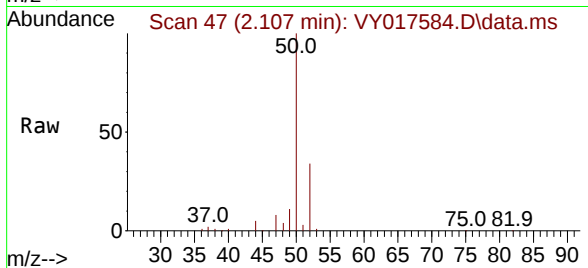
Tgt Ion: 85 Resp: 22688
Ion Ratio Lower Upper
85 100
87 34.1 16.0 48.0





#3
Chloromethane
Concen: 19.024 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

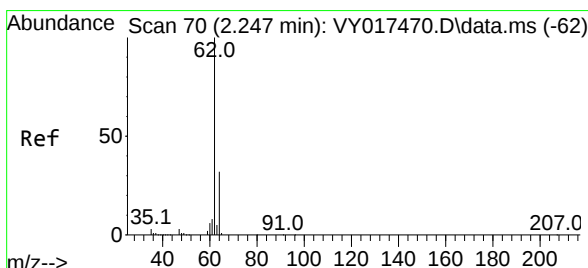
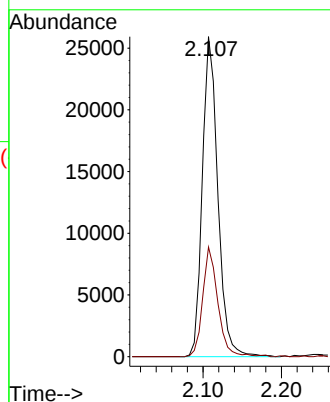
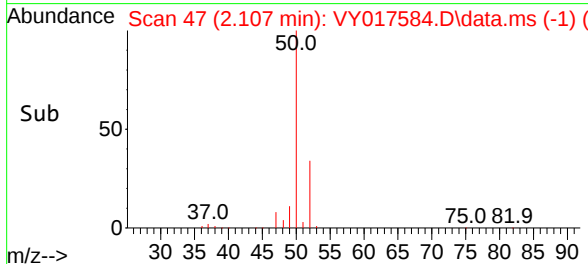
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



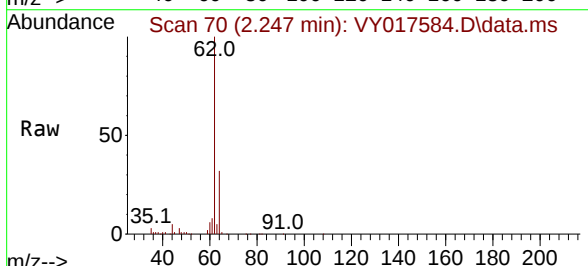
Tgt Ion: 50 Resp: 3561
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4

Manual Integrations
APPROVED

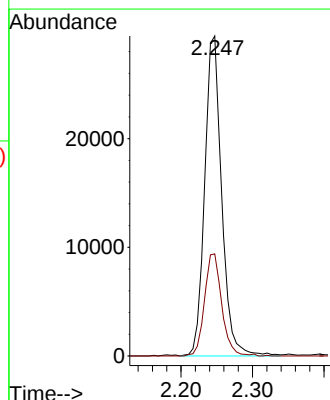
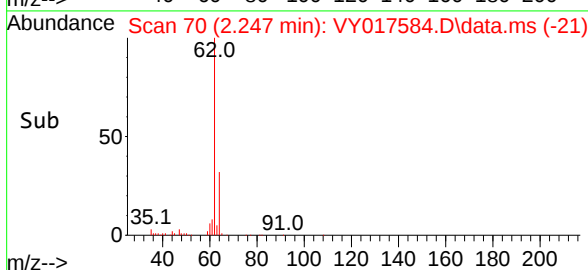
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#4
Vinyl Chloride
Concen: 20.275 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



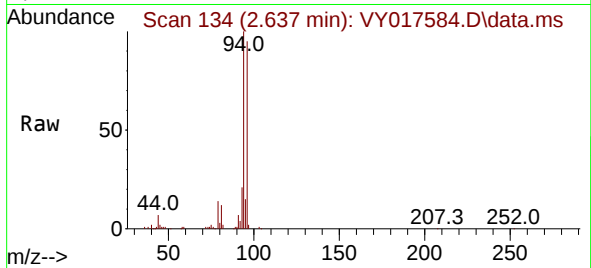
Tgt Ion: 62 Resp: 48690
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1





#5
Bromomethane
Concen: 21.350 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

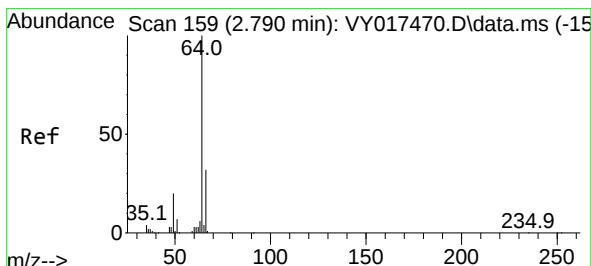
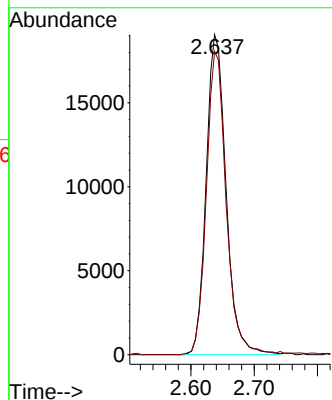
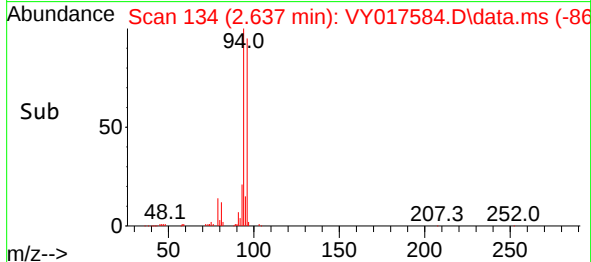
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



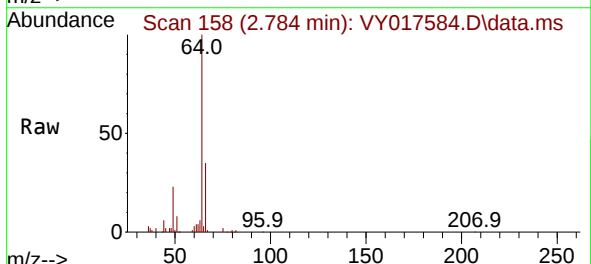
Tgt Ion: 94 Resp: 4178
Ion Ratio Lower Upper
94 100
96 94.8 74.1 111.1

Manual Integrations
APPROVED

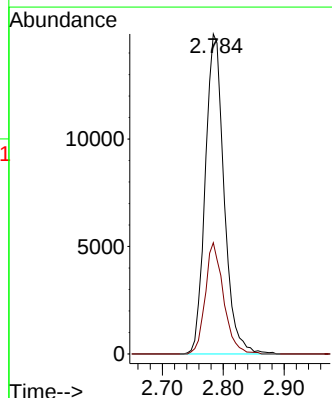
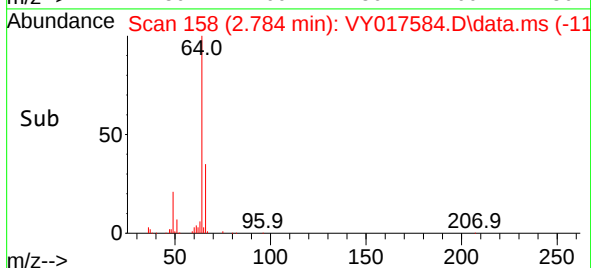
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#6
Chloroethane
Concen: 21.065 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



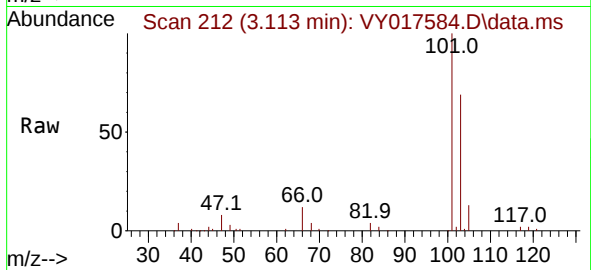
Tgt Ion: 64 Resp: 31912
Ion Ratio Lower Upper
64 100
66 34.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 22.099 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

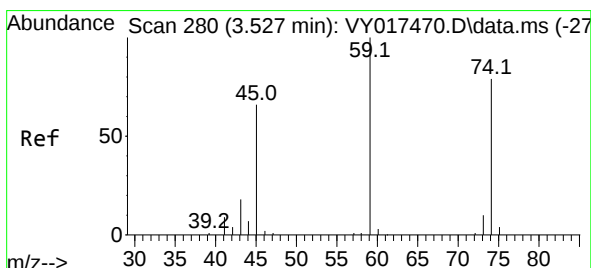
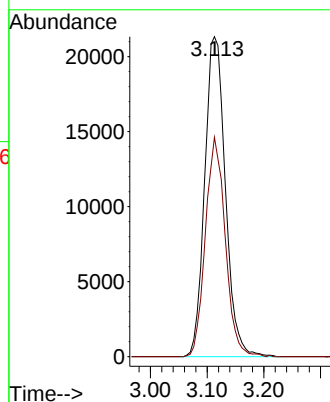
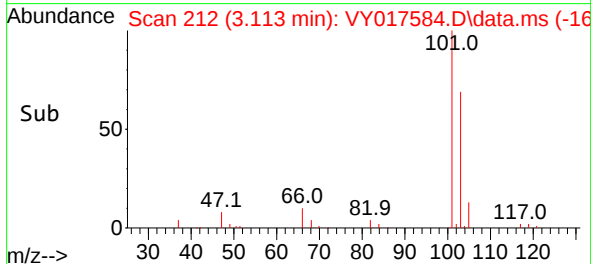
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



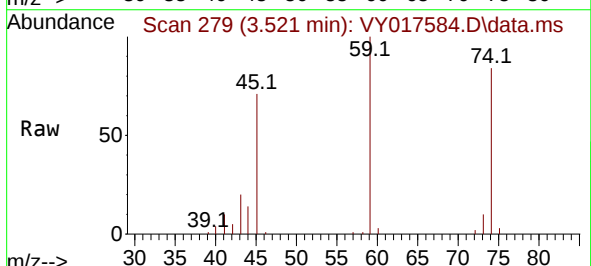
Tgt Ion:101 Resp: 5408
Ion Ratio Lower Upper
101 100
103 68.5 49.3 73.9

Manual Integrations
APPROVED

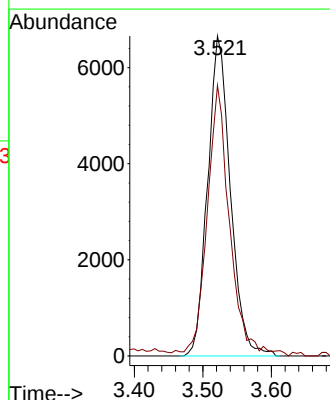
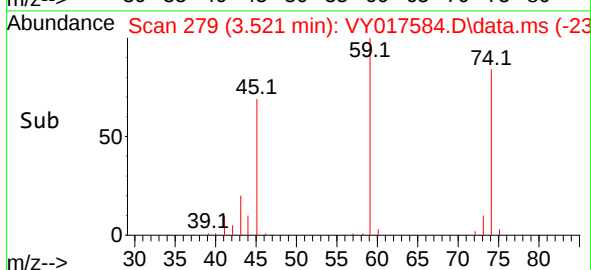
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

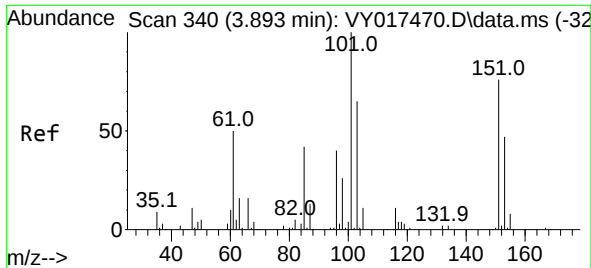


#8
Diethyl Ether
Concen: 21.394 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



Tgt Ion: 74 Resp: 15358
Ion Ratio Lower Upper
74 100
45 84.2 41.3 124.1





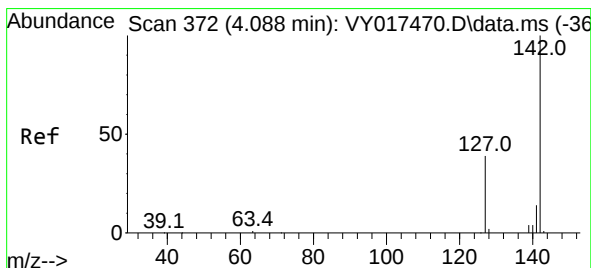
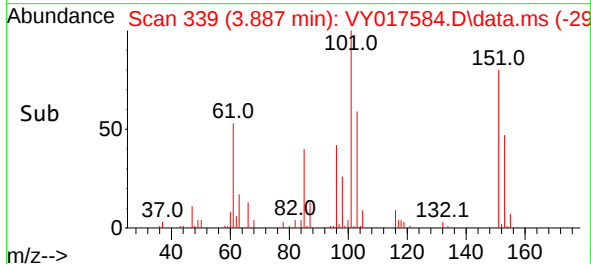
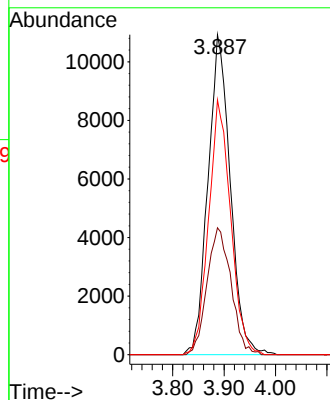
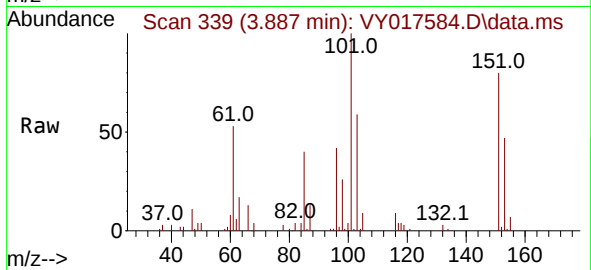
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.333 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion:101 Resp: 32849
Ion Ratio Lower Upper
101 100
85 42.7 34.5 51.7
151 78.6 61.7 92.5

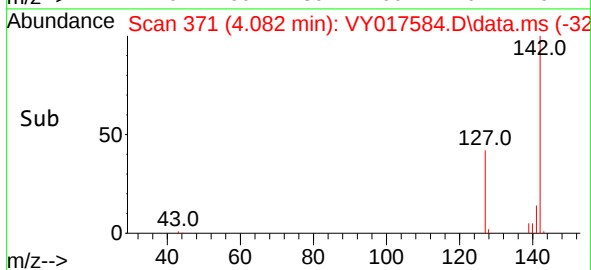
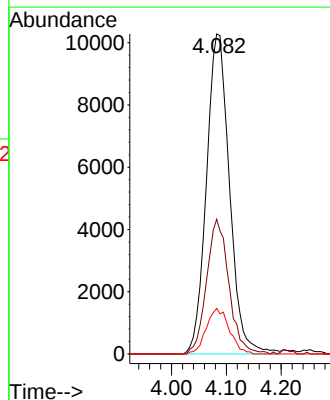
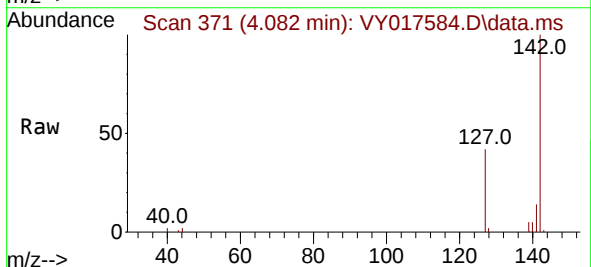
Manual Integrations
APPROVED

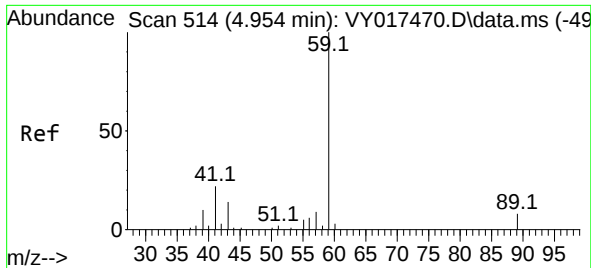
Reviewed By :John Carbone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#10
Methyl Iodide
Concen: 19.029 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

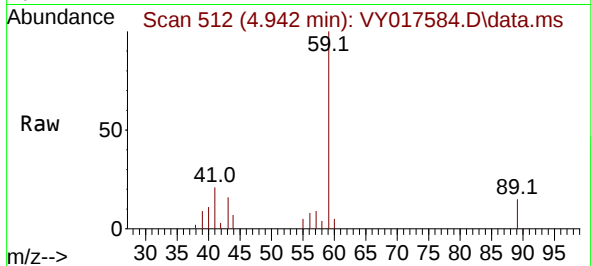
Tgt Ion:142 Resp: 30065
Ion Ratio Lower Upper
142 100
127 40.6 32.8 49.2
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 87.435 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

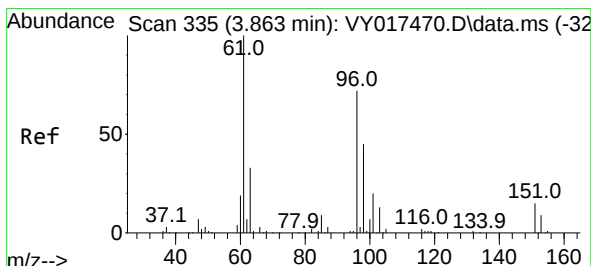
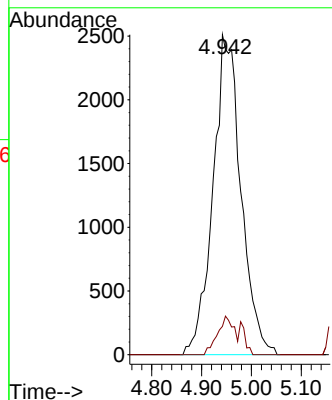
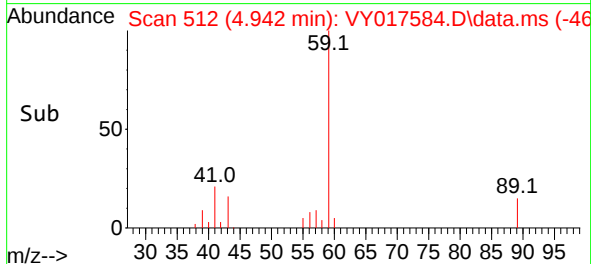
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



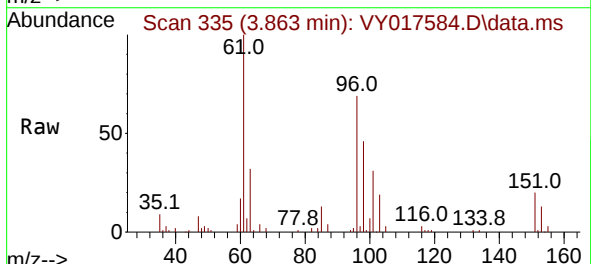
Tgt Ion: 59 Resp: 9770
Ion Ratio Lower Upper
59 100
57 7.1 3.0 4.6

Manual Integrations
APPROVED

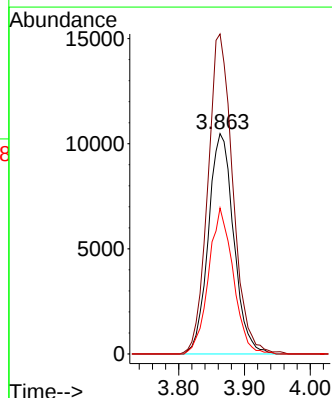
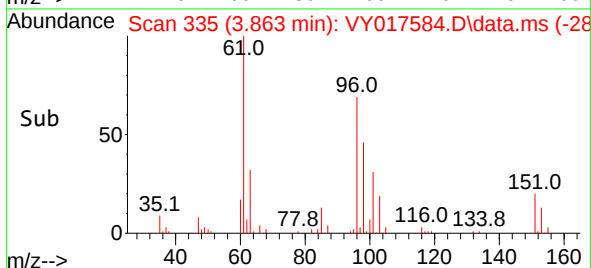
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

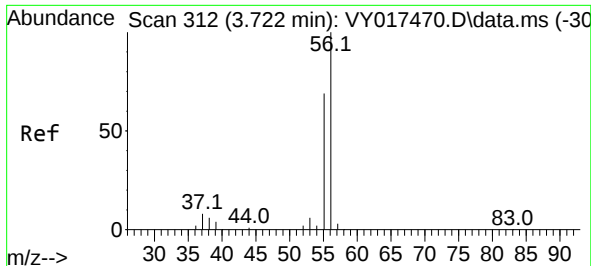


#12
1,1-Dichloroethene
Concen: 21.413 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



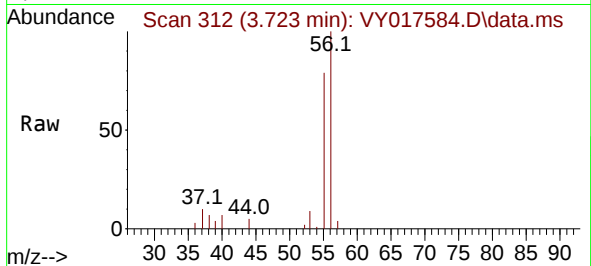
Tgt Ion: 96 Resp: 28094
Ion Ratio Lower Upper
96 100
61 145.2 114.6 171.8
98 66.2 50.8 76.2





#13
Acrolein
Concen: 87.360 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

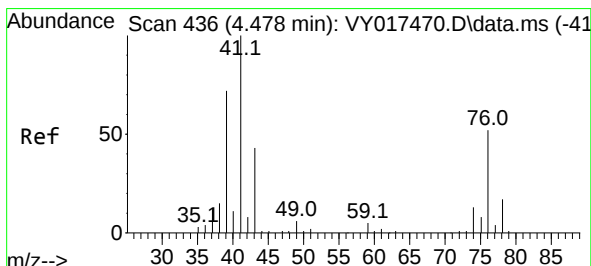
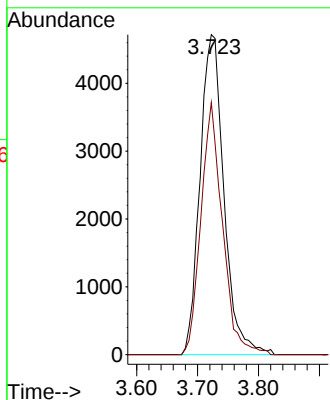
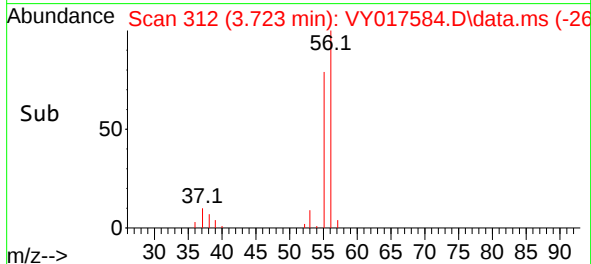
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



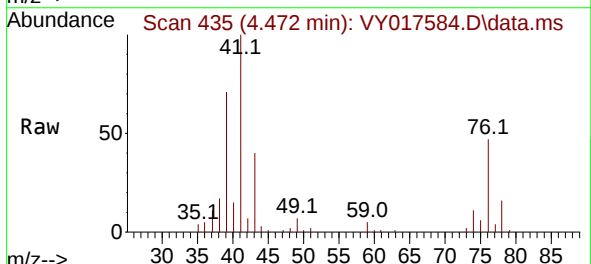
Tgt Ion: 56 Resp: 1288
Ion Ratio Lower Upper
56 100
55 71.0 55.7 83.5

Manual Integrations
APPROVED

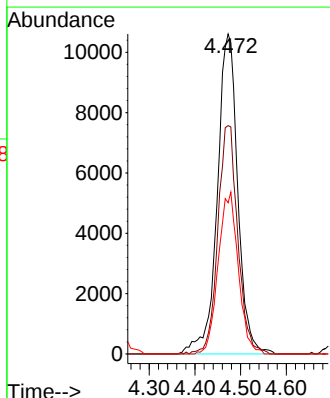
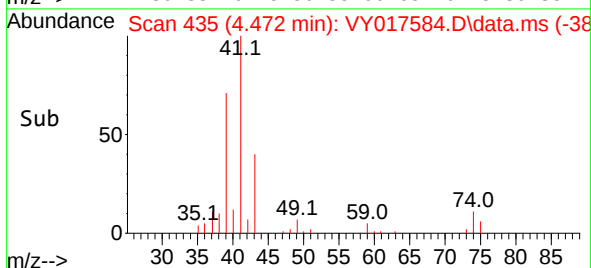
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

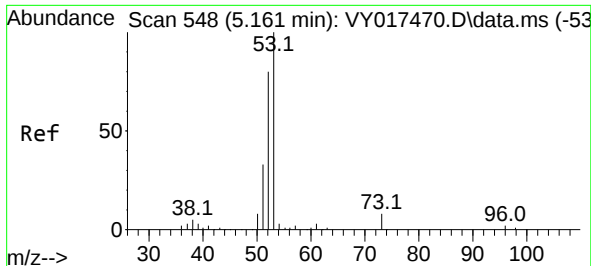


#14
Allyl chloride
Concen: 20.861 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



Tgt Ion: 41 Resp: 33070
Ion Ratio Lower Upper
41 100
39 69.4 58.3 87.5
76 49.5 39.0 58.6





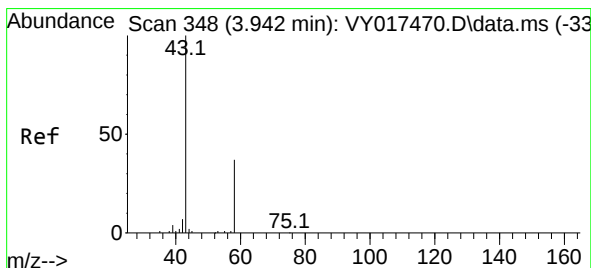
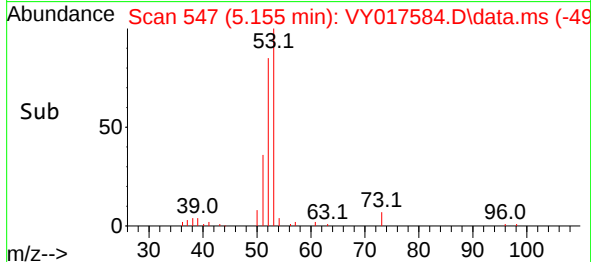
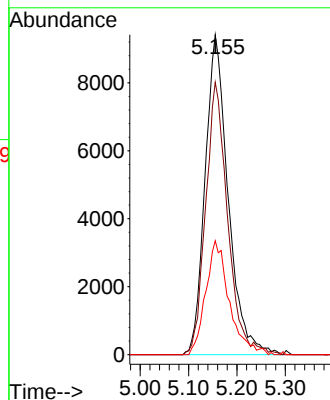
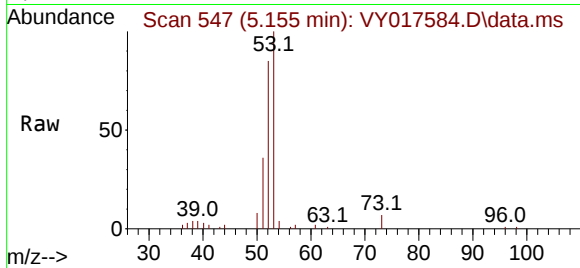
#15
Acrylonitrile
Concen: 105.748 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 53 Resp: 31200
Ion Ratio Lower Upper
53 100
52 81.4 64.7 97.1
51 36.3 28.4 42.6

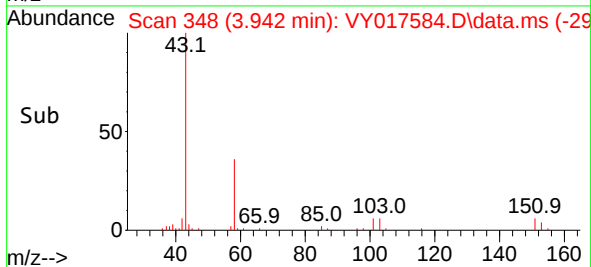
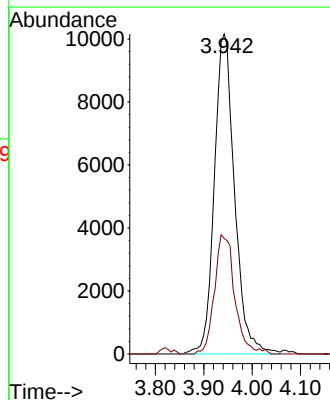
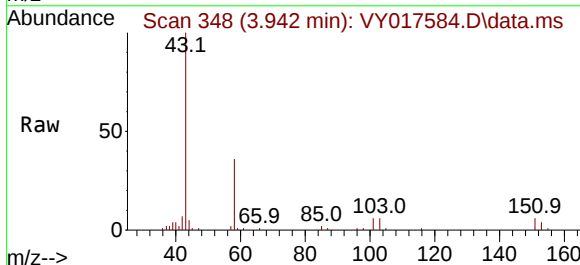
Manual Integrations
APPROVED

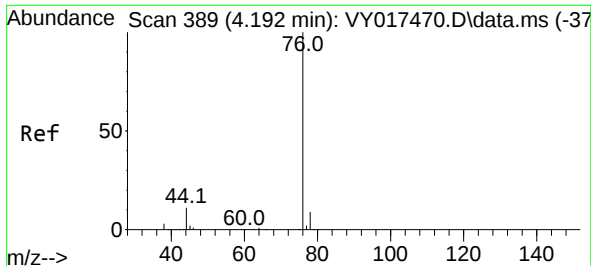
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#16
Acetone
Concen: 115.788 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion: 43 Resp: 29561
Ion Ratio Lower Upper
43 100
58 36.1 31.7 47.5





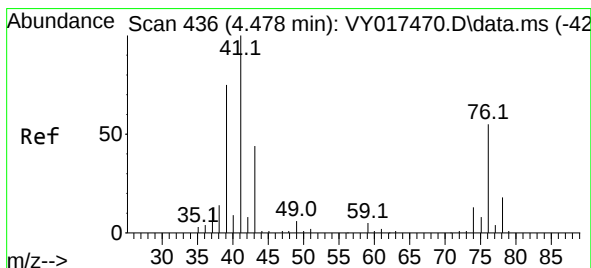
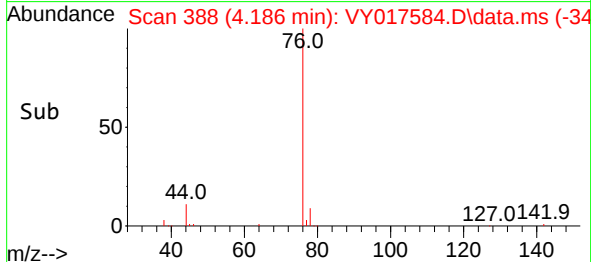
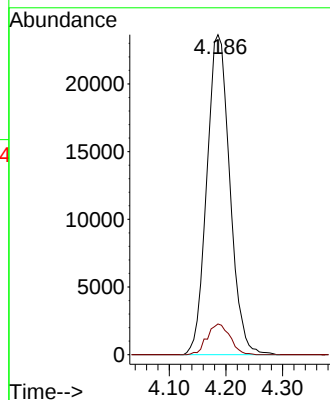
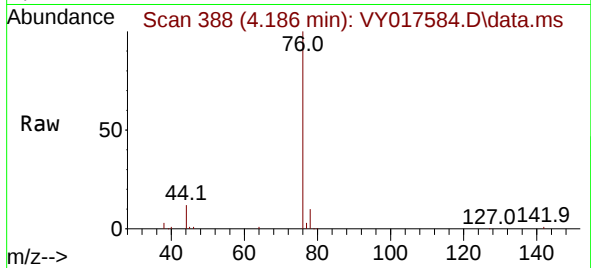
#17
Carbon Disulfide
Concen: 16.911 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 76 Resp: 6659
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

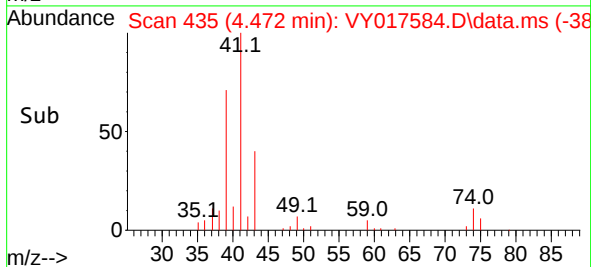
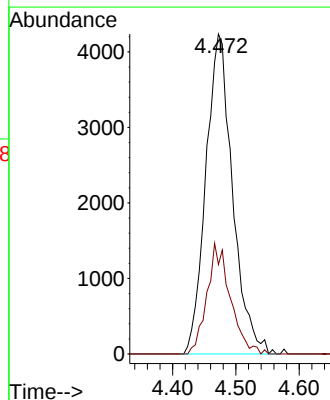
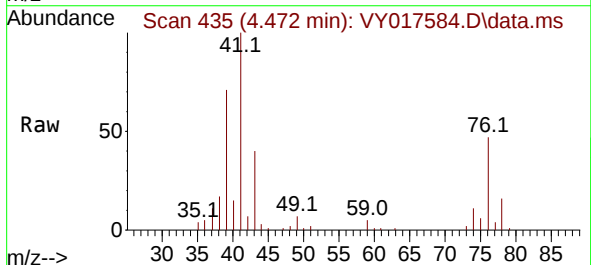
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 20.057 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

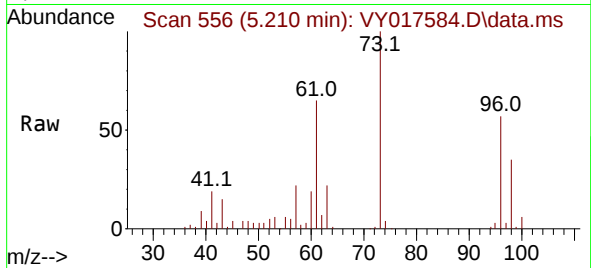
Tgt Ion: 43 Resp: 12423
Ion Ratio Lower Upper
43 100
74 30.2 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 21.259 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

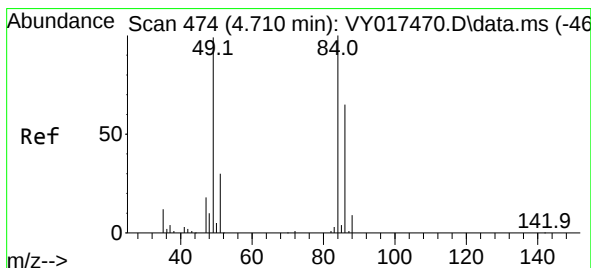
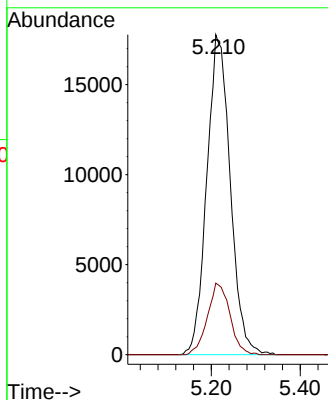
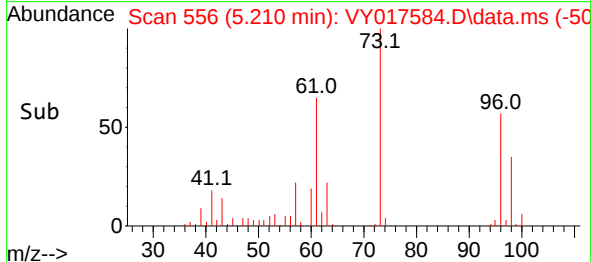
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 73 Resp: 65009
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

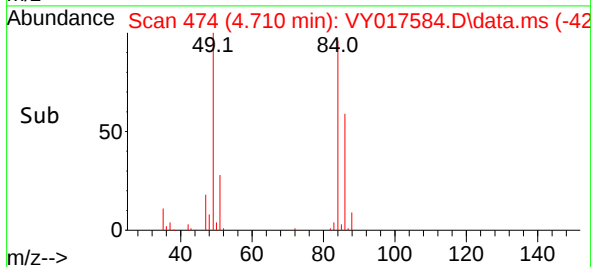
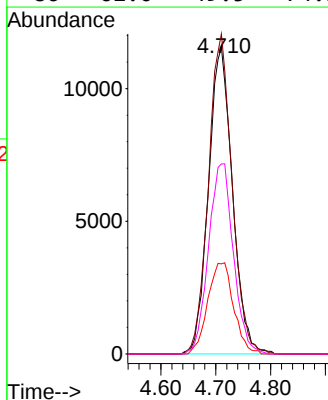
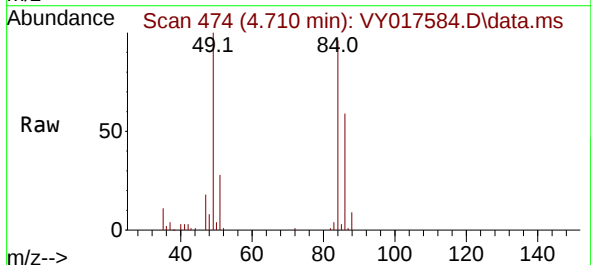
Manual Integrations
APPROVED

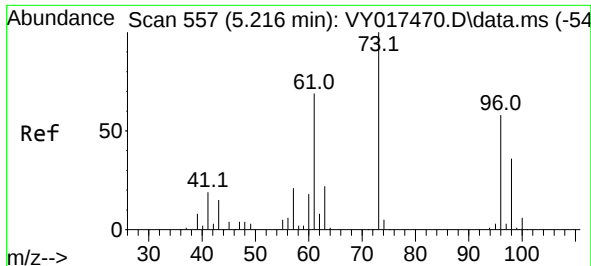
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#20
Methylene Chloride
Concen: 20.102 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

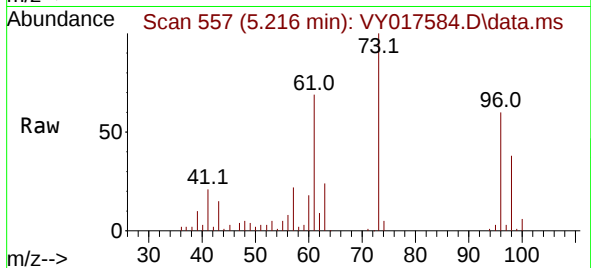
Tgt Ion: 84 Resp: 35065
Ion Ratio Lower Upper
84 100
49 104.3 84.4 126.6
51 29.4 26.0 39.0
86 62.0 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 20.422 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

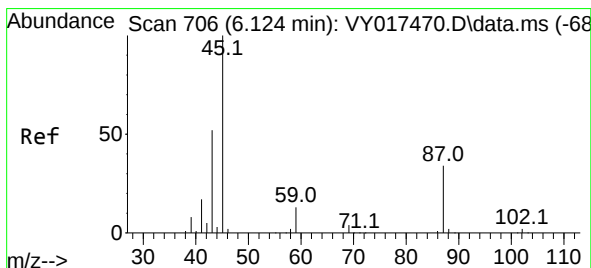
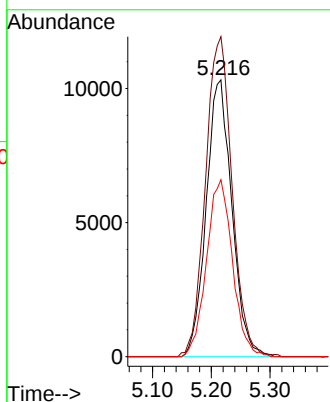
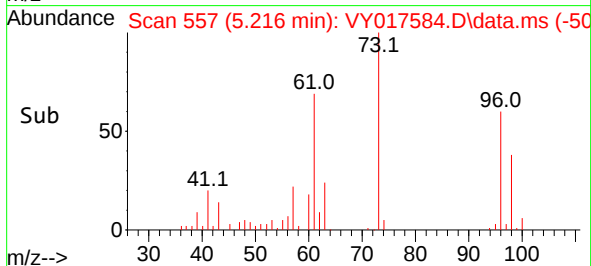
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



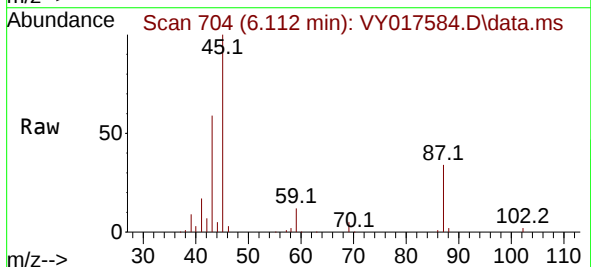
Tgt Ion: 96 Resp: 31372
Ion Ratio Lower Upper
96 100
61 115.6 97.5 146.3
98 63.9 50.5 75.7

Manual Integrations
APPROVED

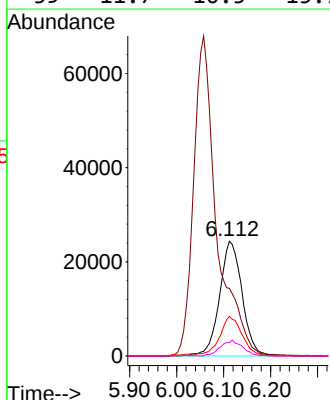
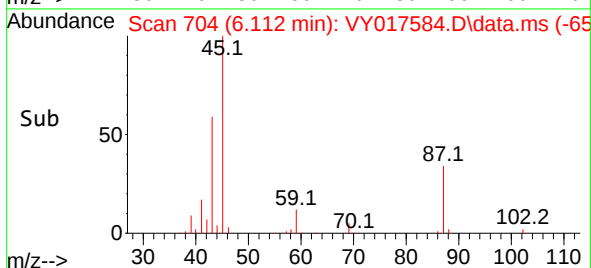
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

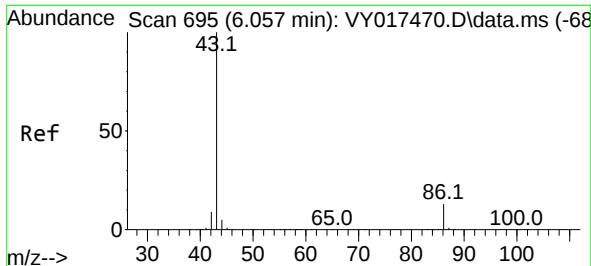


#22
Diisopropyl ether
Concen: 22.200 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



Tgt Ion: 45 Resp: 81213
Ion Ratio Lower Upper
45 100
43 57.9 42.2 63.2
87 34.4 25.0 37.6
59 11.7 10.5 15.7





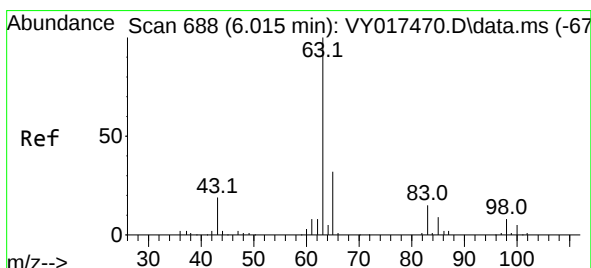
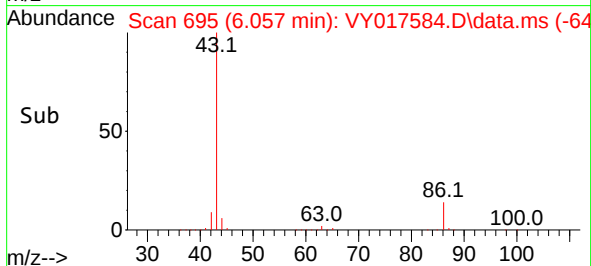
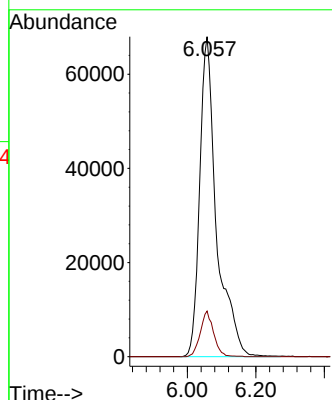
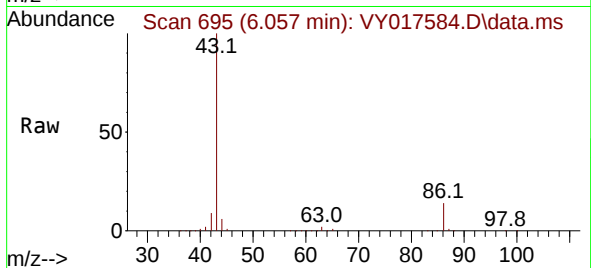
#23
 Vinyl Acetate
 Concen: 106.654 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017584.D
 Acq: 06 Mar 2024 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS02

Tgt Ion: 43 Resp: 23249
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.6 16.0

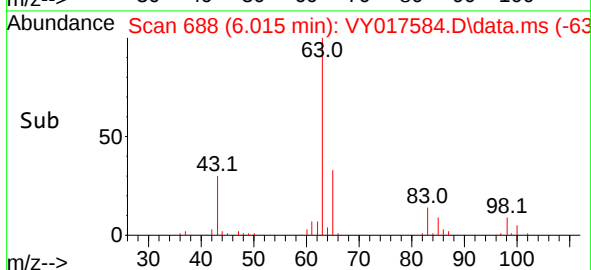
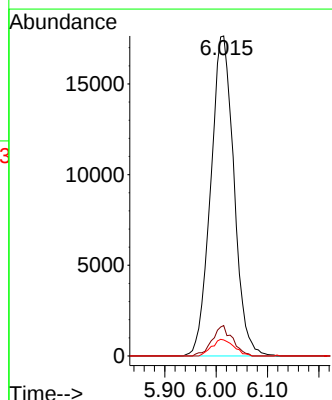
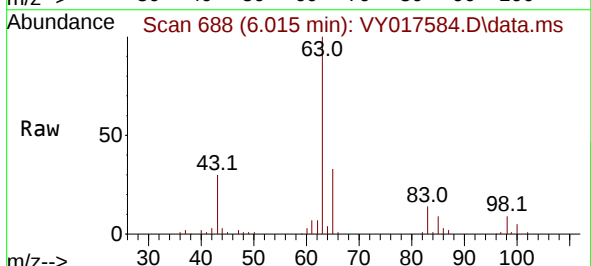
Manual Integrations
 APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 22.141 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017584.D
 Acq: 06 Mar 2024 11:00

Tgt Ion: 63 Resp: 55334
 Ion Ratio Lower Upper
 63 100
 98 9.5 4.0 12.2
 100 5.0 2.6 8.0





#25

2-Butanone

Concen: 109.290 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 43 Resp: 39764

Ion Ratio Lower Upper

43 100

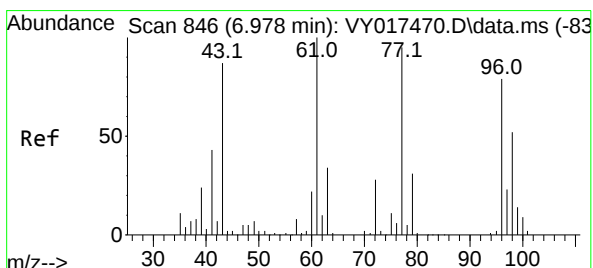
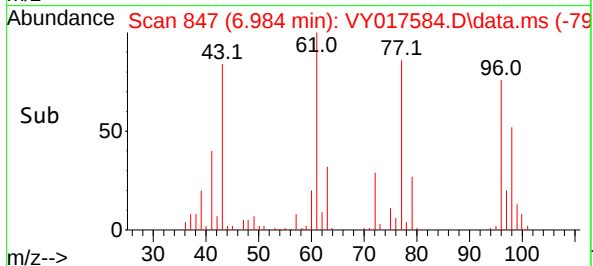
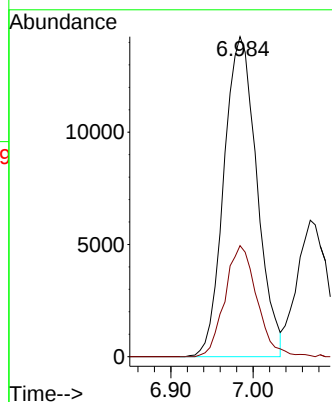
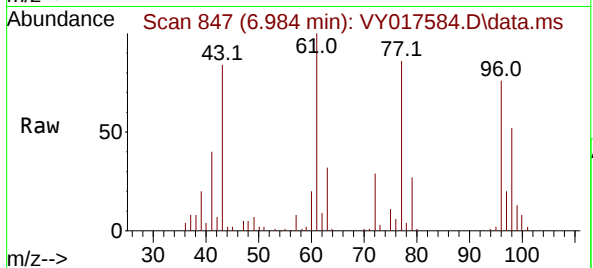
72 34.7 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#26

2,2-Dichloropropane

Concen: 22.451 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY017584.D

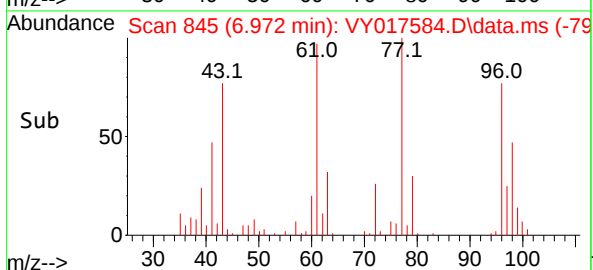
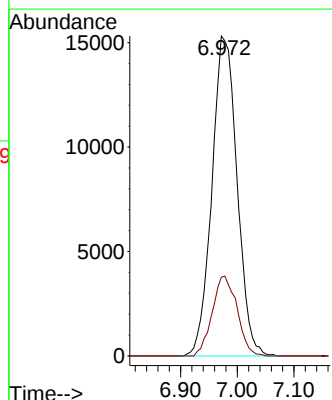
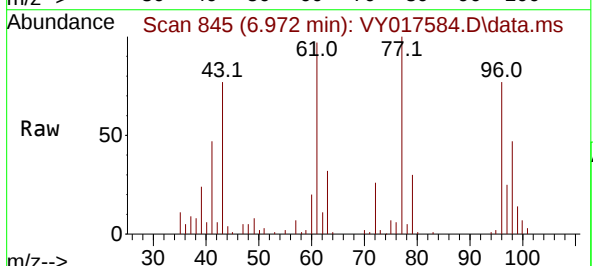
Acq: 06 Mar 2024 11:00

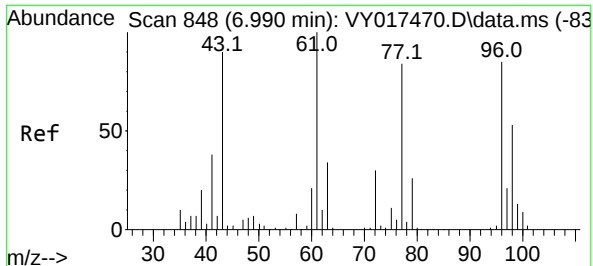
Tgt Ion: 77 Resp: 47176

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.564 ug/l

RT: 6.978 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 96 Resp: 3719

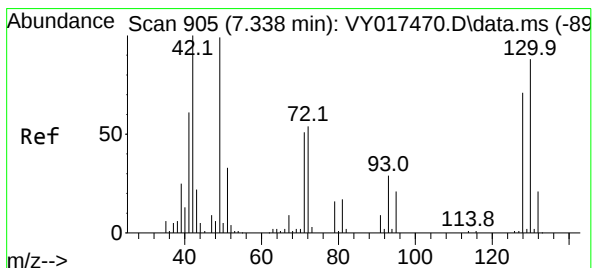
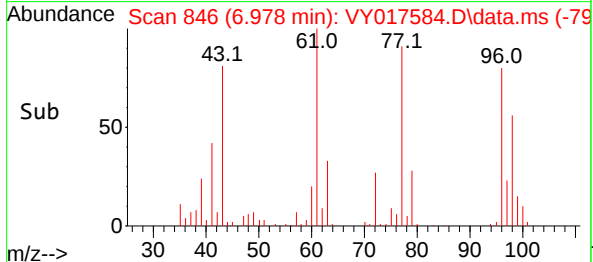
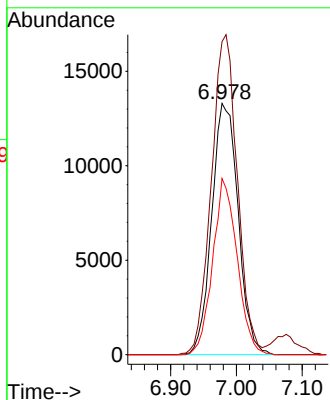
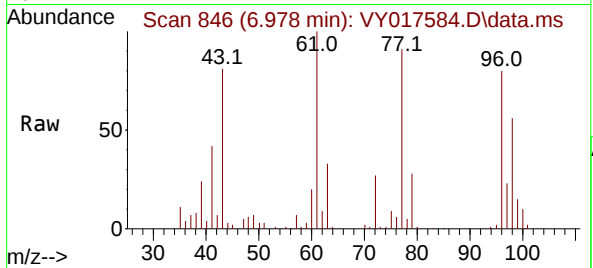
Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	256.2
98	64.8	0.0	130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#28

Bromochloromethane

Concen: 19.020 ug/l

RT: 7.332 min Scan# 904

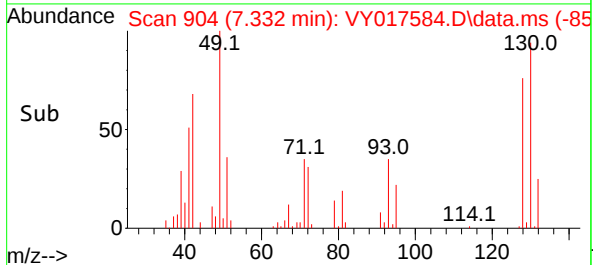
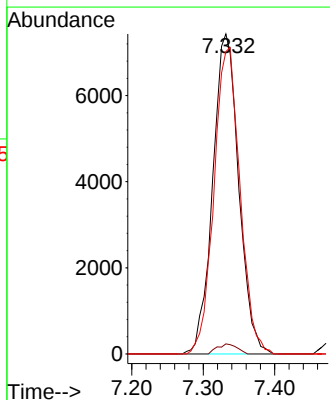
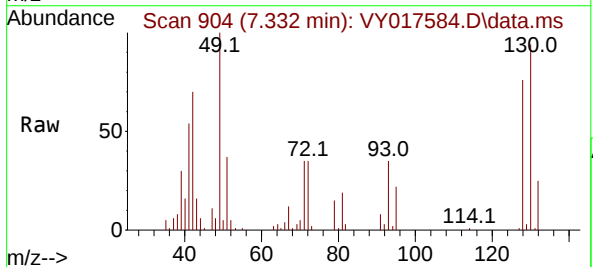
Delta R.T. -0.006 min

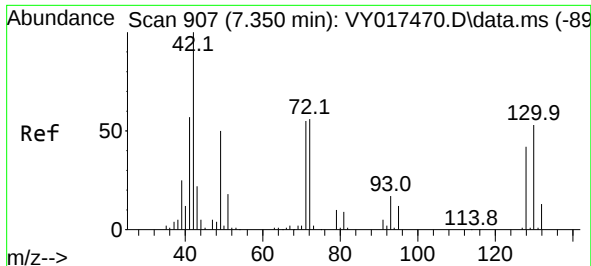
Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Tgt Ion: 49 Resp: 18721

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	96.1	72.7	109.1





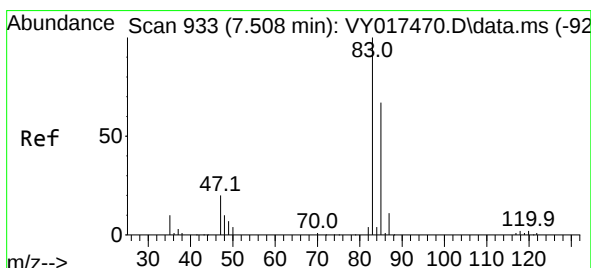
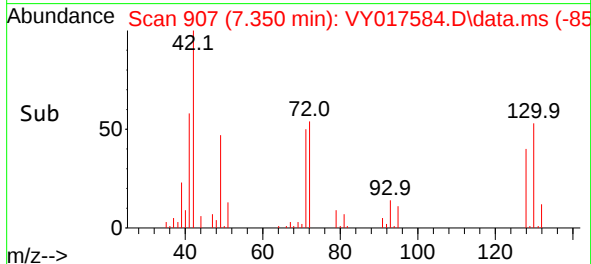
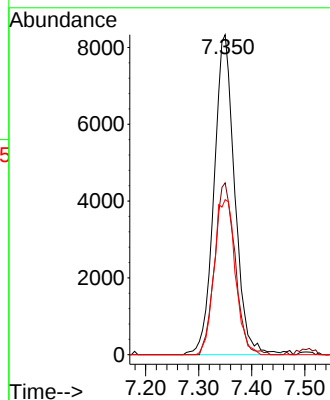
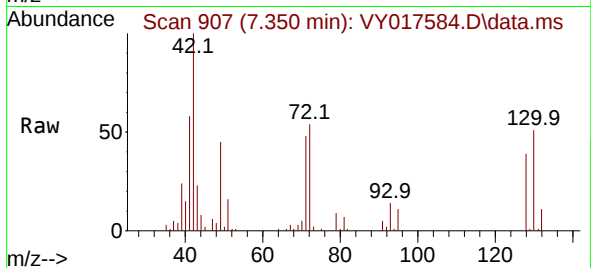
#29
Tetrahydrofuran
Concen: 102.966 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 42 Resp: 2258
Ion Ratio Lower Upper
42 100
72 52.8 43.0 64.4
71 50.1 40.8 61.2

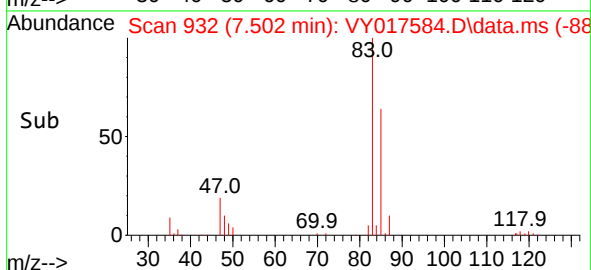
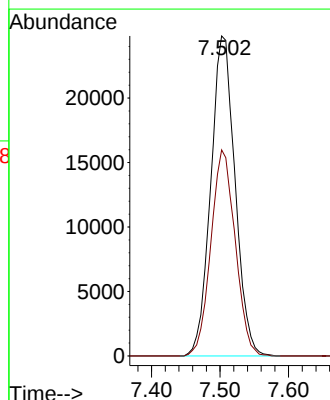
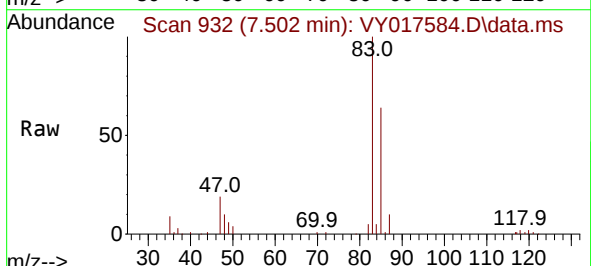
Manual Integrations
APPROVED

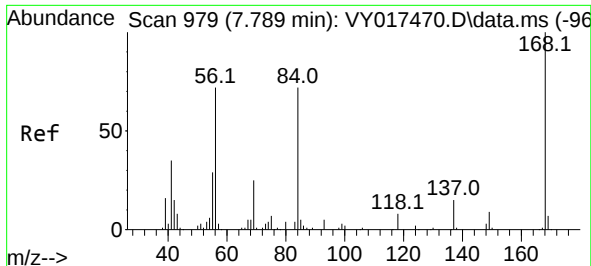
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#30
Chloroform
Concen: 22.951 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

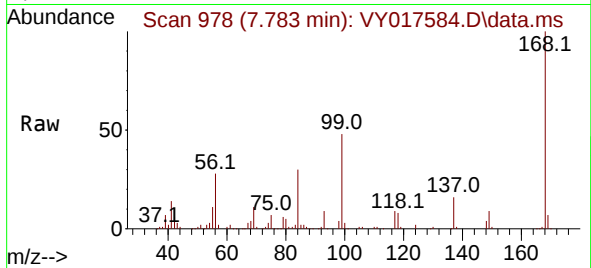
Tgt Ion: 83 Resp: 61070
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4





#31
Cyclohexane
Concen: 19.814 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

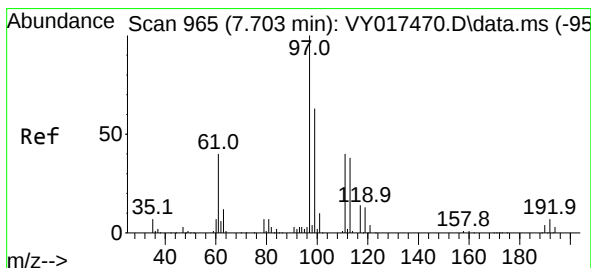
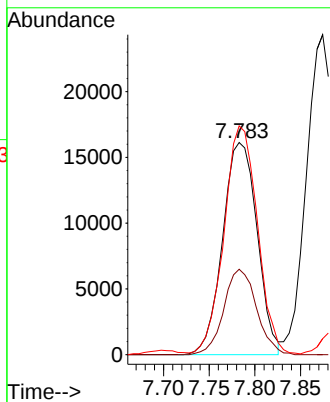
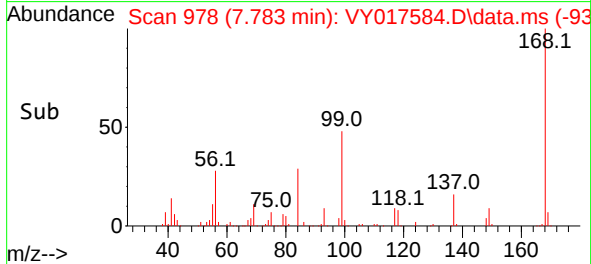
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



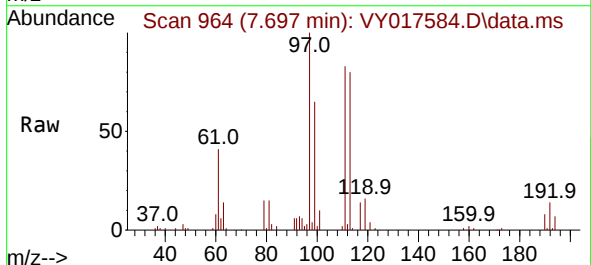
Tgt Ion: 56 Resp: 4244
Ion Ratio Lower Upper
56 100
69 40.2 28.7 43.1
84 106.8 77.7 116.5

Manual Integrations
APPROVED

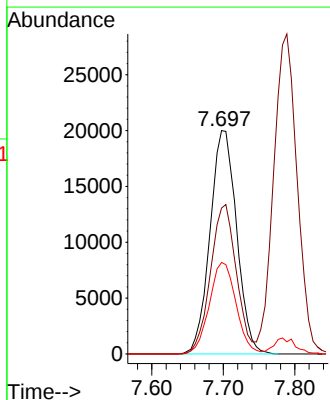
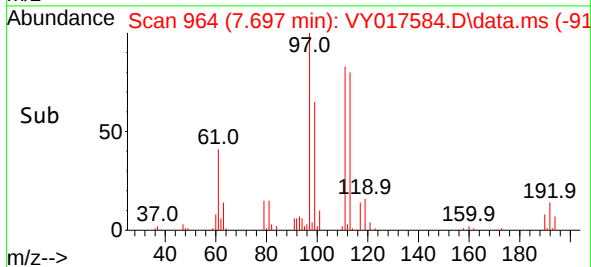
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

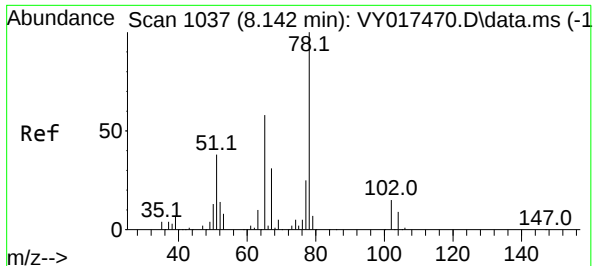


#32
1,1,1-Trichloroethane
Concen: 22.389 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



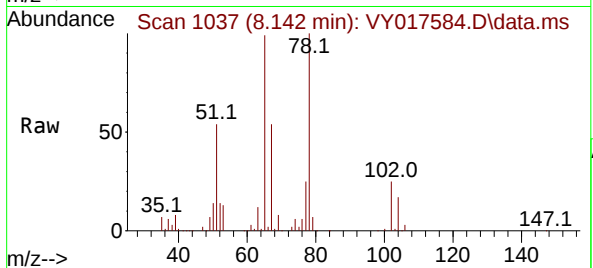
Tgt Ion: 97 Resp: 51721
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 41.1 32.6 48.8





#33
1,2-Dichloroethane-d4
Concen: 49.175 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

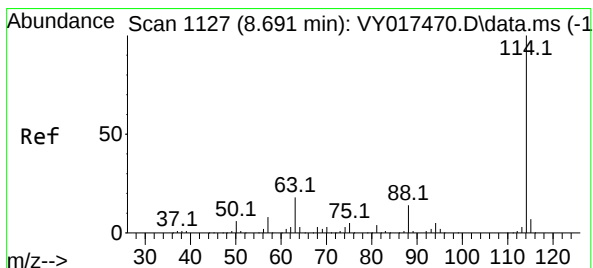
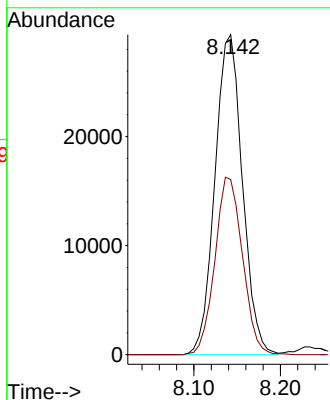
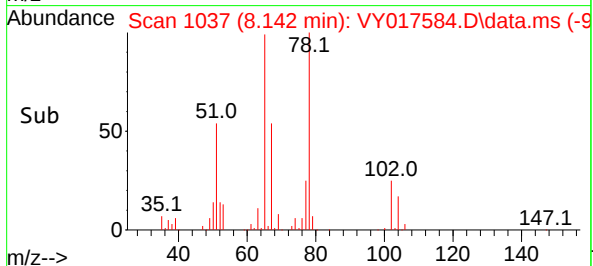
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



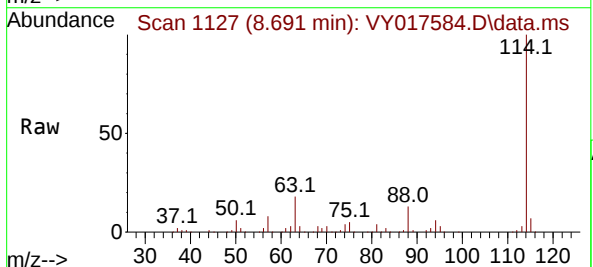
Tgt Ion: 65 Resp: 64728
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6

Manual Integrations
APPROVED

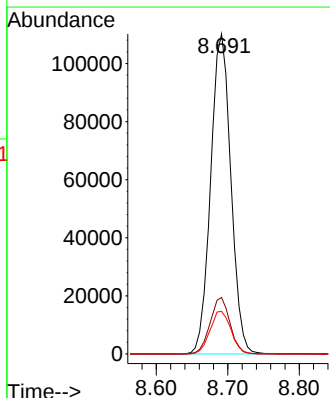
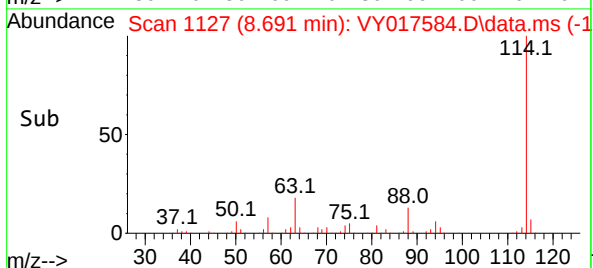
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



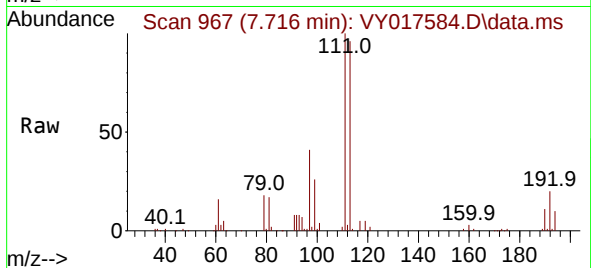
Tgt Ion:114 Resp: 216131
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 13.3 0.0 27.2





#35
Dibromofluoromethane
Concen: 49.770 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

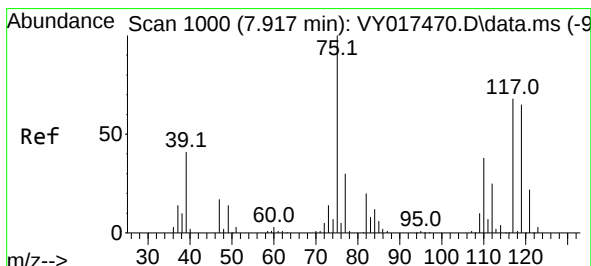
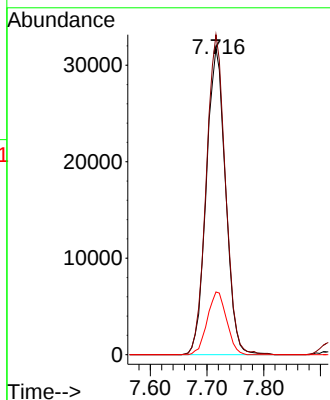
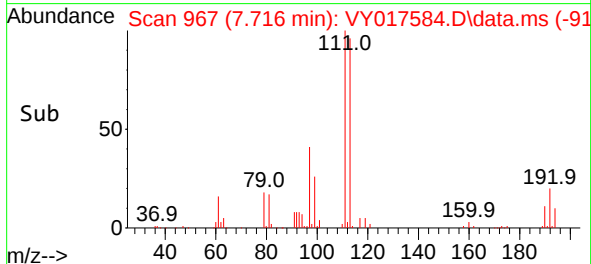
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion:113 Resp: 7495
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 20.5 15.9 23.9

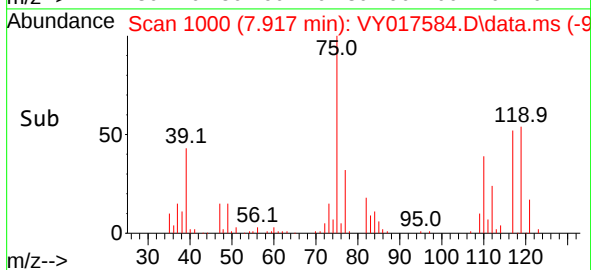
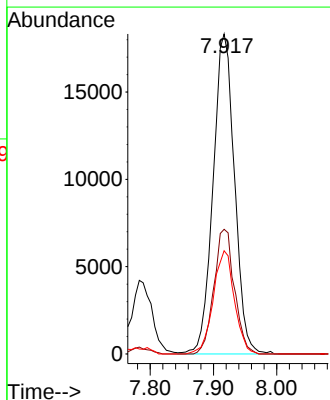
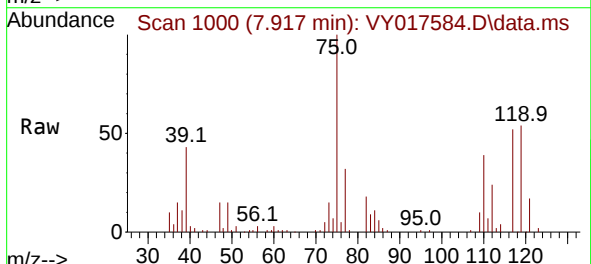
Manual Integrations
APPROVED

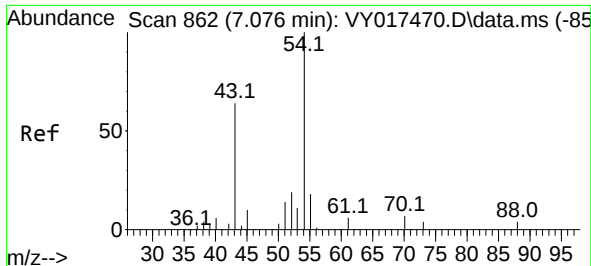
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#36
1,1-Dichloropropene
Concen: 21.189 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

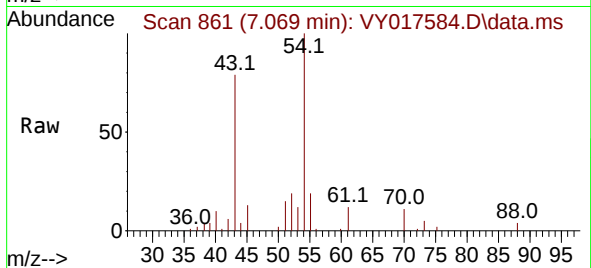
Tgt Ion: 75 Resp: 43057
Ion Ratio Lower Upper
75 100
110 37.2 19.0 57.0
77 31.8 25.3 37.9





#37
Ethyl Acetate
Concen: 20.561 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

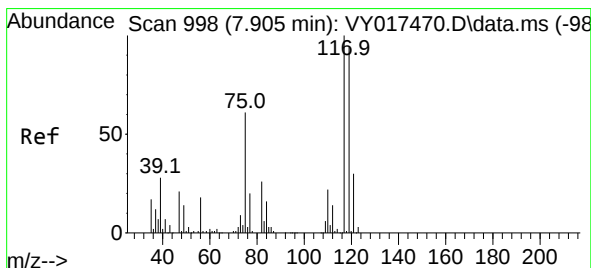
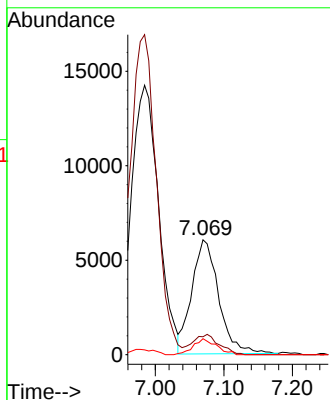
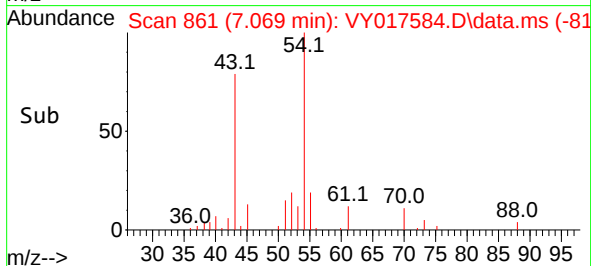
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 43 Resp: 16502
Ion Ratio Lower Upper
43 100
61 17.5 12.6 19.0
70 12.0 7.8 11.8

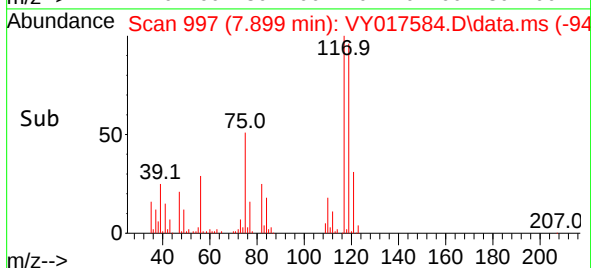
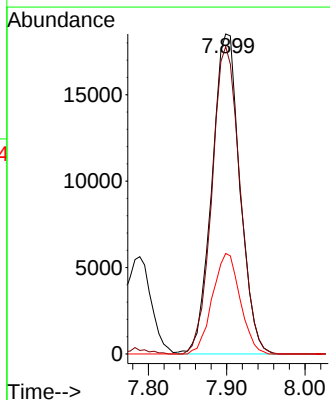
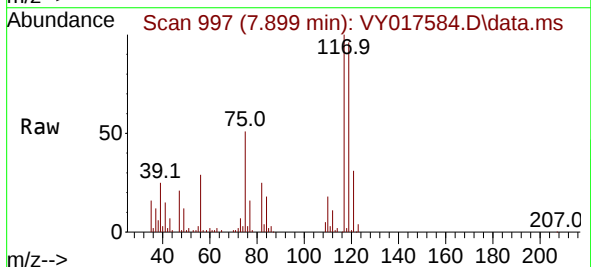
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 22.583 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion:117 Resp: 45991
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 31.4 24.0 36.0





#39

Methylcyclohexane

Concen: 19.963 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

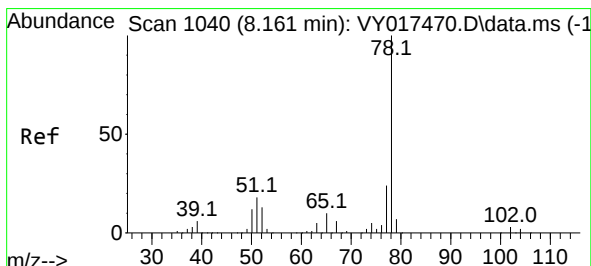
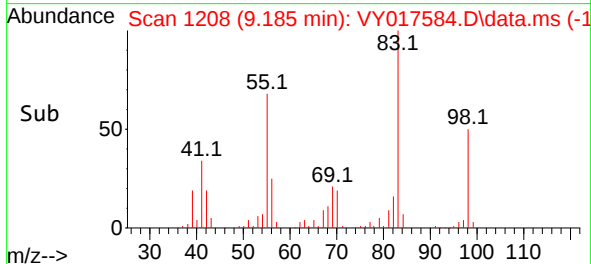
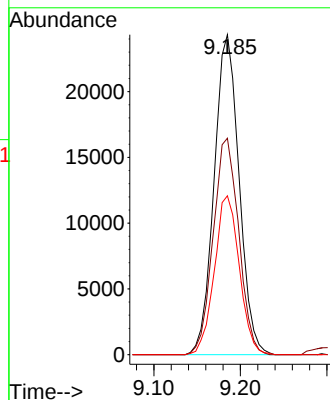
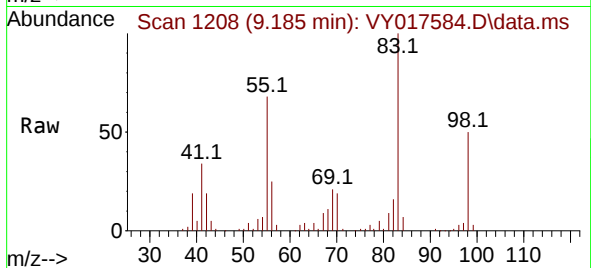
Tgt Ion: 83	Resp: 4875
Ion Ratio	Lower Upper
83	100
55	67.6 51.5 77.3
98	49.6 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#40

Benzene

Concen: 21.239 ug/l

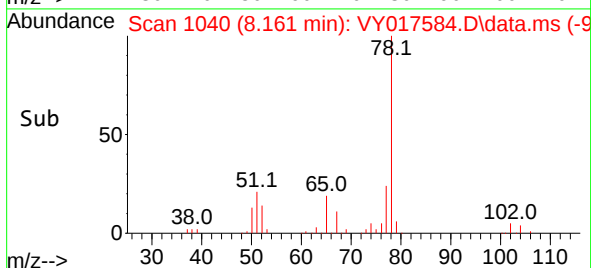
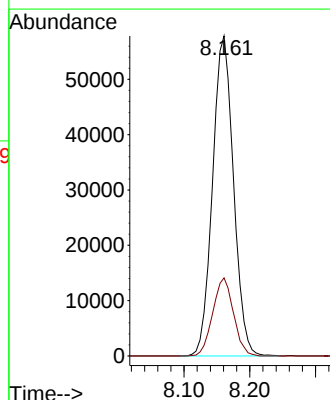
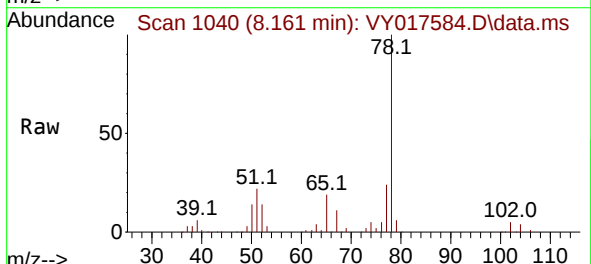
RT: 8.161 min Scan# 1040

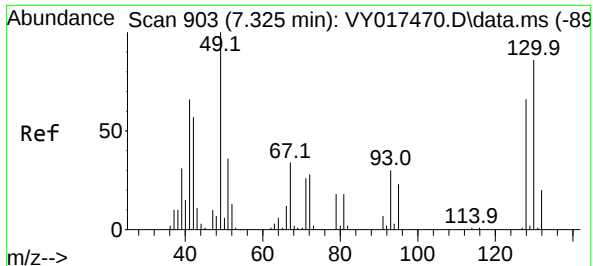
Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

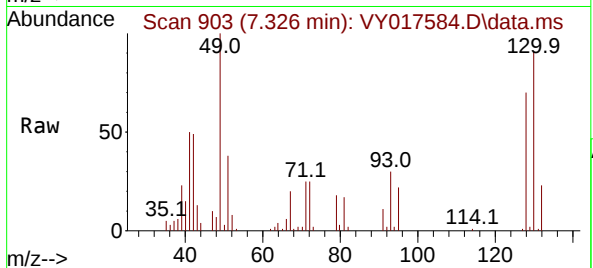
Tgt Ion: 78	Resp: 128166
Ion Ratio	Lower Upper
78	100
77	24.4 19.5 29.3





#41
Methacrylonitrile
Concen: 22.980 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

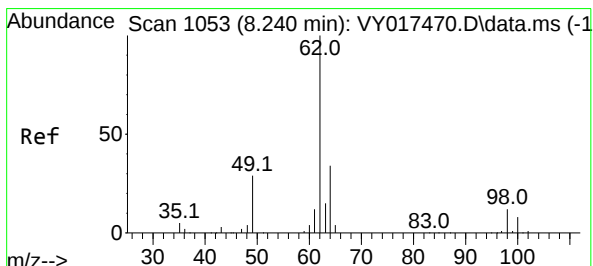
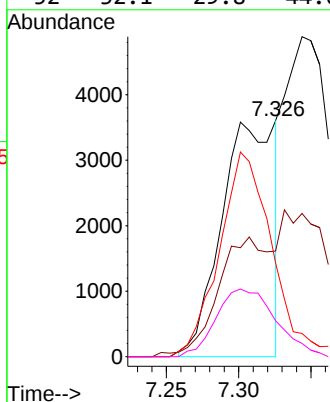
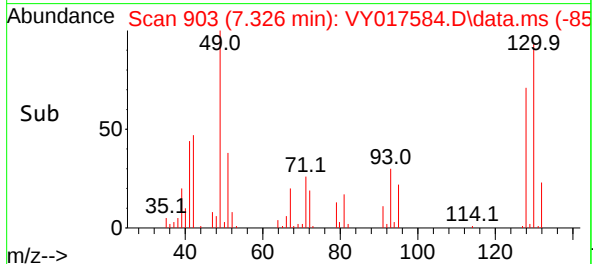
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 41 Resp: 925
Ion Ratio Lower Upper
41 100
39 45.6 48.0 72.0
67 85.1 75.1 112.7
52 32.1 29.8 44.6

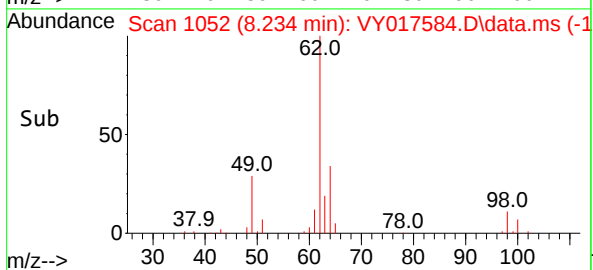
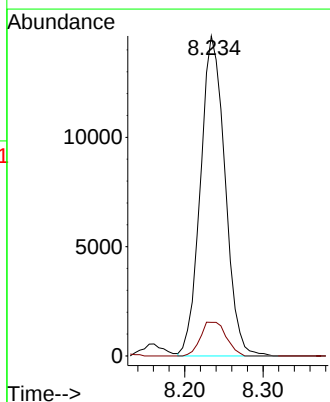
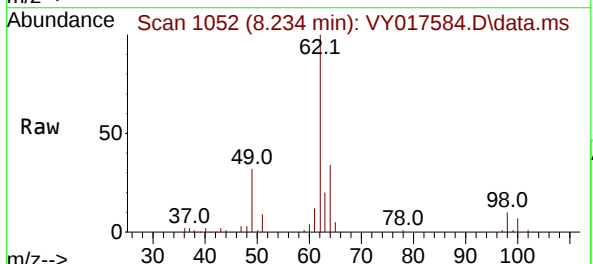
Manual Integrations
APPROVED

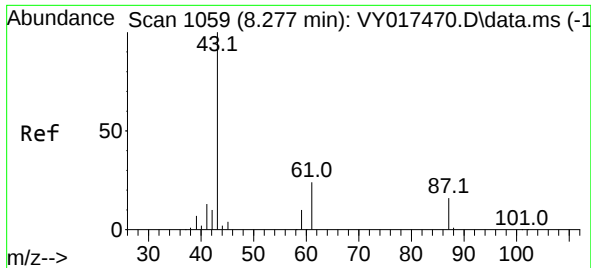
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#42
1,2-Dichloroethane
Concen: 21.682 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

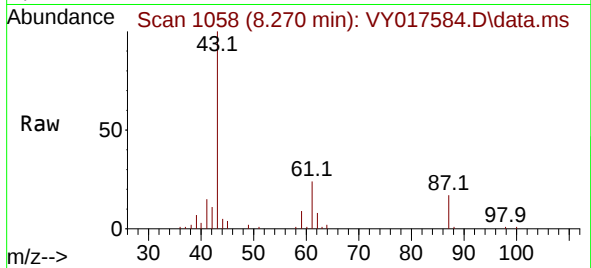
Tgt Ion: 62 Resp: 31923
Ion Ratio Lower Upper
62 100
98 11.1 0.0 22.0





#43
Isopropyl Acetate
Concen: 21.103 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

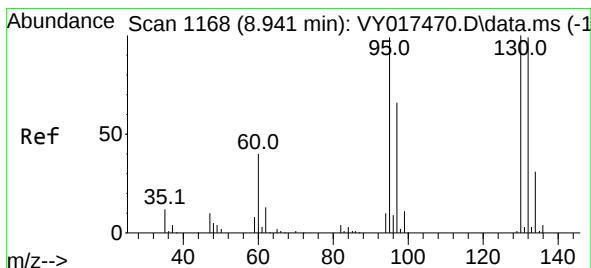
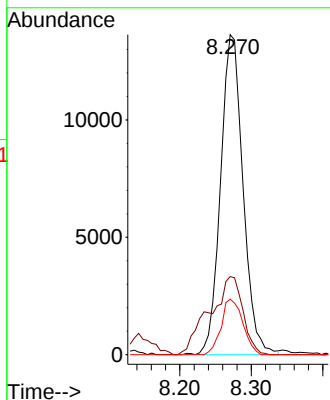
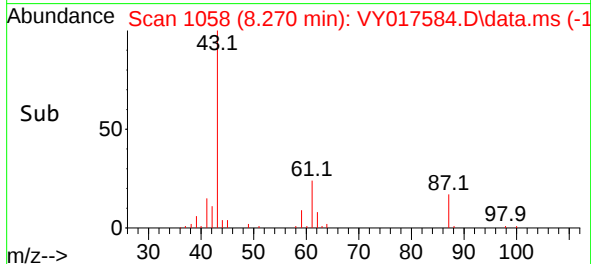
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion: 43 Resp: 29762
Ion Ratio Lower Upper
43 100
61 36.1 27.9 41.9
87 16.7 13.1 19.7

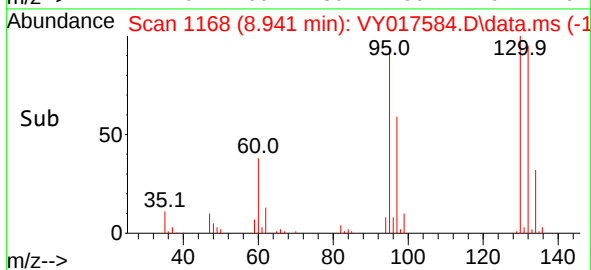
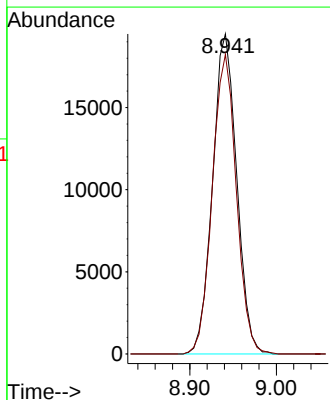
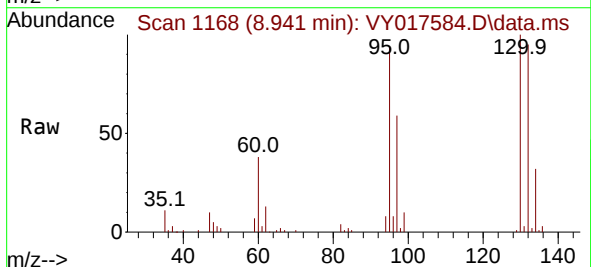
Manual Integrations
APPROVED

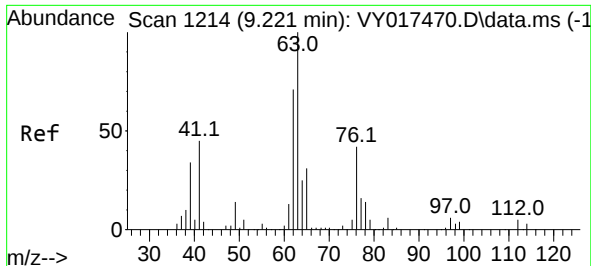
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#44
Trichloroethene
Concen: 21.625 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion:130 Resp: 37613
Ion Ratio Lower Upper
130 100
95 93.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.377 ug/l

RT: 9.215 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 63 Resp: 3212

Ion Ratio Lower Upper

63 100

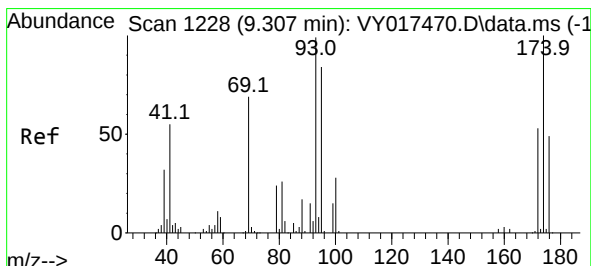
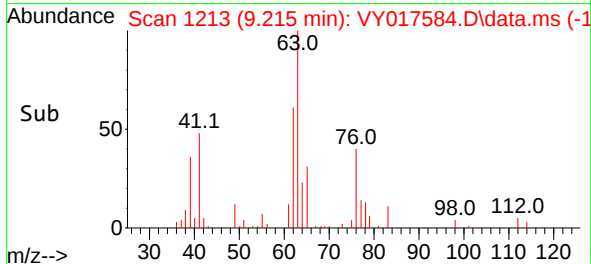
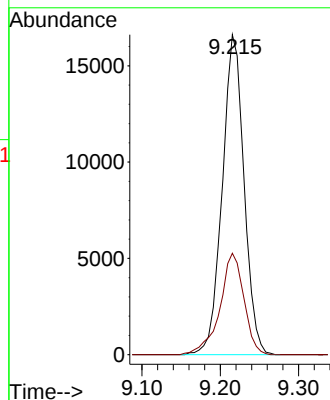
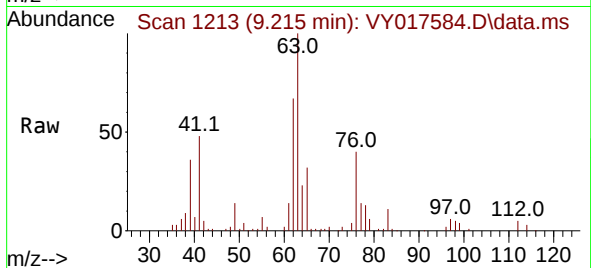
65 31.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#46

Dibromomethane

Concen: 21.452 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

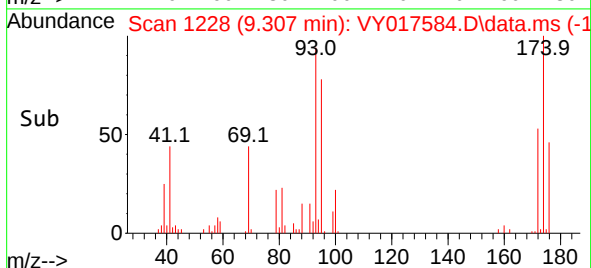
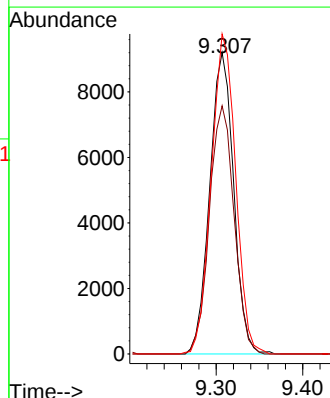
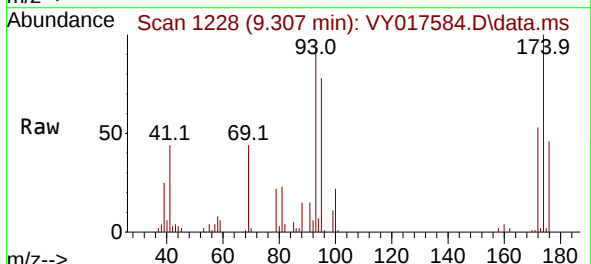
Tgt Ion: 93 Resp: 17626

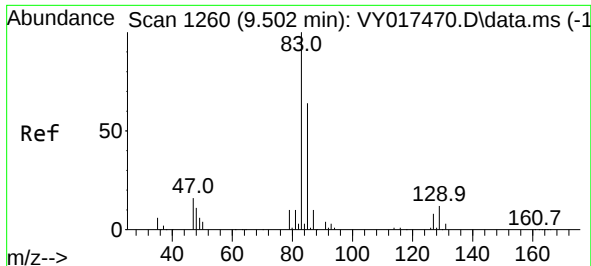
Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.4

174 108.5 80.9 121.3





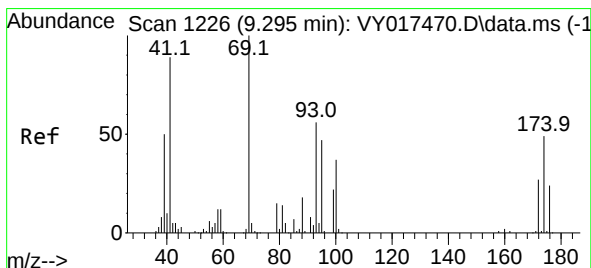
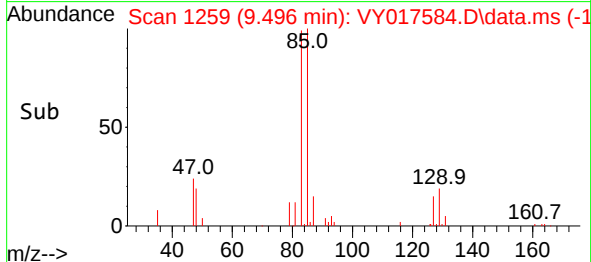
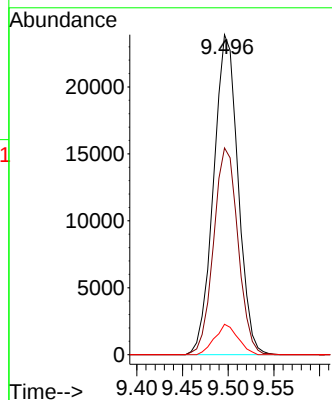
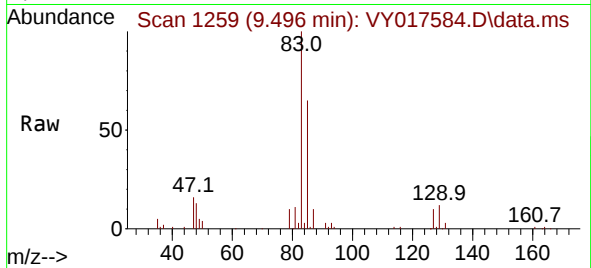
#47
Bromodichloromethane
Concen: 22.278 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 83 Resp: 4444
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 9.5 7.4 11.0

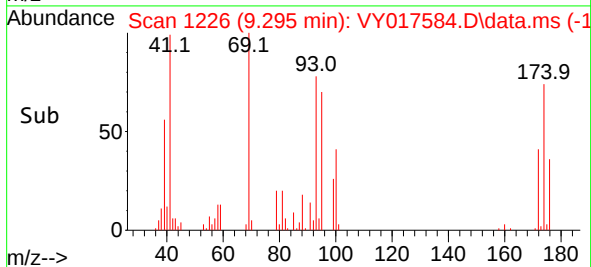
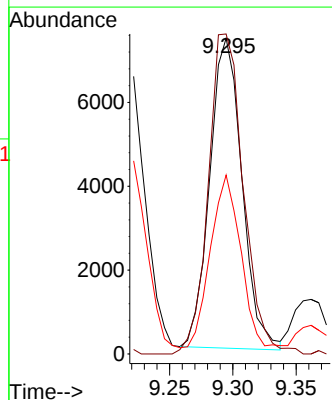
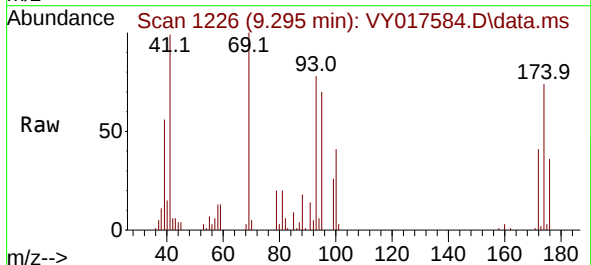
Manual Integrations
APPROVED

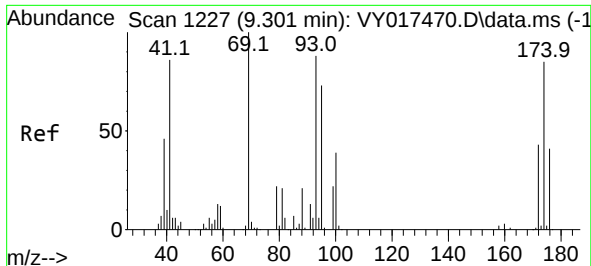
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#48
Methyl methacrylate
Concen: 20.067 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion: 41 Resp: 13100
Ion Ratio Lower Upper
41 100
69 112.1 84.1 126.1
39 53.1 43.6 65.4





#49

1,4-Dioxane

Concen: 423.063 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

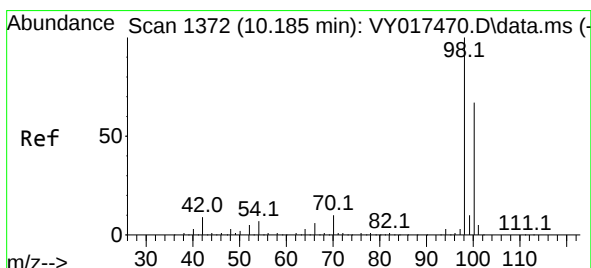
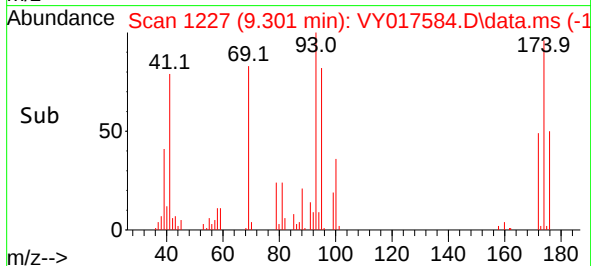
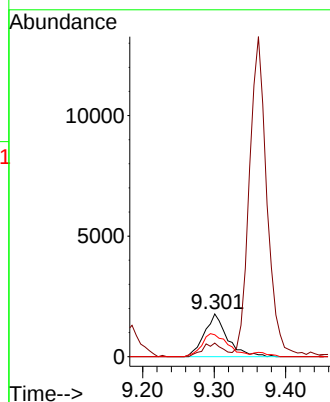
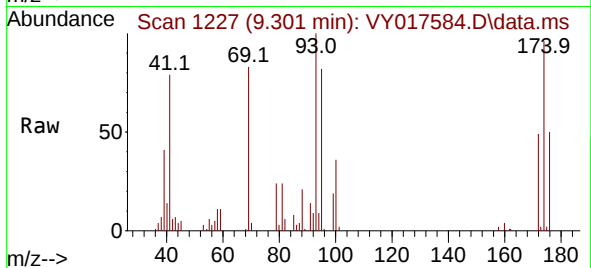
Tgt Ion: 88 Resp: 3934
 Ion Ratio Lower Upper
 88 100
 43 28.9 0.0 0.0
 58 61.5 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#50

Toluene-d8

Concen: 54.671 ug/l

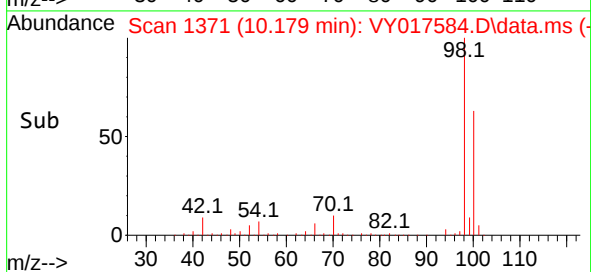
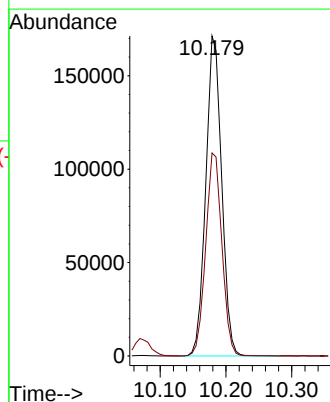
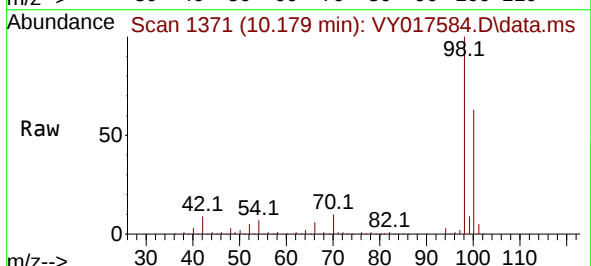
RT: 10.179 min Scan# 1371

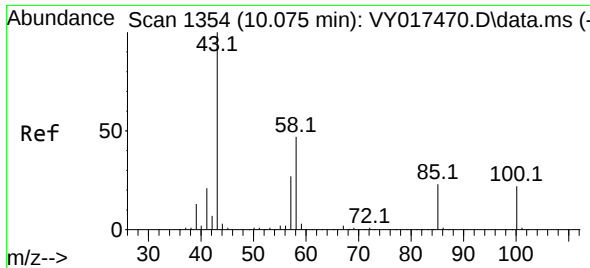
Delta R.T. -0.006 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Tgt Ion: 98 Resp: 287883
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.0 78.0





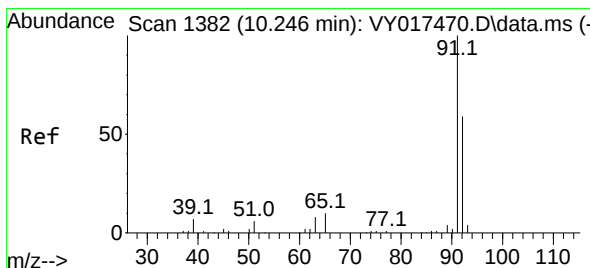
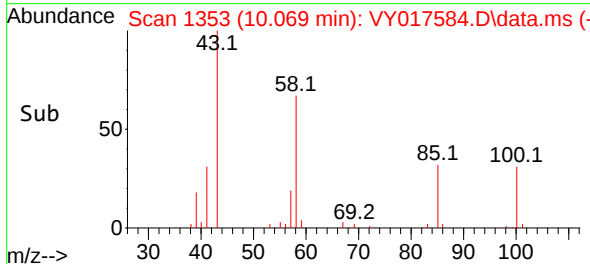
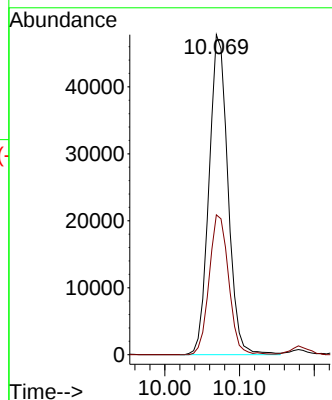
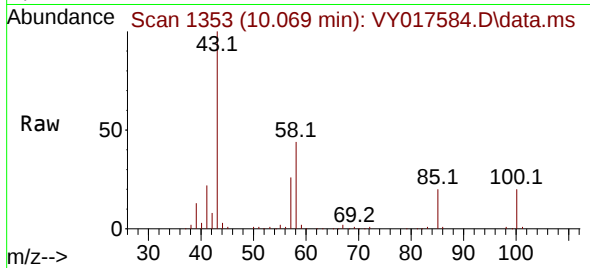
#51
4-Methyl-2-Pentanone
Concen: 106.846 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 43 Resp: 8398
Ion Ratio Lower Upper
43 100
58 44.9 35.7 53.5

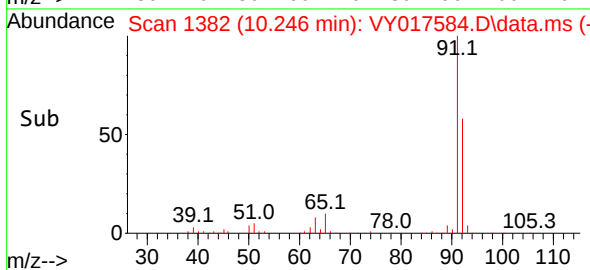
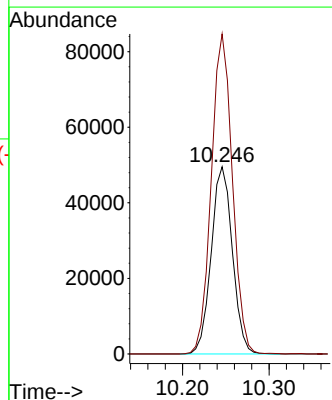
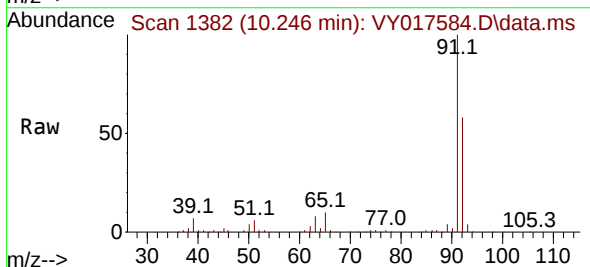
Manual Integrations
APPROVED

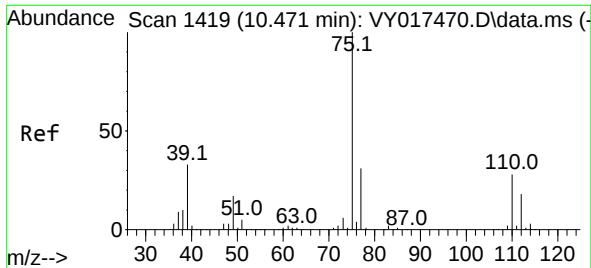
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#52
Toluene
Concen: 22.095 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion: 92 Resp: 84056
Ion Ratio Lower Upper
92 100
91 170.3 139.0 208.6





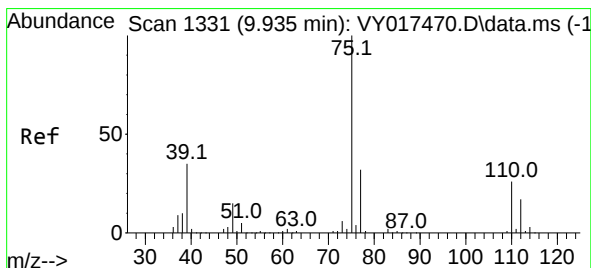
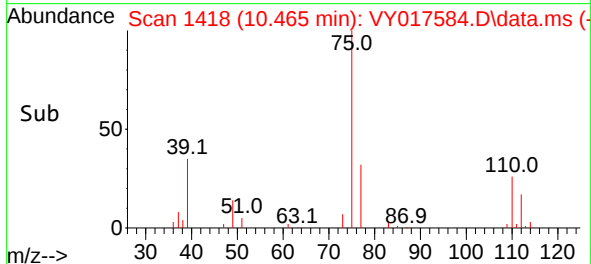
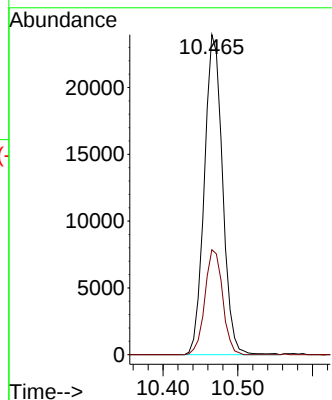
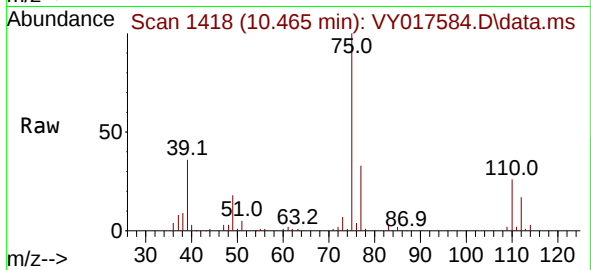
#53
t-1,3-Dichloropropene
Concen: 21.859 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 75 Resp: 40478
Ion Ratio Lower Upper
75 100
77 32.8 24.1 36.1

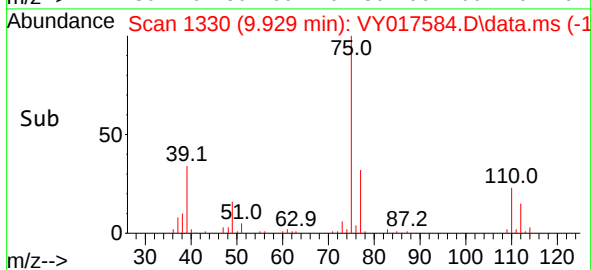
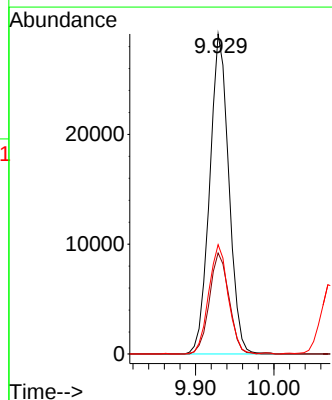
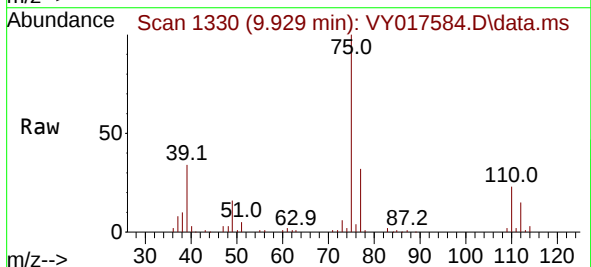
Manual Integrations
APPROVED

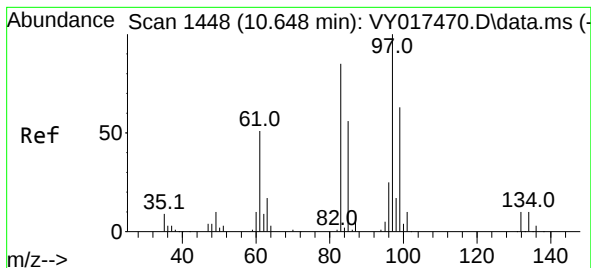
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#54
cis-1,3-Dichloropropene
Concen: 21.996 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

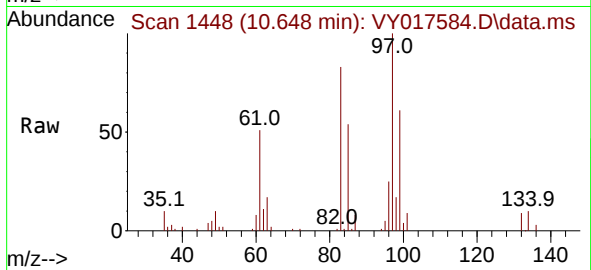
Tgt Ion: 75 Resp: 49493
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 34.1 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 22.213 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

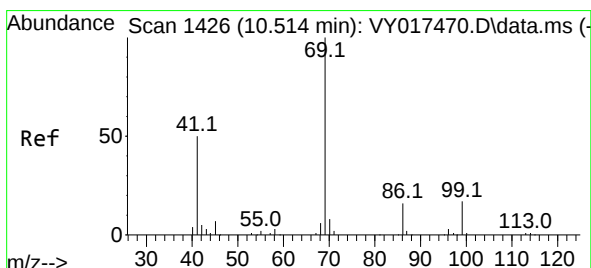
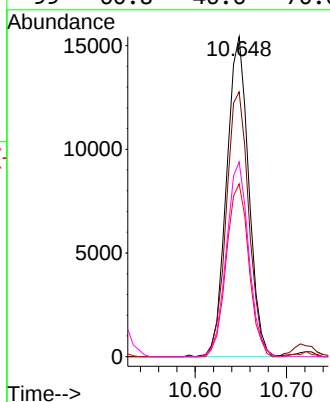
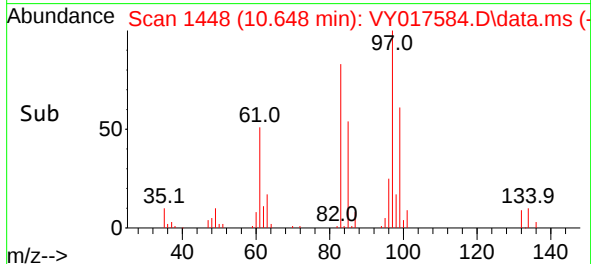


Tgt Ion: 97 Resp: 25914

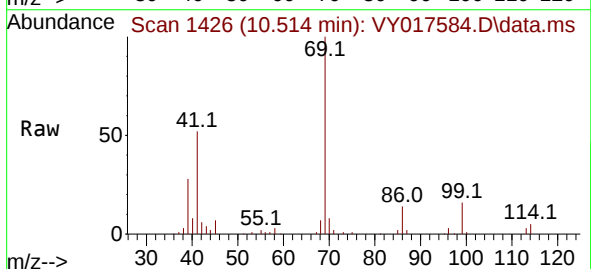
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.5	101.3
85	54.0	42.9	64.3
99	60.8	46.6	70.0

Manual Integrations
APPROVED

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

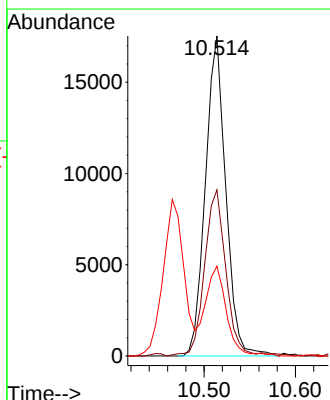
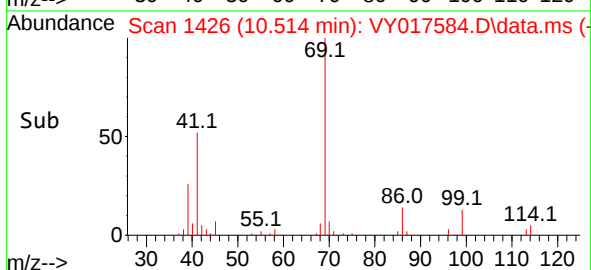


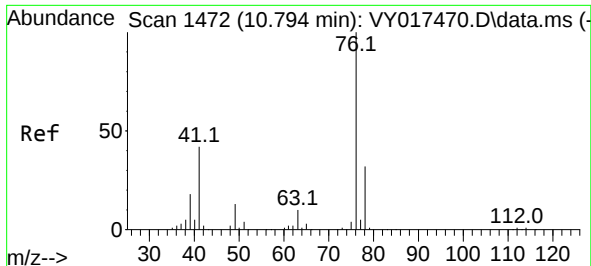
#56
Ethyl methacrylate
Concen: 20.454 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



Tgt Ion: 69 Resp: 27089

Ion	Ratio	Lower	Upper
69	100		
41	54.7	42.3	63.5
39	29.3	22.9	34.3





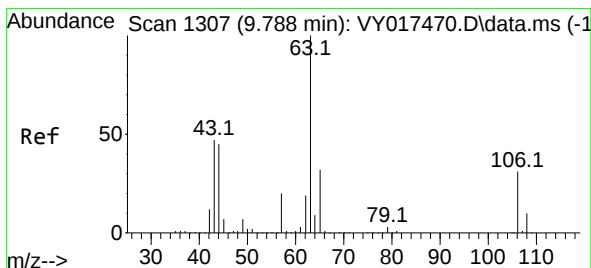
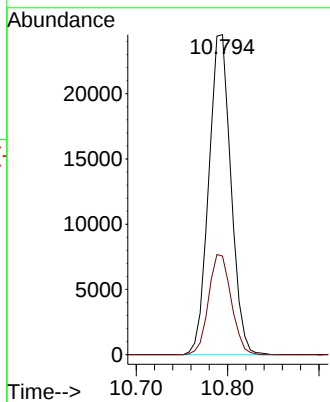
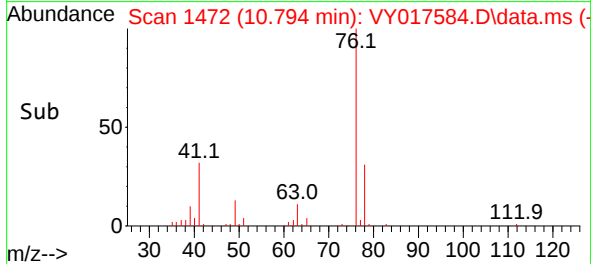
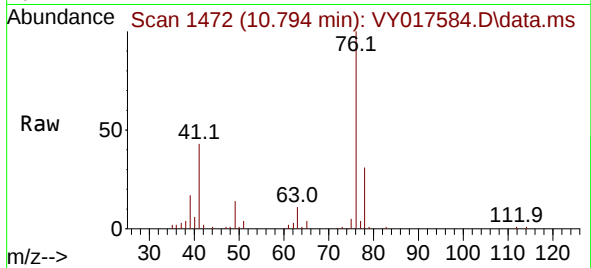
#57
1,3-Dichloropropane
Concen: 21.788 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 76 Resp: 4132
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4

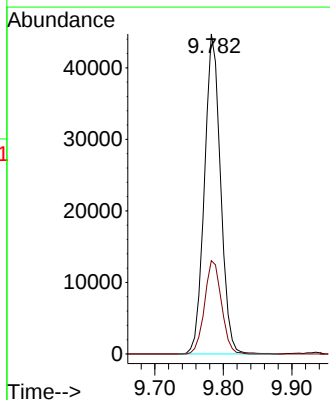
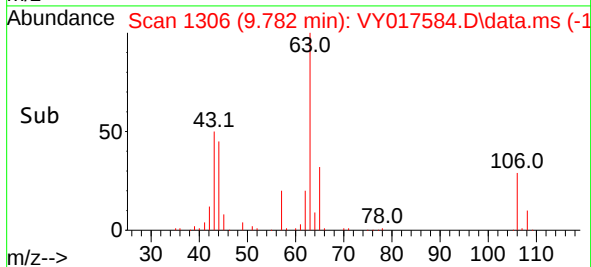
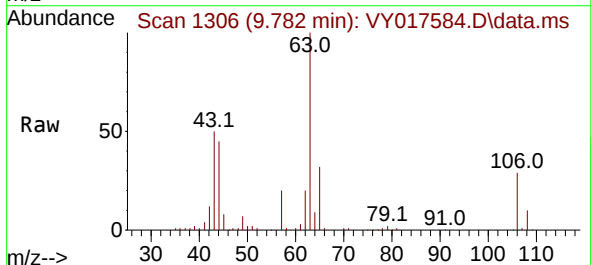
Manual Integrations
APPROVED

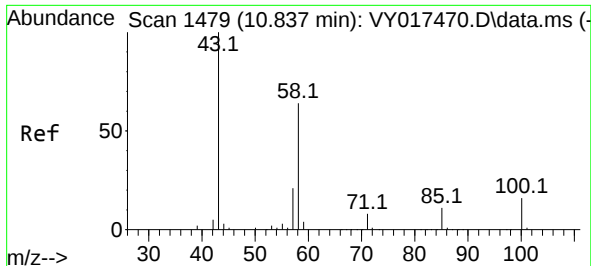
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 108.698 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion: 63 Resp: 73174
Ion Ratio Lower Upper
63 100
106 30.6 23.7 35.5





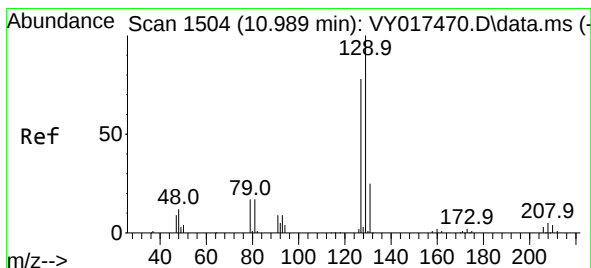
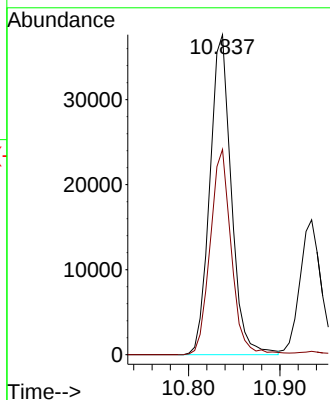
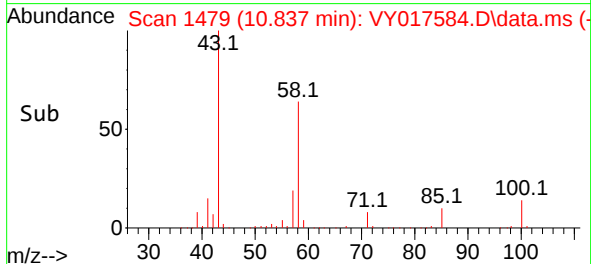
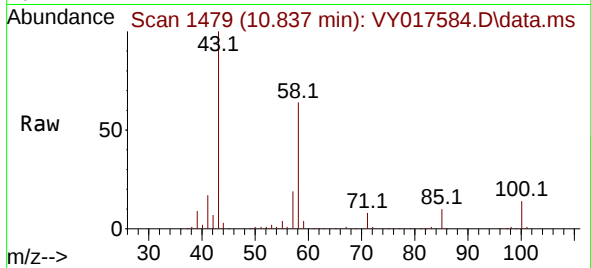
#59
2-Hexanone
Concen: 113.507 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 43 Resp: 6128
Ion Ratio Lower Upper
43 100
58 63.1 31.4 94.0

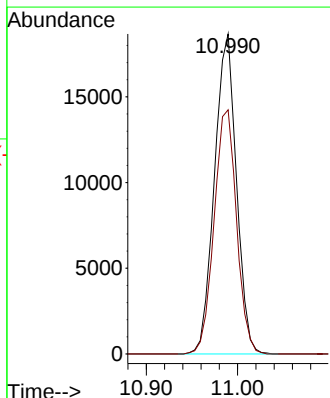
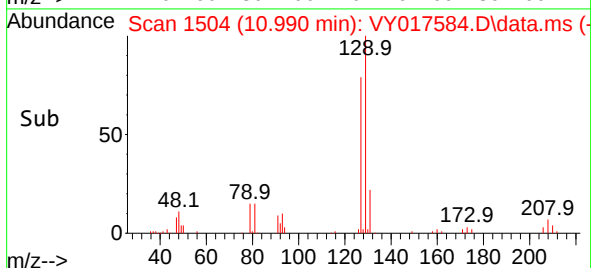
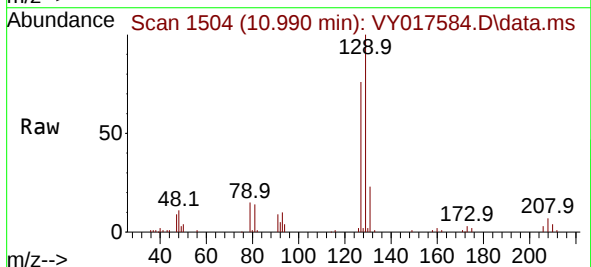
Manual Integrations
APPROVED

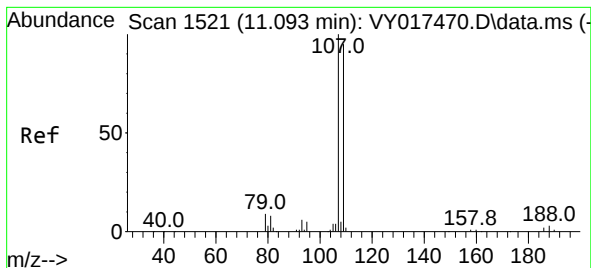
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#60
Dibromochloromethane
Concen: 22.590 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion:129 Resp: 31176
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0





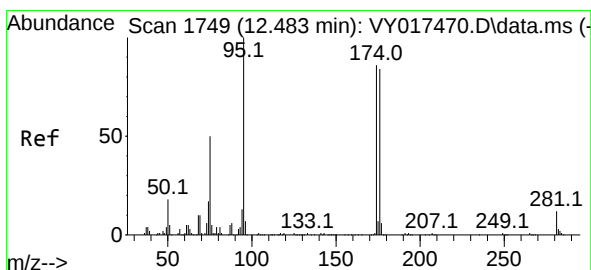
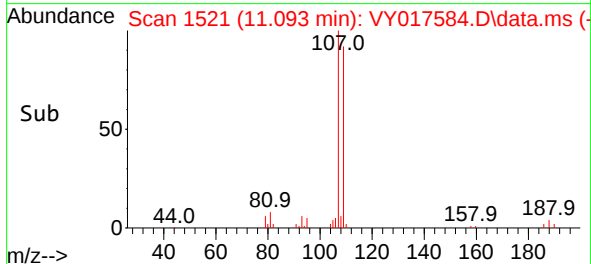
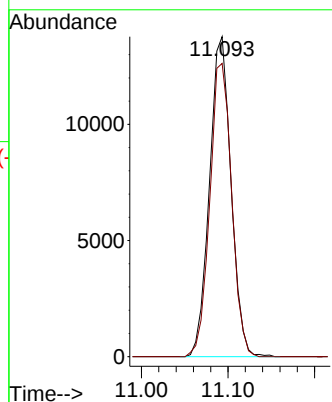
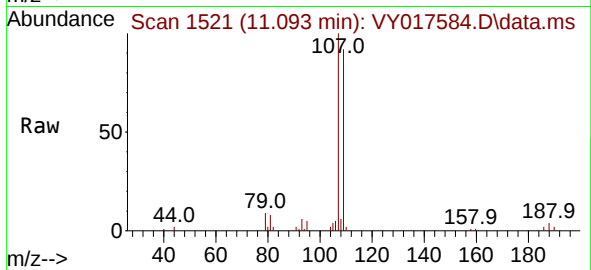
#61
1,2-Dibromoethane
Concen: 22.131 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion:107 Resp: 23792
Ion Ratio Lower Upper
107 100
109 92.9 75.9 113.9

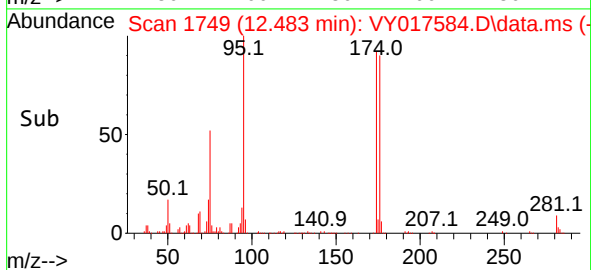
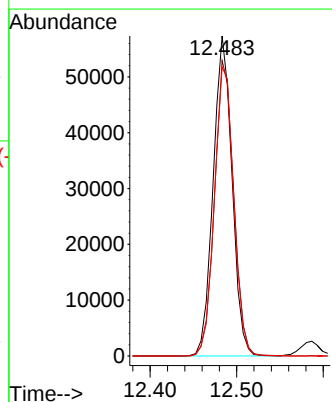
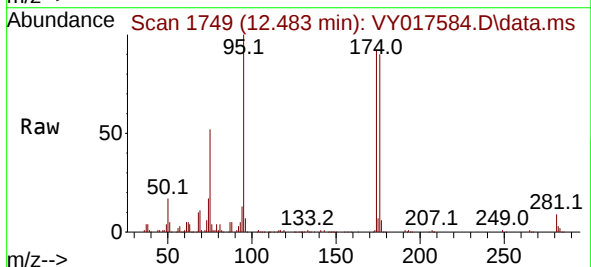
Manual Integrations
APPROVED

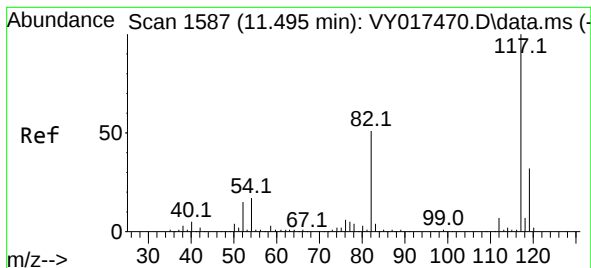
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#62
4-Bromofluorobenzene
Concen: 52.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

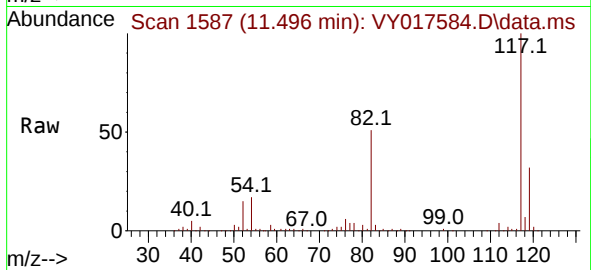
Tgt Ion: 95 Resp: 86733
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 92.4 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

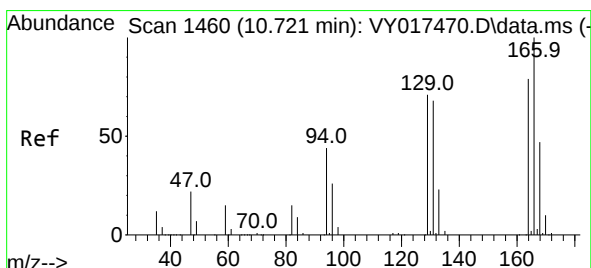
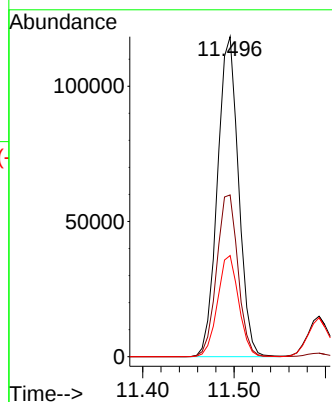
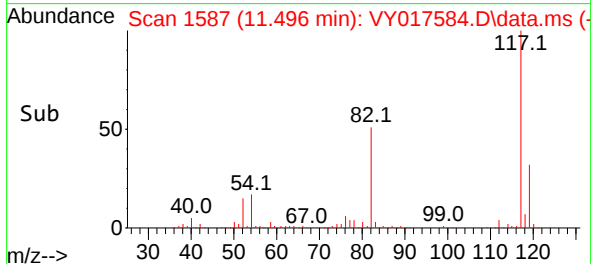
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



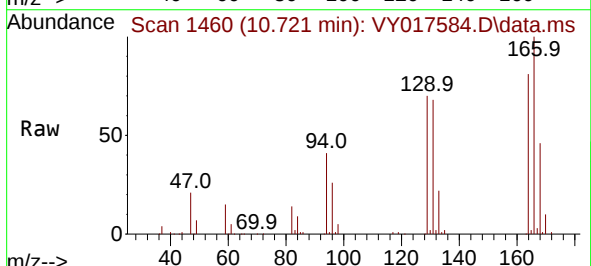
Tgt Ion:117 Resp: 18998
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 31.6 25.9 38.9

Manual Integrations
APPROVED

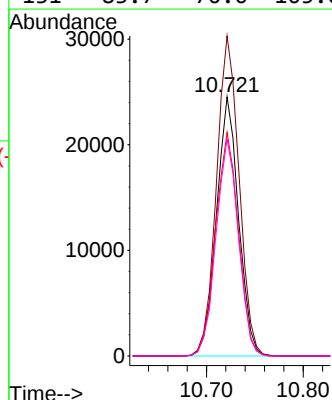
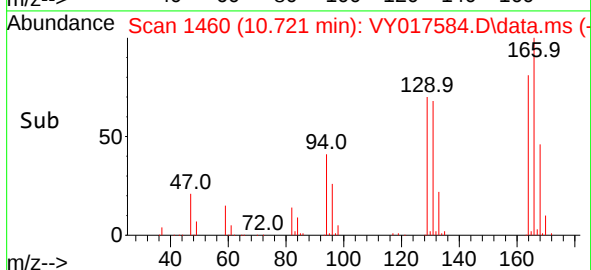
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

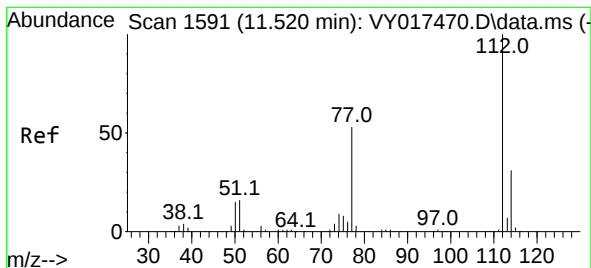


#64
Tetrachloroethene
Concen: 21.355 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00



Tgt Ion:164 Resp: 38942
Ion Ratio Lower Upper
164 100
166 123.5 102.6 154.0
129 86.3 72.0 108.0
131 83.7 70.0 105.0





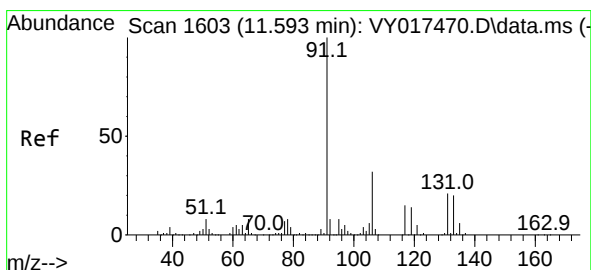
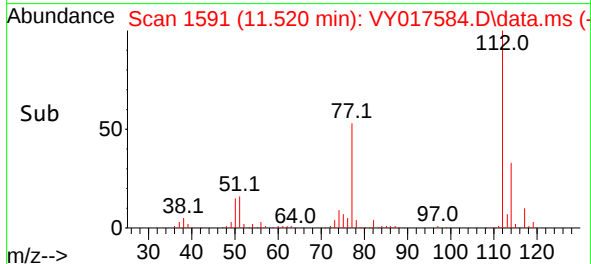
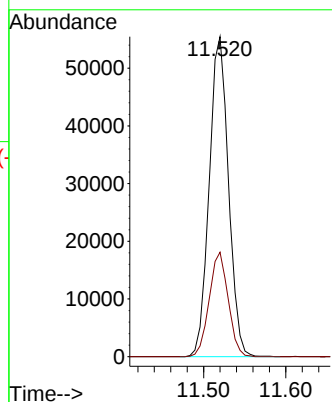
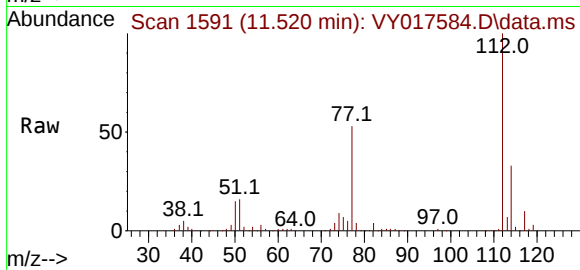
#65
Chlorobenzene
Concen: 22.353 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion:112 Resp: 90140
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6

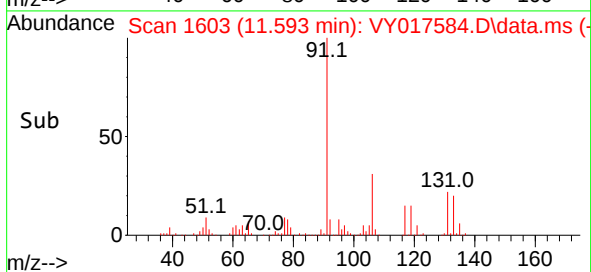
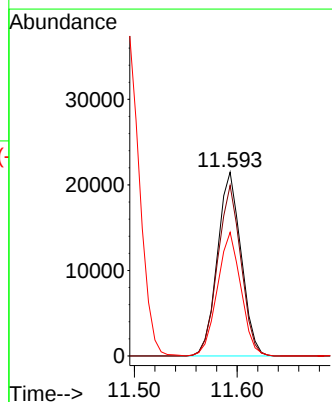
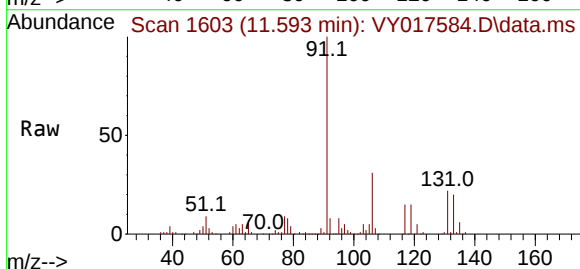
Manual Integrations
APPROVED

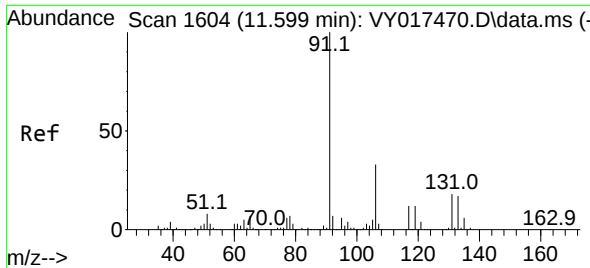
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 22.802 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion:131 Resp: 34448
Ion Ratio Lower Upper
131 100
133 91.4 47.8 143.3
119 66.9 34.1 102.2





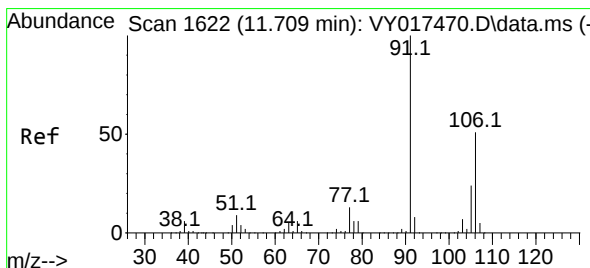
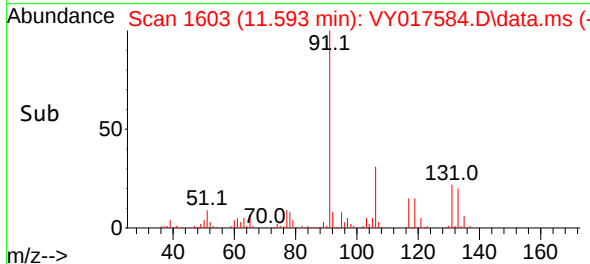
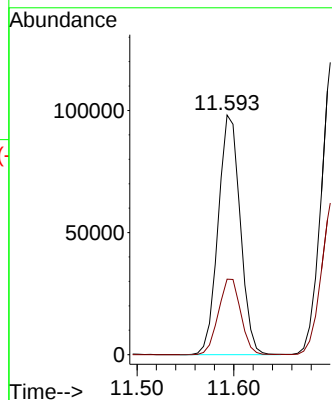
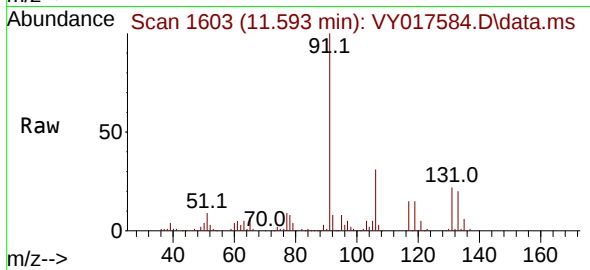
#67
Ethyl Benzene
Concen: 21.971 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 91 Resp: 15538
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

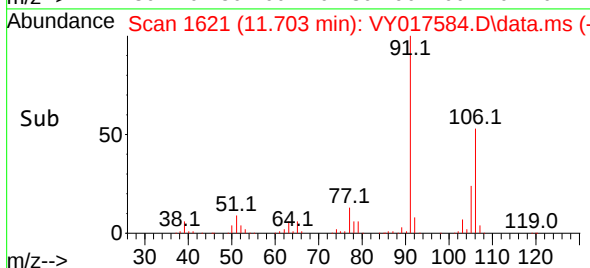
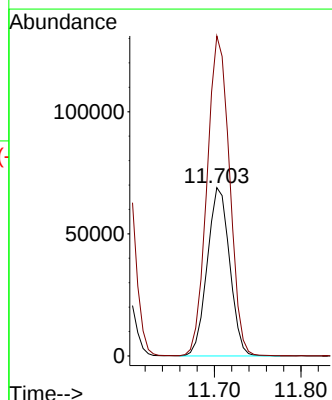
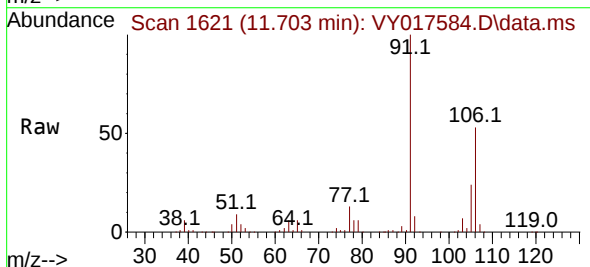
Manual Integrations
APPROVED

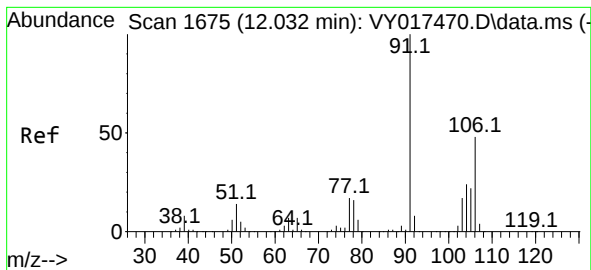
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#68
m/p-Xylenes
Concen: 44.560 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion:106 Resp: 123831
Ion Ratio Lower Upper
106 100
91 191.8 156.0 234.0





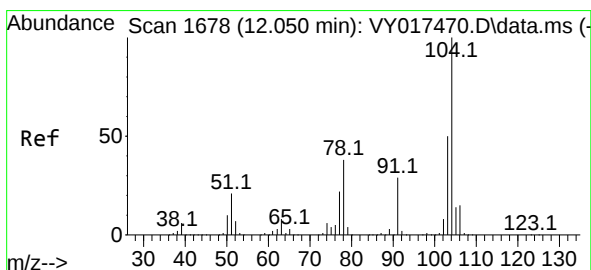
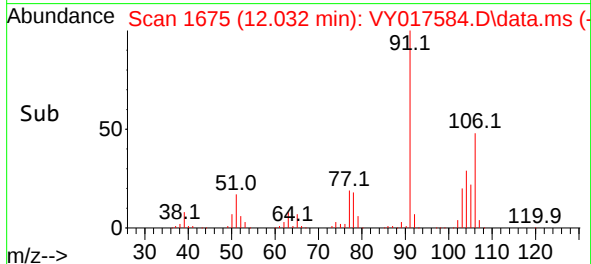
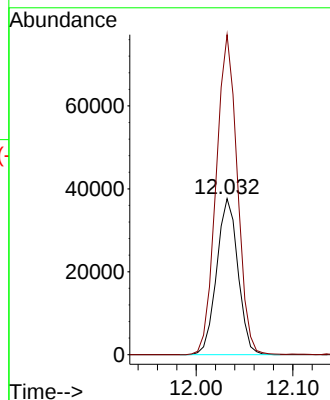
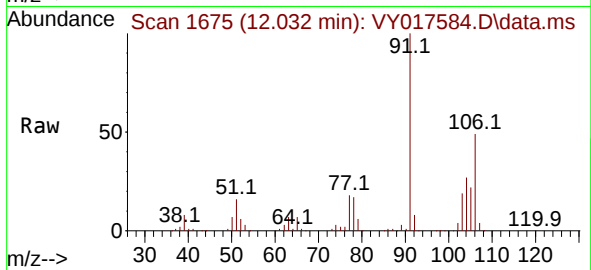
#69
o-Xylene
Concen: 22.292 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion:106 Resp: 57472
Ion Ratio Lower Upper
106 100
91 204.3 103.6 310.8

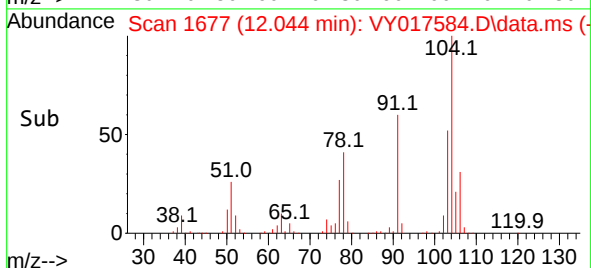
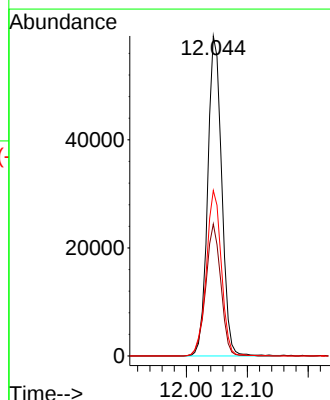
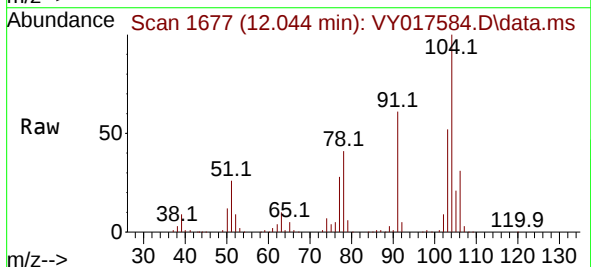
Manual Integrations
APPROVED

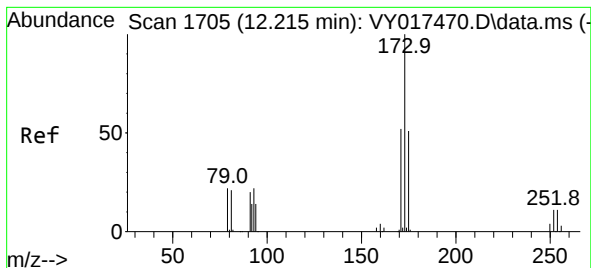
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#70
Styrene
Concen: 22.208 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion:104 Resp: 95039
Ion Ratio Lower Upper
104 100
78 44.0 37.0 55.4
103 55.4 44.2 66.2





#71

Bromoform

Concen: 22.645 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

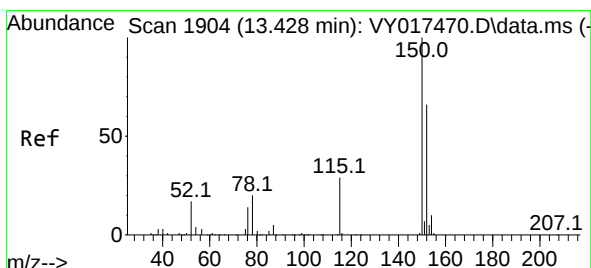
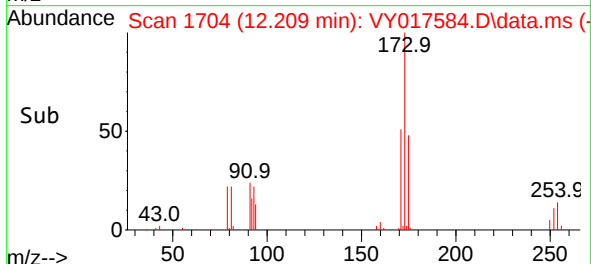
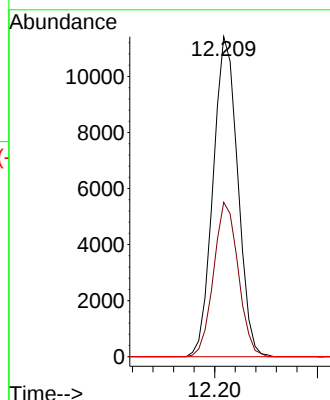
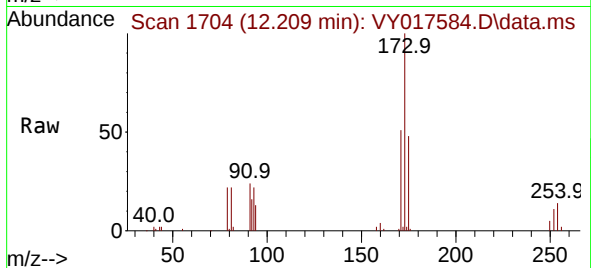
Tgt Ion:173	Resp:	1895
Ion Ratio	Lower	Upper
173	100	
175	48.2	25.1 75.3
254	0.0	0.0 0.0

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

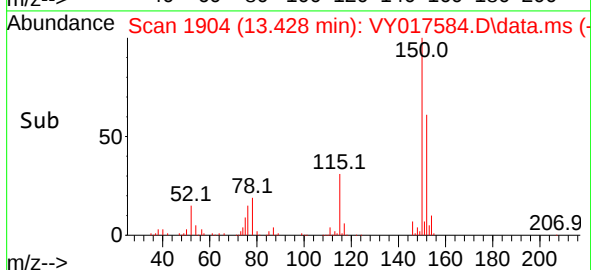
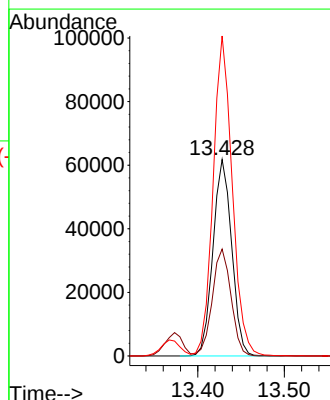
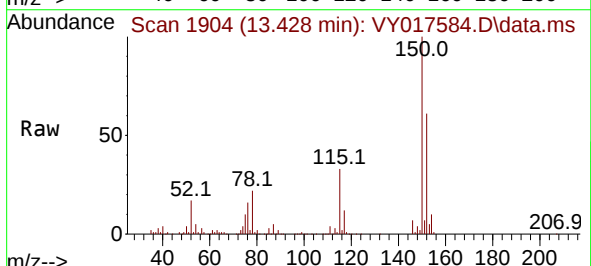
RT: 13.428 min Scan# 1904

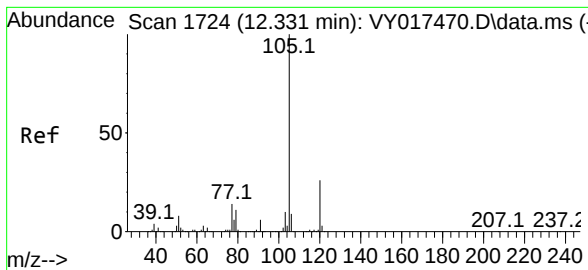
Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

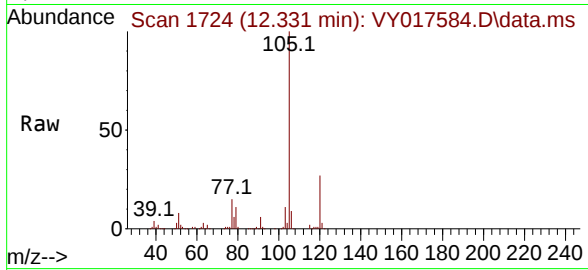
Tgt Ion:152	Resp:	92735
Ion Ratio	Lower	Upper
152	100	
115	54.4	28.2 84.7
150	166.4	0.0 345.6





#73
Isopropylbenzene
Concen: 22.068 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

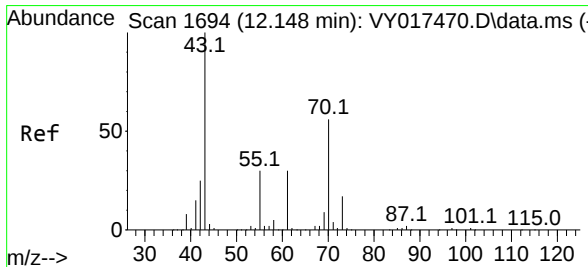
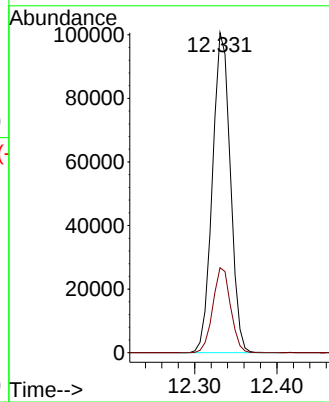
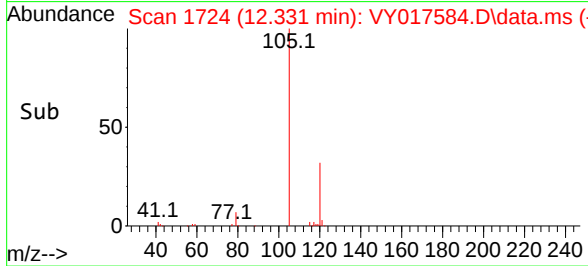
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion:105 Resp: 152038
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

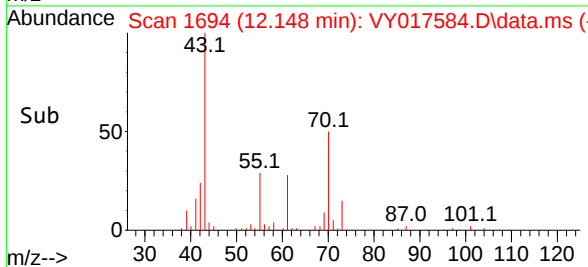
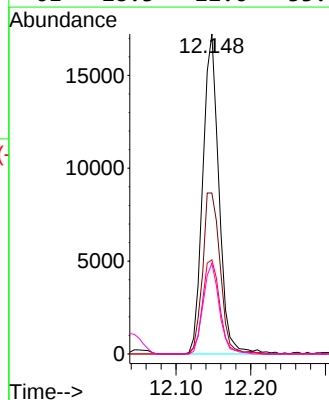
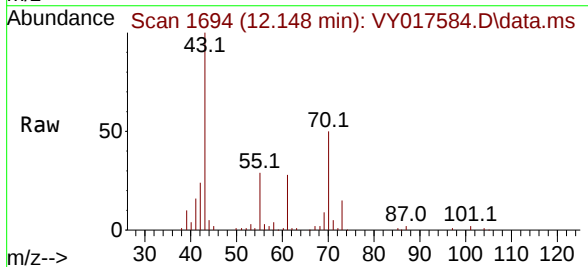
Manual Integrations
APPROVED

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



#74
N-ethyl acetate
Concen: 21.281 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion: 43 Resp: 25859
Ion Ratio Lower Upper
43 100
70 54.6 41.4 62.2
55 31.8 23.3 34.9
61 28.3 22.6 33.8





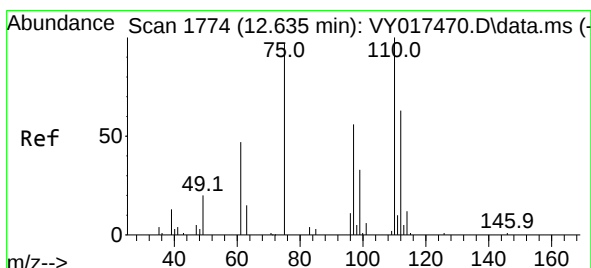
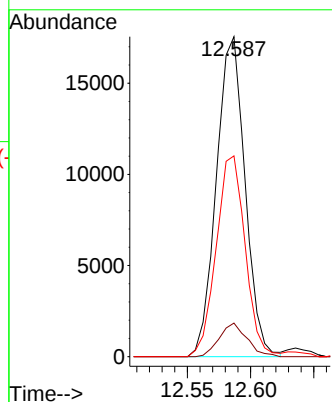
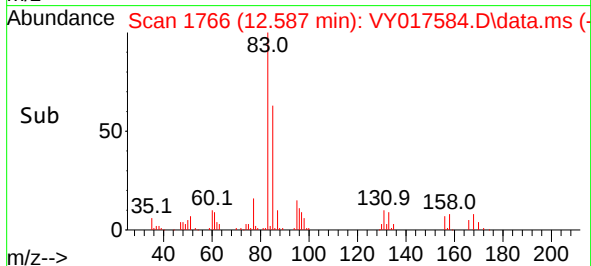
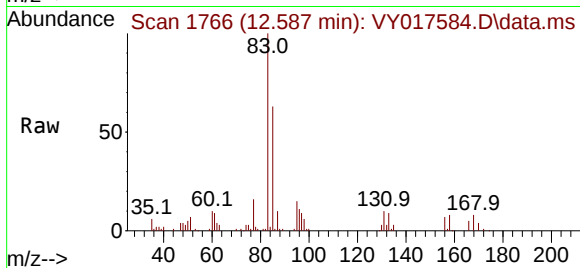
#75
1,1,2,2-Tetrachloroethane
Concen: 23.384 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 83 Resp: 2766
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 63.5 32.0 96.0

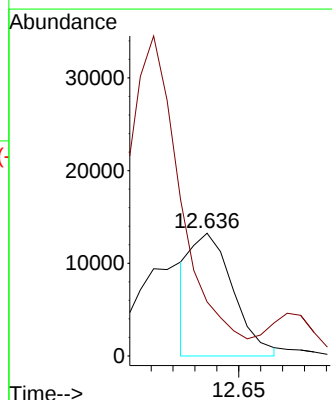
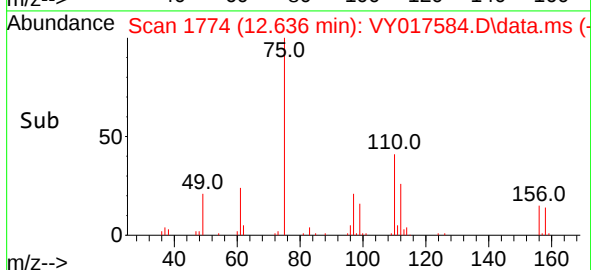
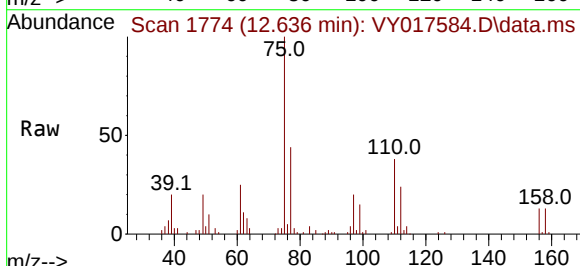
Manual Integrations
APPROVED

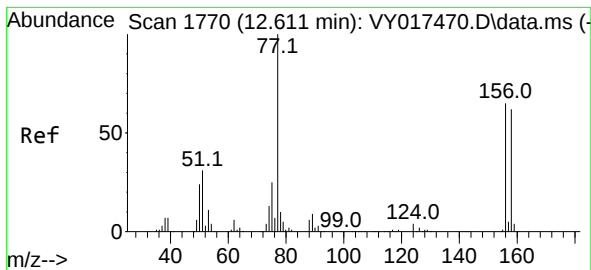
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#76
1,2,3-Trichloropropane
Concen: 20.316 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion: 75 Resp: 17901
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.797 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

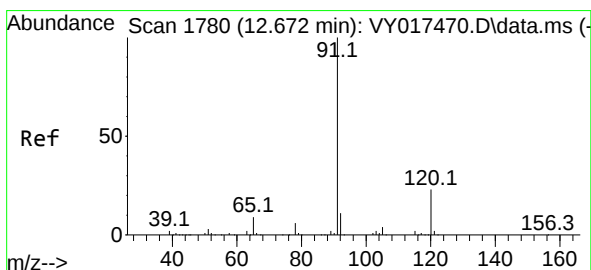
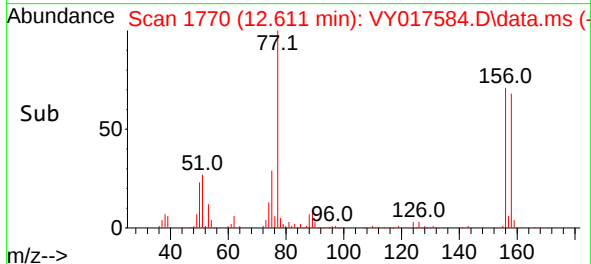
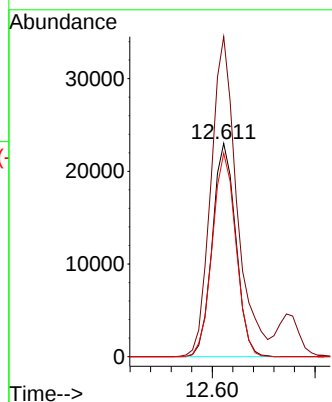
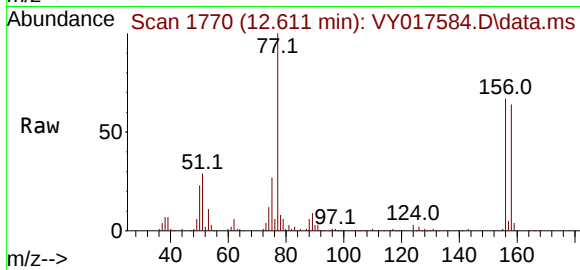
Tgt Ion:	156	Resp:	3636
Ion Ratio	Lower	Upper	
156	100		
77	166.8	87.1	261.3
158	96.2	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#78

n-propylbenzene

Concen: 22.372 ug/l

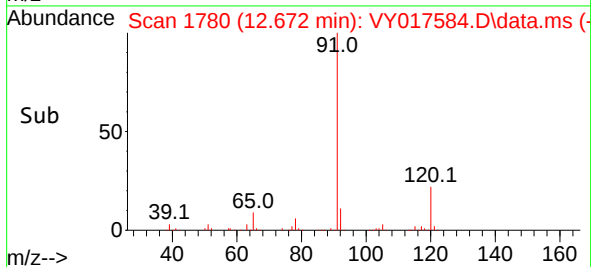
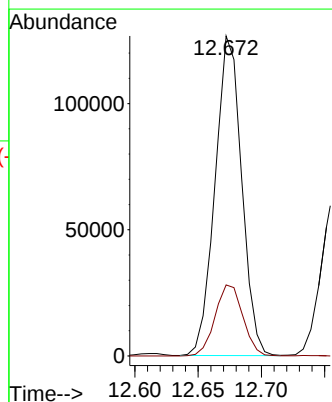
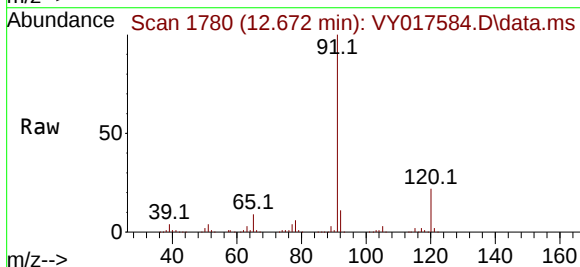
RT: 12.672 min Scan# 1780

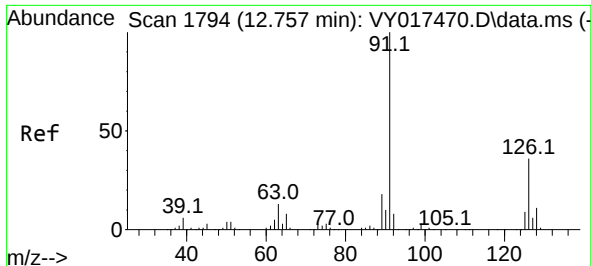
Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Tgt Ion:	91	Resp:	184945
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 21.980 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion: 91 Resp: 10173

Ion Ratio Lower Upper

91 100

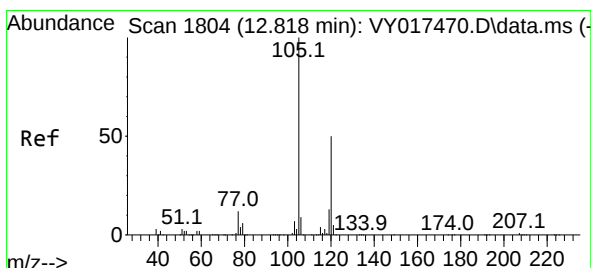
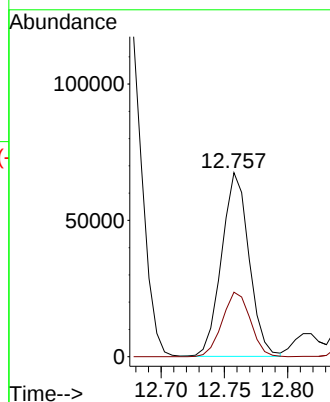
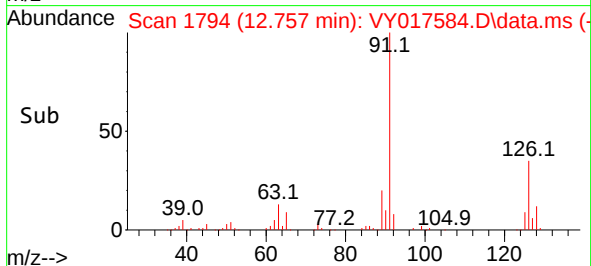
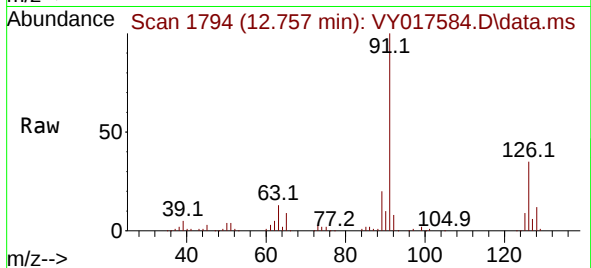
126 35.9 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.166 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY017584.D

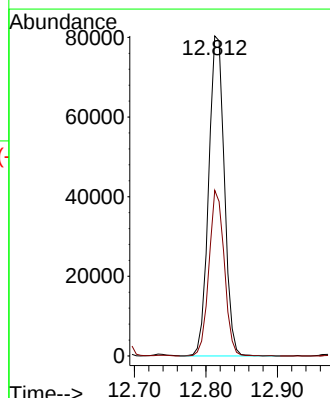
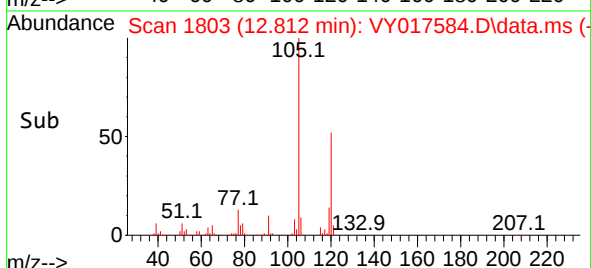
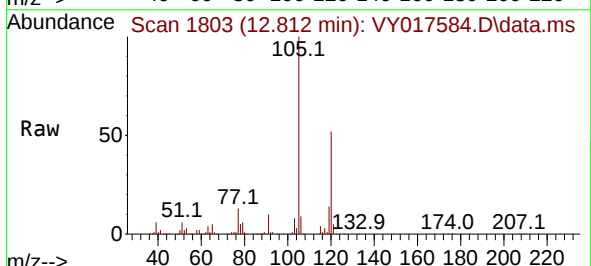
Acq: 06 Mar 2024 11:00

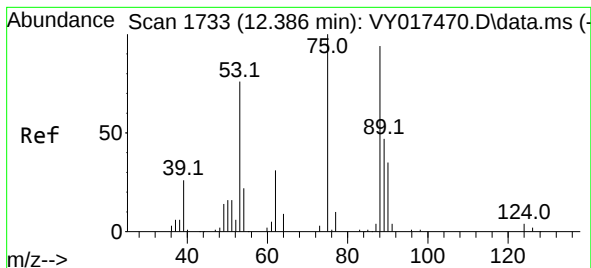
Tgt Ion:105 Resp: 122347

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2





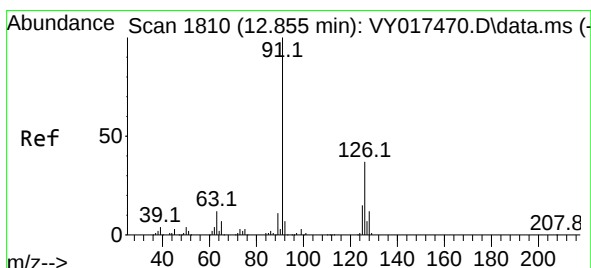
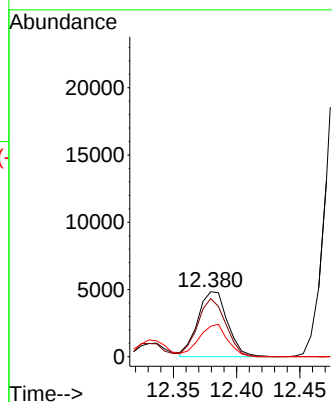
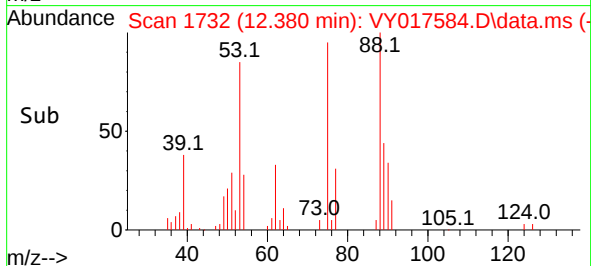
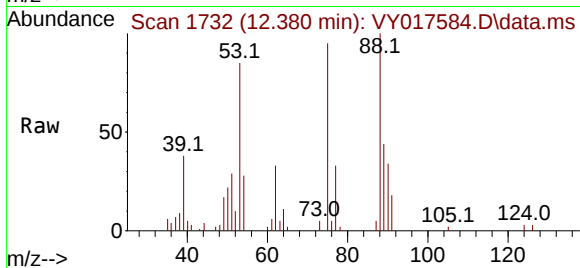
#81
trans-1,4-Dichloro-2-butene
Concen: 20.651 ug/l
RT: 12.380 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 75 Resp: 7919
Ion Ratio Lower Upper
75 100
53 83.8 66.8 100.2
89 47.1 35.8 53.6

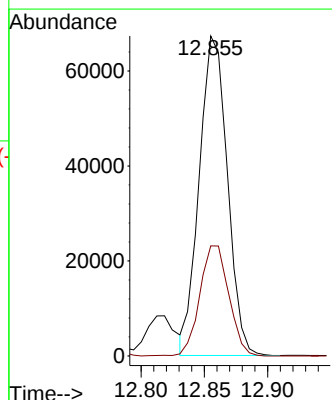
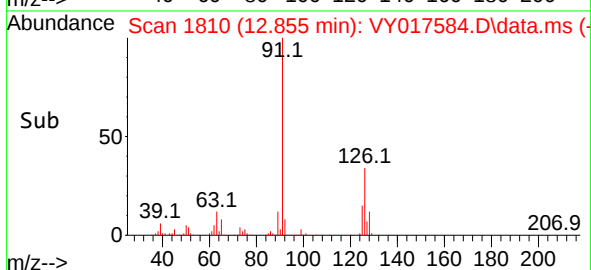
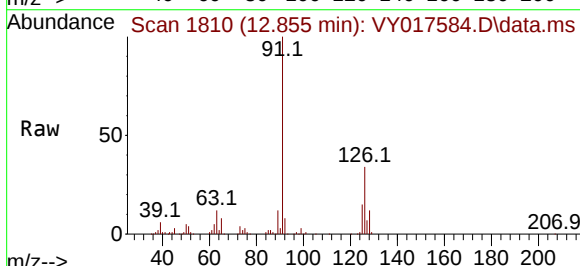
Manual Integrations
APPROVED

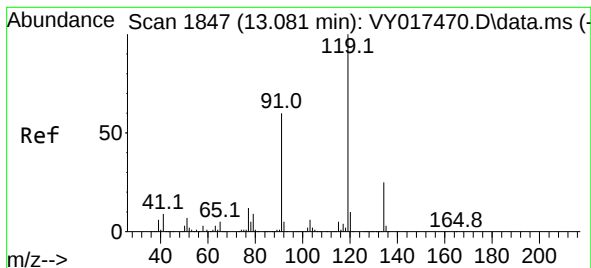
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#82
4-Chlorotoluene
Concen: 22.001 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion: 91 Resp: 104152
Ion Ratio Lower Upper
91 100
126 35.7 17.6 52.9





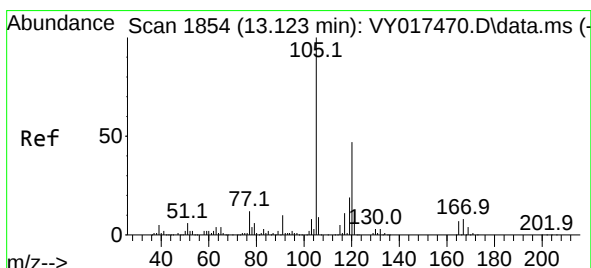
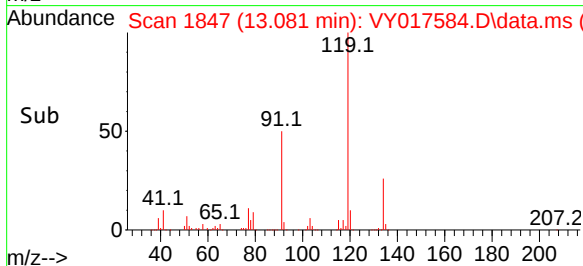
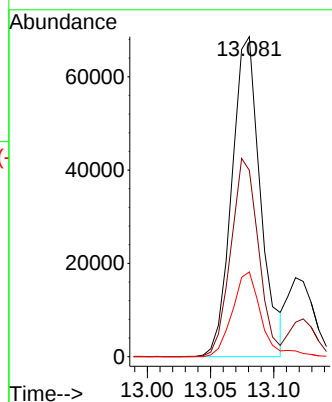
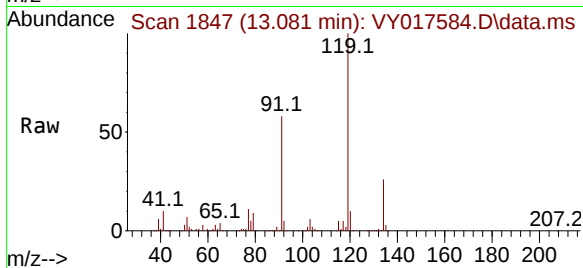
#83
tert-Butylbenzene
Concen: 22.292 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion:119 Resp: 108040
Ion Ratio Lower Upper
119 100
91 60.1 31.3 93.8
134 26.9 13.4 40.1

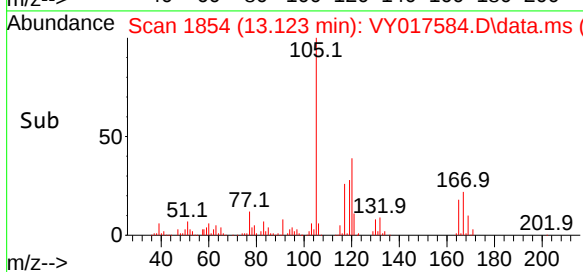
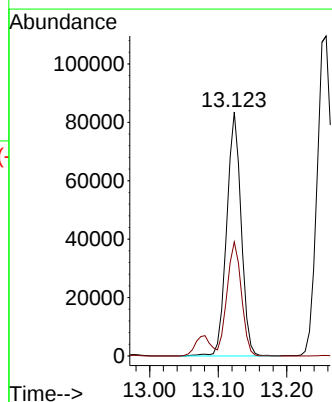
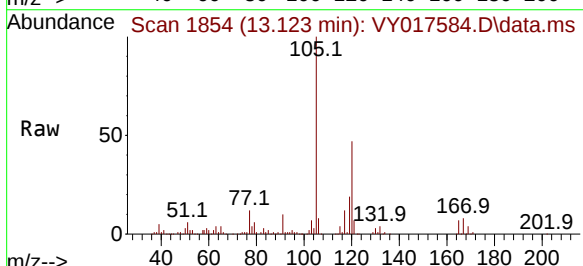
Manual Integrations
APPROVED

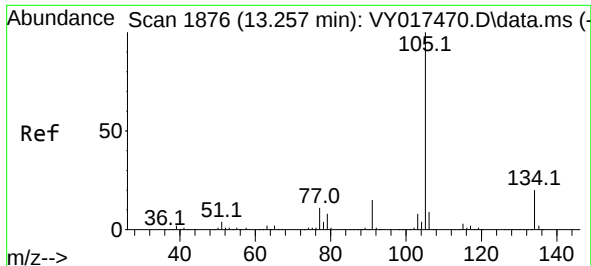
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#84
1,2,4-Trimethylbenzene
Concen: 22.354 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

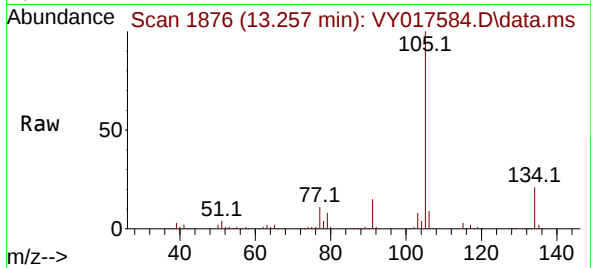
Tgt Ion:105 Resp: 121816
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 22.548 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017584.D
 Acq: 06 Mar 2024 11:00

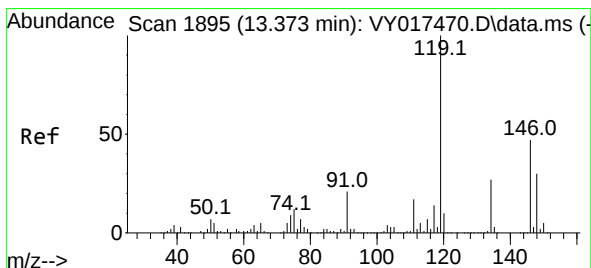
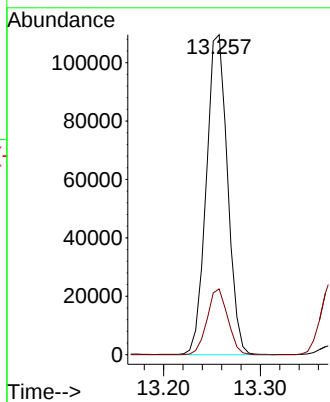
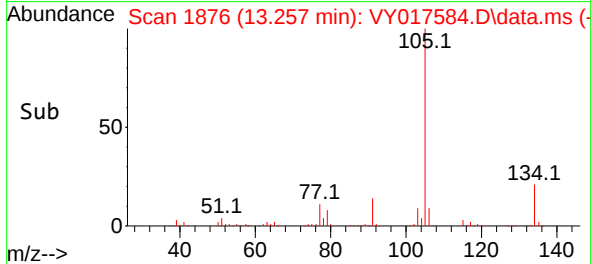
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS02



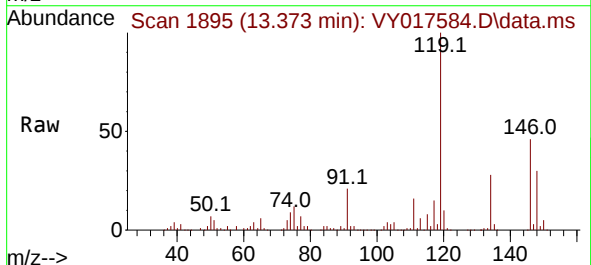
Tgt Ion:105 Resp: 167090
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Manual Integrations
 APPROVED

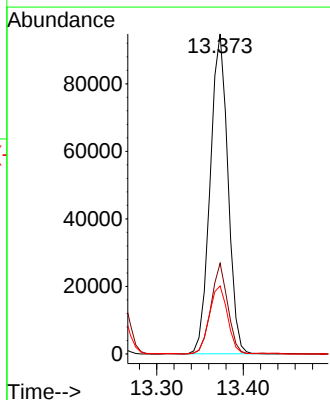
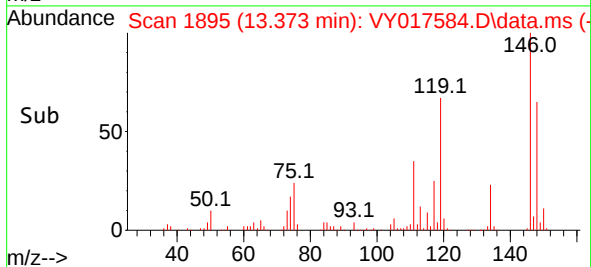
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#86
 p-Isopropyltoluene
 Concen: 22.186 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017584.D
 Acq: 06 Mar 2024 11:00



Tgt Ion:119 Resp: 134583
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.726 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

Tgt Ion:146 Resp: 72759

Ion Ratio Lower Upper

146 100

111 37.2 19.0 57.0

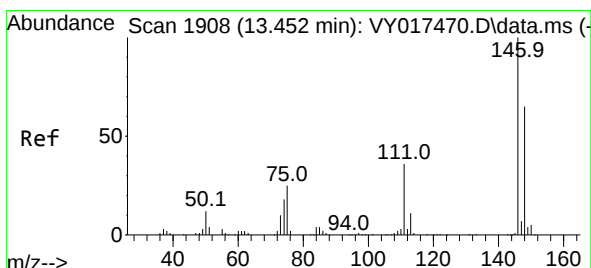
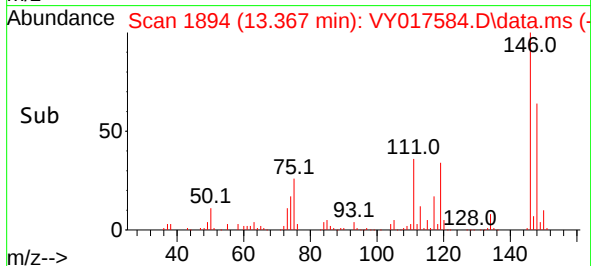
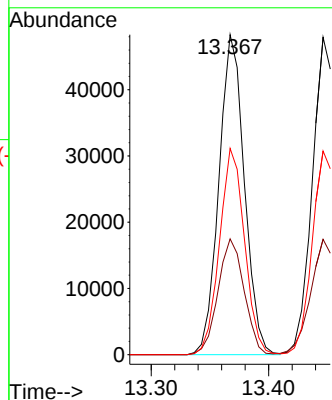
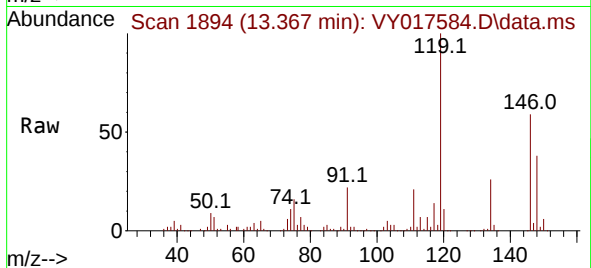
148 63.6 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#88

1,4-Dichlorobenzene

Concen: 22.342 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

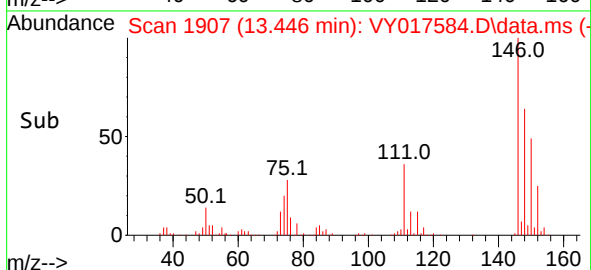
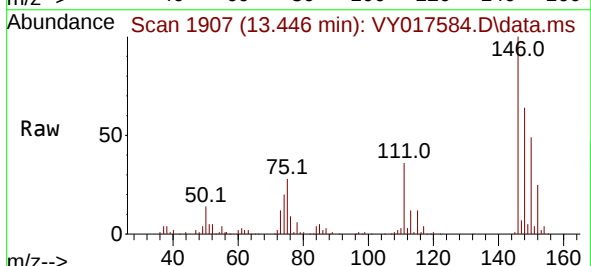
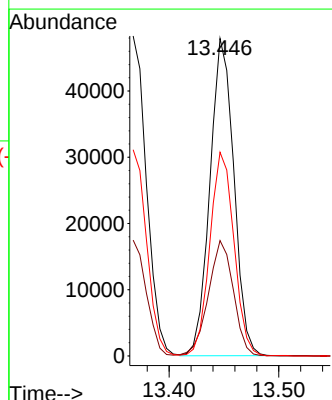
Tgt Ion:146 Resp: 72743

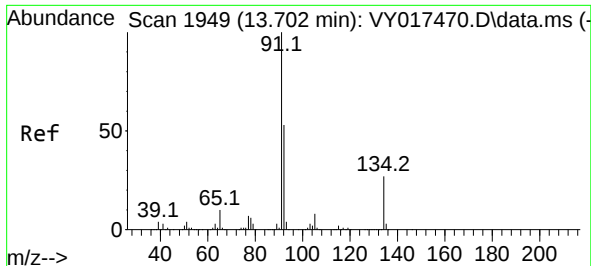
Ion Ratio Lower Upper

146 100

111 38.1 18.4 55.4

148 64.6 32.4 97.2





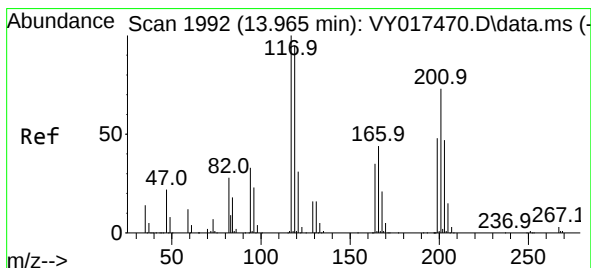
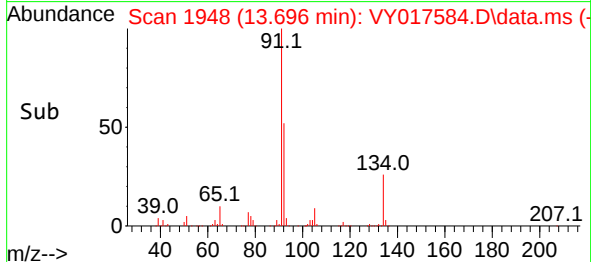
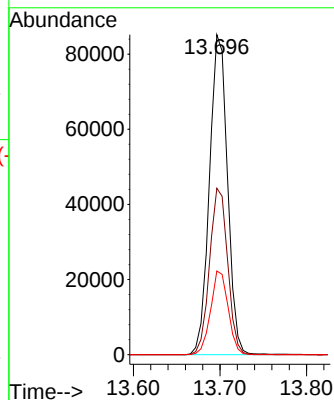
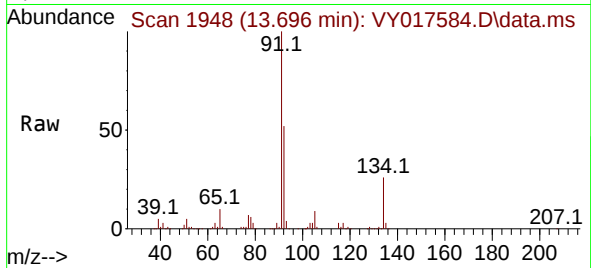
#89
n-Butylbenzene
Concen: 22.244 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02

Tgt Ion: 91 Resp: 12311
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.7
134 25.5 12.9 38.7

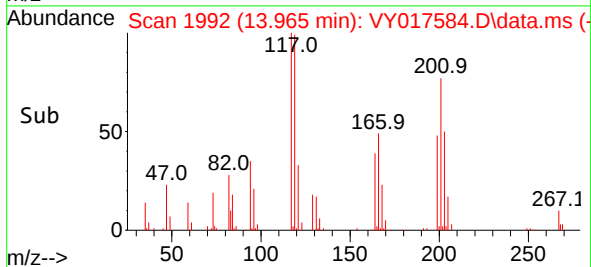
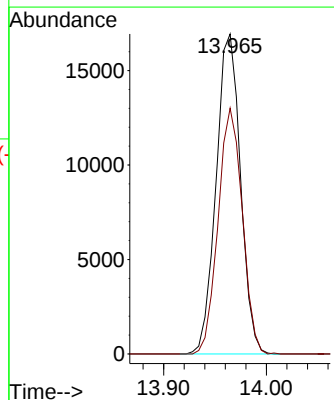
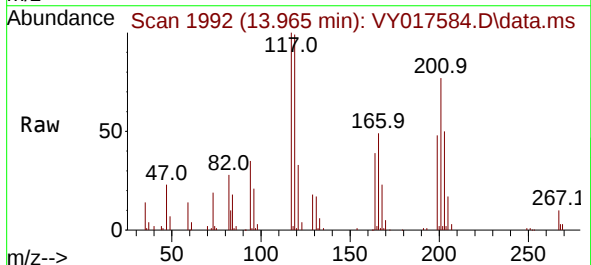
Manual Integrations
APPROVED

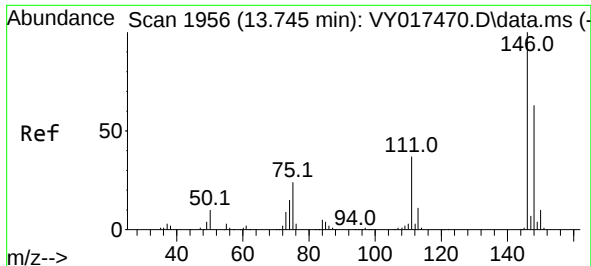
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#90
Hexachloroethane
Concen: 22.882 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

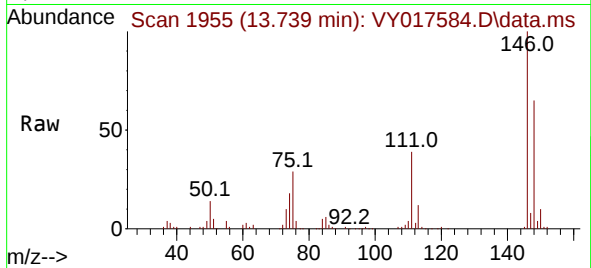
Tgt Ion:117 Resp: 27829
Ion Ratio Lower Upper
117 100
201 76.3 37.4 112.2





#91
1,2-Dichlorobenzene
Concen: 22.641 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

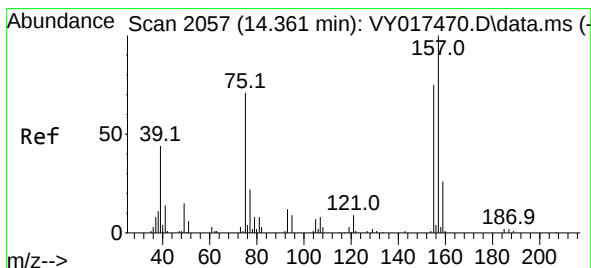
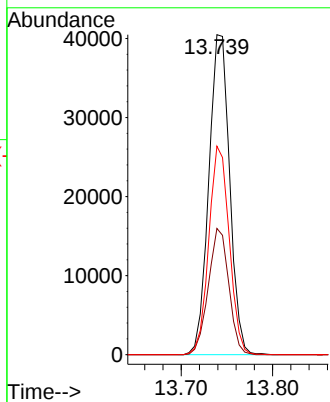
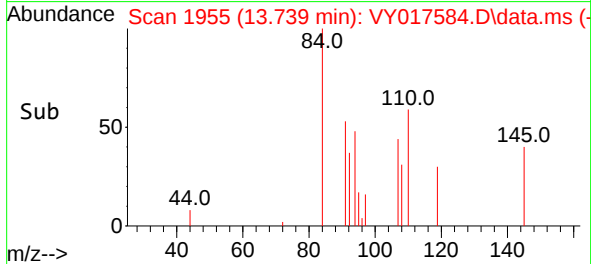
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS02



Tgt Ion:146 Resp: 6413
Ion Ratio Lower Upper
146 100
111 38.7 19.9 59.7
148 63.9 31.8 95.4

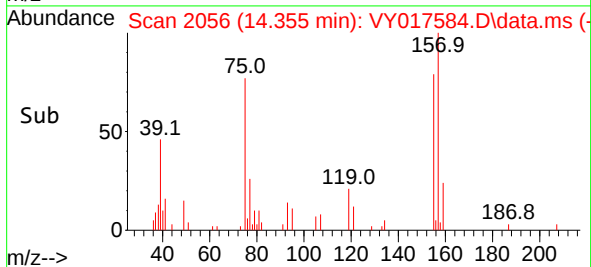
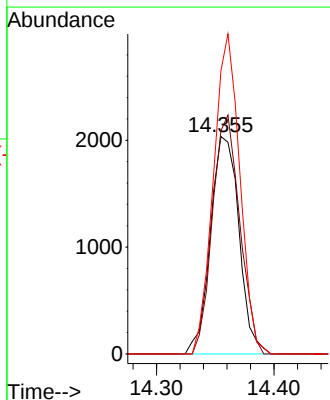
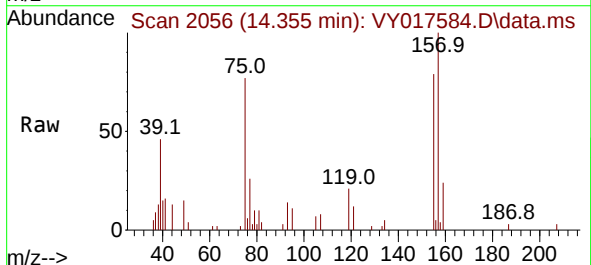
Manual Integrations
APPROVED

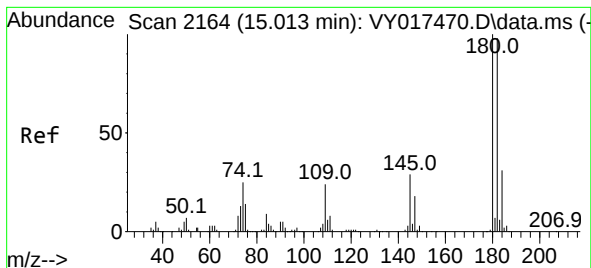
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.707 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY017584.D
Acq: 06 Mar 2024 11:00

Tgt Ion: 75 Resp: 3444
Ion Ratio Lower Upper
75 100
155 104.8 48.6 145.8
157 135.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 23.056 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

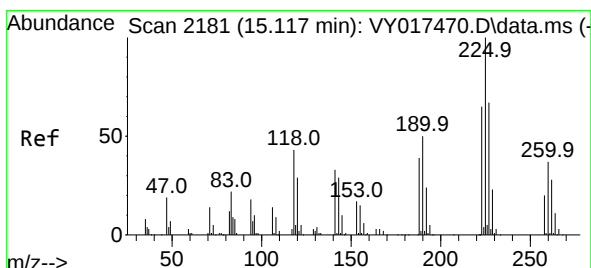
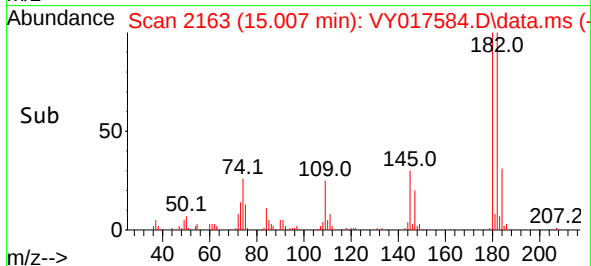
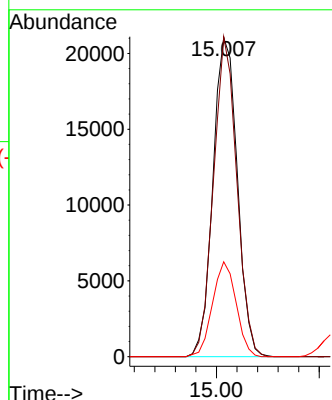
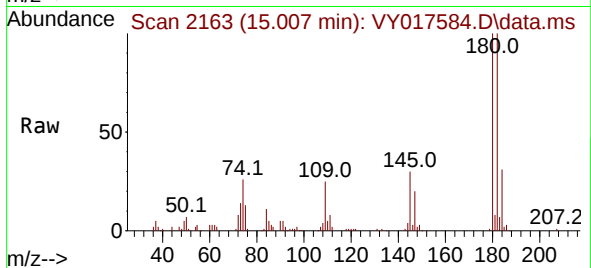
Tgt Ion:180	Resp:	34498
Ion Ratio	Lower	Upper
180	100	
182	96.0	47.9 143.8
145	28.8	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#94

Hexachlorobutadiene

Concen: 23.873 ug/l

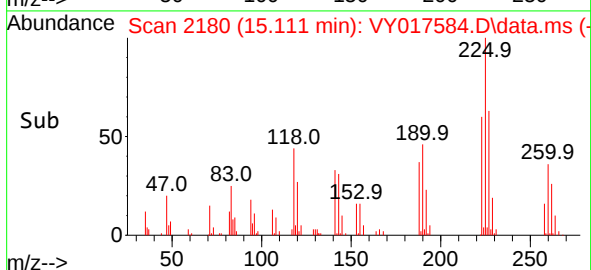
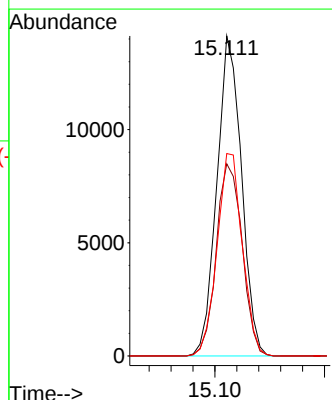
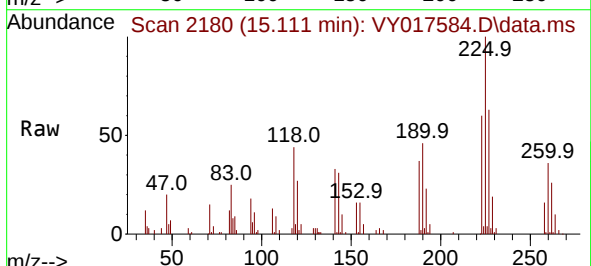
RT: 15.111 min Scan# 2180

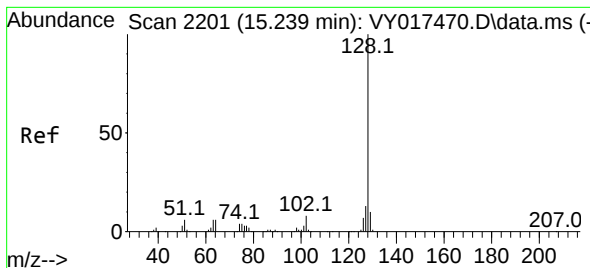
Delta R.T. -0.006 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Tgt Ion:225	Resp:	22054
Ion Ratio	Lower	Upper
225	100	
223	63.1	30.4 91.2
227	65.0	31.9 95.9





#95

Naphthalene

Concen: 21.250 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBS02

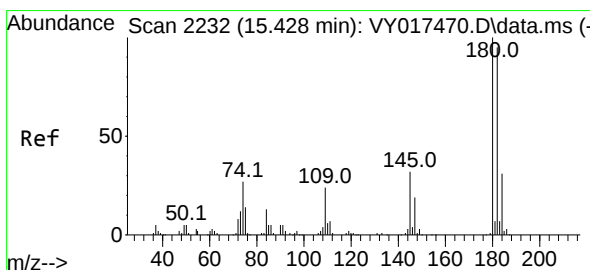
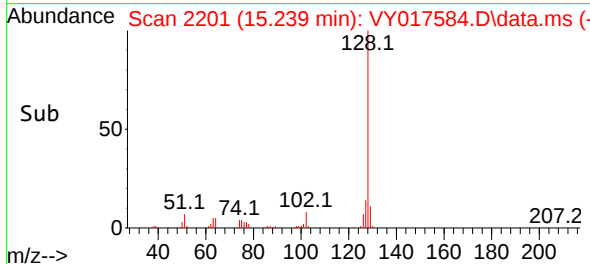
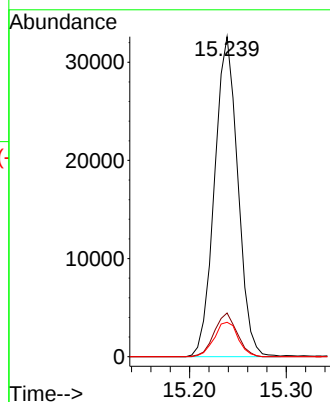
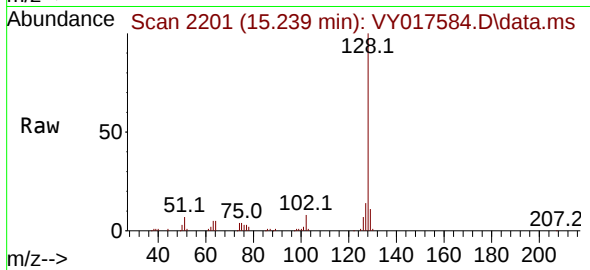
Tgt Ion:	128	Resp:	54529
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#96

1,2,3-Trichlorobenzene

Concen: 23.420 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017584.D

Acq: 06 Mar 2024 11:00

Tgt Ion:	180	Resp:	30062
Ion Ratio	Lower	Upper	
180	100		
182	91.6	47.6	142.9
145	30.5	15.4	46.1

