

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017354.D
 Acq On : 12 Feb 2024 15:33
 Operator : SY/MD
 Sample : VY0212SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBS02

Quant Time: Feb 14 08:38:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 13 18:32:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	101133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	150202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46748	51.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.480%	
35) Dibromofluoromethane	7.722	113	48116	52.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.440%	
50) Toluene-d8	10.185	98	176823	52.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.489	95	57298	52.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	17148	22.367	ug/l	98
3) Chloromethane	2.113	50	35592	25.843	ug/l	94
4) Vinyl Chloride	2.247	62	40920	24.381	ug/l	98
5) Bromomethane	2.650	94	25638	22.037	ug/l	96
6) Chloroethane	2.790	64	26608	24.553	ug/l	100
7) Trichlorofluoromethane	3.125	101	44464	25.764	ug/l	96
8) Diethyl Ether	3.534	74	13266	24.437	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.900	101	25291	24.174	ug/l	99
10) Methyl Iodide	4.095	142	21068	19.155	ug/l	100
11) Tert butyl alcohol	4.997	59	8646	97.048	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	21957	22.398	ug/l	98
13) Acrolein	3.741	56	8254	100.158	ug/l	94
14) Allyl chloride	4.485	41	34121	23.024	ug/l	97
15) Acrylonitrile	5.180	53	28713	117.473	ug/l	100
16) Acetone	3.967	43	33403	125.793	ug/l	97
17) Carbon Disulfide	4.198	76	50694	16.200	ug/l	99
18) Methyl Acetate	4.491	43	12079	20.391	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	58503	24.780	ug/l	99
20) Methylene Chloride	4.723	84	29488	23.611	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	24721	22.167	ug/l	97
22) Diisopropyl ether	6.125	45	82706	25.413	ug/l	96
23) Vinyl Acetate	6.070	43	244725	124.102	ug/l	99
24) 1,1-Dichloroethane	6.027	63	49100	24.628	ug/l	99
25) 2-Butanone	6.997	43	43591	123.487	ug/l	96
26) 2,2-Dichloropropane	6.984	77	41575	25.071	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	29861	23.941	ug/l	99
28) Bromochloromethane	7.338	49	19243	25.208	ug/l	97
29) Tetrahydrofuran	7.356	42	22545	113.059	ug/l	99
30) Chloroform	7.515	83	51227	25.542	ug/l	100
31) Cyclohexane	7.789	56	37849	20.784	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	42838	24.832	ug/l	100
36) 1,1-Dichloropropene	7.923	75	36660	23.065	ug/l	98
37) Ethyl Acetate	7.082	43	17072	23.158	ug/l	99
38) Carbon Tetrachloride	7.905	117	36122	23.736	ug/l	97
39) Methylcyclohexane	9.191	83	39278	21.153	ug/l	98
40) Benzene	8.167	78	106970	23.567	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	8470	24.250	ug/l #	89
42) 1,2-Dichloroethane	8.246	62	29258	24.346	ug/l	100
43) Isopropyl Acetate	8.283	43	32053	24.562	ug/l	100
44) Trichloroethene	8.947	130	27338	23.727	ug/l	100
45) 1,2-Dichloropropane	9.222	63	28273	25.360	ug/l	98
46) Dibromomethane	9.313	93	14584	24.217	ug/l	96
47) Bromodichloromethane	9.502	83	37451	24.849	ug/l	94
48) Methyl methacrylate	9.301	41	13863	22.648	ug/l	92
49) 1,4-Dioxane	9.319	88	3240	494.281	ug/l #	86
51) 4-Methyl-2-Pentanone	10.075	43	87804	125.519	ug/l	100
52) Toluene	10.252	92	66065	24.114	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	34072	24.067	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	41398	24.414	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	20527	25.052	ug/l	96
56) Ethyl methacrylate	10.514	69	24600	24.679	ug/l	98
57) 1,3-Dichloropropane	10.795	76	34808	24.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	55431	108.591	ug/l	99
59) 2-Hexanone	10.837	43	65586	129.660	ug/l	99
60) Dibromochloromethane	10.990	129	23921	24.886	ug/l	99
61) 1,2-Dibromoethane	11.093	107	18318	24.038	ug/l	97
64) Tetrachloroethene	10.728	164	22927	23.503	ug/l	97
65) Chlorobenzene	11.520	112	70084	24.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	25926	24.621	ug/l	98
67) Ethyl Benzene	11.599	91	126873	24.228	ug/l	100
68) m/p-Xylenes	11.709	106	94857	47.732	ug/l	100
69) o-Xylene	12.038	106	45158	24.675	ug/l	99
70) Styrene	12.050	104	74790	24.803	ug/l	99
71) Bromoform	12.215	173	13499	24.479	ug/l #	99
73) Isopropylbenzene	12.337	105	119757	24.505	ug/l	99
74) N-amyl acetate	12.148	43	28763	26.193	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	23717	24.674	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	28835	46.962	ug/l #	100
77) Bromobenzene	12.611	156	25661	23.672	ug/l	96
78) n-propylbenzene	12.678	91	152053	25.333	ug/l	99
79) 2-Chlorotoluene	12.764	91	83052	25.168	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	97441	25.070	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	7145	24.179	ug/l	98
82) 4-Chlorotoluene	12.861	91	86774	25.550	ug/l	100
83) tert-Butylbenzene	13.081	119	84208	25.275	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	95306	24.842	ug/l	97
85) sec-Butylbenzene	13.258	105	133217	25.583	ug/l	100
86) p-Isopropyltoluene	13.373	119	104517	25.118	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	52545	24.298	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	52735	25.100	ug/l	99
89) n-Butylbenzene	13.703	91	102404	25.884	ug/l	98
90) Hexachloroethane	13.965	117	21383	25.032	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	46365	25.185	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3147	25.135	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	23432	25.625	ug/l	99
94) Hexachlorobutadiene	15.117	225	13761	25.551	ug/l	98
95) Naphthalene	15.239	128	42446	25.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19527	25.108	ug/l	96

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ClientSampleId :
VY0212SBS02

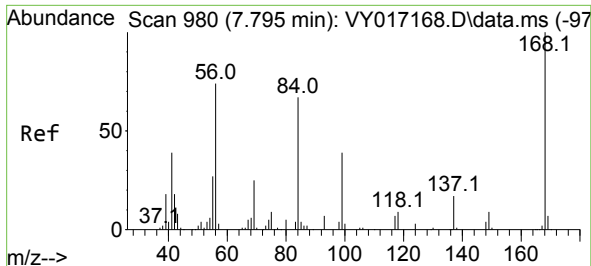
Quant Time: Feb 14 08:38:55 2024
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Quant Title : SW846 8260
QLast Update : Tue Feb 13 18:32:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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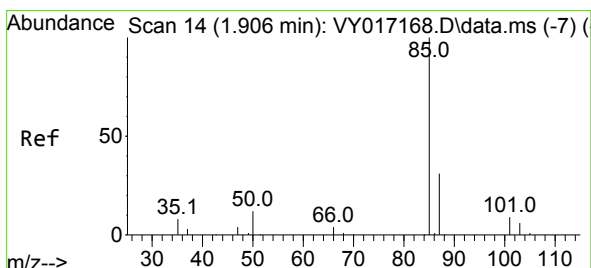
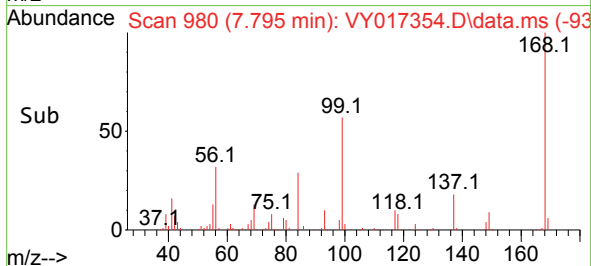
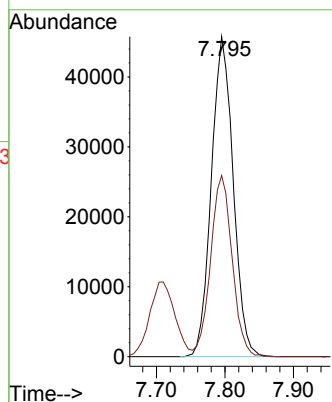
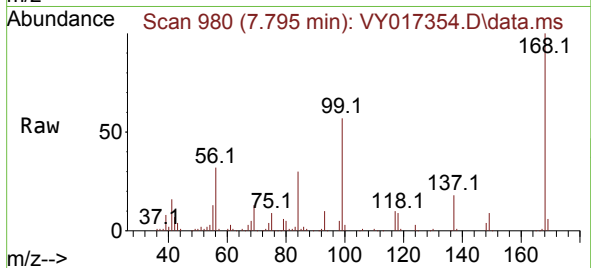




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017354.D
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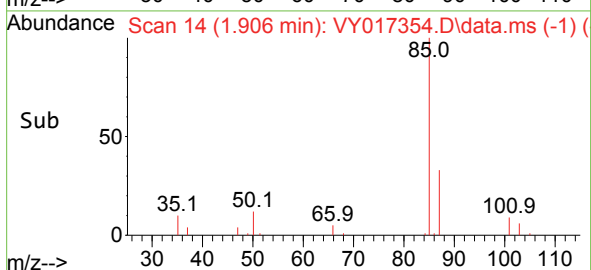
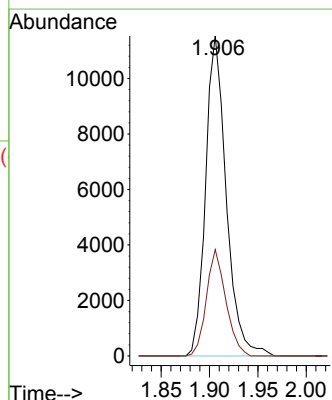
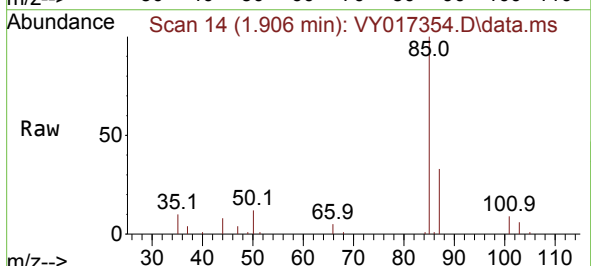
Instrument :
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ClientSampleId :
VY0212SBS02

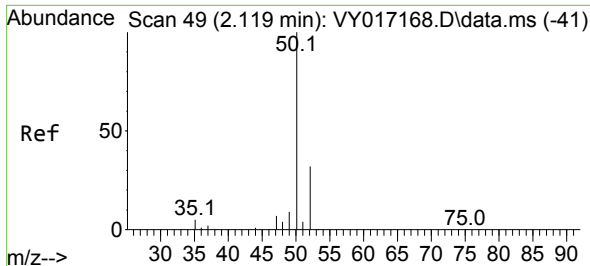
Tgt Ion:168 Resp: 101133
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 22.367 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 85 Resp: 17148
Ion Ratio Lower Upper
85 100
87 33.3 17.1 51.3

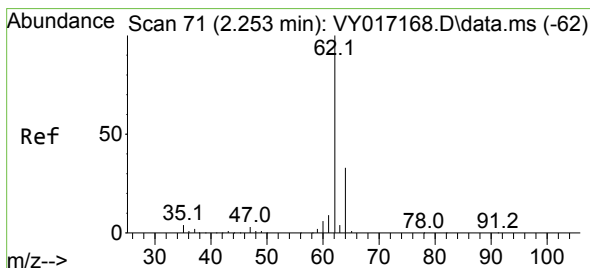
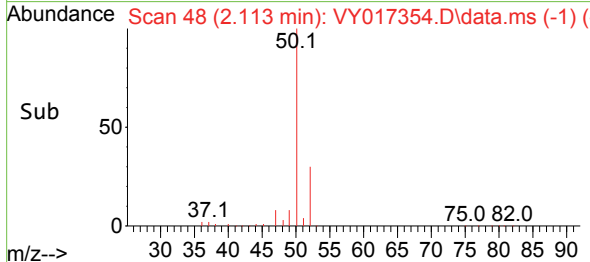
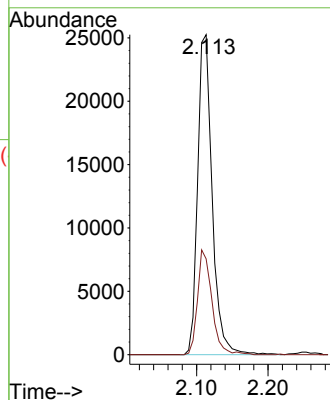
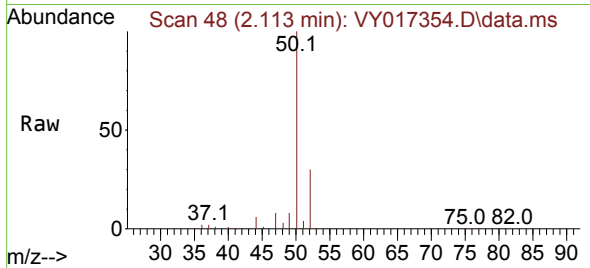




#3
Chloromethane
Concen: 25.843 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

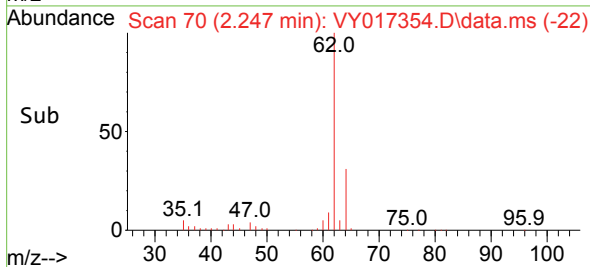
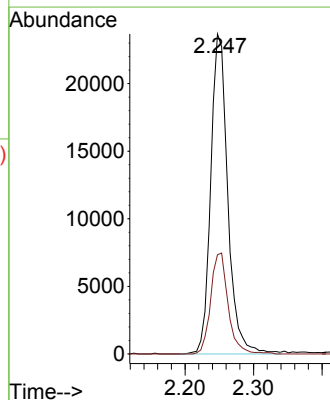
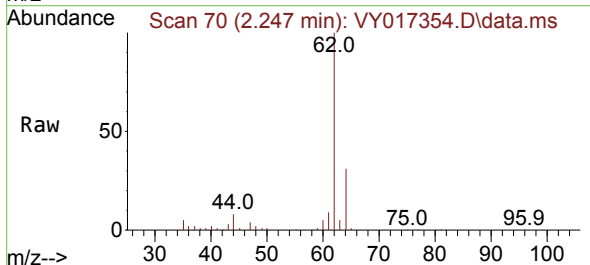
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

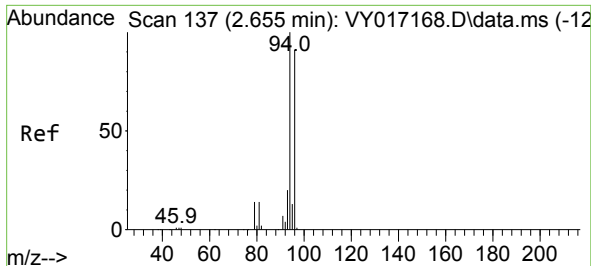
Tgt Ion: 50 Resp: 35592
Ion Ratio Lower Upper
50 100
52 29.9 26.7 40.1



#4
Vinyl Chloride
Concen: 24.381 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 62 Resp: 40920
Ion Ratio Lower Upper
62 100
64 31.0 25.7 38.5





#5

Bromomethane

Concen: 22.037 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

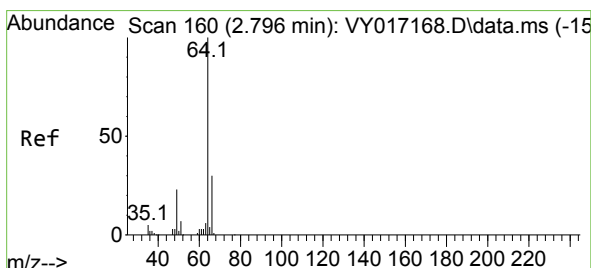
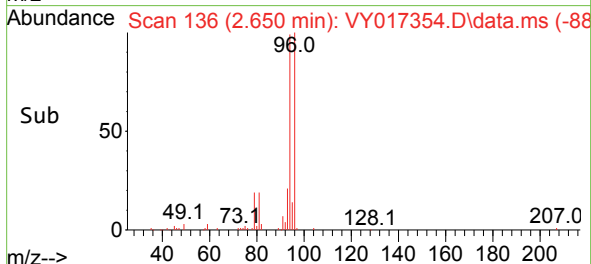
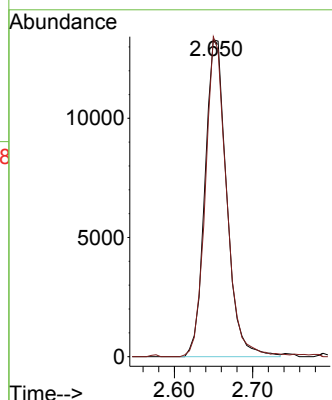
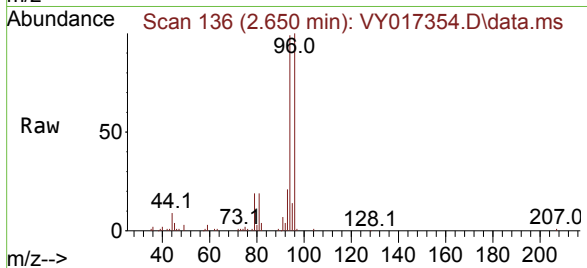
VY0212SBS02

Tgt Ion: 94 Resp: 25638

Ion Ratio Lower Upper

94 100

96 100.9 77.3 115.9



#6

Chloroethane

Concen: 24.553 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY017354.D

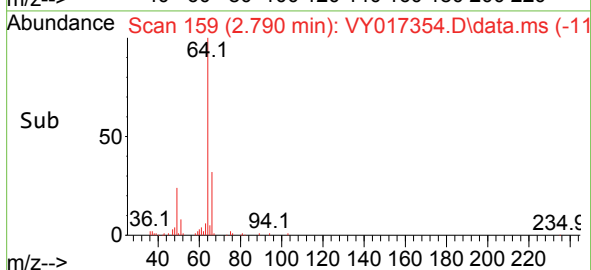
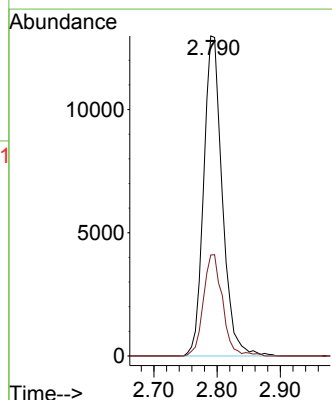
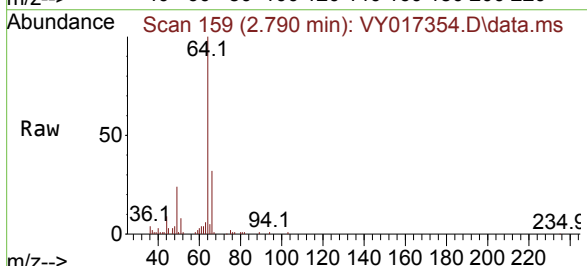
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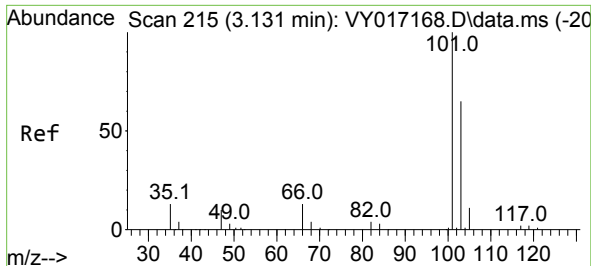
Tgt Ion: 64 Resp: 26608

Ion Ratio Lower Upper

64 100

66 31.5 25.1 37.7

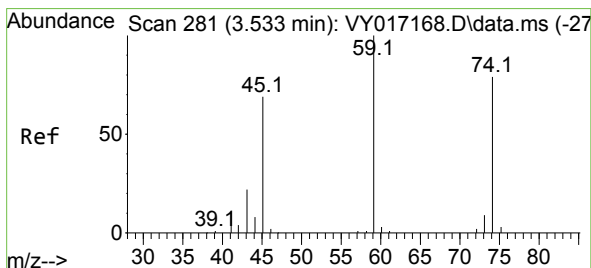
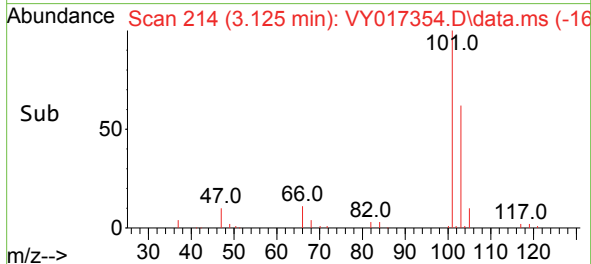
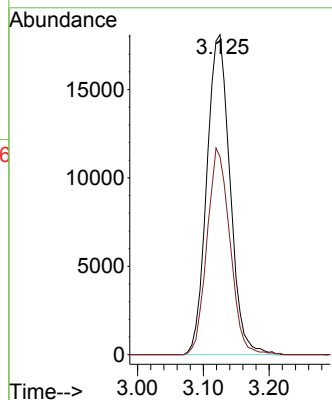
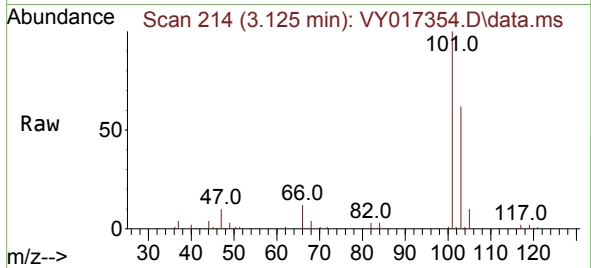




#7
 Trichlorofluoromethane
 Concen: 25.764 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY017354.D
 Acq: 12 Feb 2024 15:33

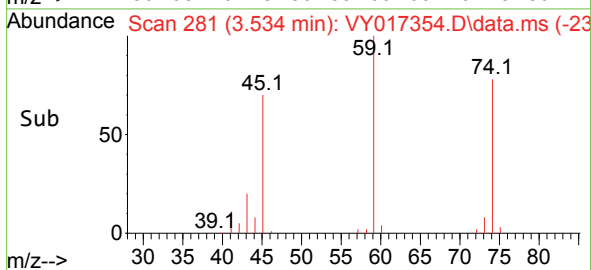
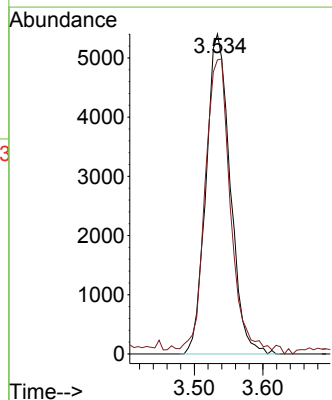
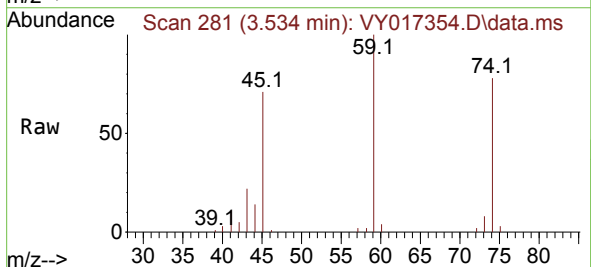
Instrument :
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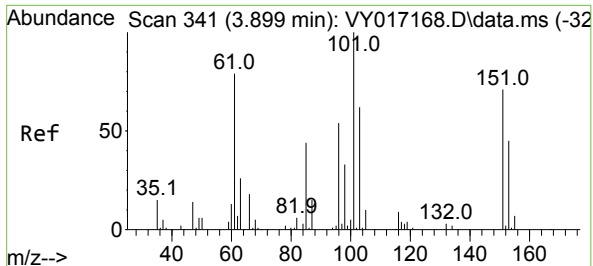
Tgt Ion:101 Resp: 44464
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 24.437 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY017354.D
 Acq: 12 Feb 2024 15:33

Tgt Ion: 74 Resp: 13266
 Ion Ratio Lower Upper
 74 100
 45 93.1 47.9 143.7

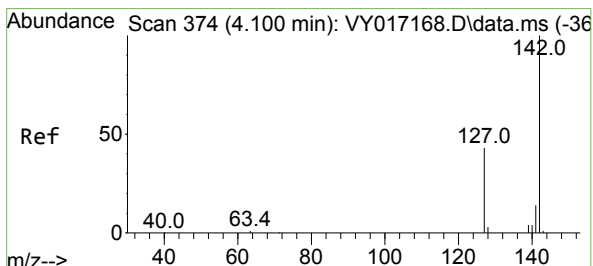
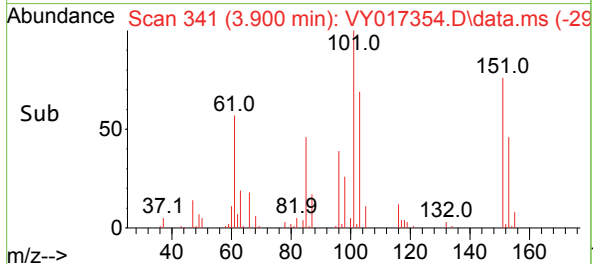
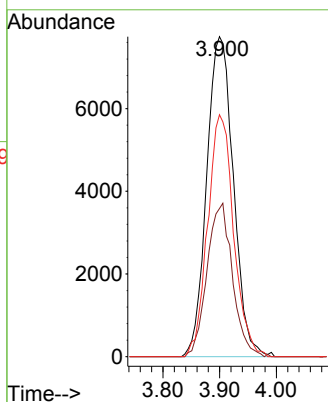
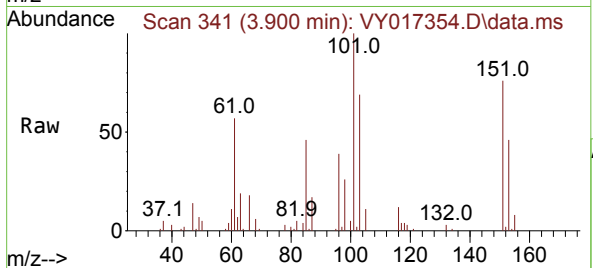




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.174 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

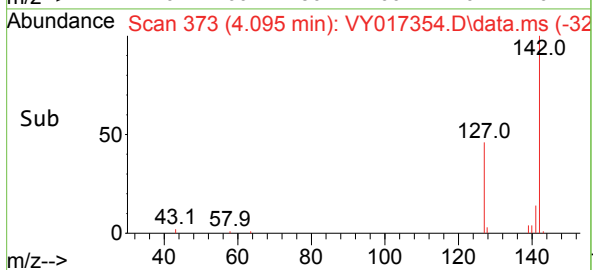
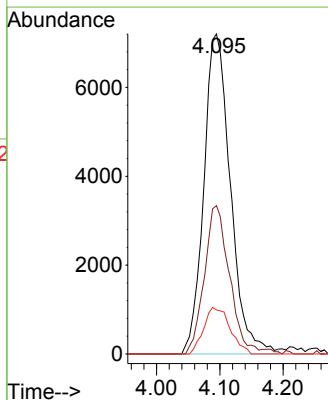
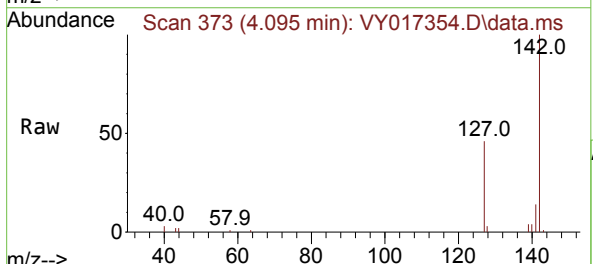
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

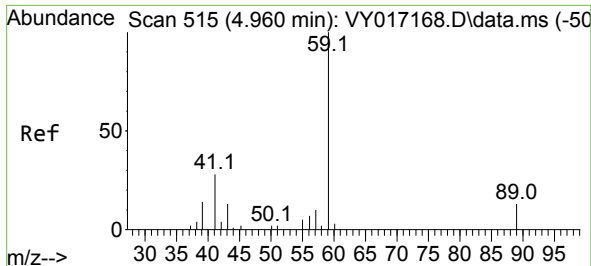
Tgt Ion:	101	Resp:	25291
Ion	Ratio	Lower	Upper
101	100		
85	45.7	35.8	53.6
151	73.6	58.6	88.0



#10
Methyl Iodide
Concen: 19.155 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion:	142	Resp:	21068
Ion	Ratio	Lower	Upper
142	100		
127	44.2	35.1	52.7
141	14.4	11.8	17.6

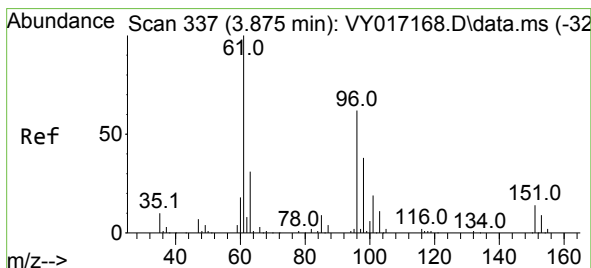
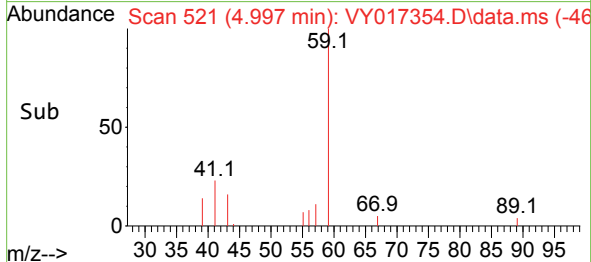
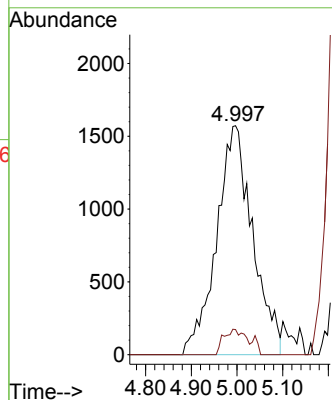
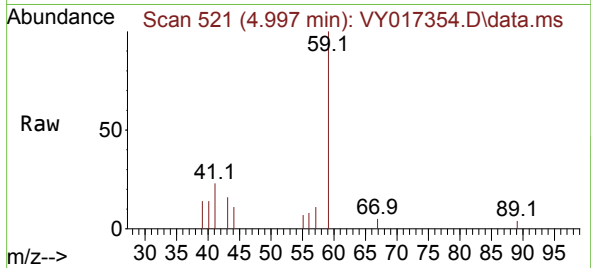




#11
Tert butyl alcohol
Concen: 97.048 ug/l
RT: 4.997 min Scan# 515
Delta R.T. 0.037 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

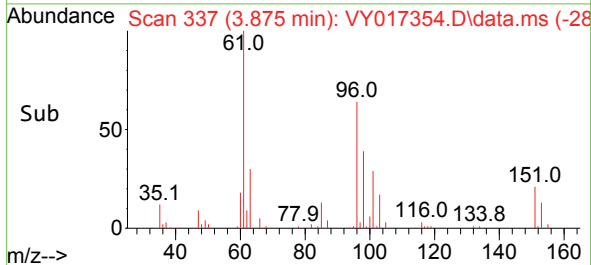
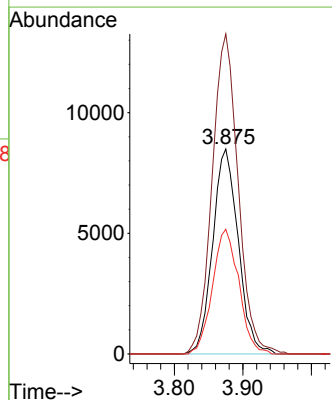
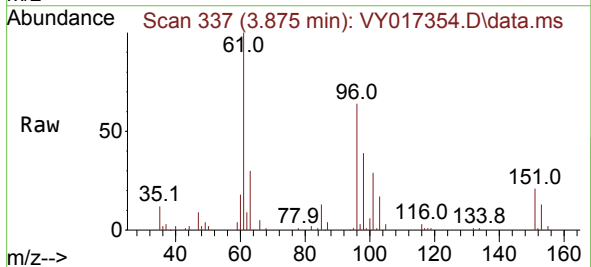
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

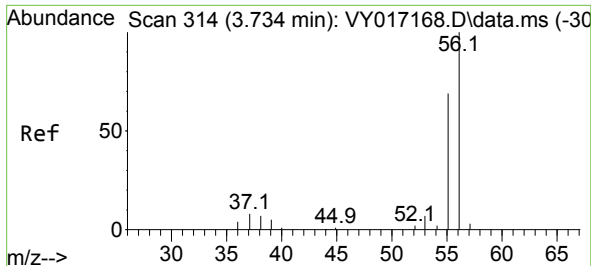
Tgt Ion: 59 Resp: 8646
Ion Ratio Lower Upper
59 100
57 6.5 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 22.398 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 96 Resp: 21957
Ion Ratio Lower Upper
96 100
61 156.1 124.2 186.2
98 60.8 52.6 79.0





#13

Acrolein

Concen: 100.158 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.007 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

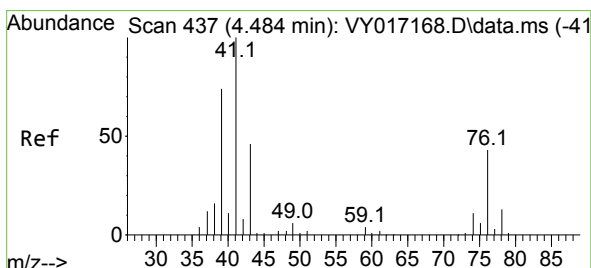
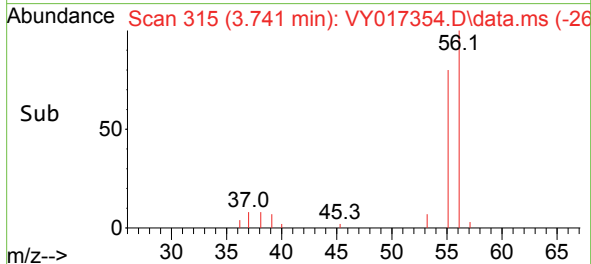
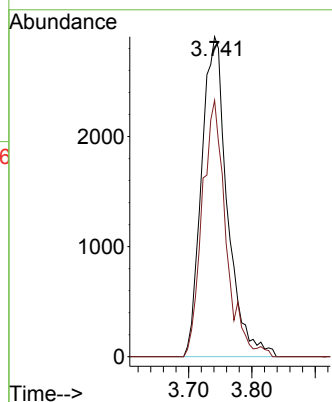
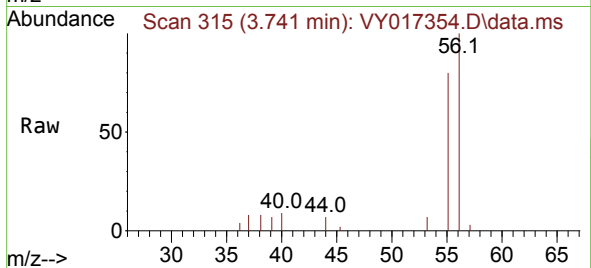
VY0212SBS02

Tgt Ion: 56 Resp: 8254

Ion Ratio Lower Upper

56 100

55 73.8 55.4 83.0



#14

Allyl chloride

Concen: 23.024 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

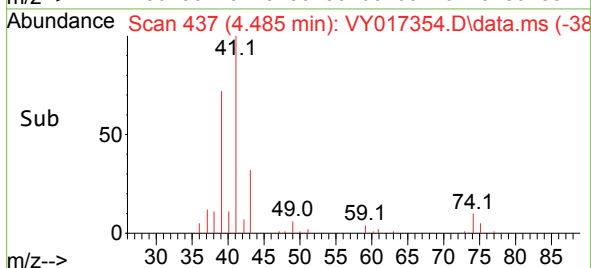
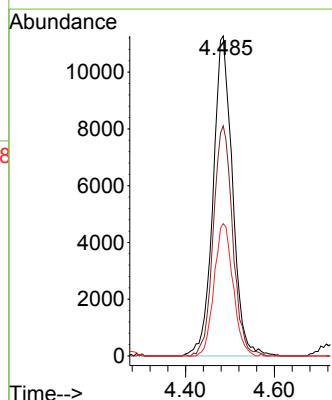
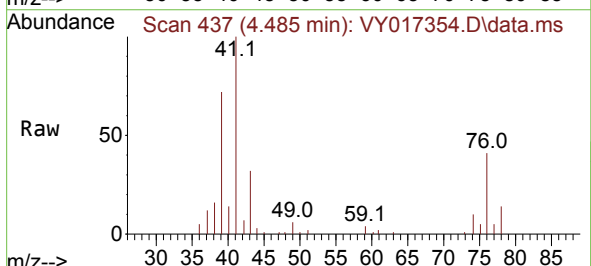
Tgt Ion: 41 Resp: 34121

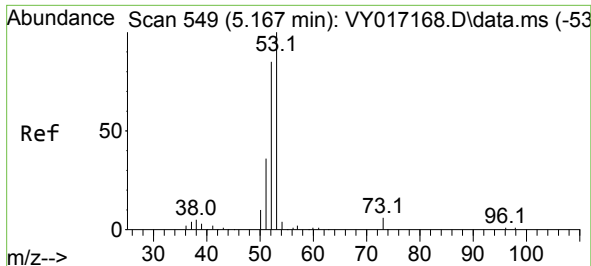
Ion Ratio Lower Upper

41 100

39 71.7 54.7 82.1

76 40.4 31.8 47.6

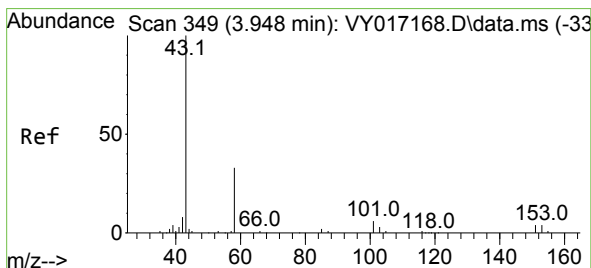
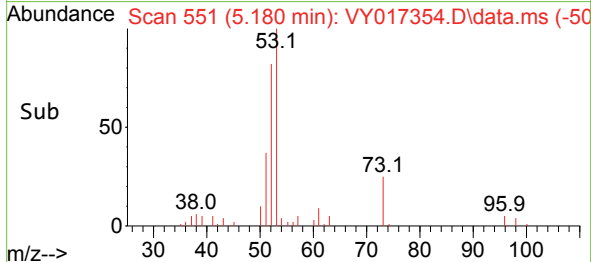
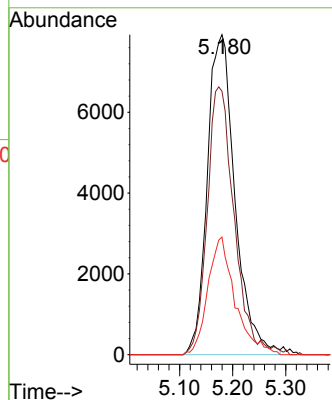
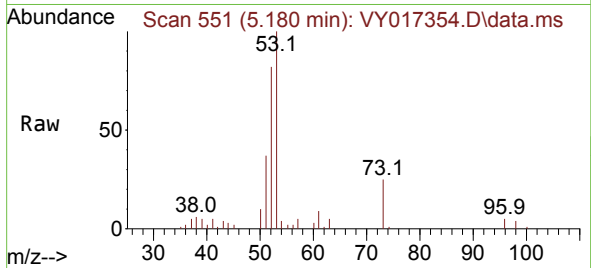




#15
Acrylonitrile
Concen: 117.473 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

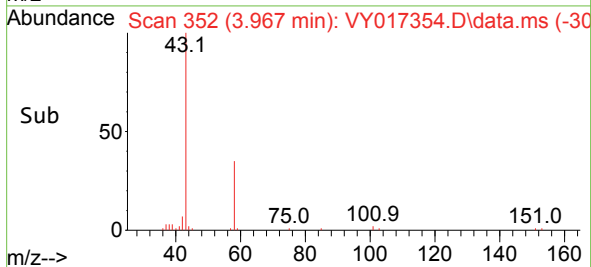
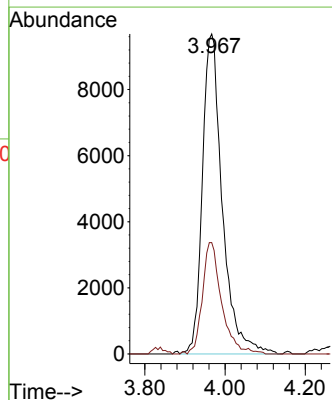
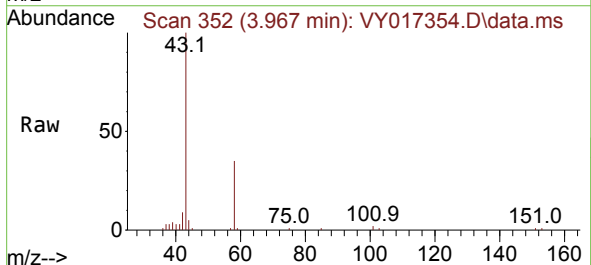
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

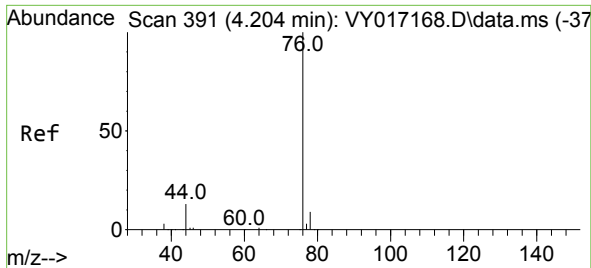
Tgt Ion: 53 Resp: 28713
Ion Ratio Lower Upper
53 100
52 81.6 65.1 97.7
51 36.2 29.0 43.4



#16
Acetone
Concen: 125.793 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.019 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 43 Resp: 33403
Ion Ratio Lower Upper
43 100
58 34.8 26.6 39.8





#17

Carbon Disulfide

Concen: 16.200 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

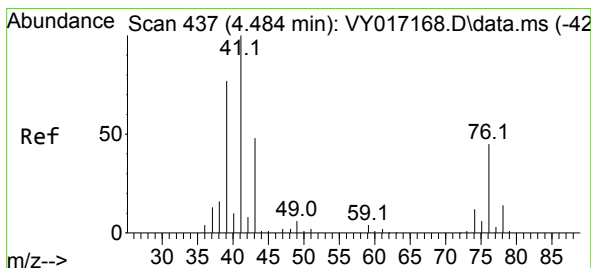
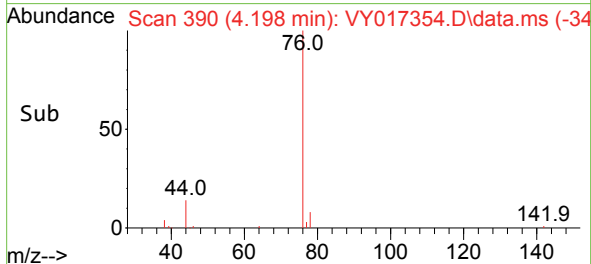
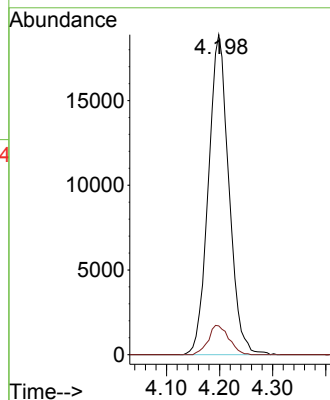
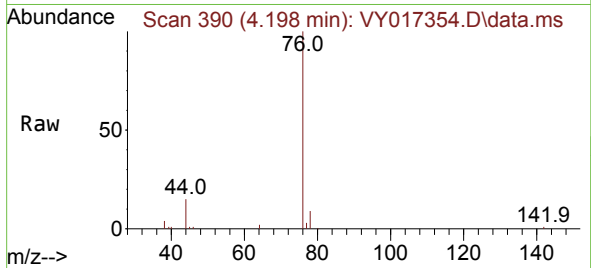
VY0212SBS02

Tgt Ion: 76 Resp: 50694

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 20.391 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.007 min

Lab File: VY017354.D

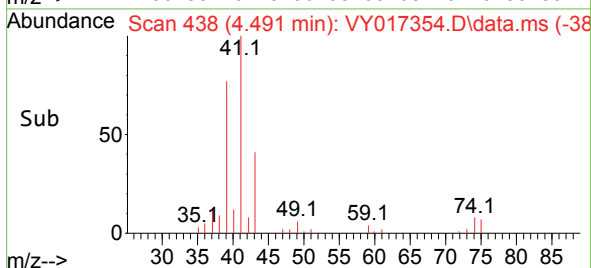
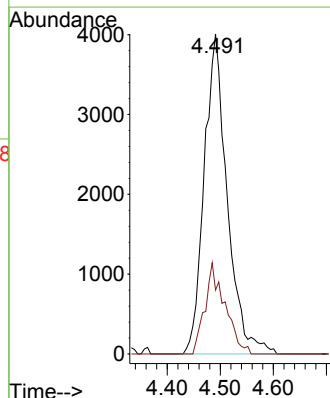
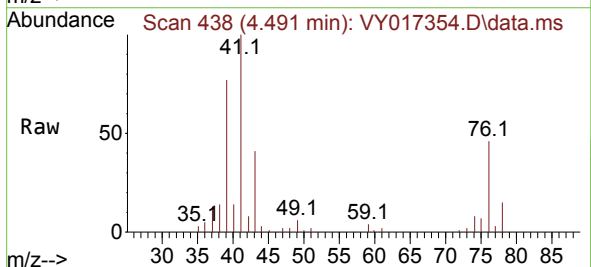
Acq: 12 Feb 2024 15:33

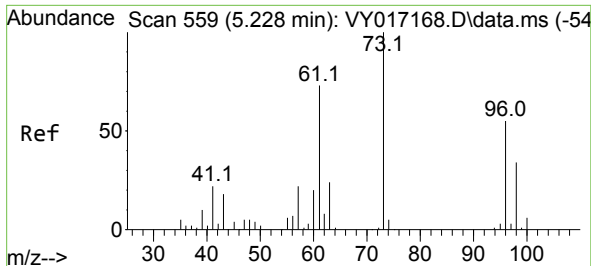
Tgt Ion: 43 Resp: 12079

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 24.780 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

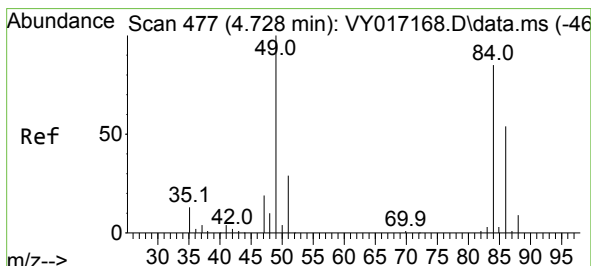
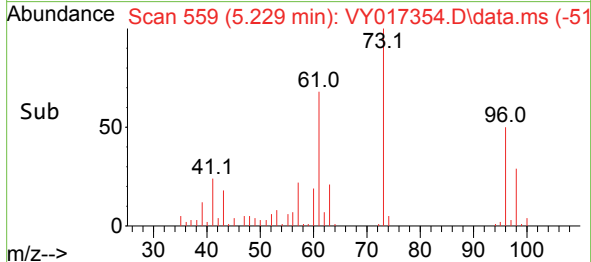
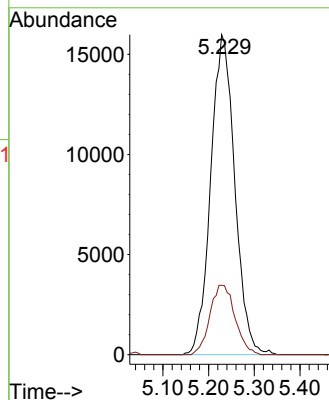
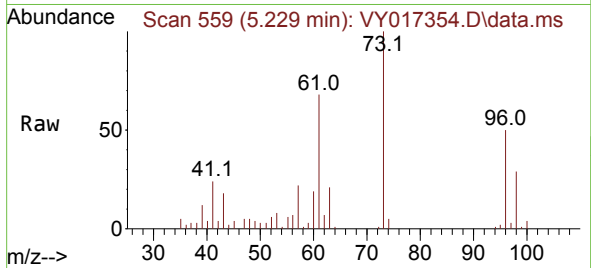
VY0212SBS02

Tgt Ion: 73 Resp: 58503

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5



#20

Methylene Chloride

Concen: 23.611 ug/l

RT: 4.723 min Scan# 476

Delta R.T. -0.005 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Tgt Ion: 84 Resp: 29488

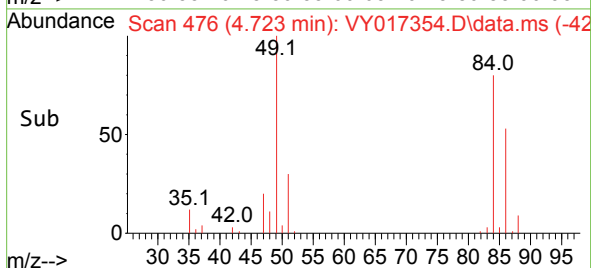
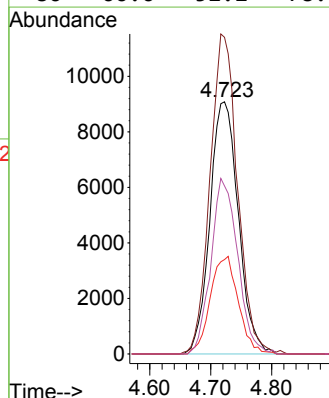
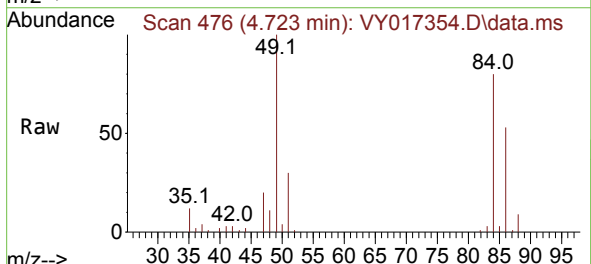
Ion Ratio Lower Upper

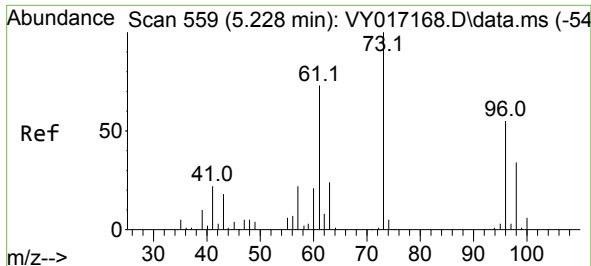
84 100

49 125.6 95.2 142.8

51 37.4 29.9 44.9

86 66.6 52.2 78.4

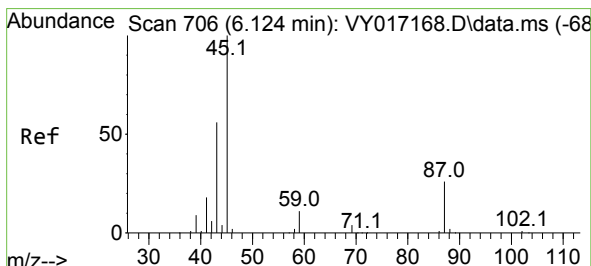
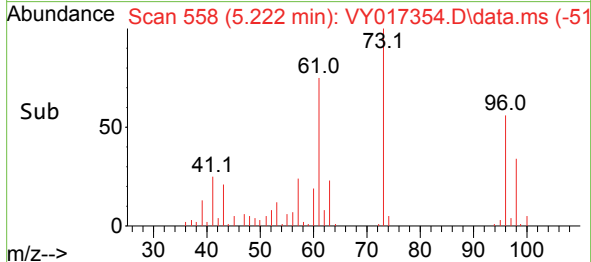
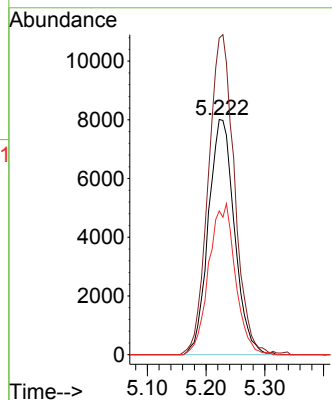
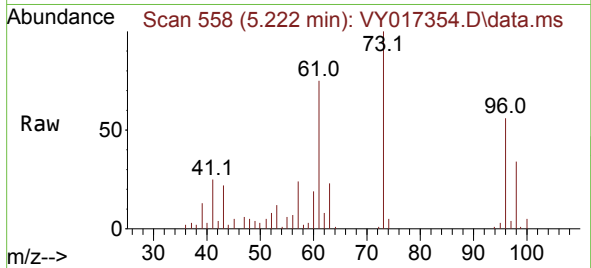




#21
trans-1,2-Dichloroethene
Concen: 22.167 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

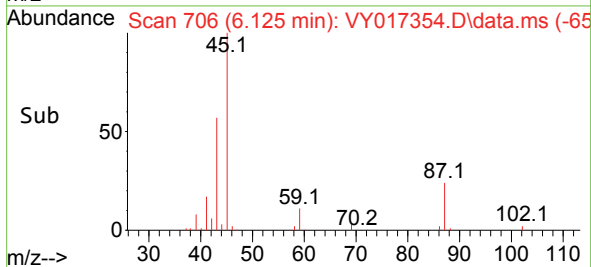
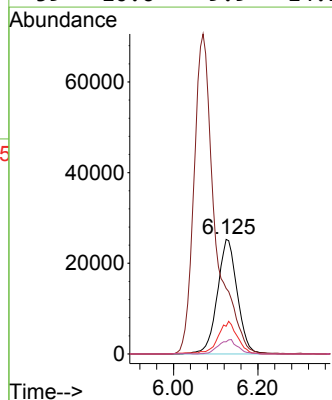
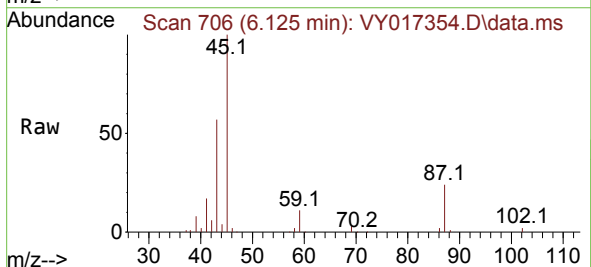
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

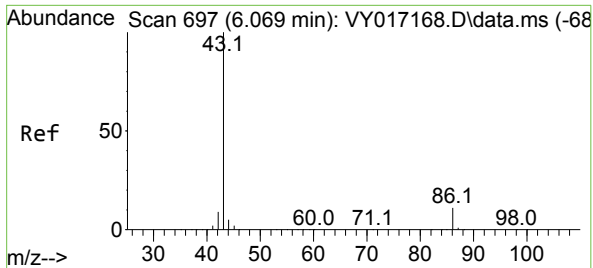
Tgt Ion: 96 Resp: 24721
Ion Ratio Lower Upper
96 100
61 134.6 104.6 156.8
98 61.1 50.9 76.3



#22
Diisopropyl ether
Concen: 25.413 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 45 Resp: 82706
Ion Ratio Lower Upper
45 100
43 56.8 46.8 70.2
87 24.2 22.2 33.2
59 10.6 9.9 14.9

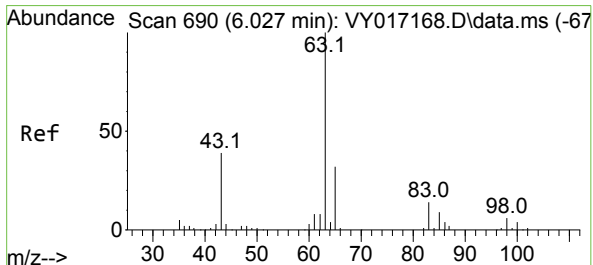
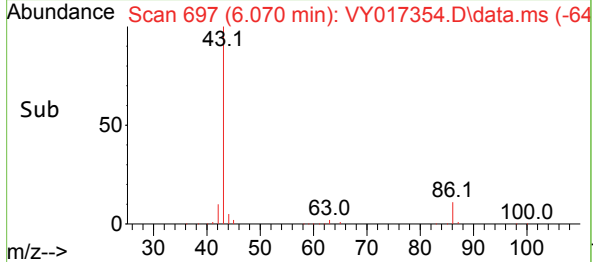
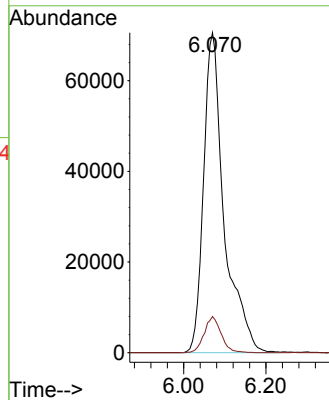
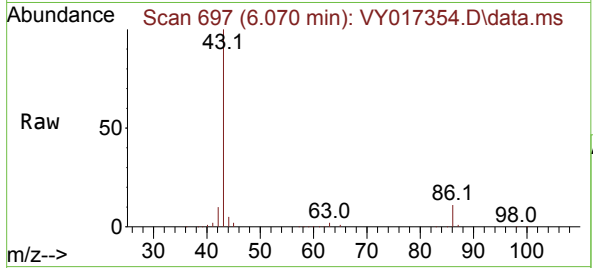




#23
 Vinyl Acetate
 Concen: 124.102 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY017354.D
 Acq: 12 Feb 2024 15:33

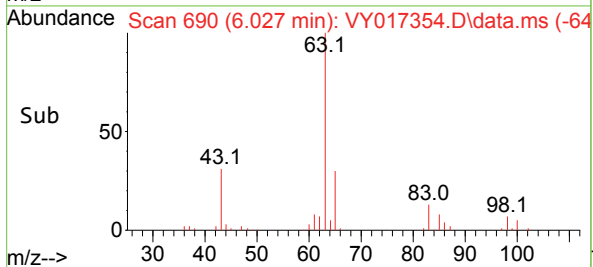
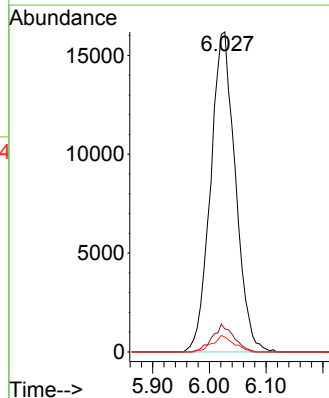
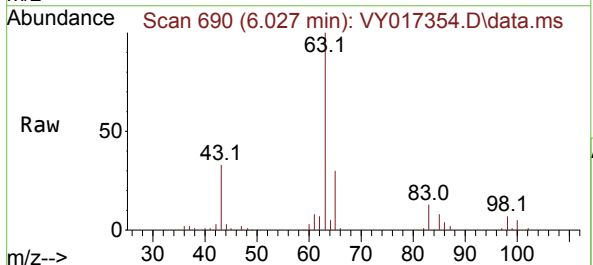
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBS02

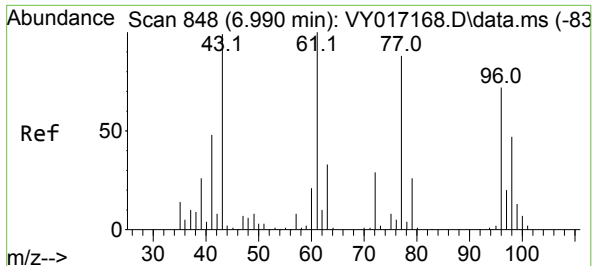
Tgt Ion: 43 Resp: 244725
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 24.628 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017354.D
 Acq: 12 Feb 2024 15:33

Tgt Ion: 63 Resp: 49100
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.6 2.1 6.2

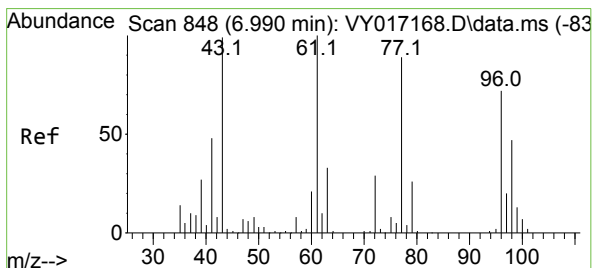
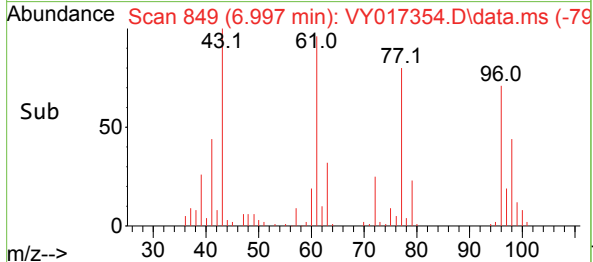
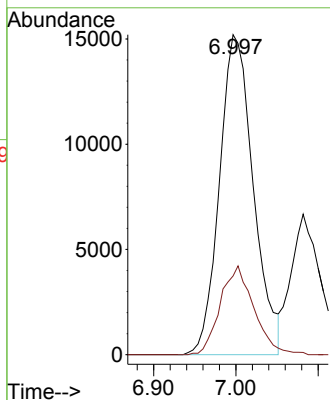
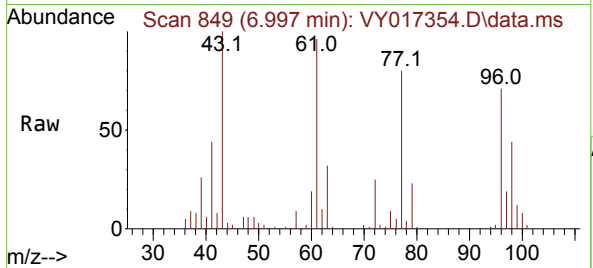




#25
2-Butanone
Concen: 123.487 ug/l
RT: 6.997 min Scan# 84
Delta R.T. 0.007 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

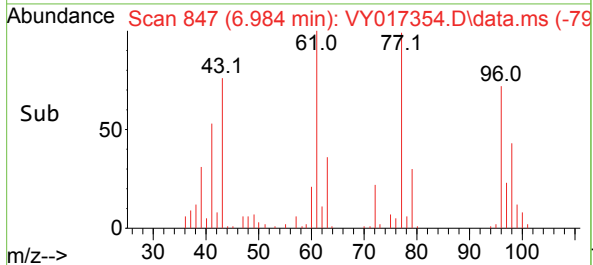
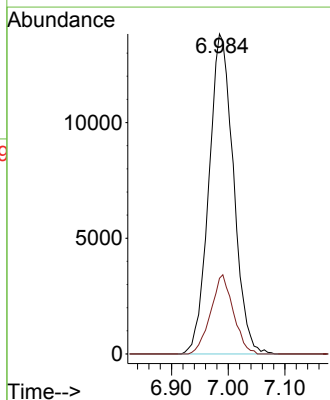
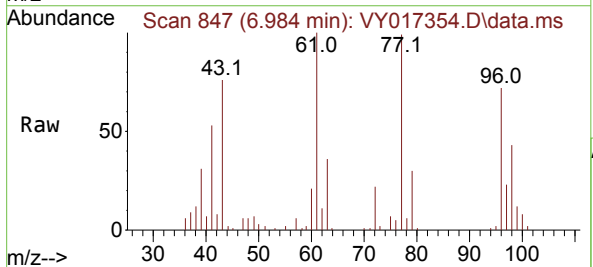
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

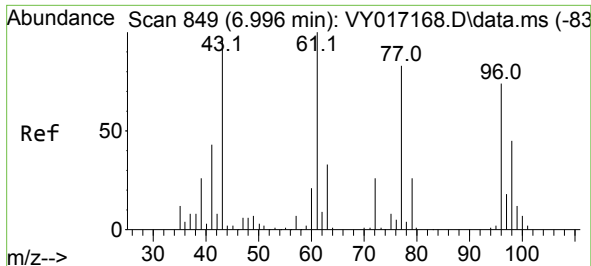
Tgt Ion: 43 Resp: 43591
Ion Ratio Lower Upper
43 100
72 24.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 25.071 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 77 Resp: 41575
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 23.941 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

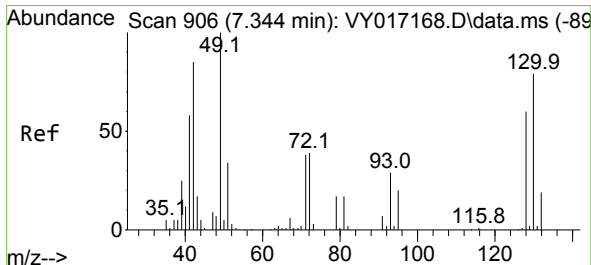
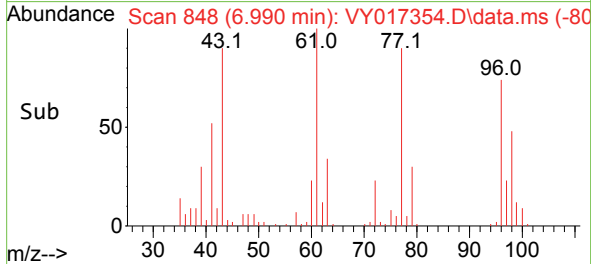
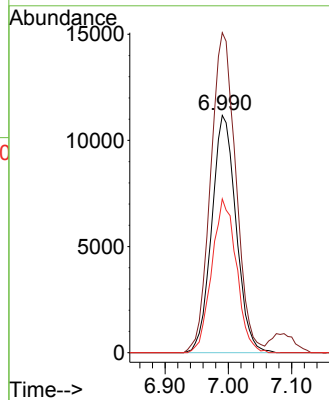
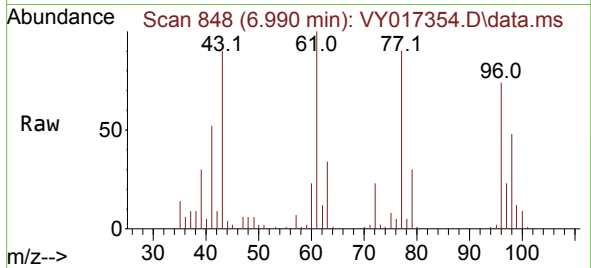
Tgt Ion: 96 Resp: 29861

Ion Ratio Lower Upper

96 100

61 139.8 0.0 278.8

98 65.5 0.0 127.0



#28

Bromochloromethane

Concen: 25.208 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

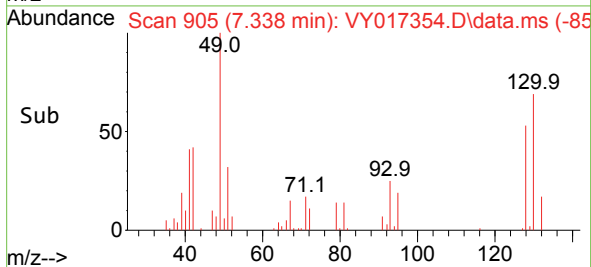
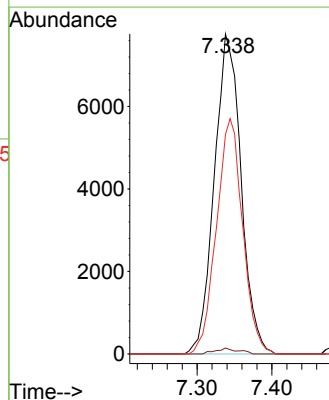
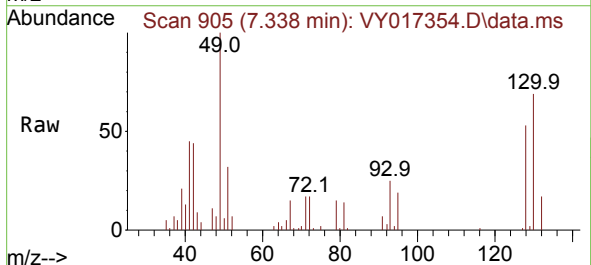
Tgt Ion: 49 Resp: 19243

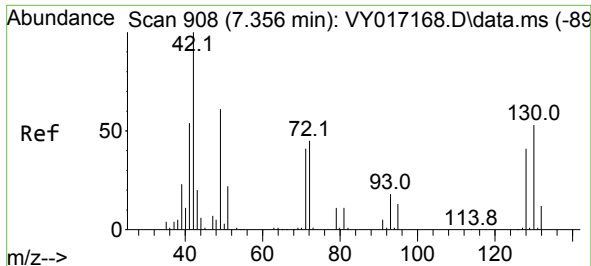
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 72.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 113.059 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

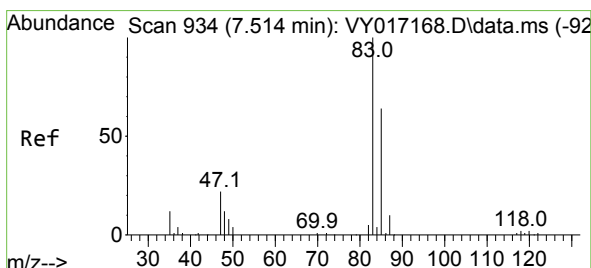
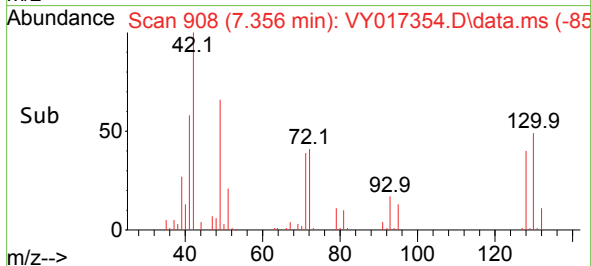
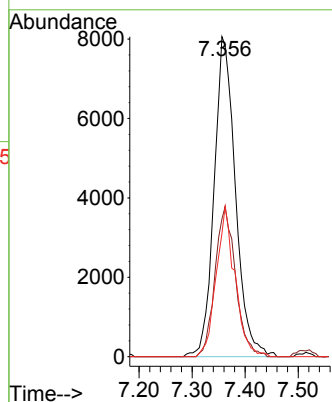
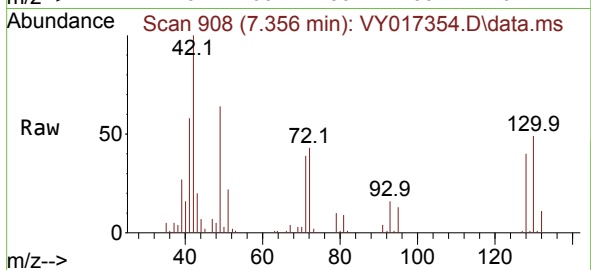
Tgt Ion: 42 Resp: 22545

Ion Ratio Lower Upper

42 100

72 45.1 36.6 54.8

71 41.5 33.8 50.6



#30

Chloroform

Concen: 25.542 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017354.D

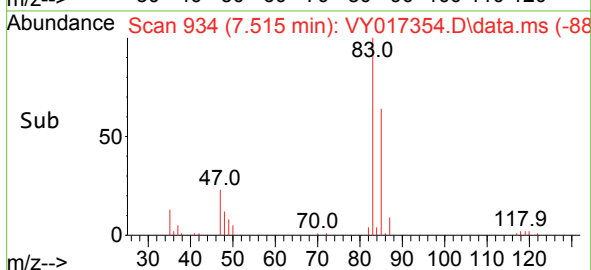
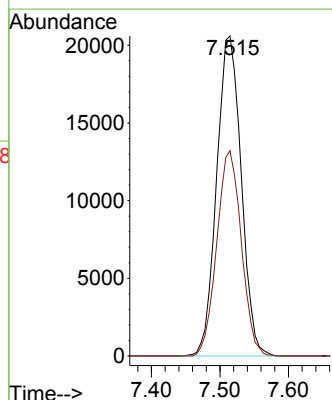
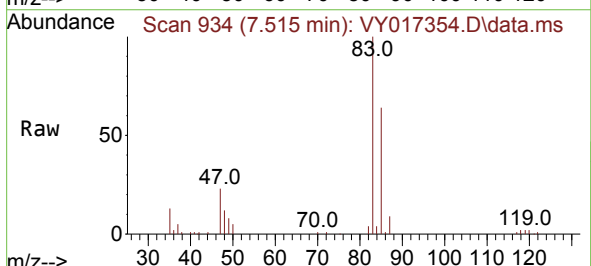
Acq: 12 Feb 2024 15:33

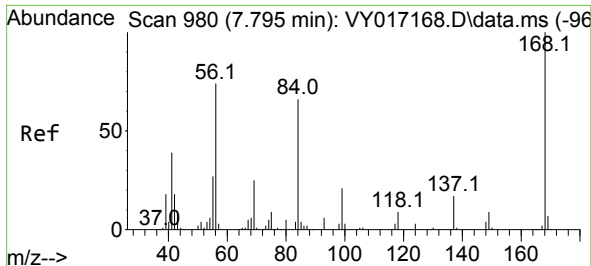
Tgt Ion: 83 Resp: 51227

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

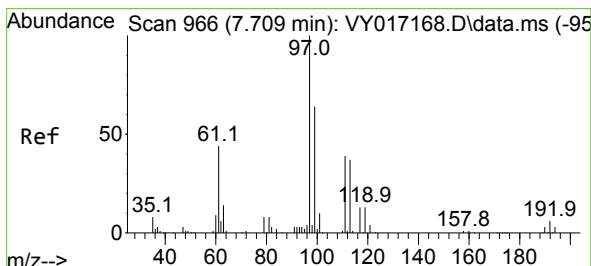
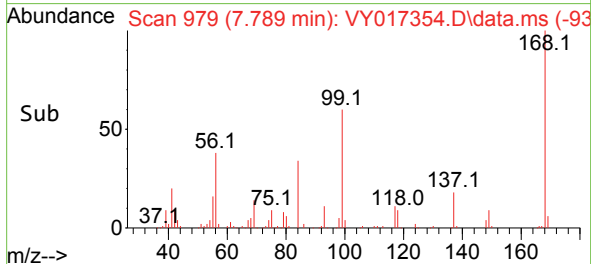
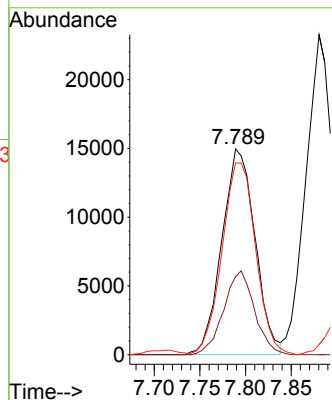
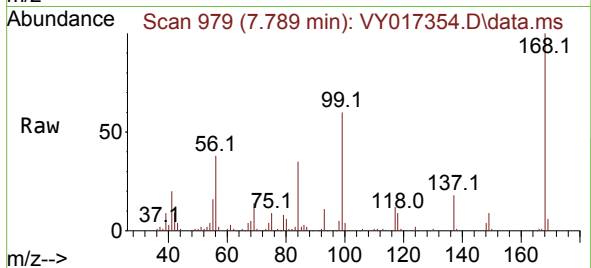




#31
Cyclohexane
Concen: 20.784 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

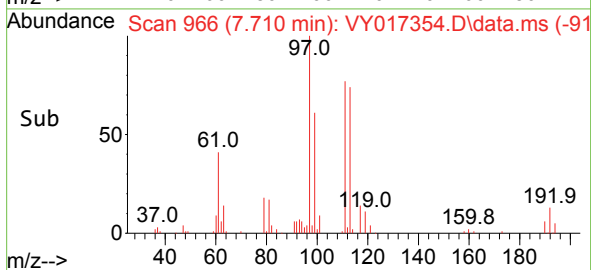
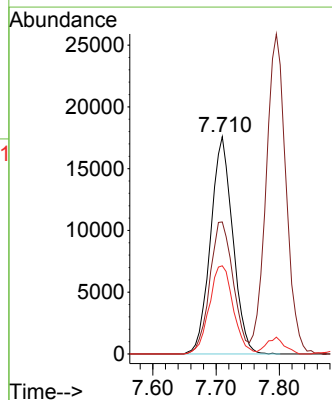
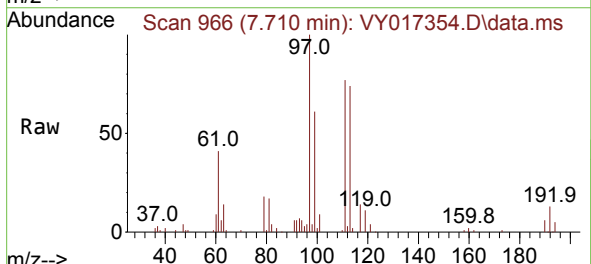
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

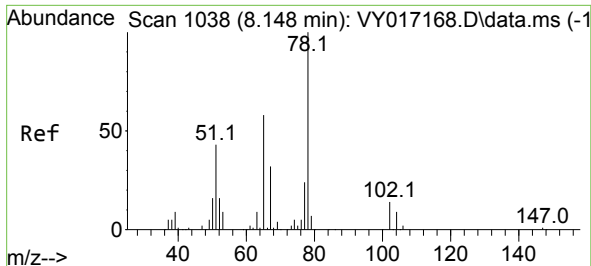
Tgt Ion: 56 Resp: 37849
Ion Ratio Lower Upper
56 100
69 38.0 27.0 40.6
84 92.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 24.832 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 97 Resp: 42838
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 43.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.743 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

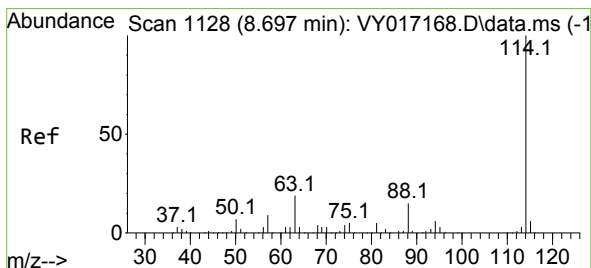
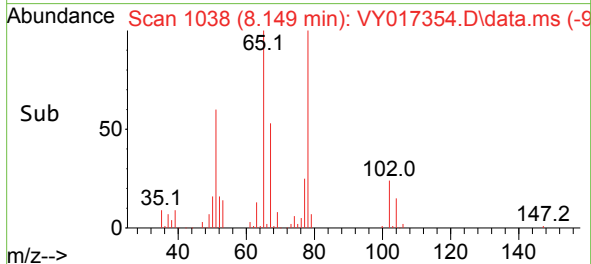
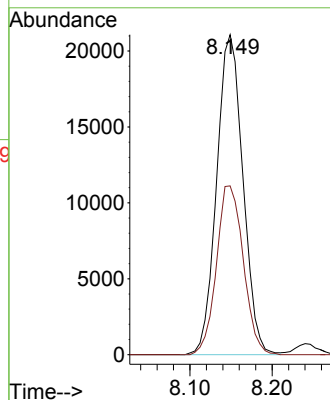
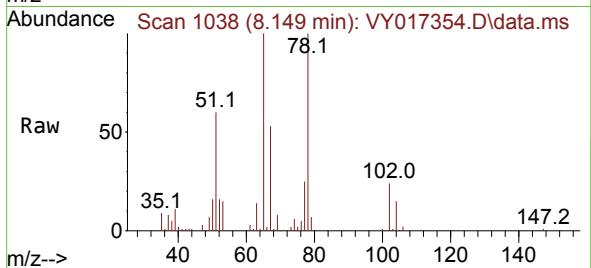
VY0212SBS02

Tgt Ion: 65 Resp: 46748

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

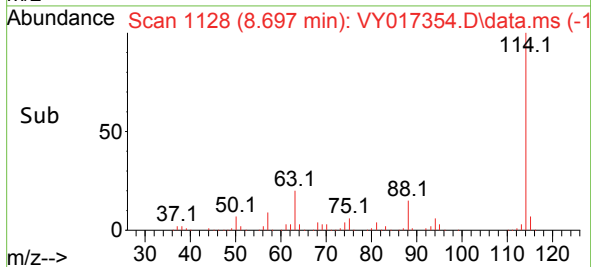
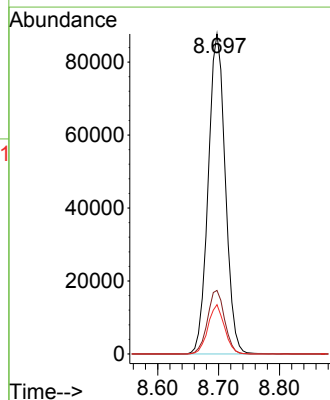
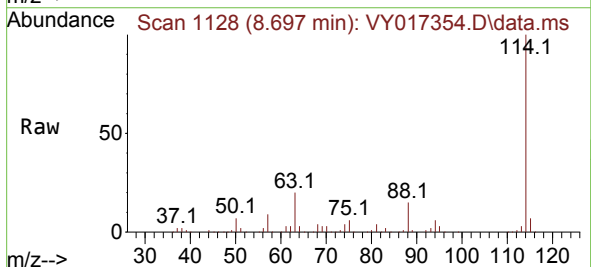
Tgt Ion:114 Resp: 170656

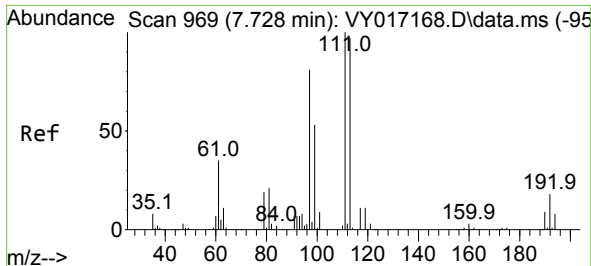
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.4 0.0 29.0

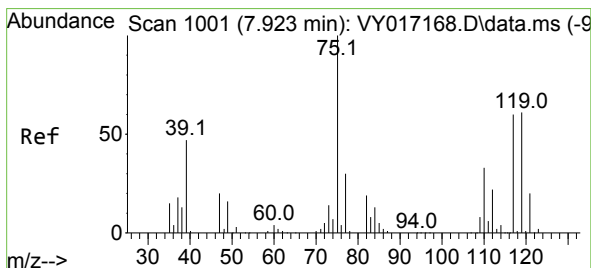
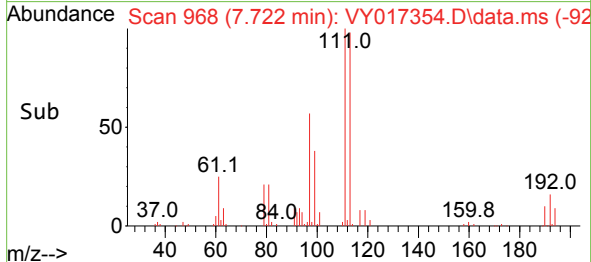
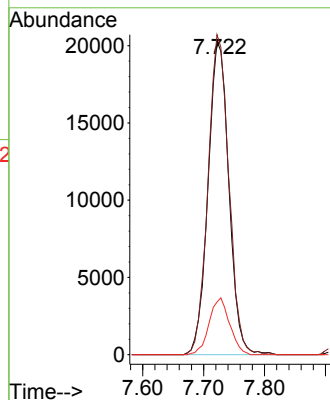
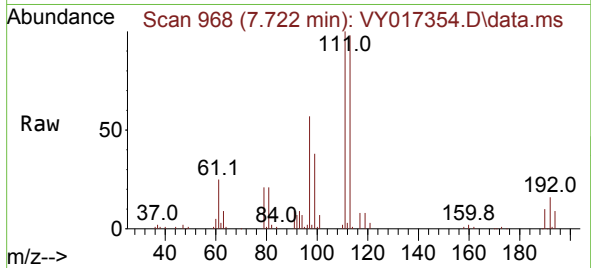




#35
Dibromofluoromethane
Concen: 52.219 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

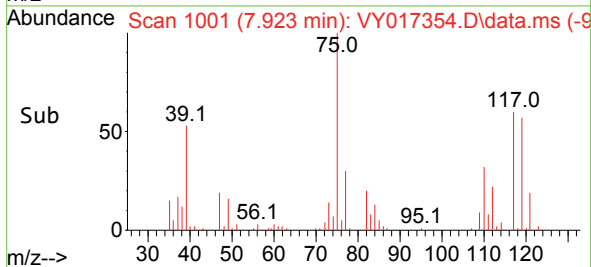
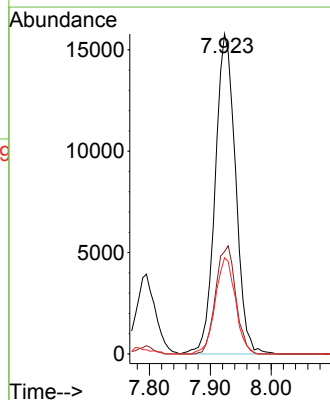
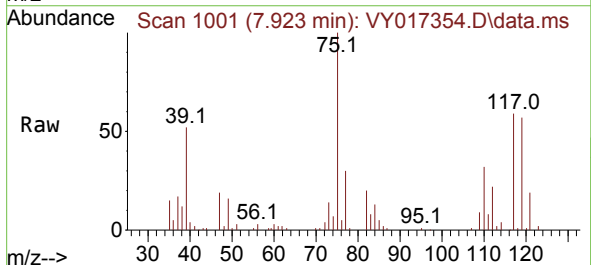
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

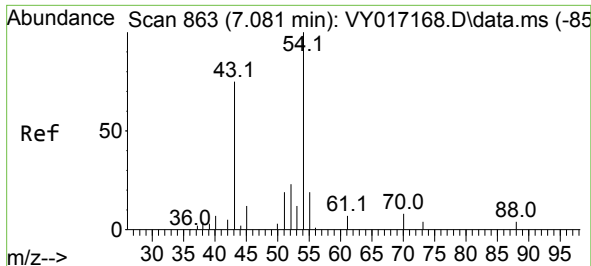
Tgt Ion:113 Resp: 48116
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 23.065 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 75 Resp: 36660
Ion Ratio Lower Upper
75 100
110 33.4 17.4 52.3
77 29.7 24.7 37.1

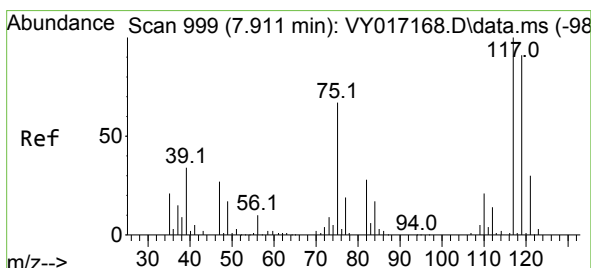
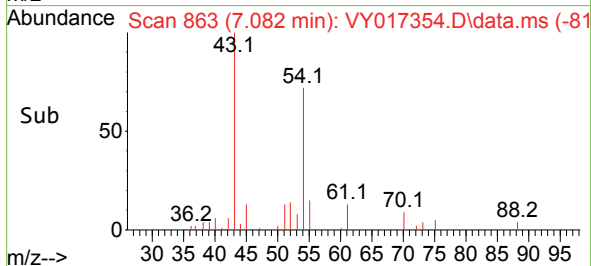
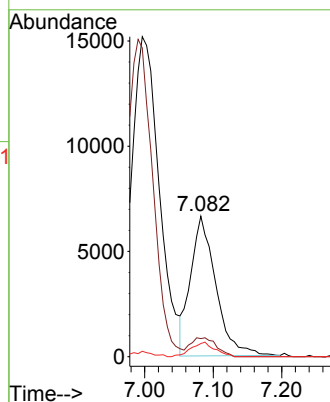
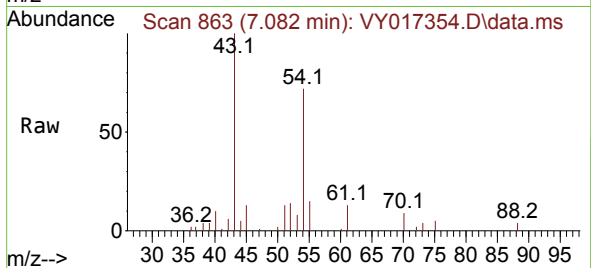




#37
Ethyl Acetate
Concen: 23.158 ug/l
RT: 7.082 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

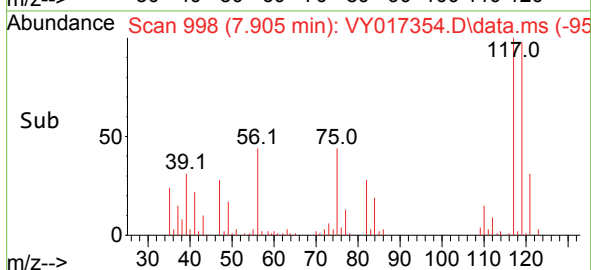
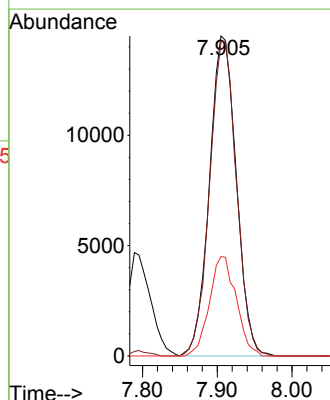
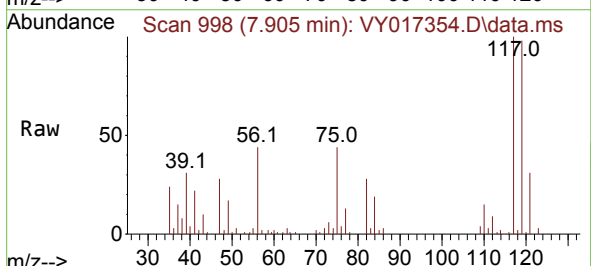
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

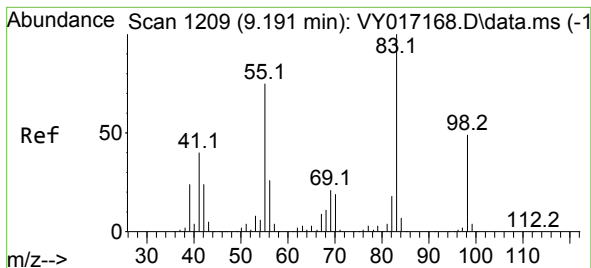
Tgt Ion:	43	Resp:	17072
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	9.7	8.1	12.1



#38
Carbon Tetrachloride
Concen: 23.736 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion:	117	Resp:	36122
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.0	114.0
121	31.0	24.2	36.2





#39

Methylcyclohexane

Concen: 21.153 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

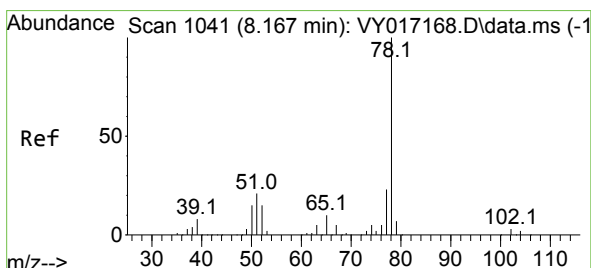
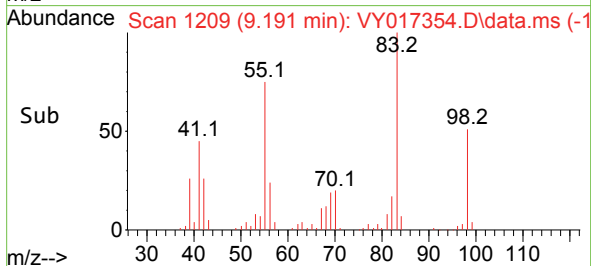
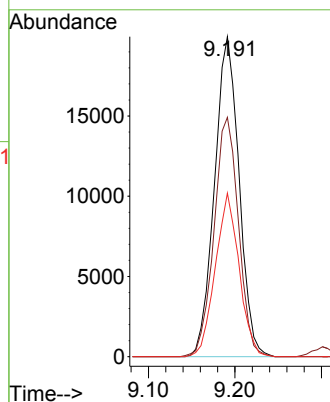
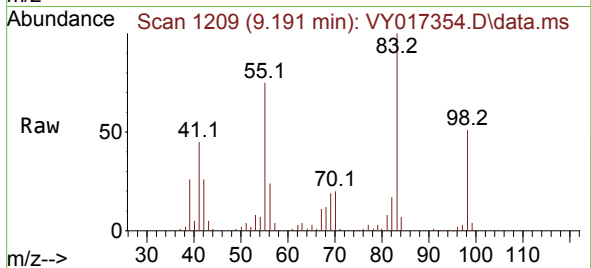
Tgt Ion: 83 Resp: 39278

Ion Ratio Lower Upper

83 100

55 74.8 59.7 89.5

98 51.1 38.0 57.0



#40

Benzene

Concen: 23.567 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017354.D

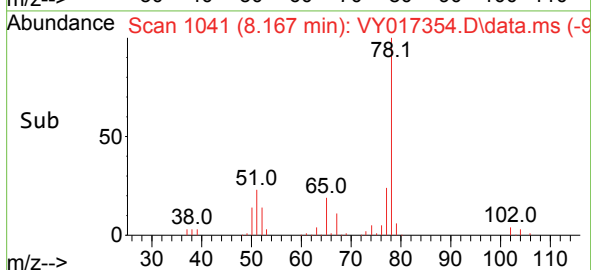
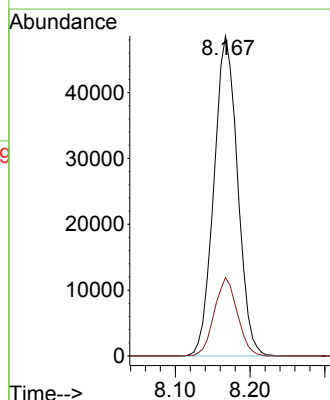
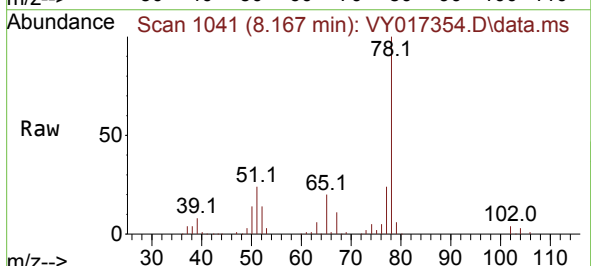
Acq: 12 Feb 2024 15:33

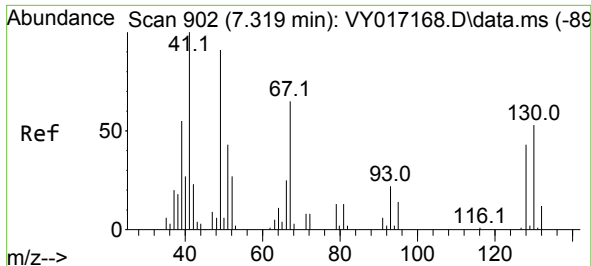
Tgt Ion: 78 Resp: 106970

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2

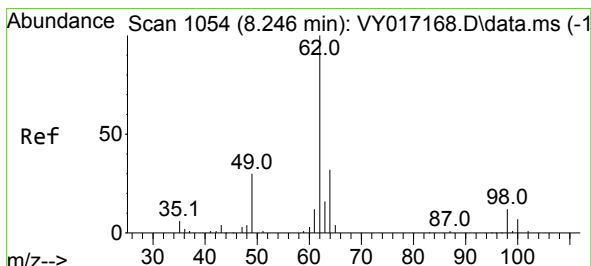
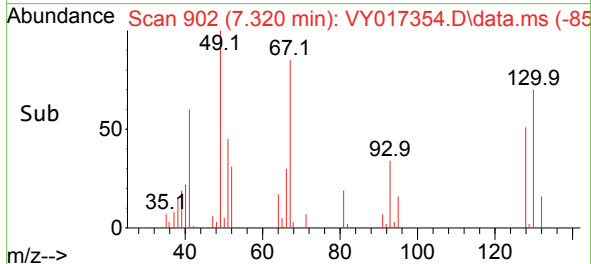
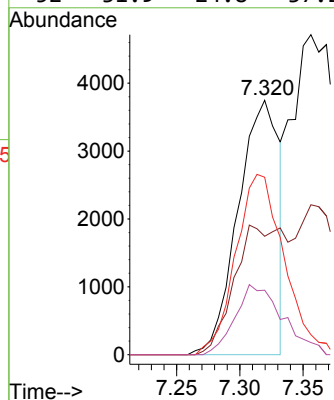
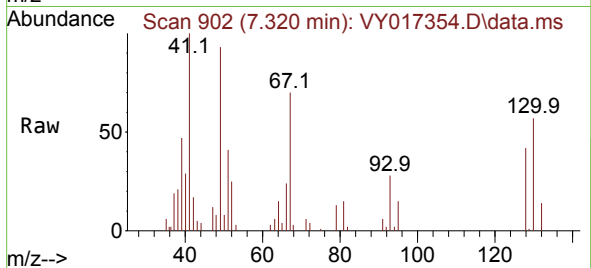




#41
Methacrylonitrile
Concen: 24.250 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

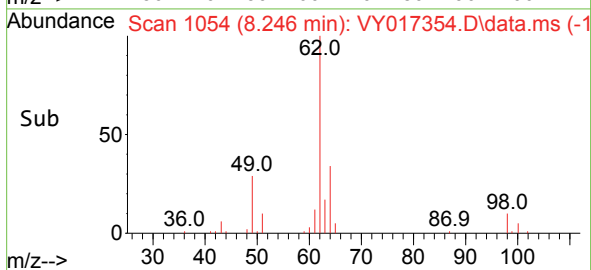
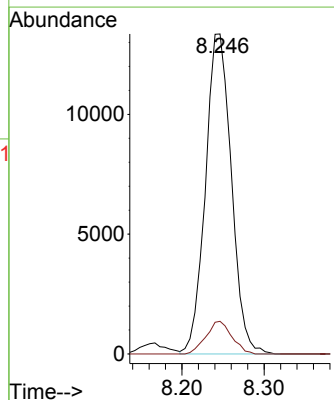
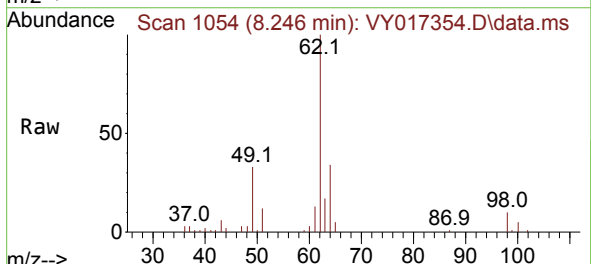
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

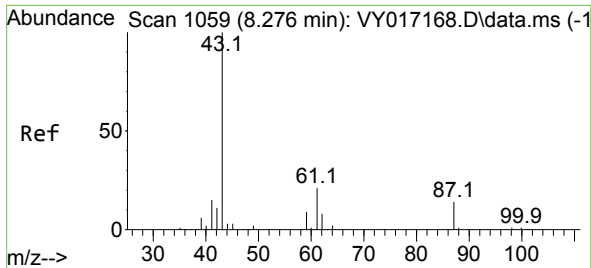
Tgt Ion:	41	Resp:	8470
Ion	Ratio	Lower	Upper
41	100		
39	39.9	41.9	62.9#
67	83.2	59.8	89.6
52	31.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 24.346 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion:	62	Resp:	29258
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

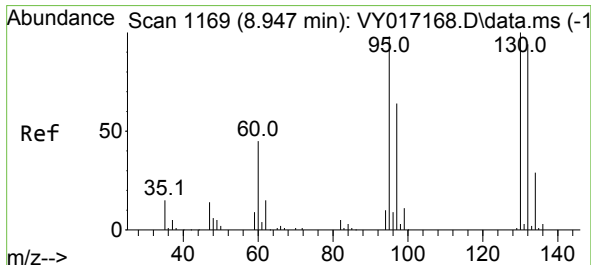
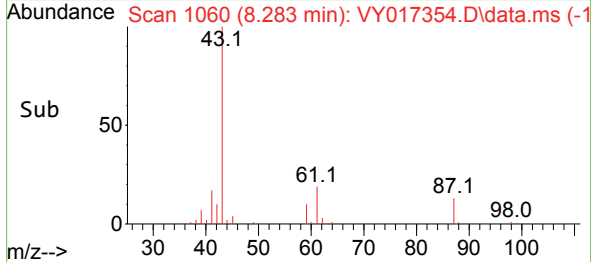
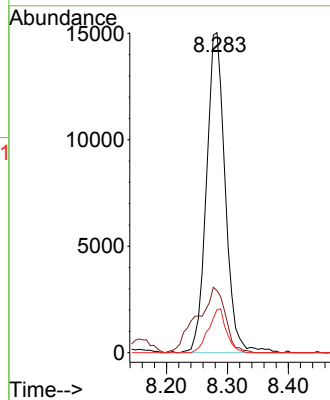
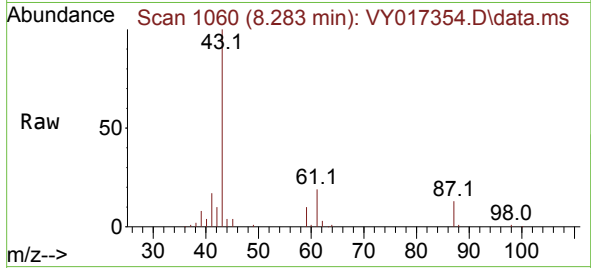




#43
Isopropyl Acetate
Concen: 24.562 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.007 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

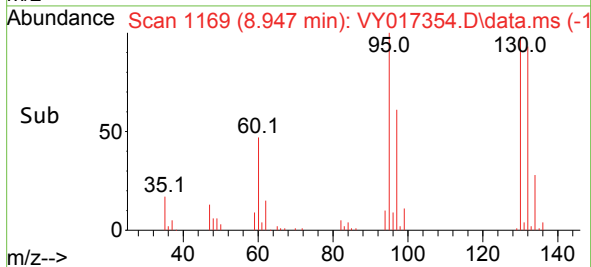
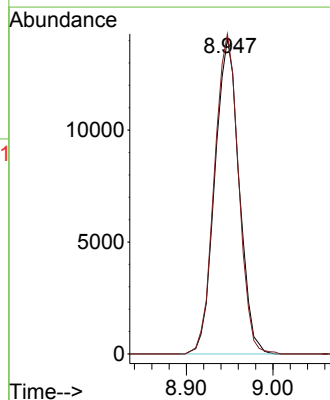
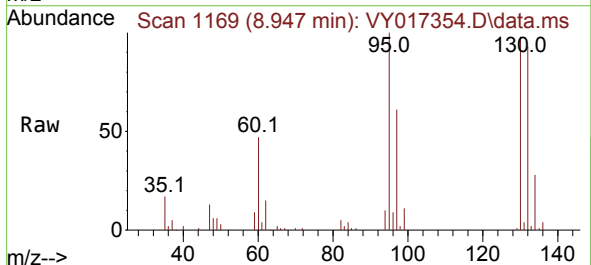
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

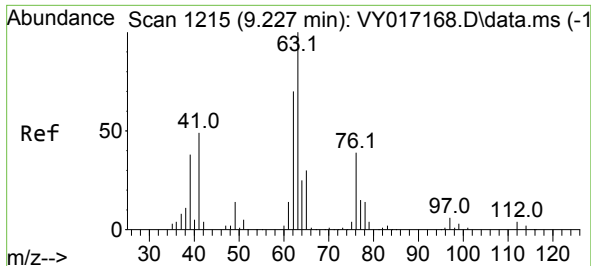
Tgt Ion: 43	Resp: 32053
Ion Ratio	Lower Upper
43 100	
61 30.9	24.8 37.2
87 13.0	10.7 16.1



#44
Trichloroethene
Concen: 23.727 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion:130	Resp: 27338
Ion Ratio	Lower Upper
130 100	
95 101.5	0.0 203.8





#45

1,2-Dichloropropane

Concen: 25.360 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

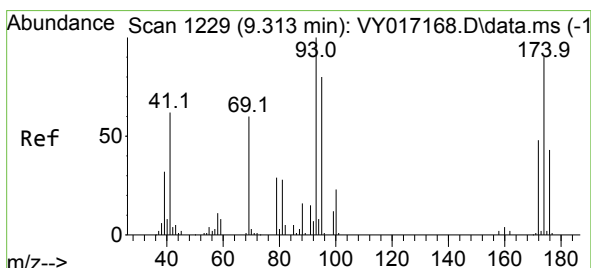
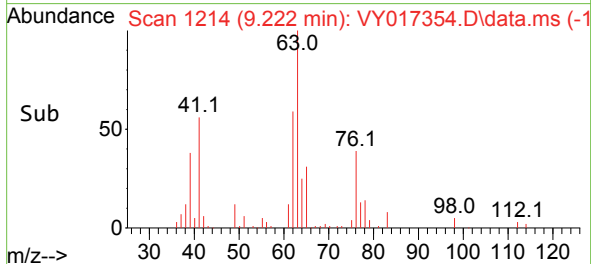
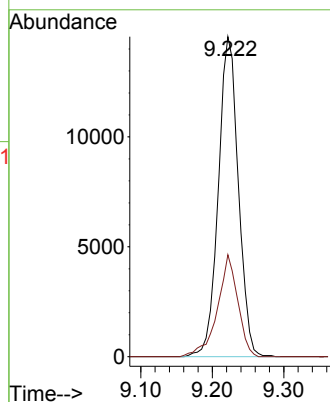
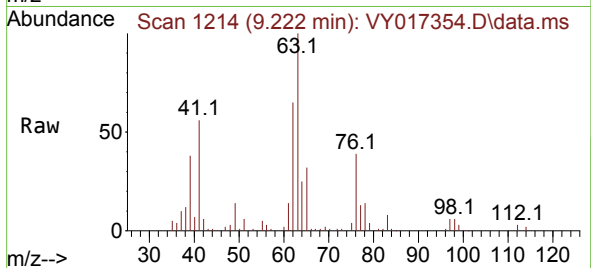
VY0212SBS02

Tgt Ion: 63 Resp: 28273

Ion Ratio Lower Upper

63 100

65 31.9 24.6 36.8



#46

Dibromomethane

Concen: 24.217 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

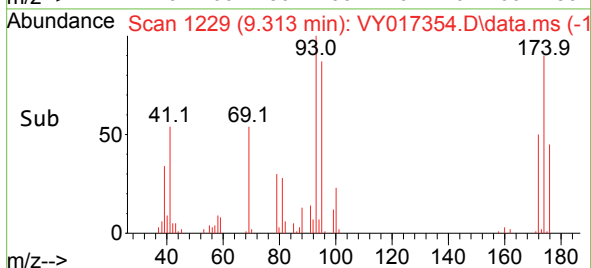
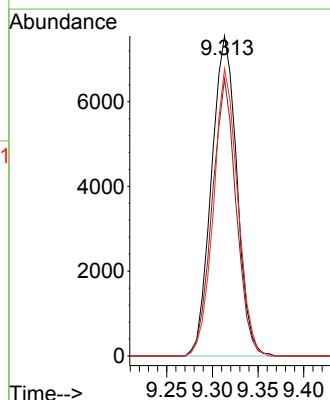
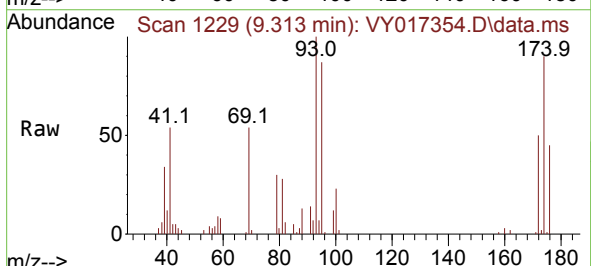
Tgt Ion: 93 Resp: 14584

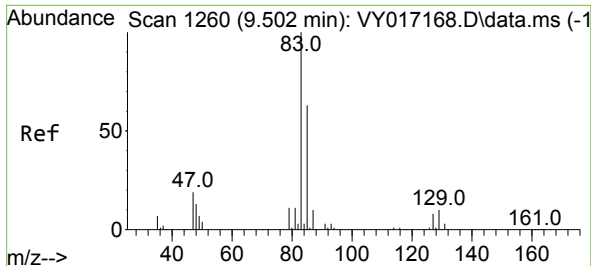
Ion Ratio Lower Upper

93 100

95 82.0 66.6 99.8

174 85.3 73.8 110.6





#47

Bromodichloromethane

Concen: 24.849 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

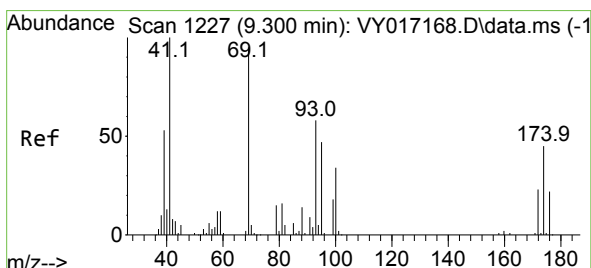
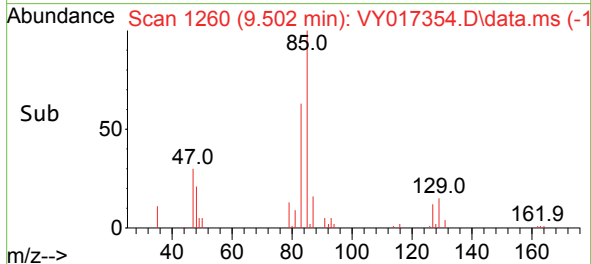
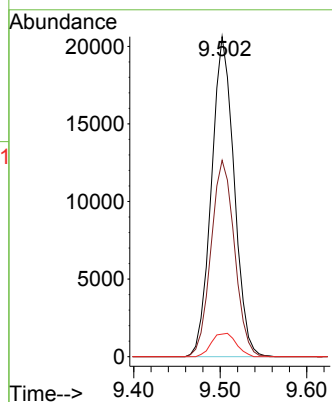
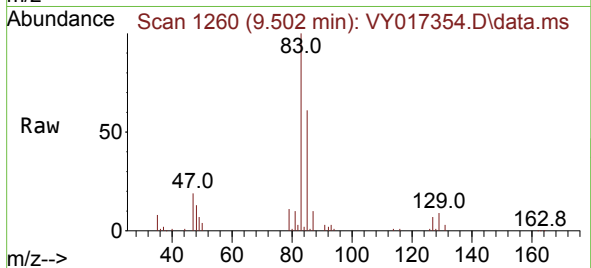
Tgt Ion: 83 Resp: 37451

Ion Ratio Lower Upper

83 100

85 61.3 53.2 79.8

127 7.1 6.4 9.6



#48

Methyl methacrylate

Concen: 22.648 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

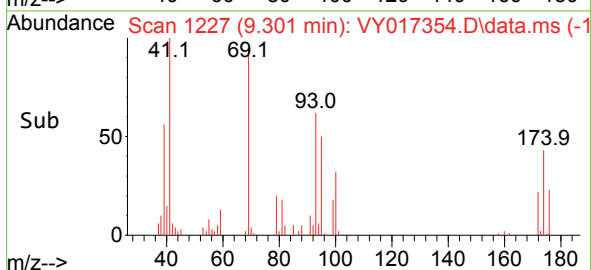
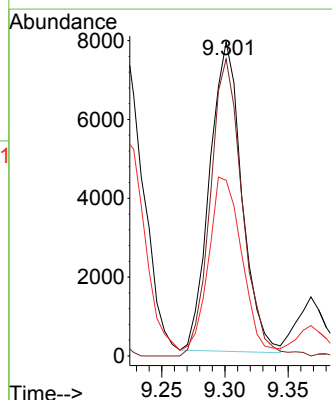
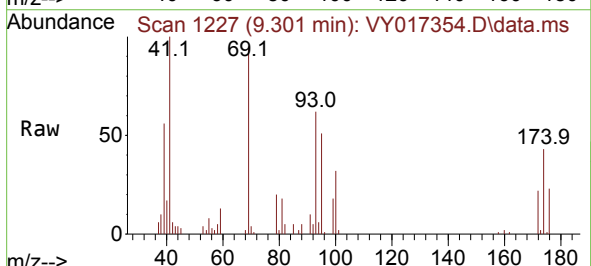
Tgt Ion: 41 Resp: 13863

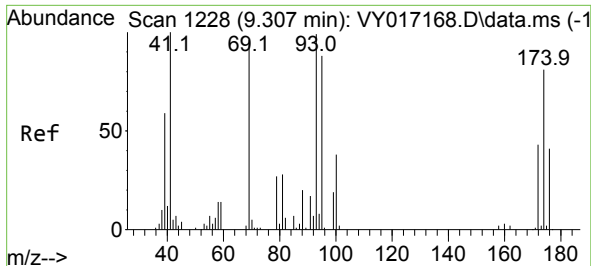
Ion Ratio Lower Upper

41 100

69 95.3 72.1 108.1

39 61.2 42.8 64.2





#49

1,4-Dioxane

Concen: 494.281 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.013 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

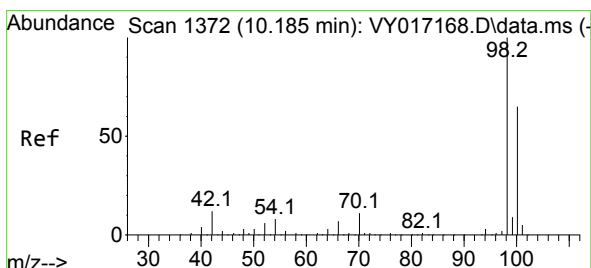
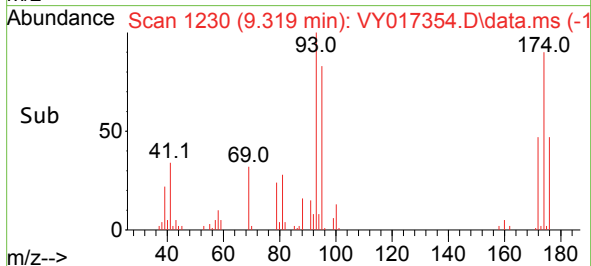
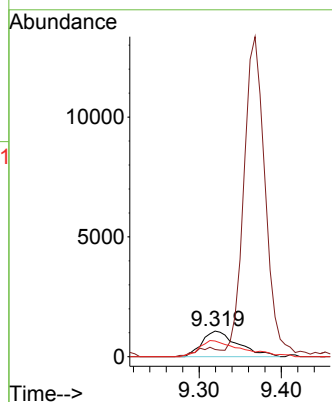
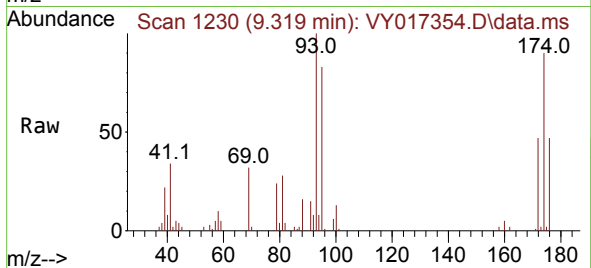
Tgt Ion: 88 Resp: 3240

Ion Ratio Lower Upper

88 100

43 23.3 28.2 42.4#

58 74.0 52.2 78.2



#50

Toluene-d8

Concen: 52.706 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017354.D

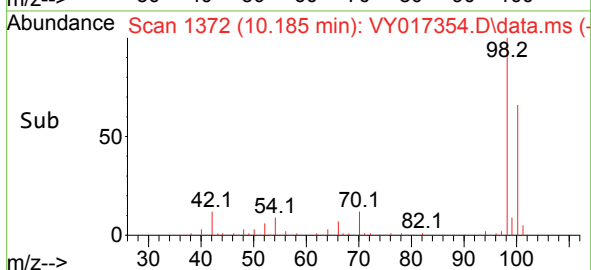
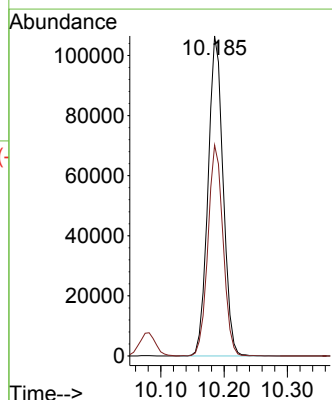
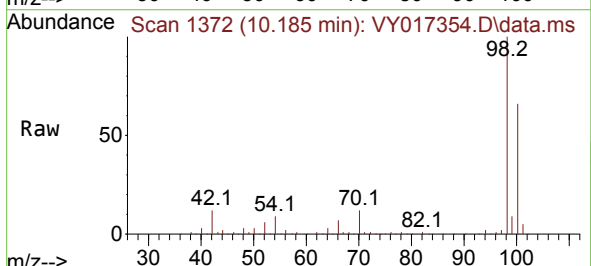
Acq: 12 Feb 2024 15:33

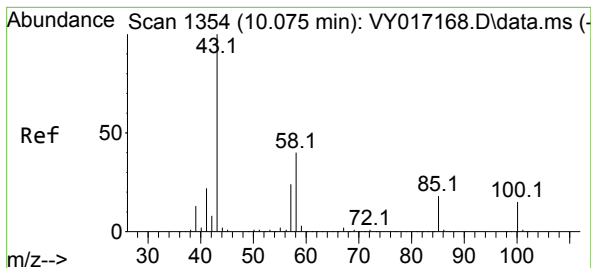
Tgt Ion: 98 Resp: 176823

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5

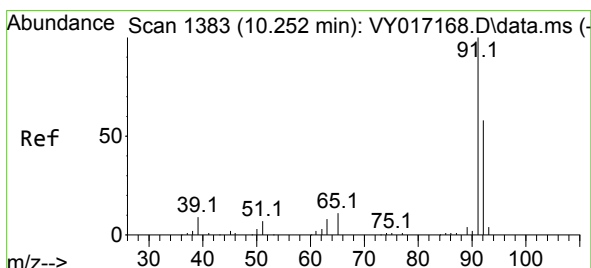
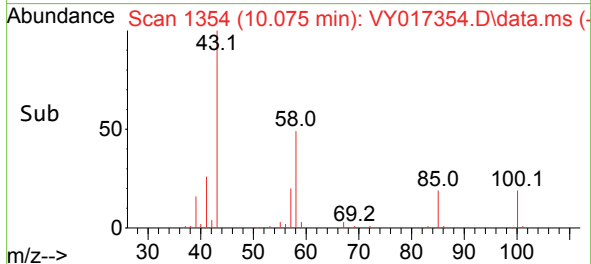
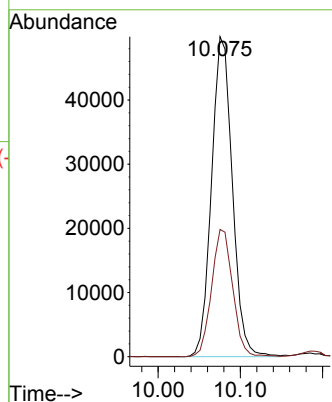
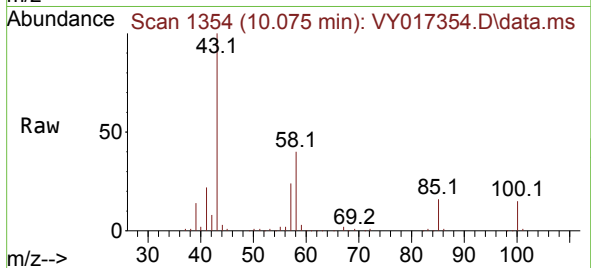




#51
4-Methyl-2-Pentanone
Concen: 125.519 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

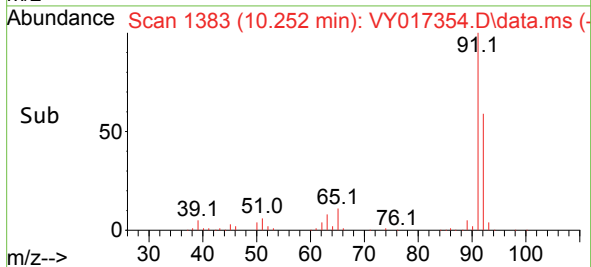
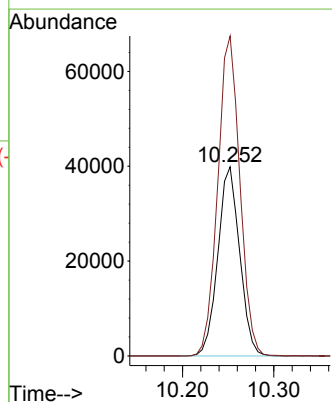
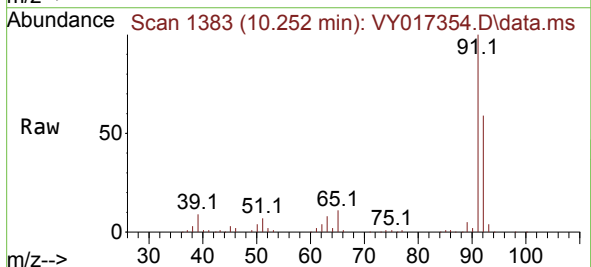
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

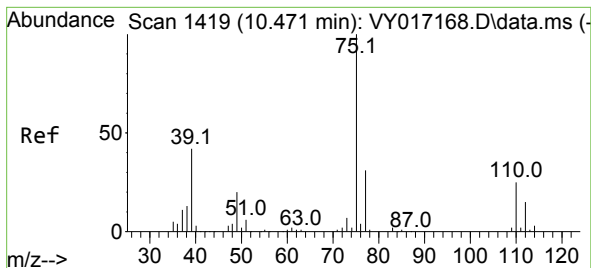
Tgt Ion: 43 Resp: 87804
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#52
Toluene
Concen: 24.114 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 92 Resp: 66065
Ion Ratio Lower Upper
92 100
91 171.9 137.6 206.4

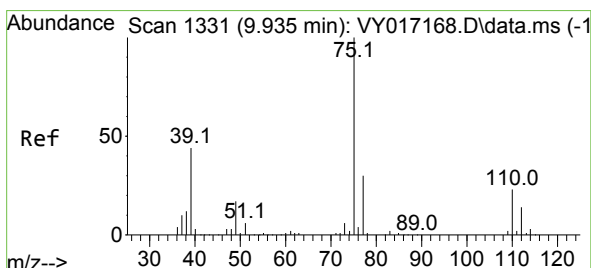
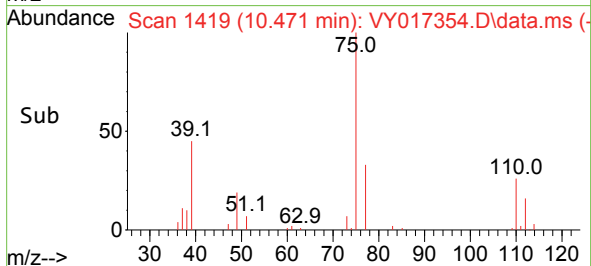
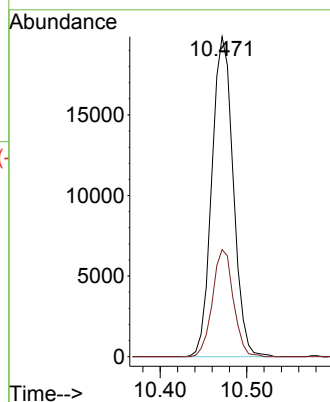
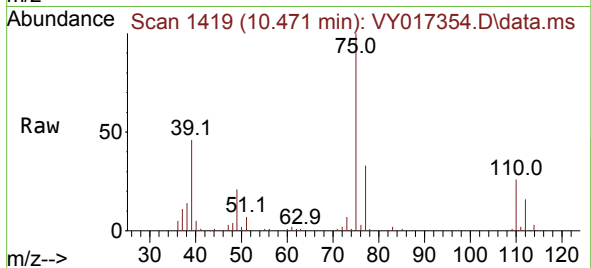




#53
 t-1,3-Dichloropropene
 Concen: 24.067 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017354.D
 Acq: 12 Feb 2024 15:33

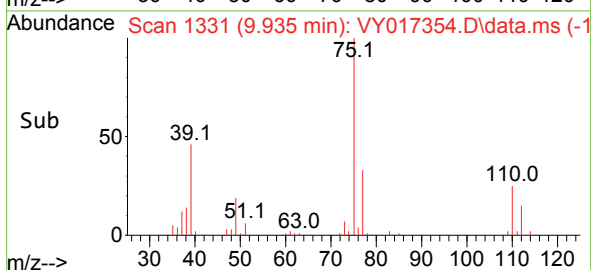
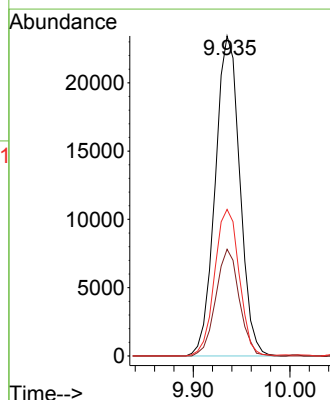
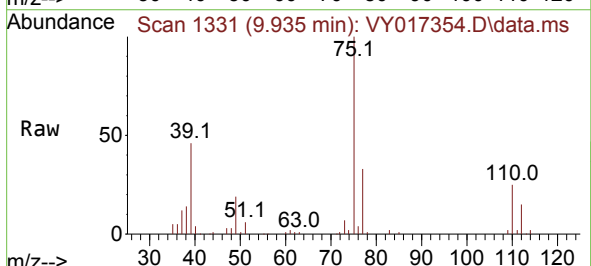
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBS02

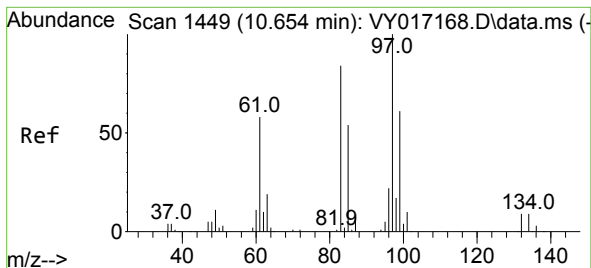
Tgt Ion: 75 Resp: 34072
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 24.414 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017354.D
 Acq: 12 Feb 2024 15:33

Tgt Ion: 75 Resp: 41398
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.6 36.8
 39 45.8 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 25.052 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

Tgt Ion: 97 Resp: 20527

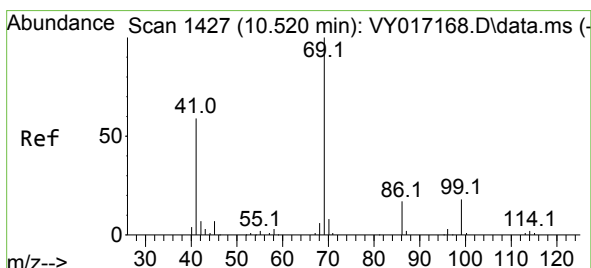
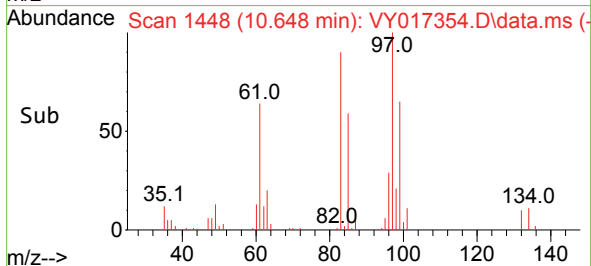
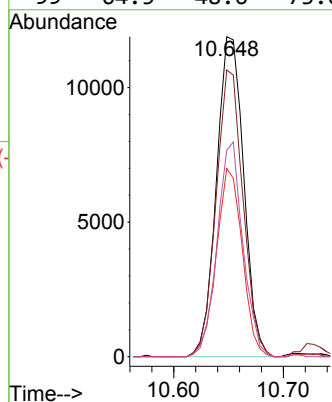
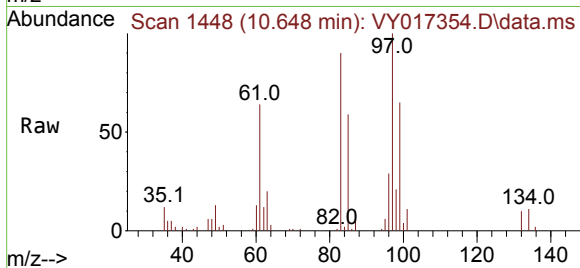
Ion Ratio Lower Upper

97 100

83 89.6 69.4 104.2

85 58.8 43.9 65.9

99 64.5 48.6 73.0



#56

Ethyl methacrylate

Concen: 24.679 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

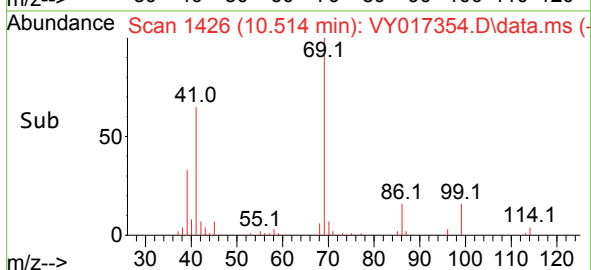
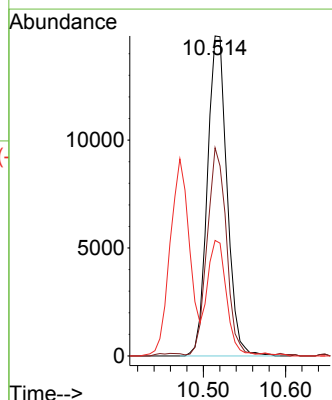
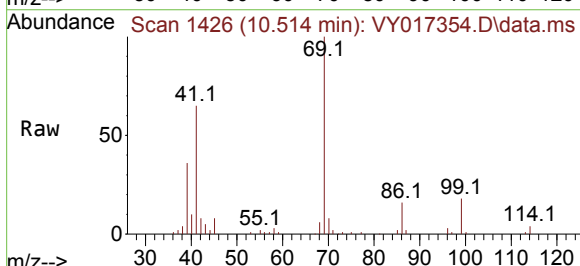
Tgt Ion: 69 Resp: 24600

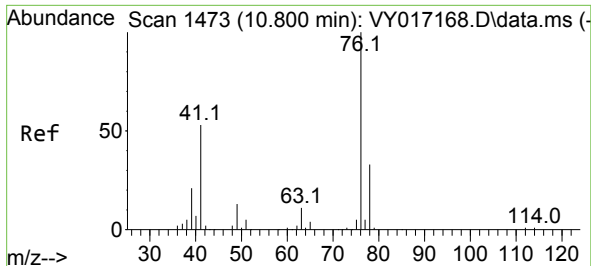
Ion Ratio Lower Upper

69 100

41 63.2 49.2 73.8

39 33.8 26.8 40.2

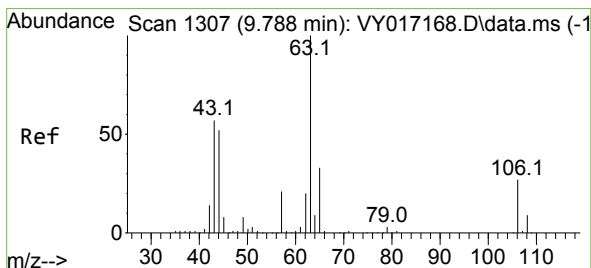
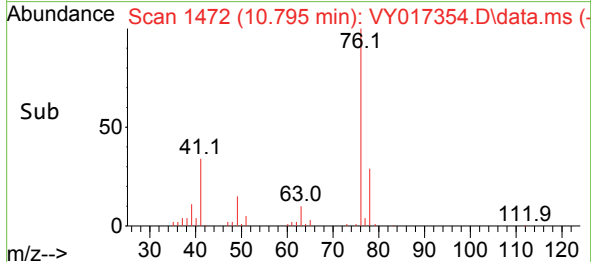
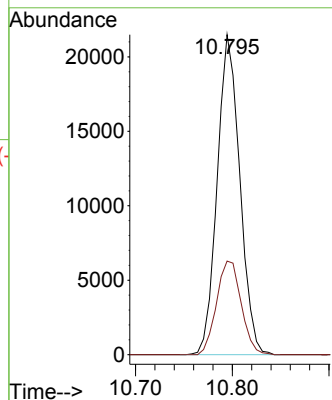
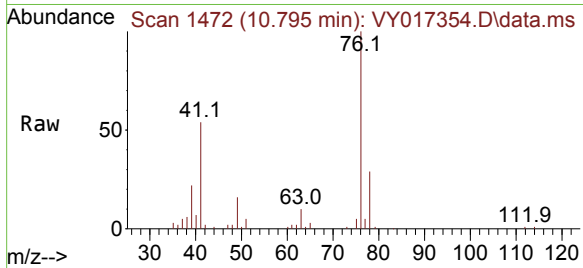




#57
1,3-Dichloropropane
Concen: 24.699 ug/l
RT: 10.795 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

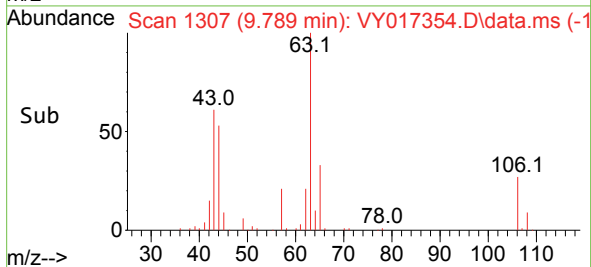
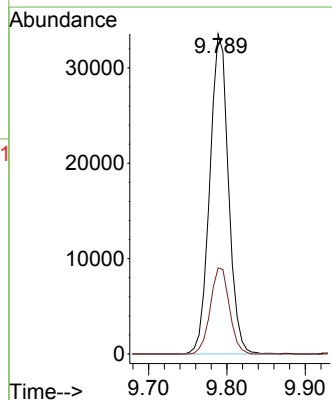
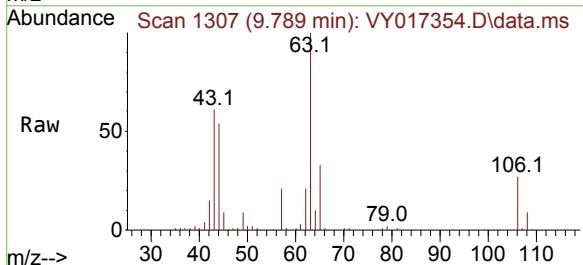
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

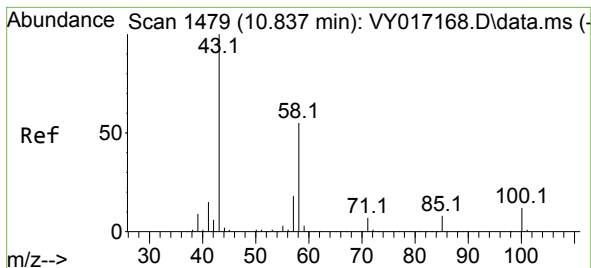
Tgt Ion: 76 Resp: 34808
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 108.591 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 63 Resp: 55431
Ion Ratio Lower Upper
63 100
106 27.5 22.4 33.6

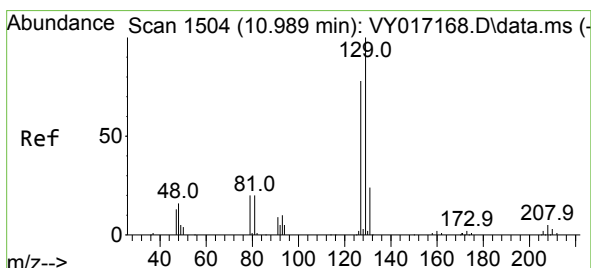
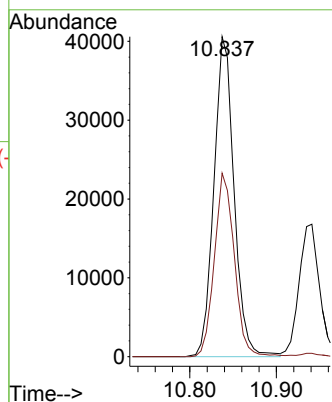
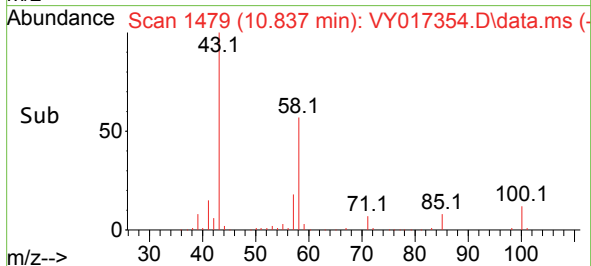
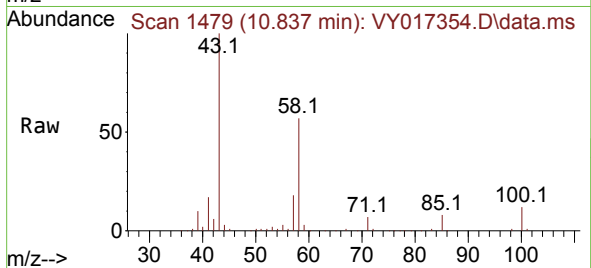




#59
2-Hexanone
Concen: 129.660 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

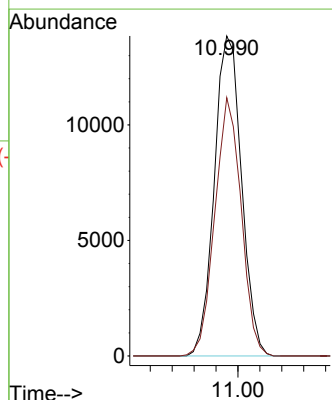
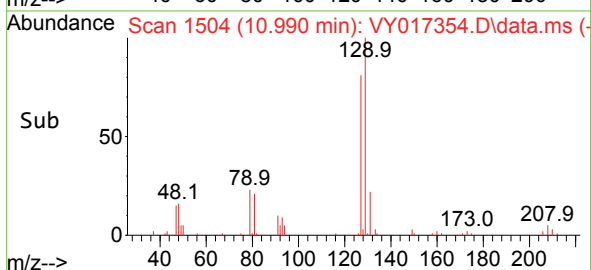
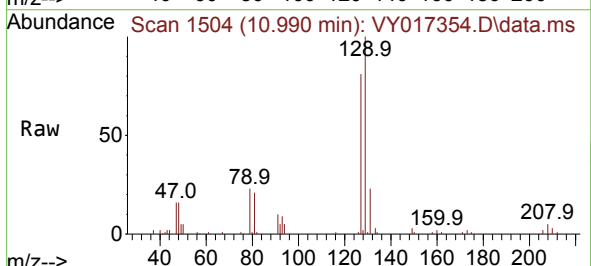
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

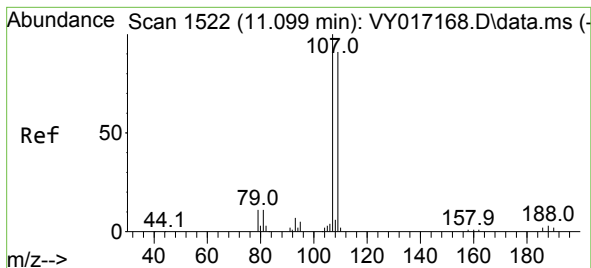
Tgt Ion: 43 Resp: 65586
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3



#60
Dibromochloromethane
Concen: 24.886 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion:129 Resp: 23921
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6

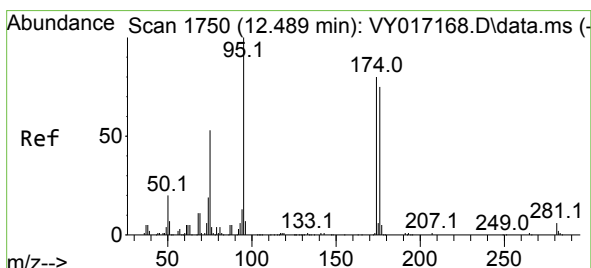
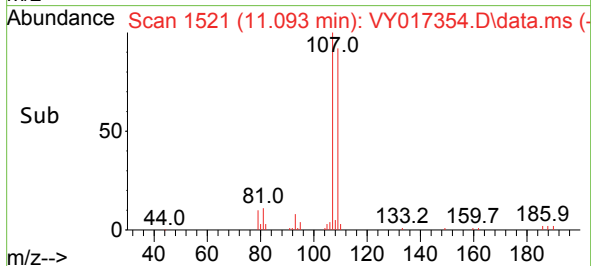
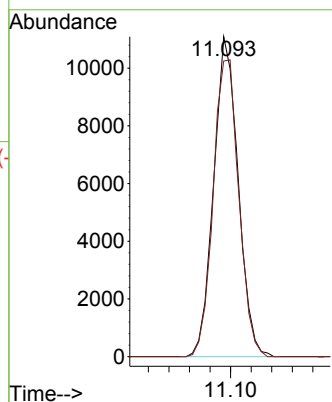
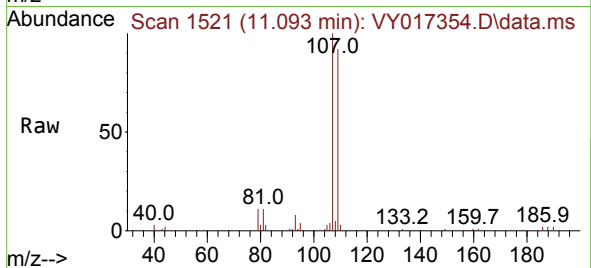




#61
1,2-Dibromoethane
Concen: 24.038 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

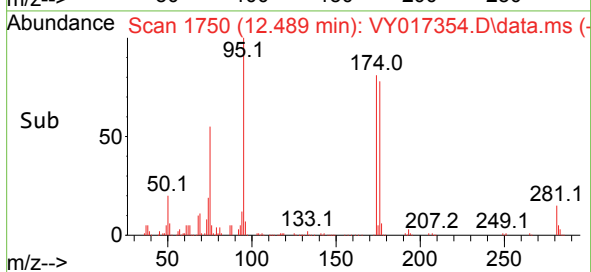
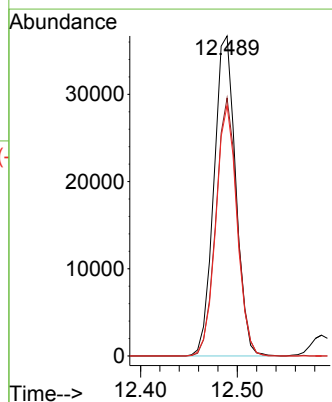
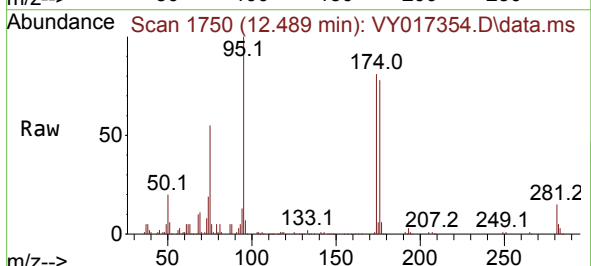
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

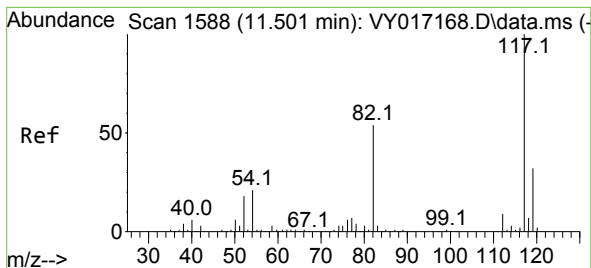
Tgt Ion:107 Resp: 18318
Ion Ratio Lower Upper
107 100
109 97.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.137 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 95 Resp: 57298
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 76.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

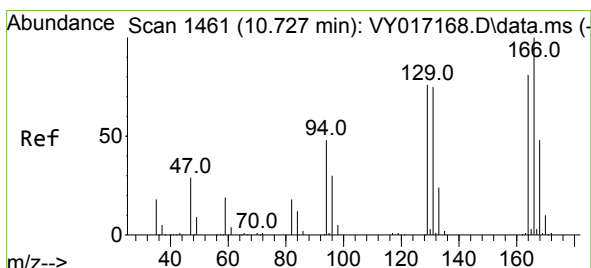
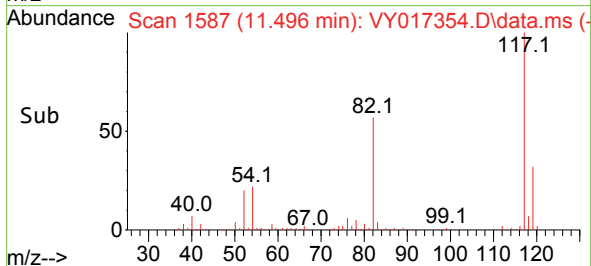
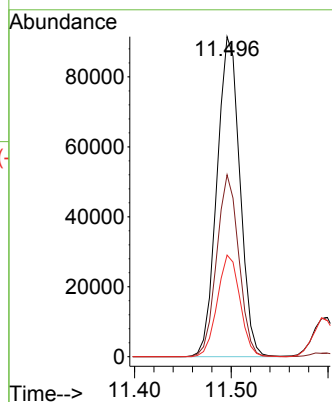
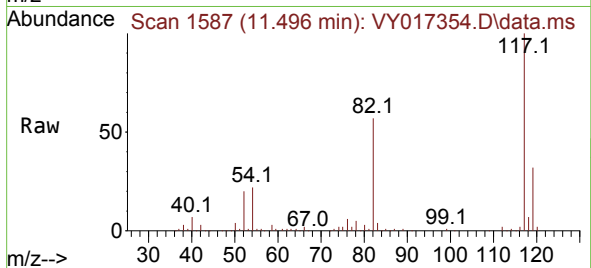
Tgt Ion:117 Resp: 150202

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 31.7 26.5 39.7



#64

Tetrachloroethene

Concen: 23.503 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Tgt Ion:164 Resp: 22927

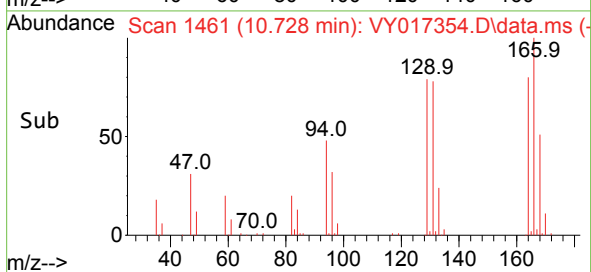
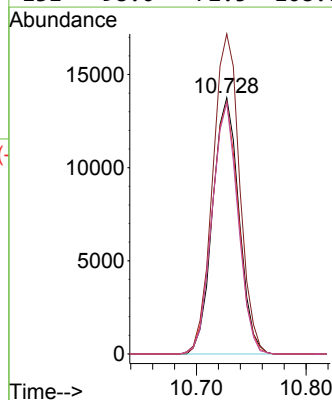
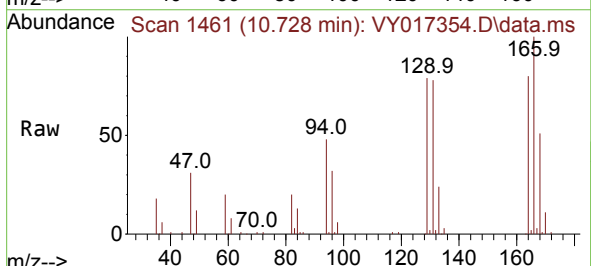
Ion Ratio Lower Upper

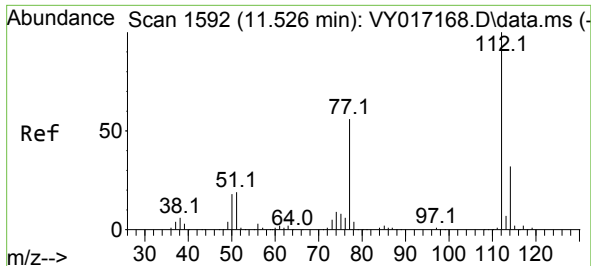
164 100

166 124.9 98.8 148.2

129 98.4 78.9 118.3

131 98.0 72.5 108.7

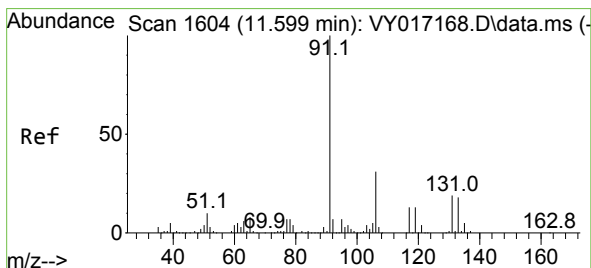
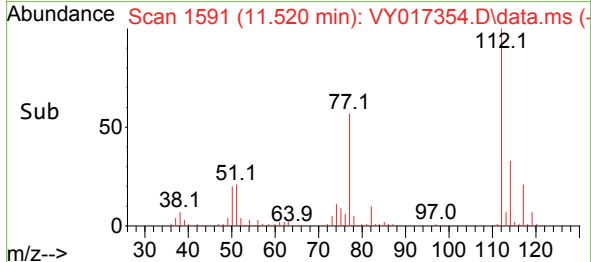
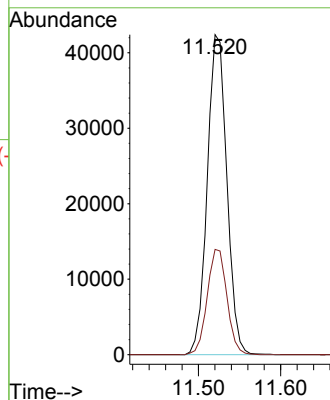
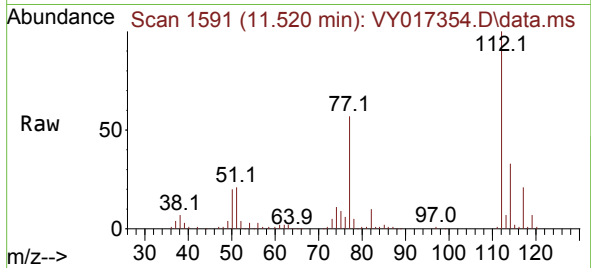




#65
Chlorobenzene
Concen: 24.188 ug/l
RT: 11.520 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

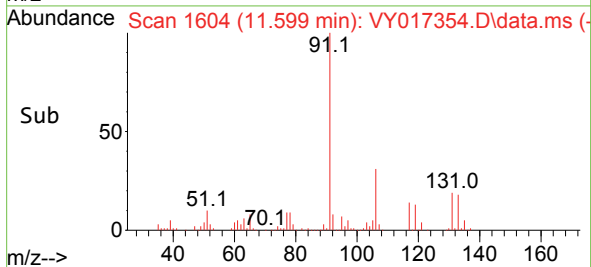
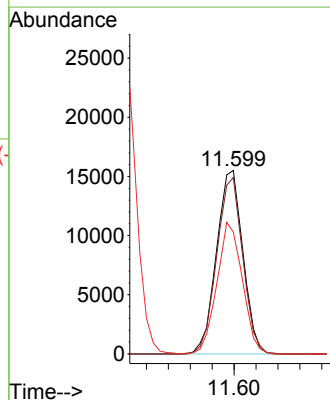
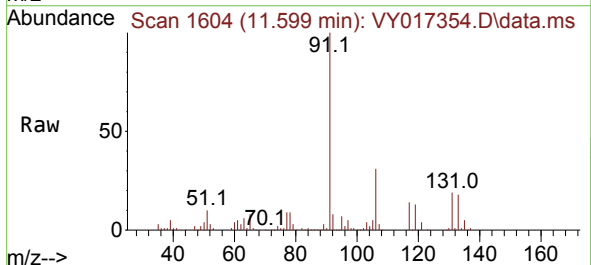
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

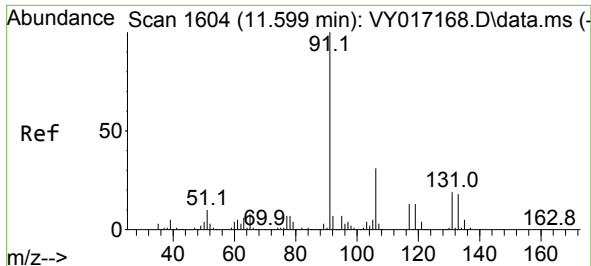
Tgt Ion:112 Resp: 70084
Ion Ratio Lower Upper
112 100
114 32.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 24.621 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion:131 Resp: 25926
Ion Ratio Lower Upper
131 100
133 94.7 47.0 141.0
119 69.2 33.3 99.9





#67

Ethyl Benzene

Concen: 24.228 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

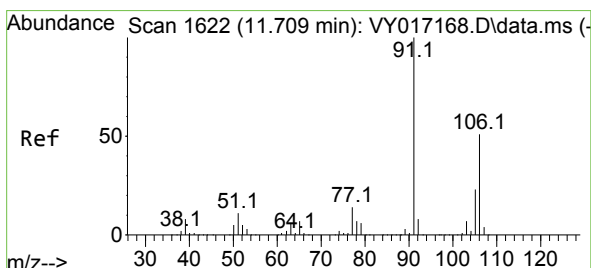
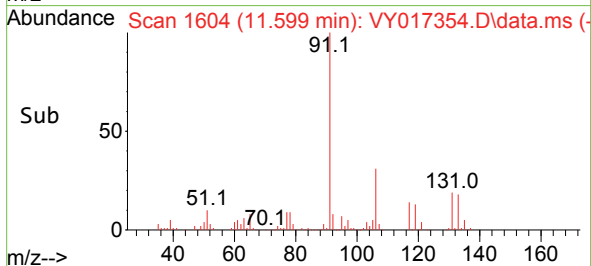
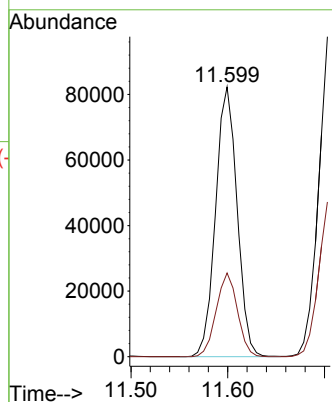
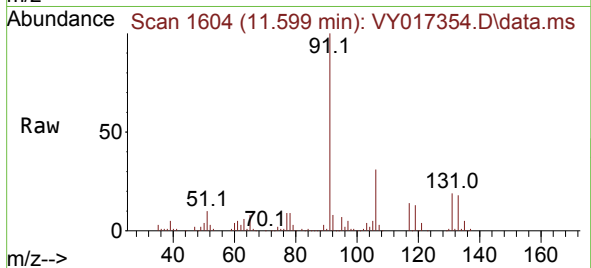
VY0212SBS02

Tgt Ion: 91 Resp: 126873

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 47.732 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017354.D

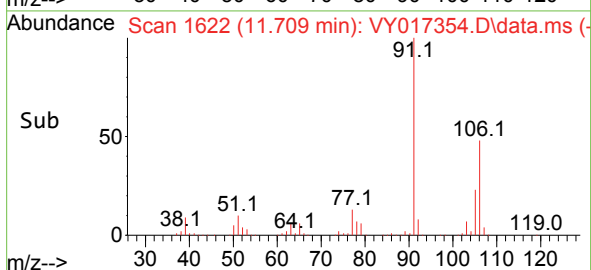
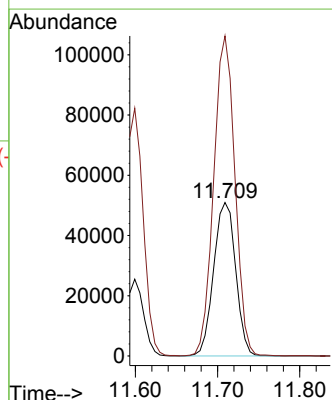
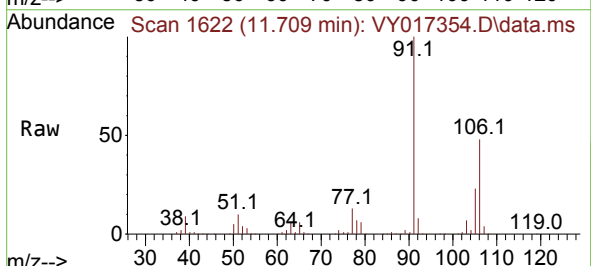
Acq: 12 Feb 2024 15:33

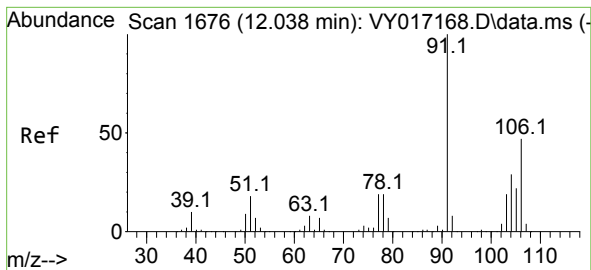
Tgt Ion: 106 Resp: 94857

Ion Ratio Lower Upper

106 100

91 201.1 160.7 241.1





#69

o-Xylene

Concen: 24.675 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

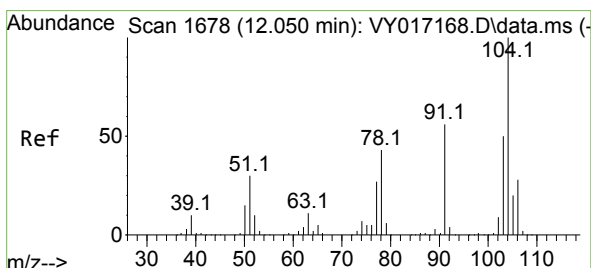
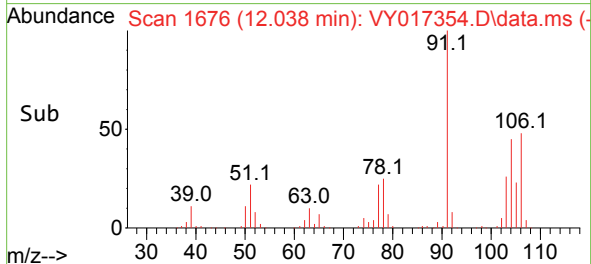
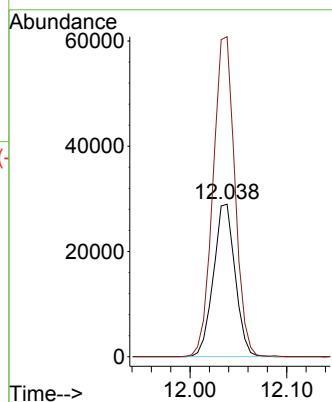
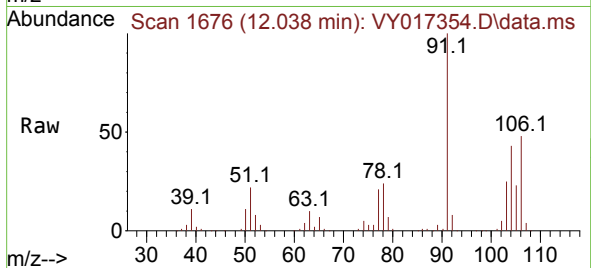
VY0212SBS02

Tgt Ion:106 Resp: 45158

Ion Ratio Lower Upper

106 100

91 211.0 106.5 319.5



#70

Styrene

Concen: 24.803 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

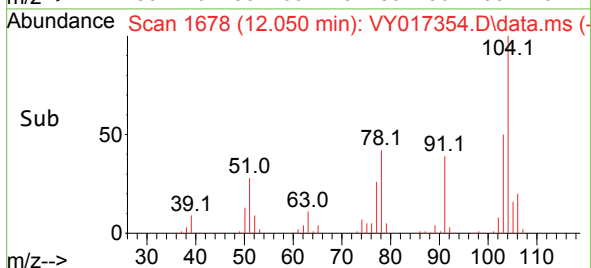
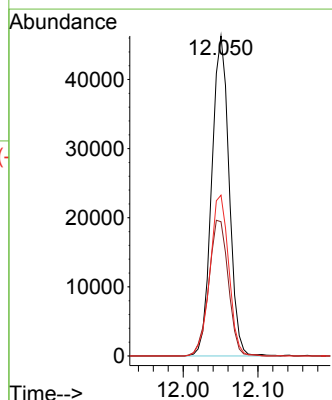
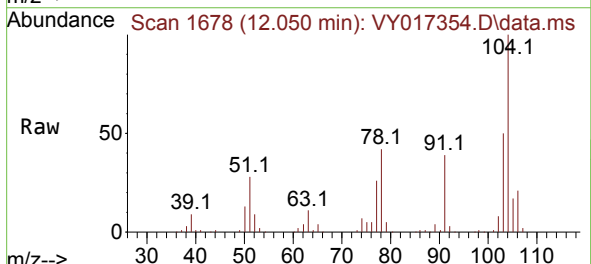
Tgt Ion:104 Resp: 74790

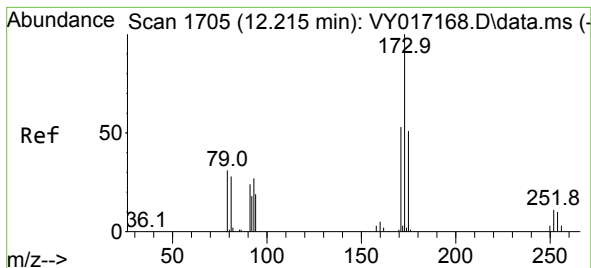
Ion Ratio Lower Upper

104 100

78 47.7 39.2 58.8

103 54.3 43.8 65.6





#71

Bromoform

Concen: 24.479 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

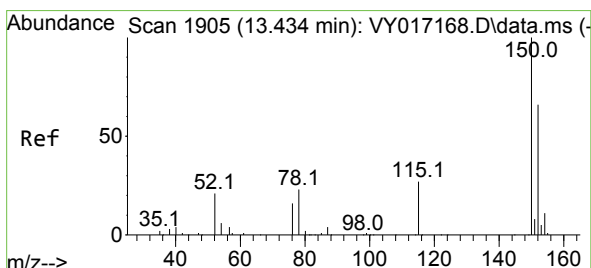
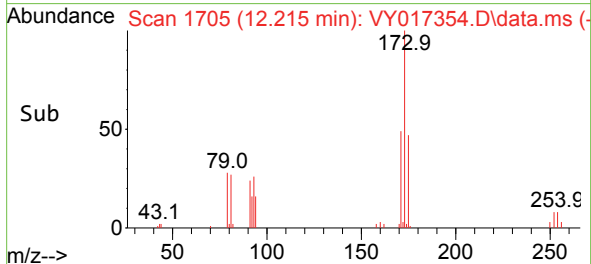
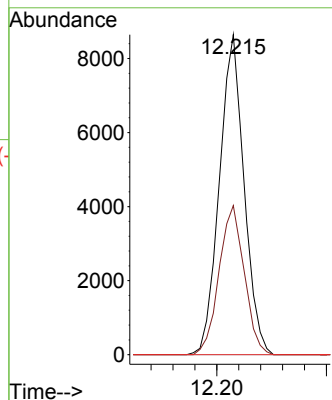
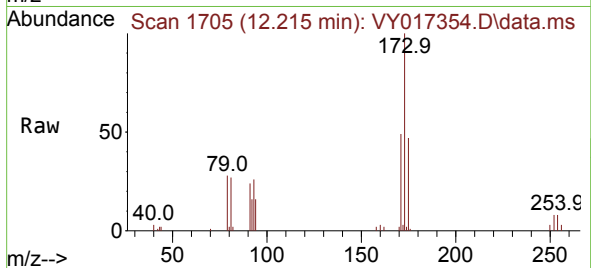
Tgt Ion:173 Resp: 13499

Ion Ratio Lower Upper

173 100

175 47.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

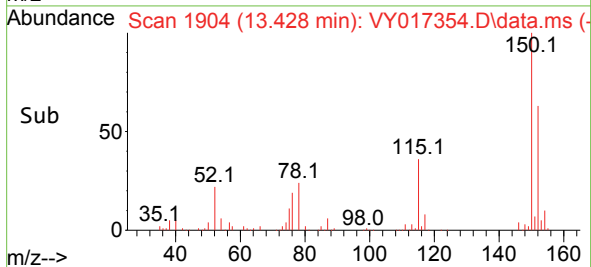
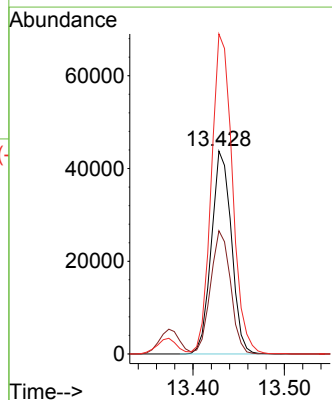
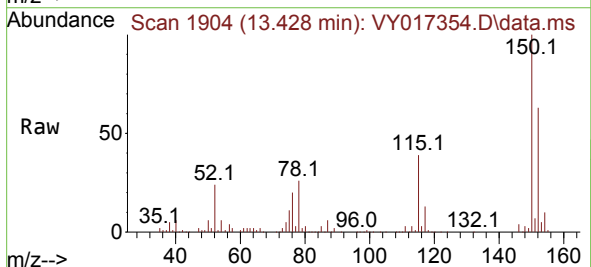
Tgt Ion:152 Resp: 66524

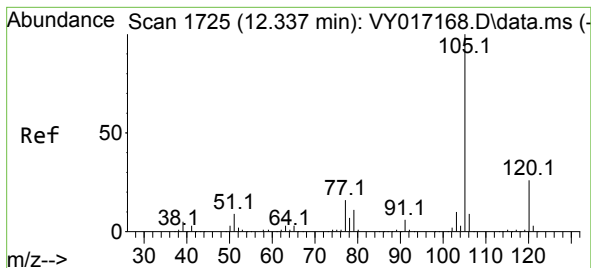
Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 166.0 0.0 344.6





#73

Isopropylbenzene

Concen: 24.505 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

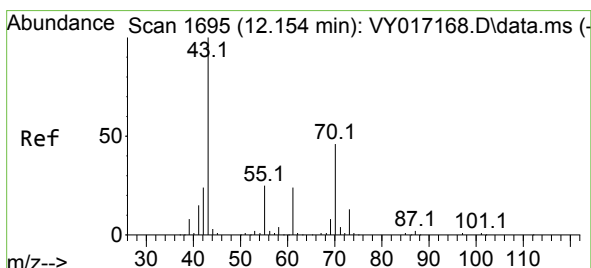
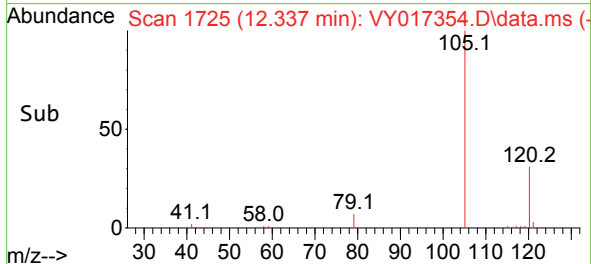
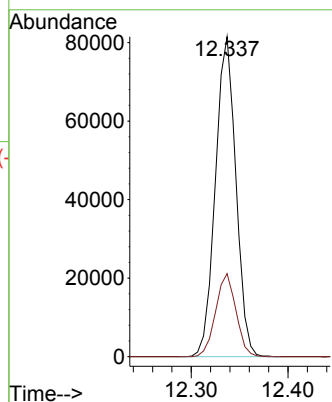
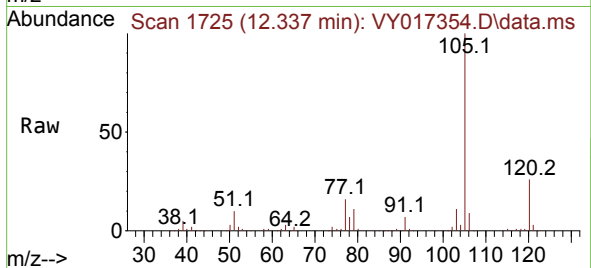
VY0212SBS02

Tgt Ion:105 Resp: 119757

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-ethyl acetate

Concen: 26.193 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Tgt Ion: 43 Resp: 28763

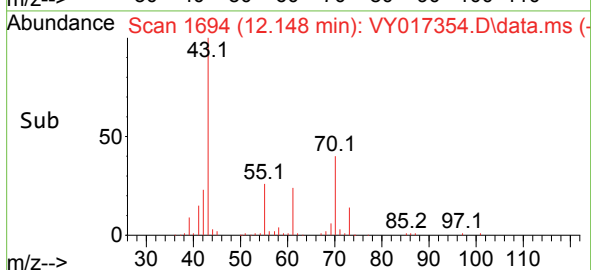
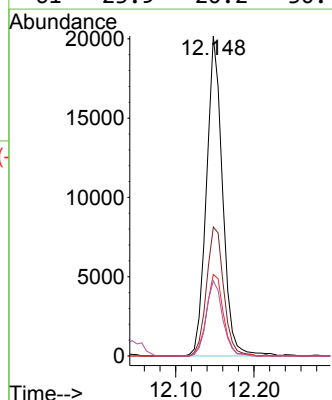
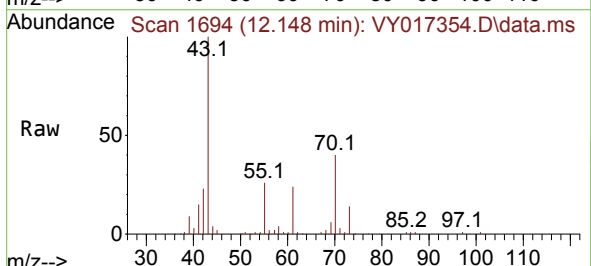
Ion Ratio Lower Upper

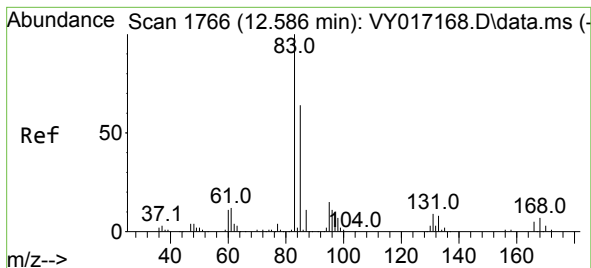
43 100

70 42.9 36.6 55.0

55 26.7 22.2 33.4

61 23.9 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 24.674 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

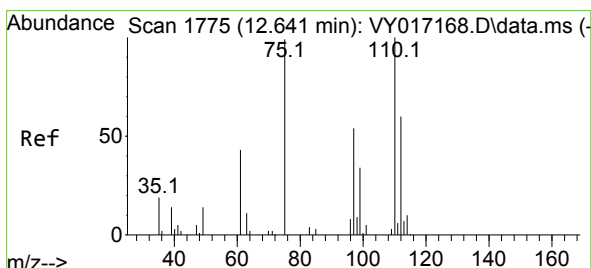
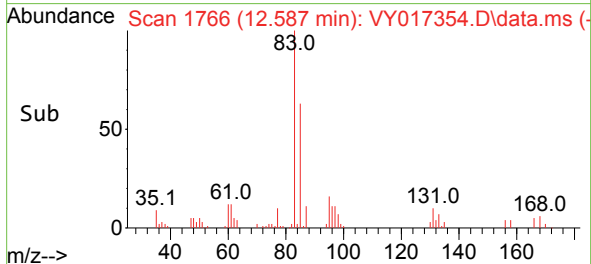
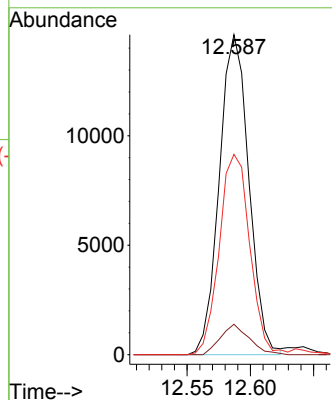
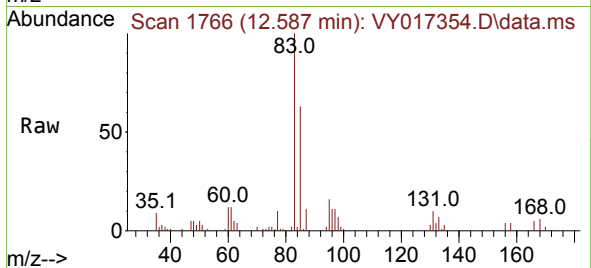
Tgt Ion: 83 Resp: 23717

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 64.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 46.962 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY017354.D

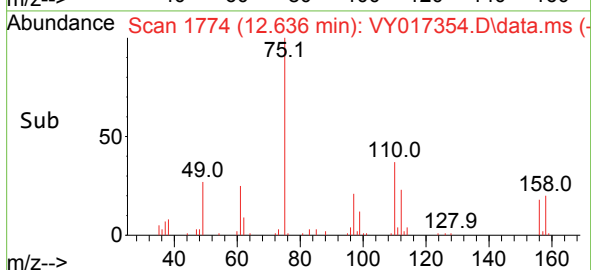
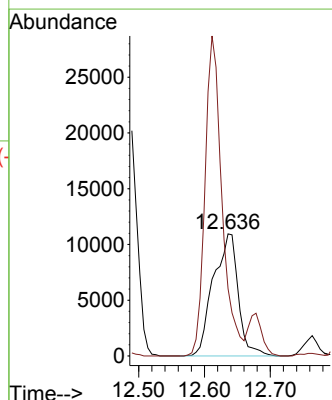
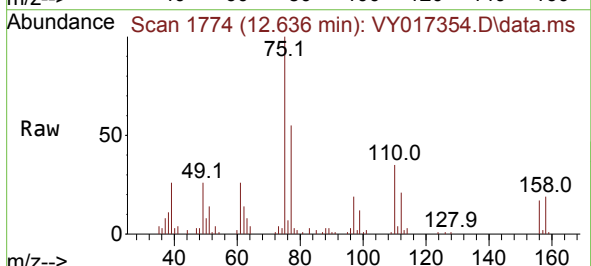
Acq: 12 Feb 2024 15:33

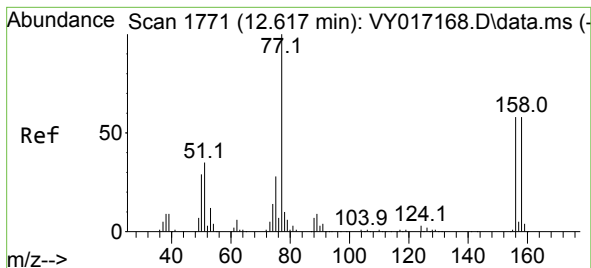
Tgt Ion: 75 Resp: 28835

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.672 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

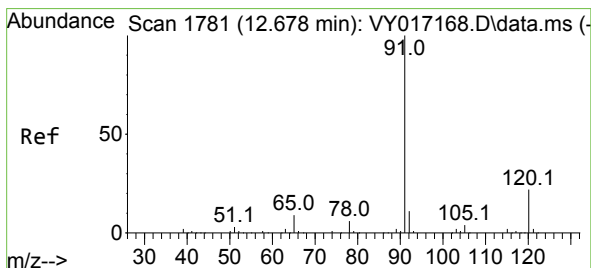
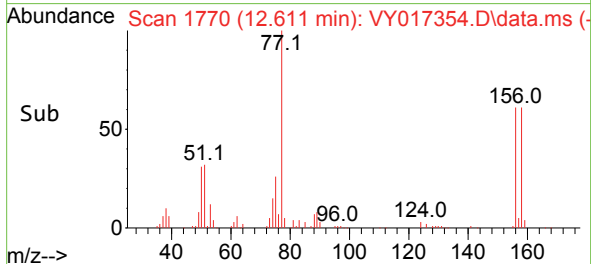
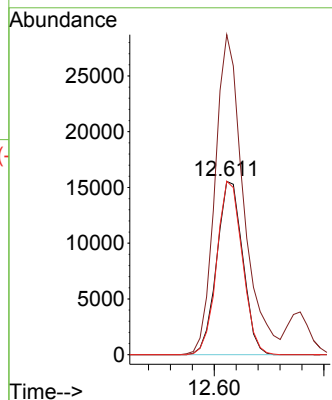
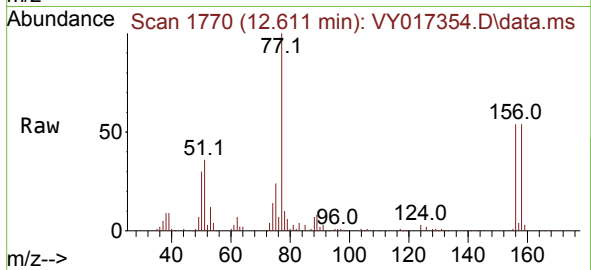
Tgt Ion:156 Resp: 25661

Ion Ratio Lower Upper

156 100

77 202.2 97.3 291.8

158 98.5 48.4 145.0



#78

n-propylbenzene

Concen: 25.333 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017354.D

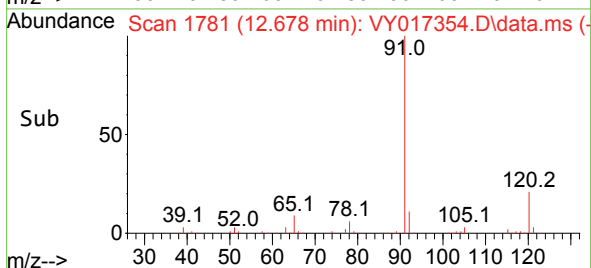
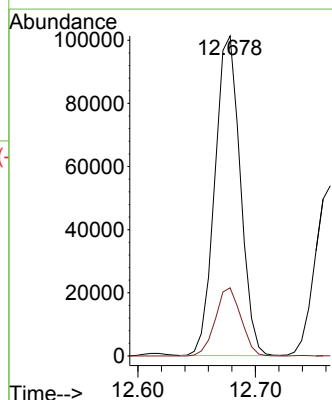
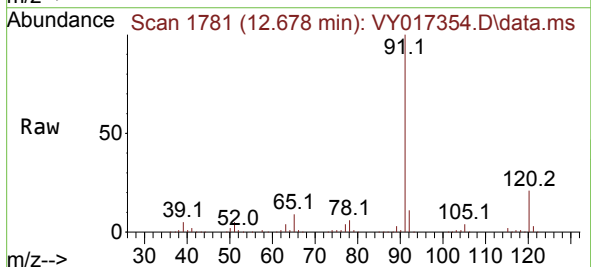
Acq: 12 Feb 2024 15:33

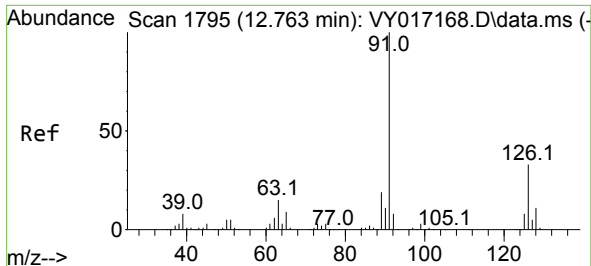
Tgt Ion: 91 Resp: 152053

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

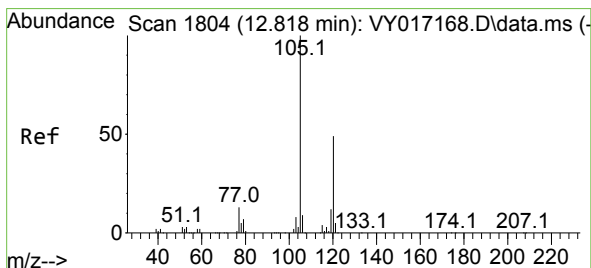
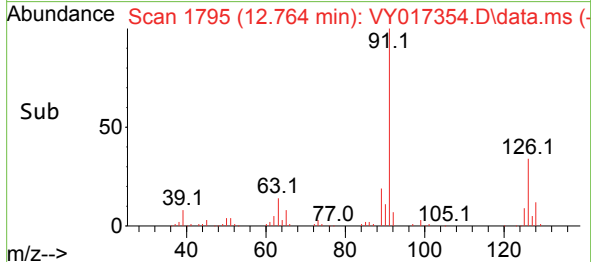
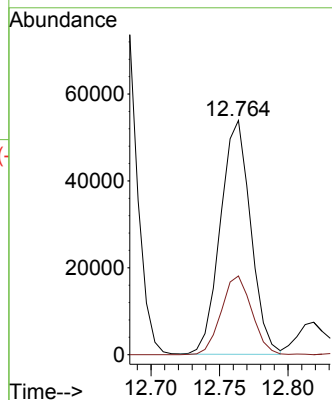
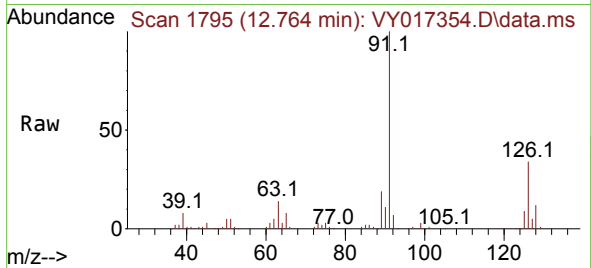




#79
2-Chlorotoluene
Concen: 25.168 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

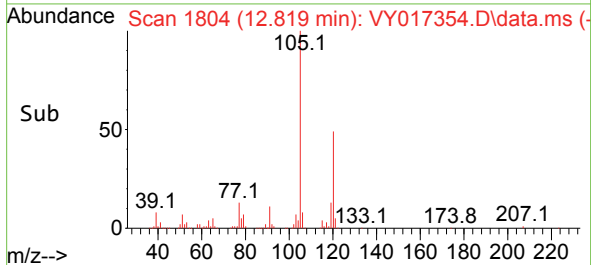
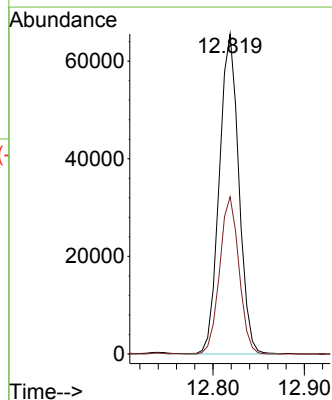
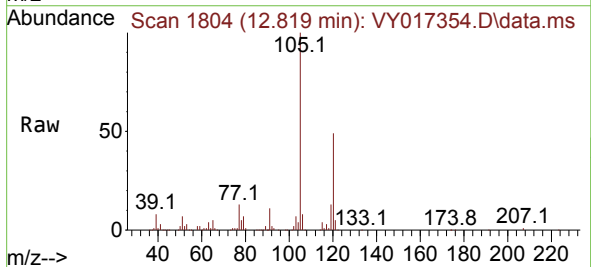
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

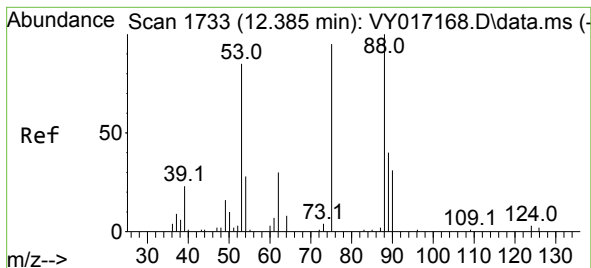
Tgt Ion: 91 Resp: 83052
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 25.070 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 105 Resp: 97441
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

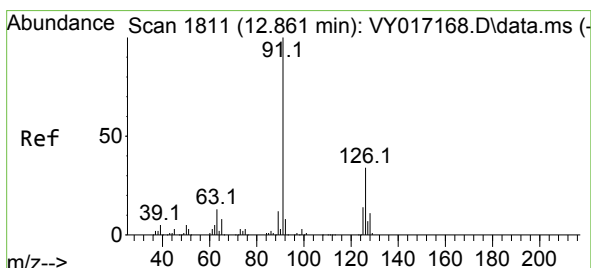
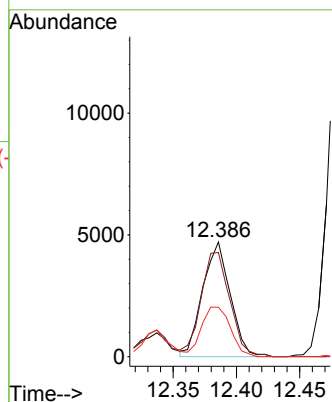
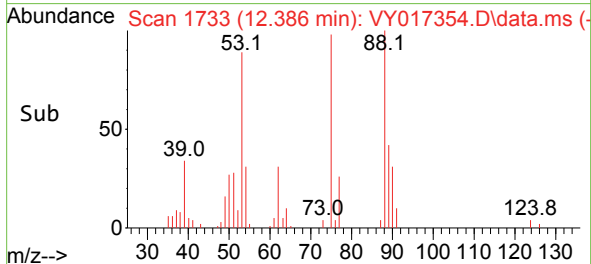
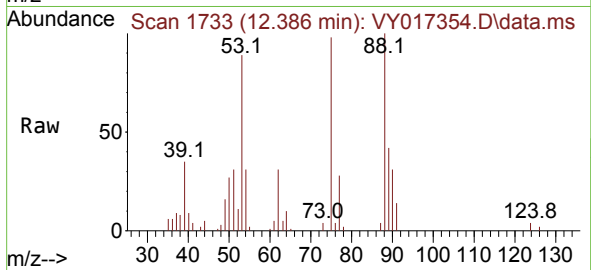




#81
trans-1,4-Dichloro-2-butene
Concen: 24.179 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

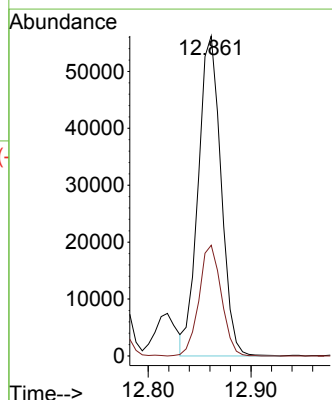
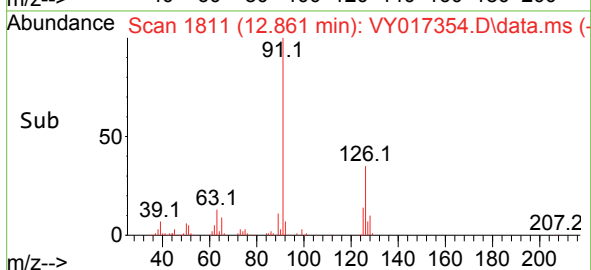
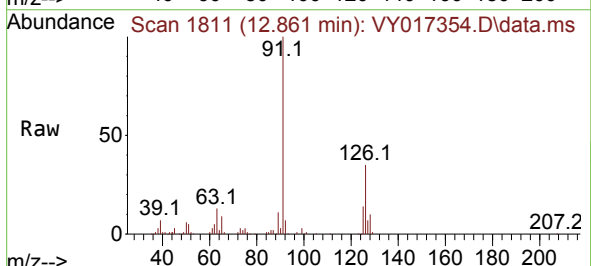
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

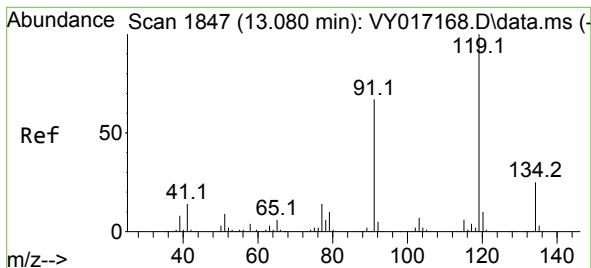
Tgt Ion: 75 Resp: 7145
Ion Ratio Lower Upper
75 100
53 95.4 74.0 111.0
89 45.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 25.550 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion: 91 Resp: 86774
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 25.275 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

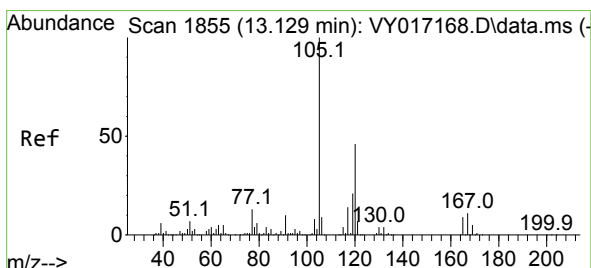
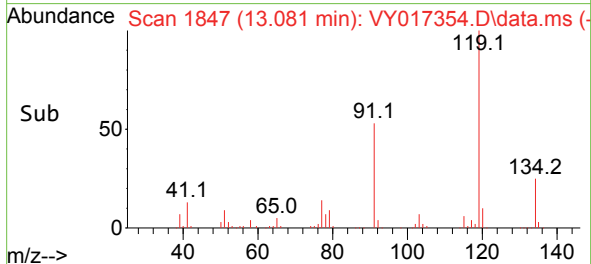
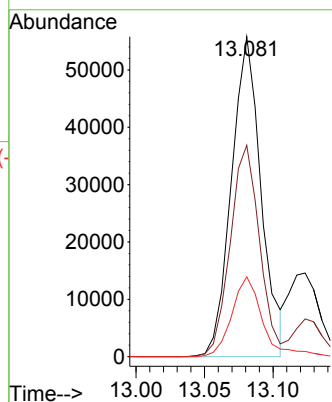
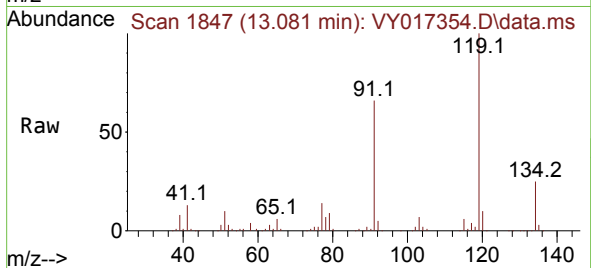
Tgt Ion:119 Resp: 84208

Ion Ratio Lower Upper

119 100

91 65.3 31.5 94.5

134 25.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 24.842 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017354.D

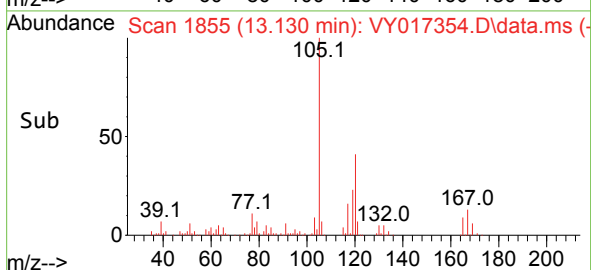
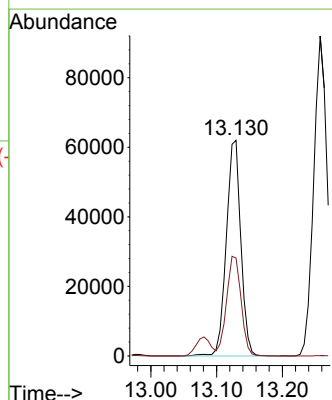
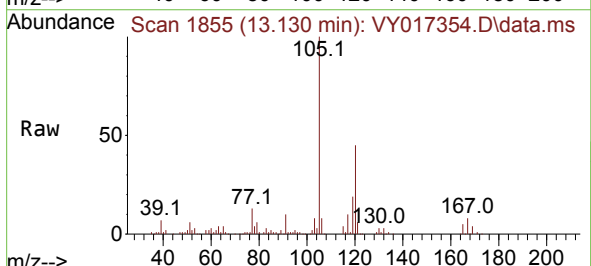
Acq: 12 Feb 2024 15:33

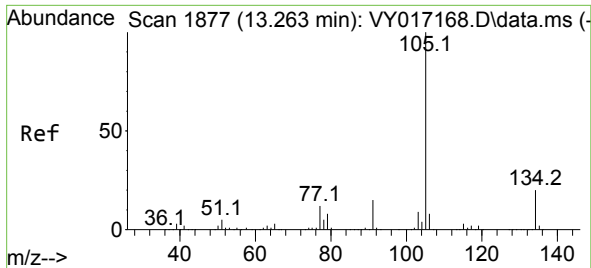
Tgt Ion:105 Resp: 95306

Ion Ratio Lower Upper

105 100

120 46.2 22.1 66.3

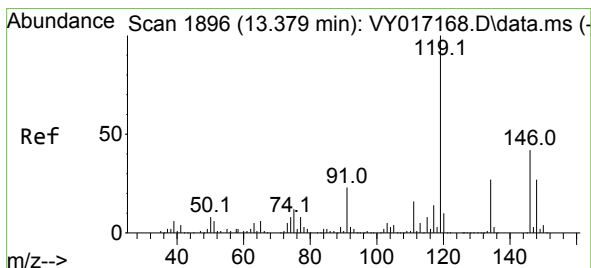
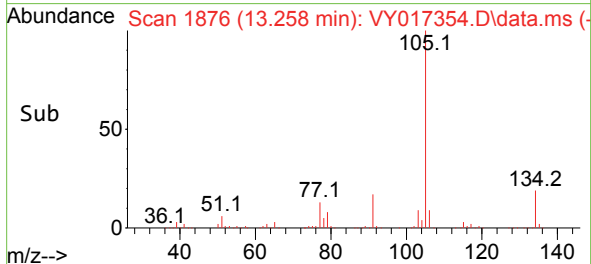
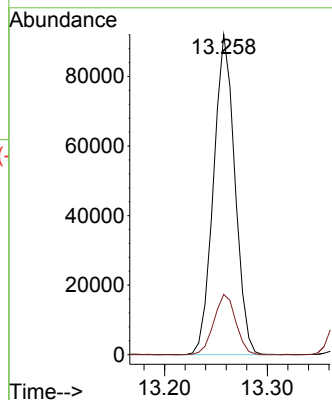
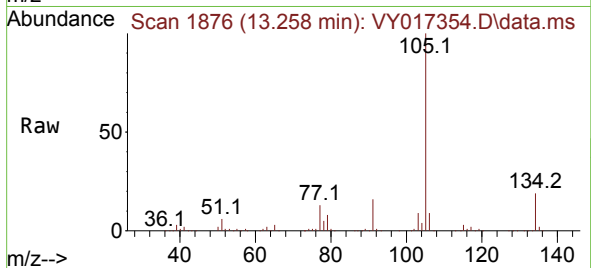




#85
sec-Butylbenzene
Concen: 25.583 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

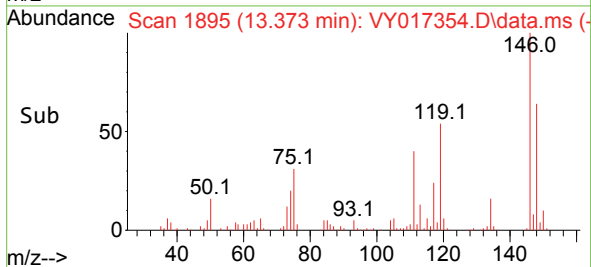
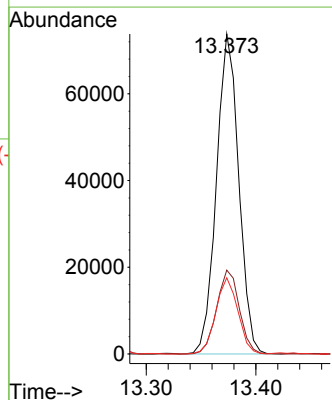
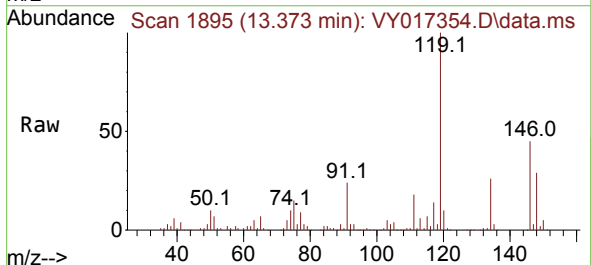
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS02

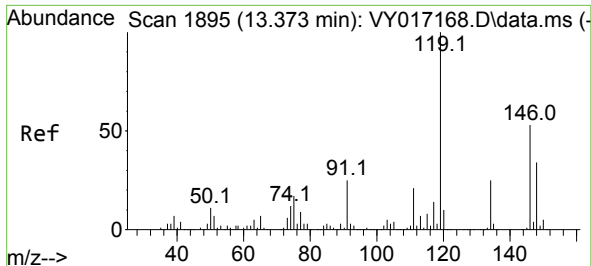
Tgt Ion:105 Resp: 133217
Ion Ratio Lower Upper
105 100
134 19.3 9.7 28.9



#86
p-Isopropyltoluene
Concen: 25.118 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VY017354.D
Acq: 12 Feb 2024 15:33

Tgt Ion:119 Resp: 104517
Ion Ratio Lower Upper
119 100
134 26.6 13.1 39.1
91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 24.298 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

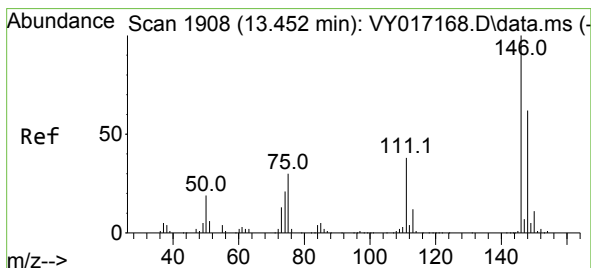
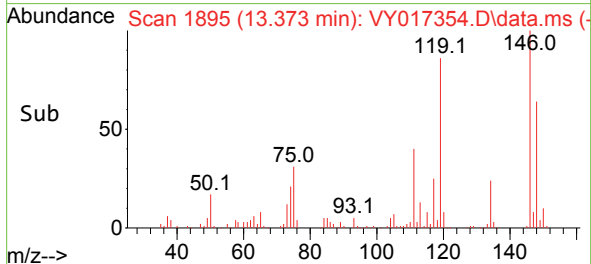
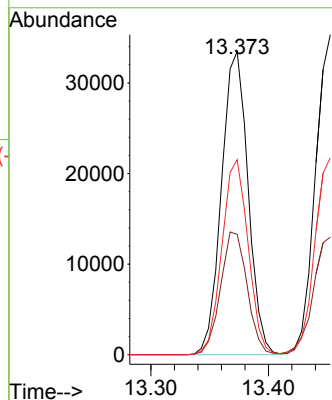
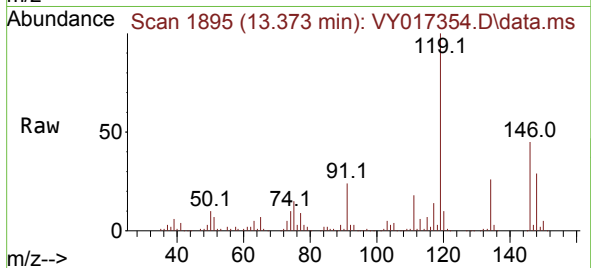
Tgt Ion:146 Resp: 52545

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 25.100 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

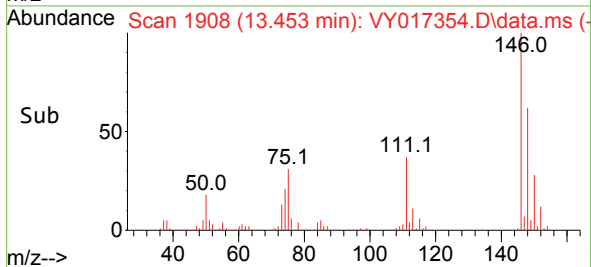
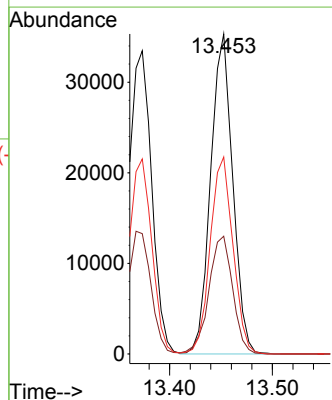
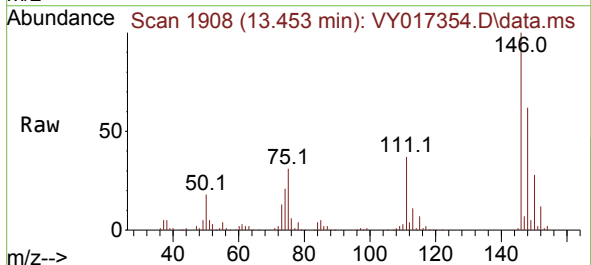
Tgt Ion:146 Resp: 52735

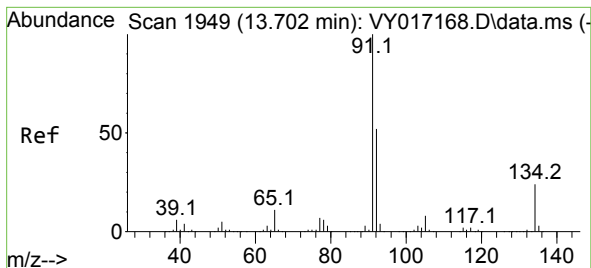
Ion Ratio Lower Upper

146 100

111 39.8 19.3 57.9

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 25.884 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

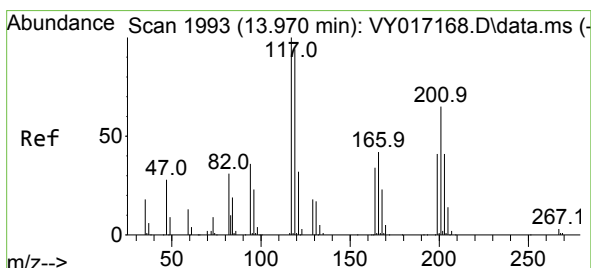
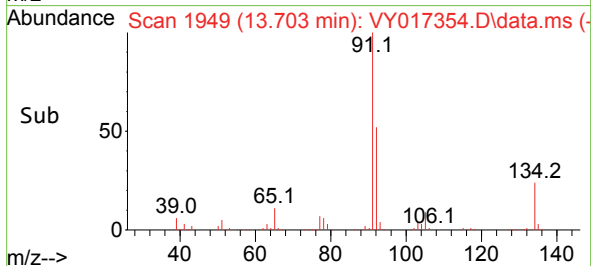
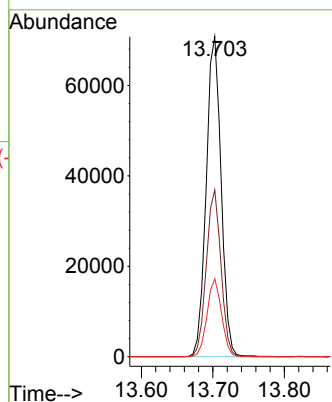
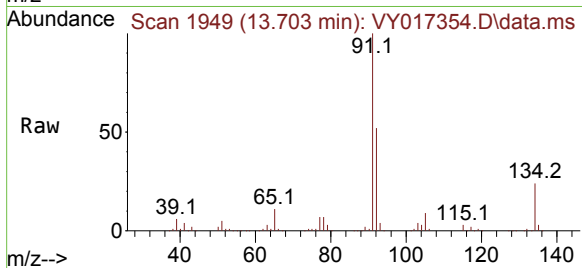
Tgt Ion: 91 Resp: 102404

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

134 23.7 12.3 36.8



#90

Hexachloroethane

Concen: 25.032 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017354.D

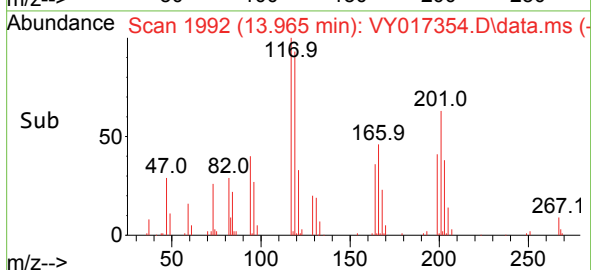
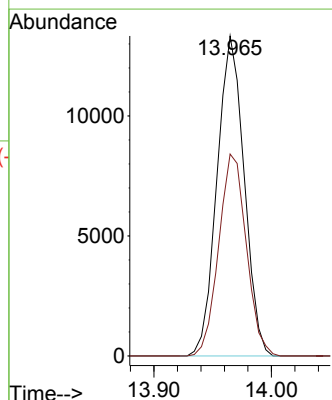
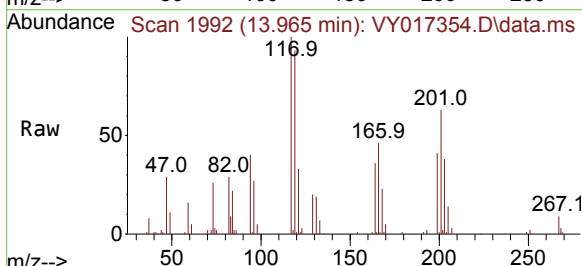
Acq: 12 Feb 2024 15:33

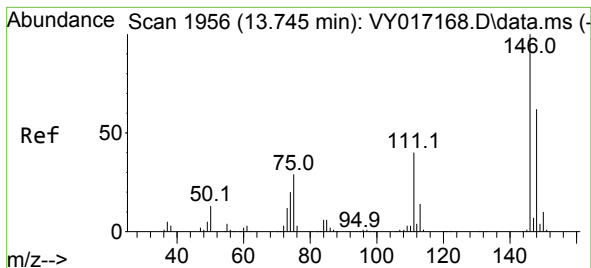
Tgt Ion: 117 Resp: 21383

Ion Ratio Lower Upper

117 100

201 64.3 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 25.185 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

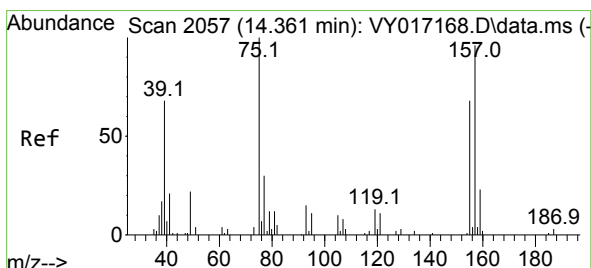
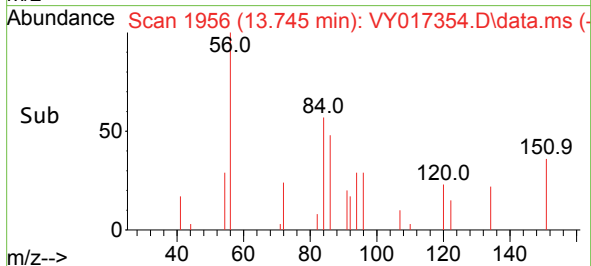
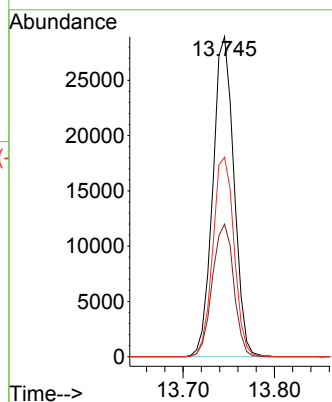
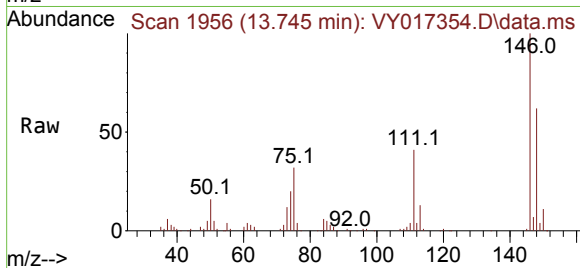
Tgt Ion:146 Resp: 46365

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.6

148 62.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.135 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

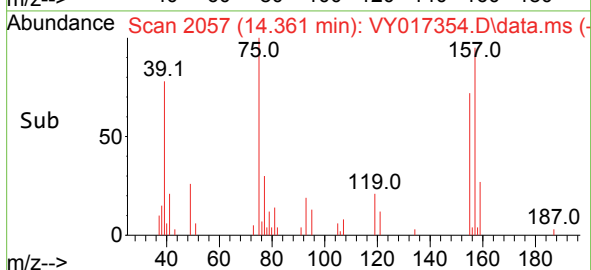
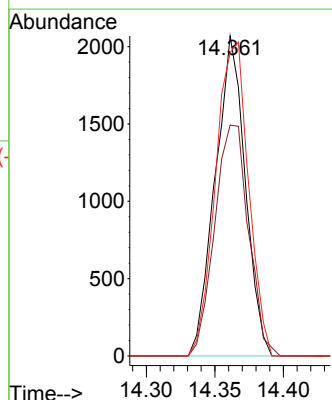
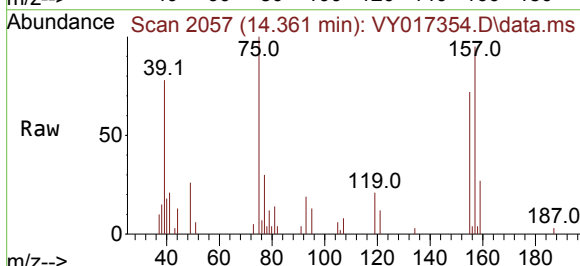
Tgt Ion: 75 Resp: 3147

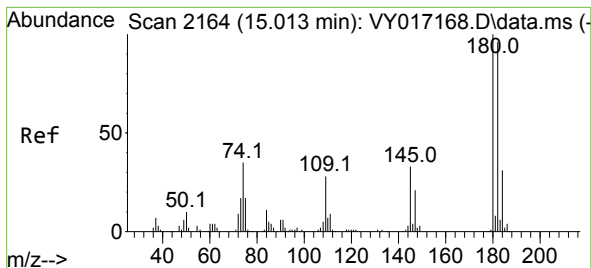
Ion Ratio Lower Upper

75 100

155 81.5 42.1 126.3

157 107.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 25.625 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

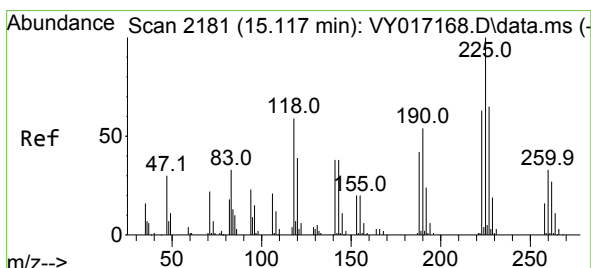
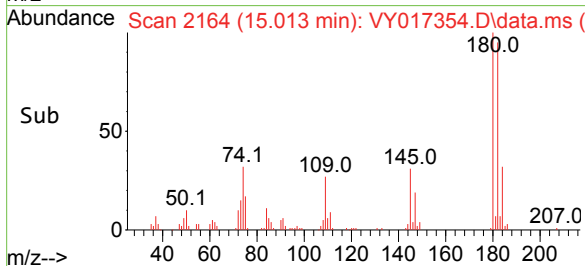
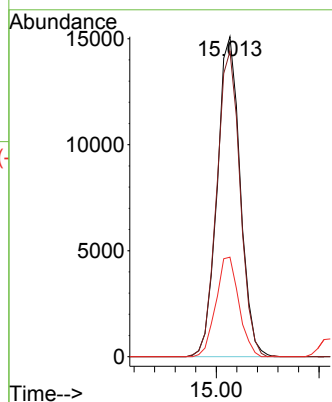
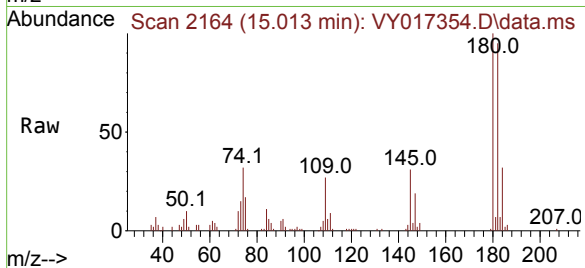
Tgt Ion:180 Resp: 23432

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.7

145 31.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 25.551 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

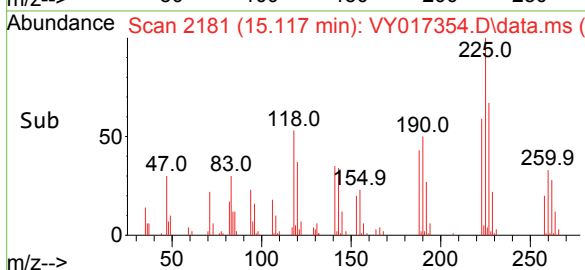
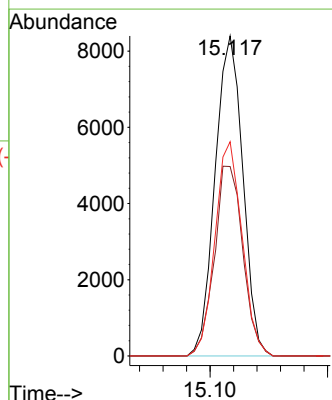
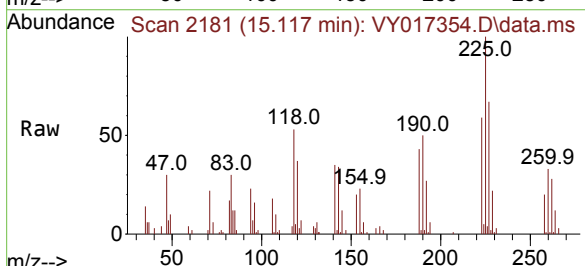
Tgt Ion:225 Resp: 13761

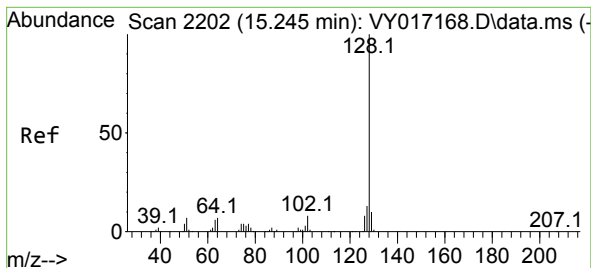
Ion Ratio Lower Upper

225 100

223 61.0 31.4 94.3

227 65.5 32.3 96.8





#95

Naphthalene

Concen: 25.117 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS02

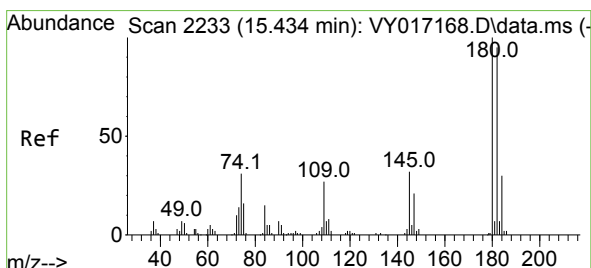
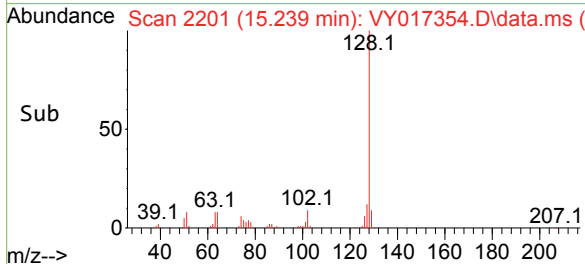
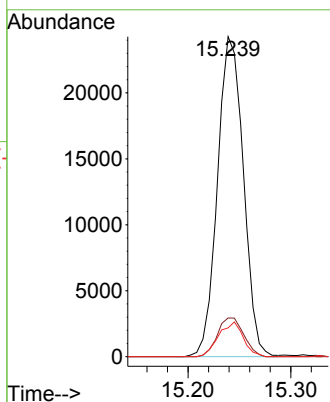
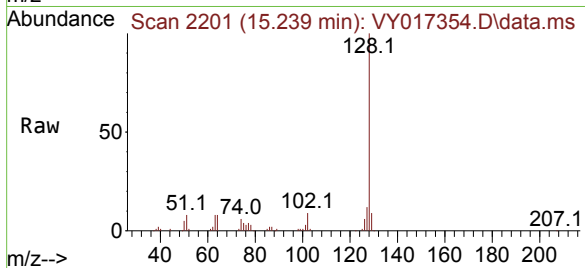
Tgt Ion:128 Resp: 42446

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 25.108 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017354.D

Acq: 12 Feb 2024 15:33

Tgt Ion:180 Resp: 19527

Ion Ratio Lower Upper

180 100

182 96.5 46.3 138.8

145 33.9 16.1 48.2

