

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017358.D
 Acq On : 12 Feb 2024 17:06
 Operator : SY/MD
 Sample : VY0212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBS01

Quant Time: Feb 14 08:45:34 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	106327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	176421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	151488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44227	46.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.120%		
35) Dibromofluoromethane	7.722	113	46596	48.917	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.840%		
50) Toluene-d8	10.185	98	169469	48.864	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.489	95	54627	48.082	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15163	18.812	ug/l	98
3) Chloromethane	2.107	50	28873	19.940	ug/l	96
4) Vinyl Chloride	2.247	62	34678	19.652	ug/l	98
5) Bromomethane	2.650	94	22715	18.571	ug/l	100
6) Chloroethane	2.796	64	21512	18.881	ug/l	96
7) Trichlorofluoromethane	3.119	101	39518	21.779	ug/l	92
8) Diethyl Ether	3.534	74	11907	20.862	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	23009	20.919	ug/l	98
10) Methyl Iodide	4.094	142	17668	15.279	ug/l	99
11) Tert butyl alcohol	4.985	59	1379	14.723	ug/l #	62
12) 1,1-Dichloroethene	3.869	96	19427	18.849	ug/l	94
13) Acrolein	3.735	56	7249	83.666	ug/l	97
14) Allyl chloride	4.485	41	29871	19.171	ug/l	99
15) Acrylonitrile	5.180	53	25348	98.640	ug/l	99
16) Acetone	3.973	43	30586	109.558	ug/l	100
17) Carbon Disulfide	4.198	76	44104	13.406	ug/l	99
18) Methyl Acetate	4.485	43	10393	16.688	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	50464	20.330	ug/l	99
20) Methylene Chloride	4.716	84	31791	24.211	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	21841	18.628	ug/l	97
22) Diisopropyl ether	6.131	45	72193	21.099	ug/l	97
23) Vinyl Acetate	6.070	43	208938	100.778	ug/l	99
24) 1,1-Dichloroethane	6.021	63	43015	20.522	ug/l	98
25) 2-Butanone	7.002	43	38393	103.448	ug/l	96
26) 2,2-Dichloropropane	6.984	77	35655	20.450	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	25502	19.447	ug/l	98
28) Bromochloromethane	7.338	49	19450	24.234	ug/l	98
29) Tetrahydrofuran	7.362	42	19590	93.441	ug/l	99
30) Chloroform	7.515	83	44120	20.924	ug/l	98
31) Cyclohexane	7.795	56	33000	17.236	ug/l #	90
32) 1,1,1-Trichloroethane	7.704	97	36907	20.349	ug/l	97
36) 1,1-Dichloropropene	7.923	75	31508	19.176	ug/l	100
37) Ethyl Acetate	7.076	43	15419	20.233	ug/l	98
38) Carbon Tetrachloride	7.905	117	32208	20.473	ug/l	96
39) Methylcyclohexane	9.191	83	33209	17.300	ug/l	99
40) Benzene	8.167	78	94838	20.212	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	6488	17.969	ug/l #	77
42) 1,2-Dichloroethane	8.246	62	25678	20.669	ug/l	99
43) Isopropyl Acetate	8.283	43	27964	20.729	ug/l	99
44) Trichloroethene	8.947	130	24092	20.227	ug/l	98
45) 1,2-Dichloropropane	9.222	63	23991	20.816	ug/l	96
46) Dibromomethane	9.313	93	13049	20.960	ug/l	97
47) Bromodichloromethane	9.502	83	33683	21.618	ug/l	94
48) Methyl methacrylate	9.301	41	12058	19.056	ug/l	94
49) 1,4-Dioxane	9.325	88	2779	410.099	ug/l #	75
51) 4-Methyl-2-Pentanone	10.081	43	76909	106.352	ug/l	99
52) Toluene	10.252	92	58112	20.518	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	29696	20.291	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	36024	20.550	ug/l	100
55) 1,1,2-Trichloroethane	10.654	97	18439	21.768	ug/l	98
56) Ethyl methacrylate	10.520	69	20997	20.376	ug/l	98
57) 1,3-Dichloropropane	10.794	76	30517	20.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	54419	103.125	ug/l	98
59) 2-Hexanone	10.843	43	58105	111.117	ug/l	100
60) Dibromochloromethane	10.990	129	21121	21.255	ug/l	99
61) 1,2-Dibromoethane	11.093	107	16225	20.596	ug/l	100
64) Tetrachloroethene	10.727	164	21153	21.500	ug/l	98
65) Chlorobenzene	11.526	112	61141	20.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	22682	21.358	ug/l	98
67) Ethyl Benzene	11.599	91	108884	20.616	ug/l	97
68) m/p-Xylenes	11.709	106	83088	41.455	ug/l	99
69) o-Xylene	12.038	106	38773	21.007	ug/l	99
70) Styrene	12.050	104	64289	21.140	ug/l	99
71) Bromoform	12.215	173	12061	21.686	ug/l #	100
73) Isopropylbenzene	12.337	105	103372	20.687	ug/l	98
74) N-amyl acetate	12.148	43	23442	20.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	21000	21.367	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	25048	39.897	ug/l #	100
77) Bromobenzene	12.617	156	23232	20.960	ug/l	99
78) n-propylbenzene	12.678	91	129452	21.093	ug/l	100
79) 2-Chlorotoluene	12.764	91	71410	21.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	83720	21.066	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	6160	20.388	ug/l	96
82) 4-Chlorotoluene	12.861	91	73102	21.051	ug/l	97
83) tert-Butylbenzene	13.081	119	72785	21.366	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	81668	20.819	ug/l	98
85) sec-Butylbenzene	13.257	105	113688	21.353	ug/l	99
86) p-Isopropyltoluene	13.373	119	89777	21.101	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	46441	21.003	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	46010	21.418	ug/l	99
89) n-Butylbenzene	13.702	91	86566	21.399	ug/l	99
90) Hexachloroethane	13.965	117	18780	21.501	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	40655	21.598	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2782	21.731	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	20561	21.990	ug/l	99
94) Hexachlorobutadiene	15.117	225	12106	21.984	ug/l	98
95) Naphthalene	15.245	128	35589	20.596	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	17297	21.752	ug/l	97

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0212SBSD01

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Quant Title : SW846 8260
QLast Update : Tue Feb 13 18:32:30 2024
Response via : Initial Calibration

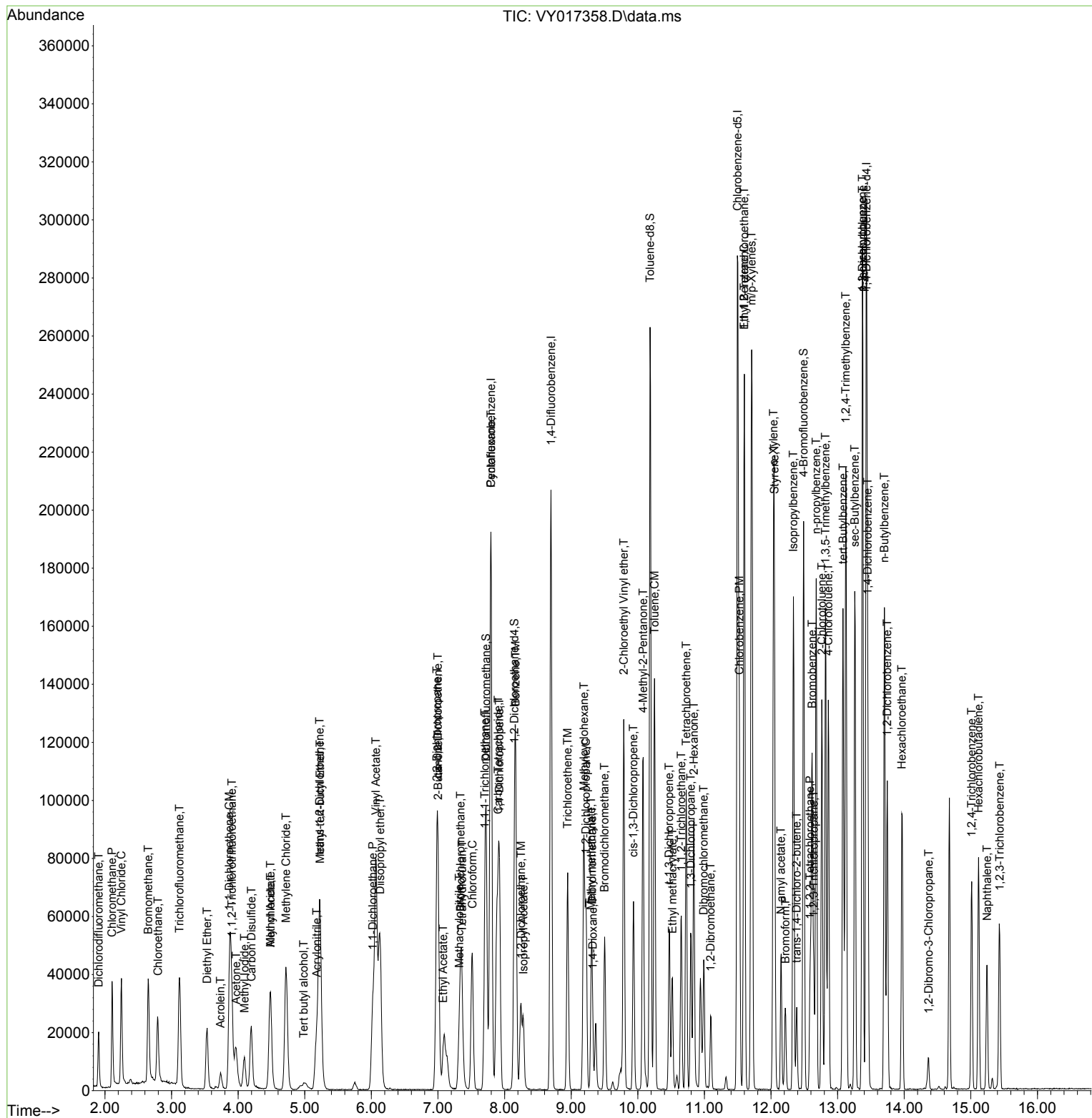
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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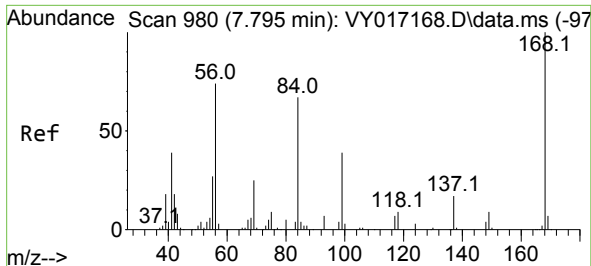
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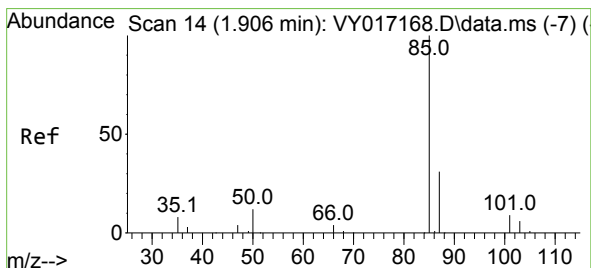
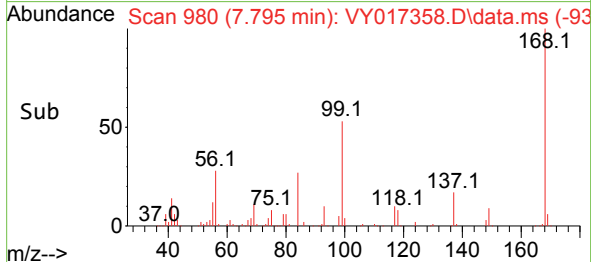
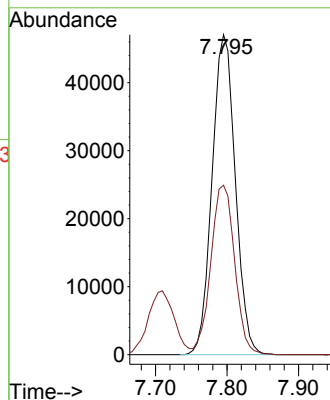
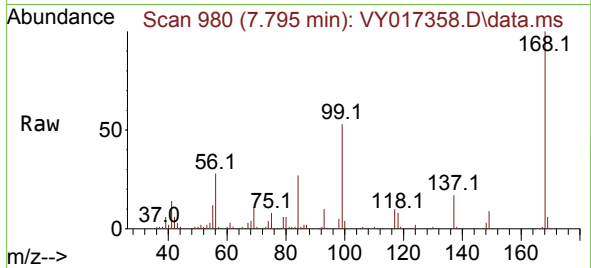




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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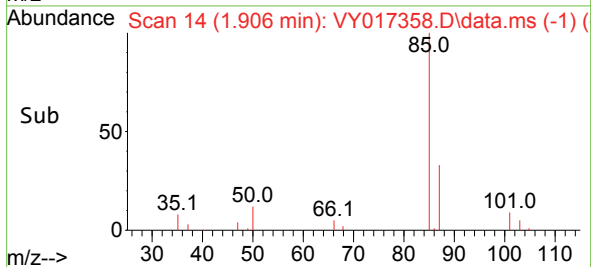
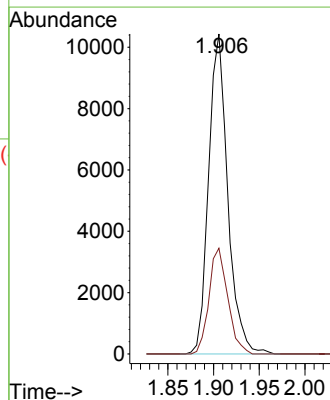
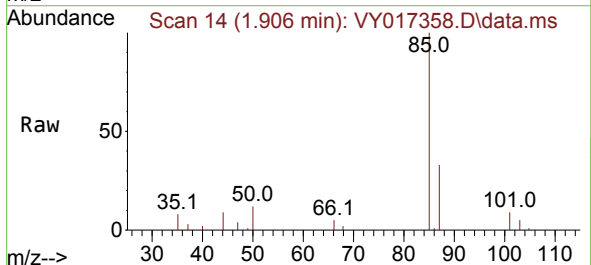
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

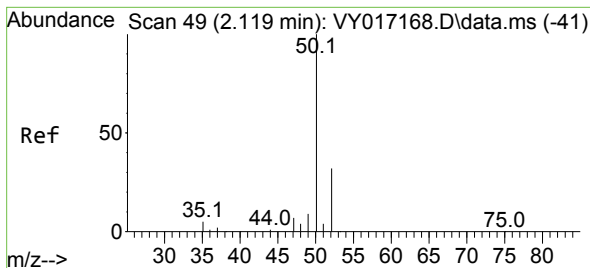
Tgt Ion:168 Resp: 106327
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 18.812 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 85 Resp: 15163
Ion Ratio Lower Upper
85 100
87 33.1 17.1 51.3





#3

Chloromethane

Concen: 19.940 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

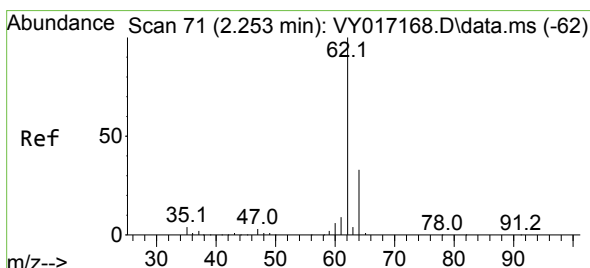
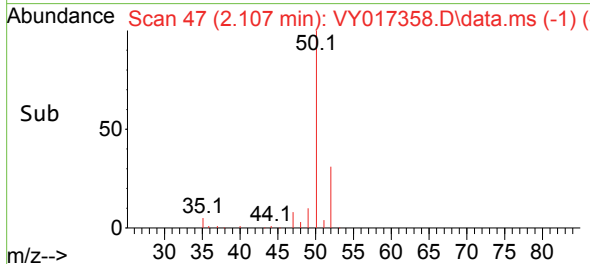
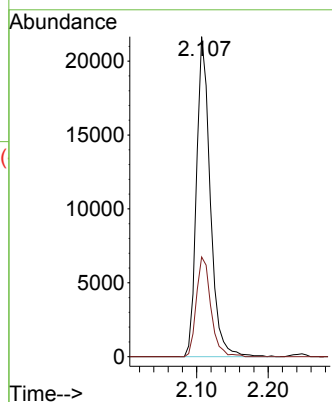
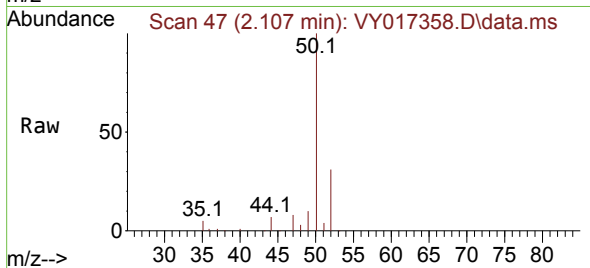
VY0212SBSD01

Tgt Ion: 50 Resp: 28873

Ion Ratio Lower Upper

50 100

52 31.2 26.7 40.1



#4

Vinyl Chloride

Concen: 19.652 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY017358.D

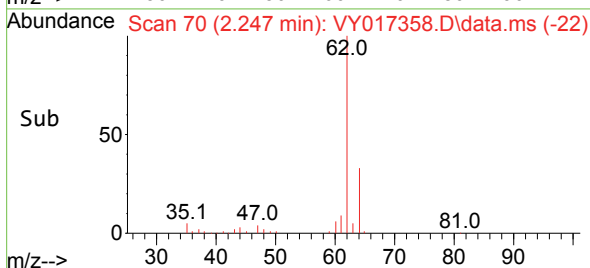
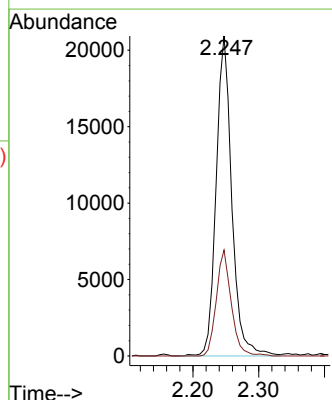
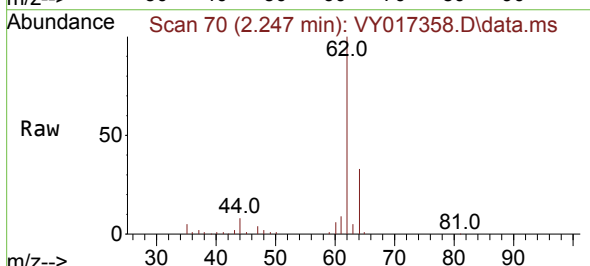
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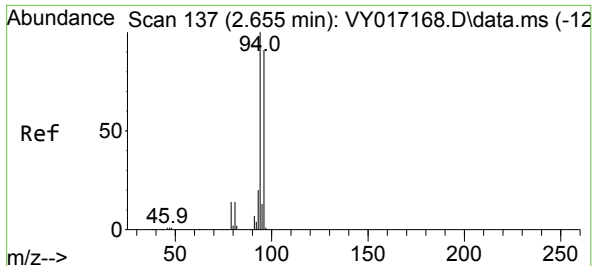
Tgt Ion: 62 Resp: 34678

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5

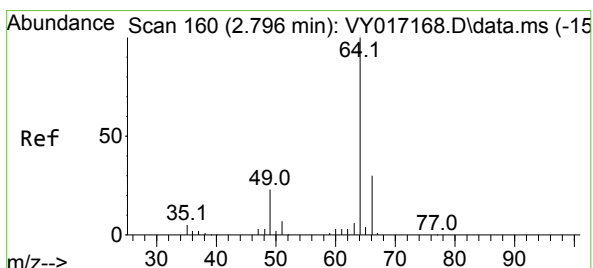
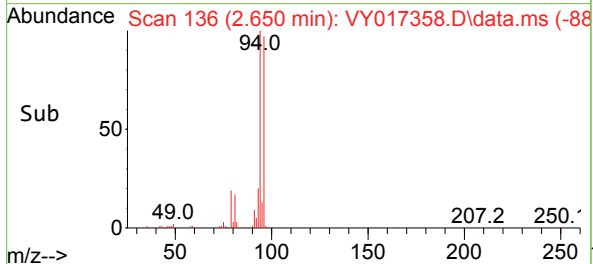
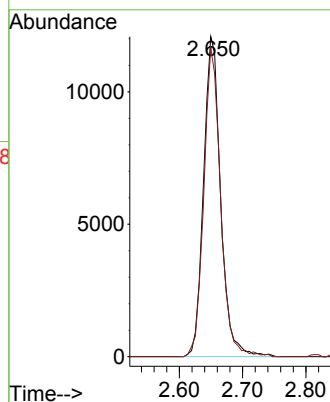
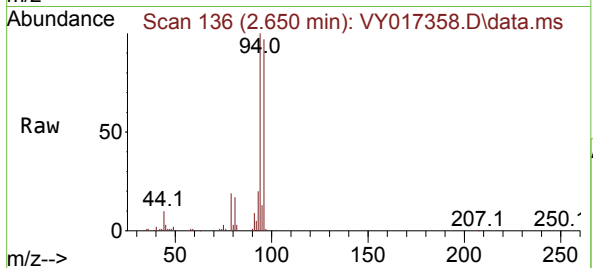




#5
Bromomethane
Concen: 18.571 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

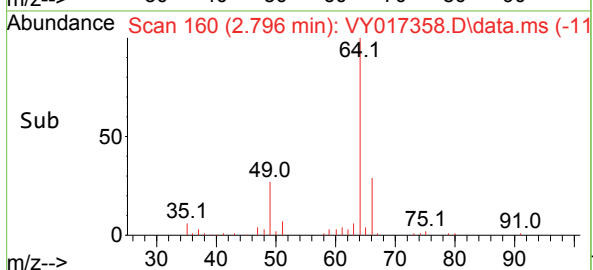
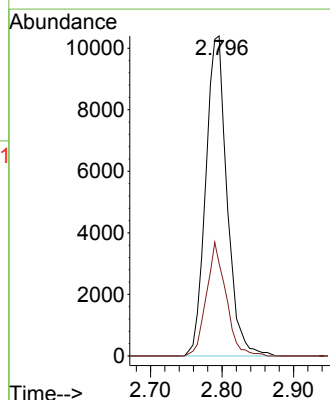
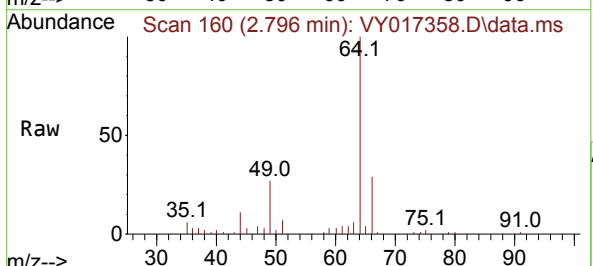
Instrument :
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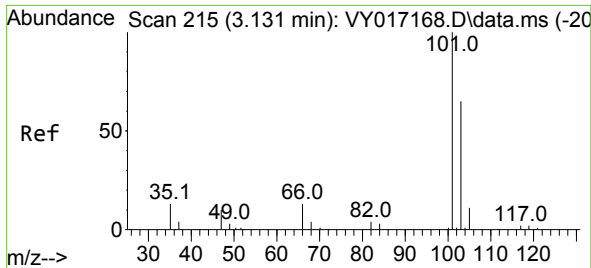
Tgt Ion: 94 Resp: 22715
Ion Ratio Lower Upper
94 100
96 96.5 77.3 115.9



#6
Chloroethane
Concen: 18.881 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 64 Resp: 21512
Ion Ratio Lower Upper
64 100
66 29.0 25.1 37.7

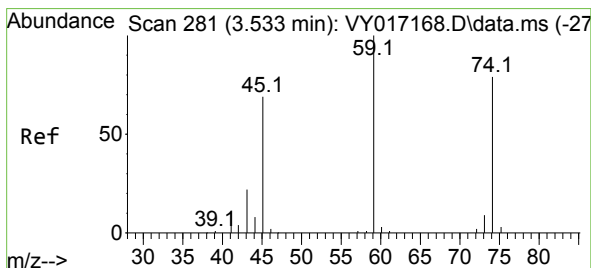
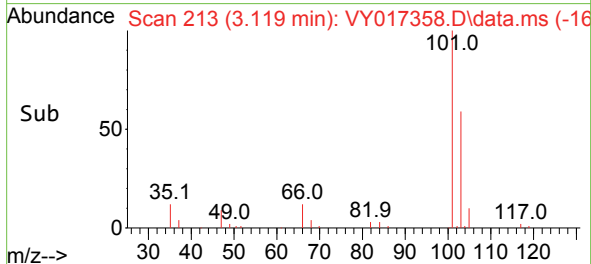
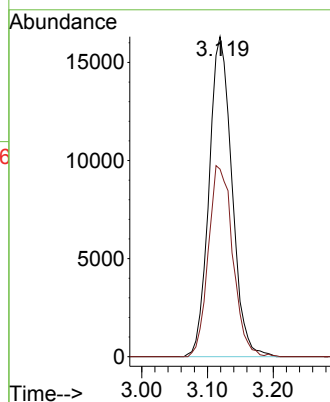
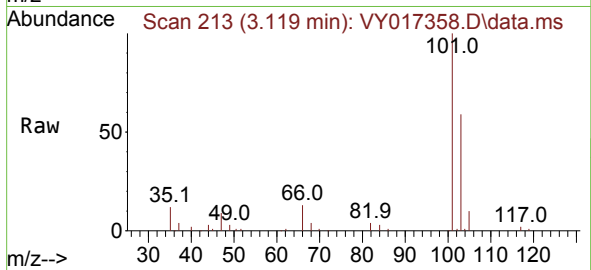




#7
Trichlorofluoromethane
Concen: 21.779 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

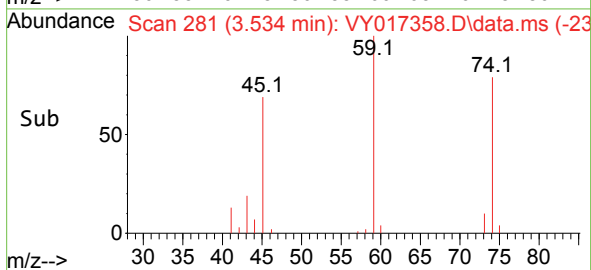
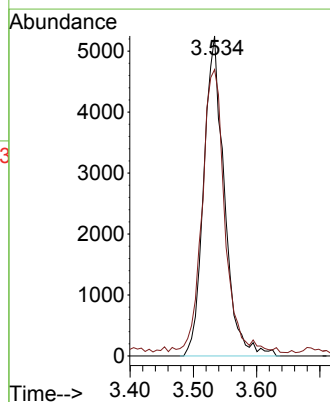
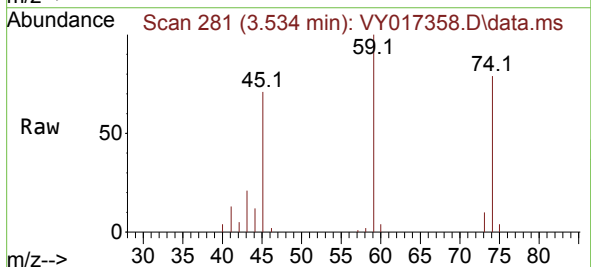
Instrument :
MSVOA_Y
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VY0212SBSD01

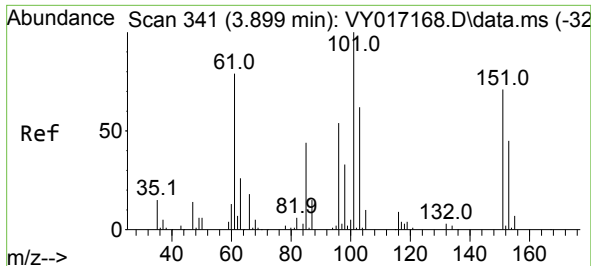
Tgt Ion:101 Resp: 39518
Ion Ratio Lower Upper
101 100
103 58.6 51.9 77.9



#8
Diethyl Ether
Concen: 20.862 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 74 Resp: 11907
Ion Ratio Lower Upper
74 100
45 98.1 47.9 143.7

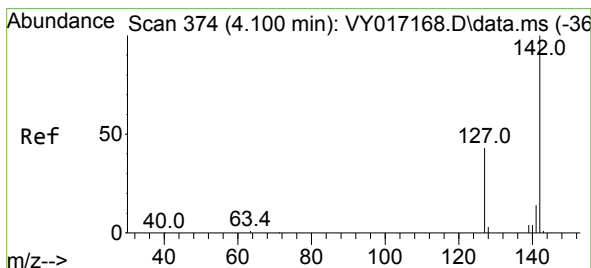
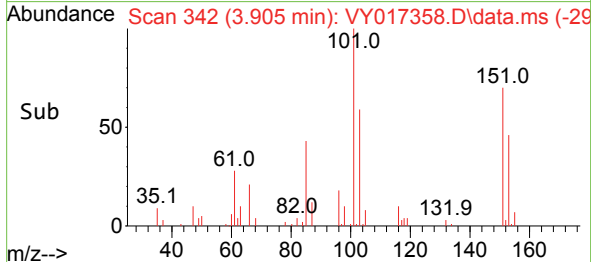
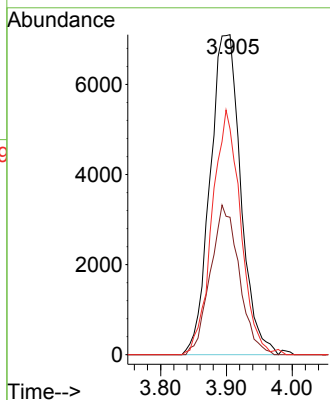
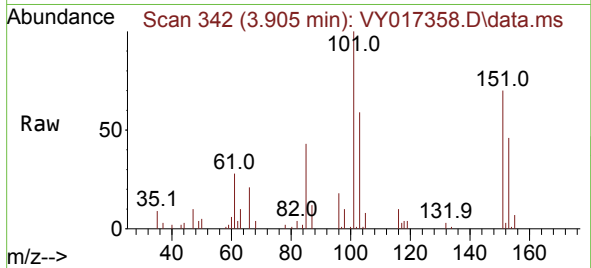




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.919 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

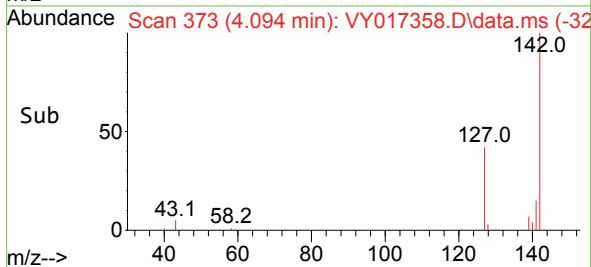
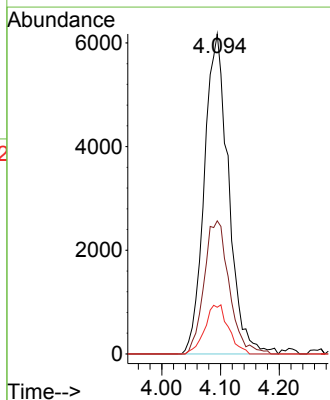
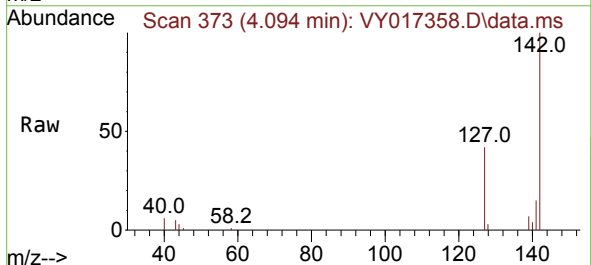
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

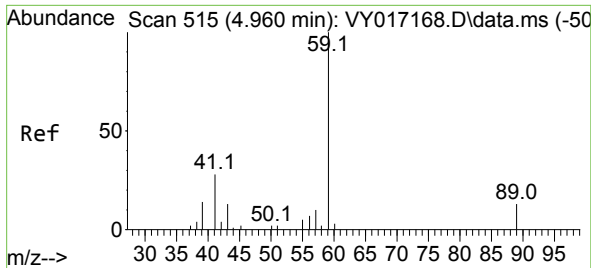
Tgt Ion:101 Resp: 23009
Ion Ratio Lower Upper
101 100
85 43.9 35.8 53.6
151 71.3 58.6 88.0



#10
Methyl Iodide
Concen: 15.279 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion:142 Resp: 17668
Ion Ratio Lower Upper
142 100
127 43.2 35.1 52.7
141 15.0 11.8 17.6

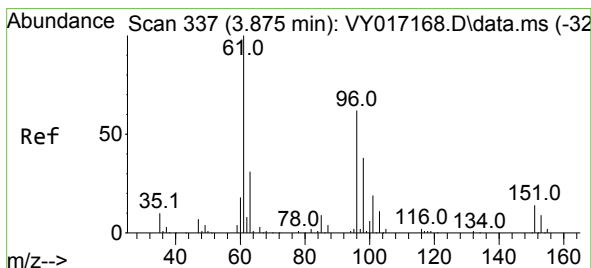
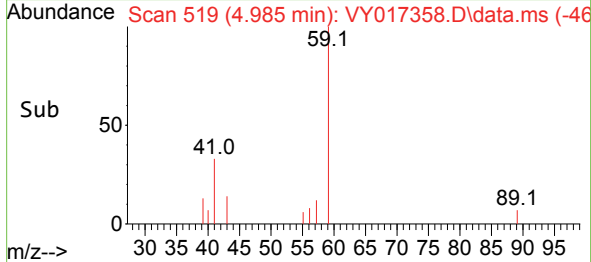
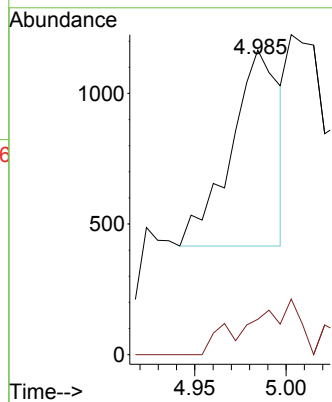
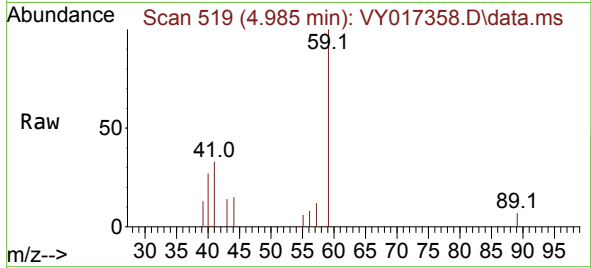




#11
Tert butyl alcohol
Concen: 14.723 ug/l
RT: 4.985 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

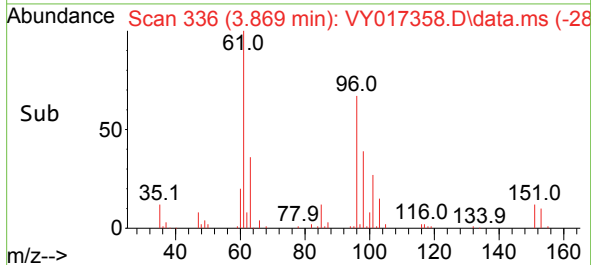
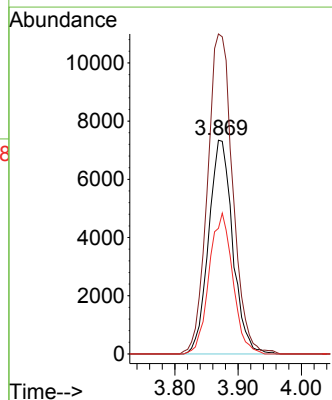
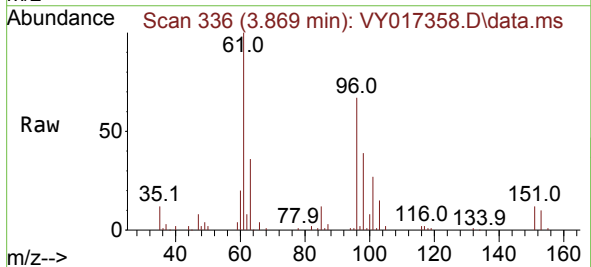
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

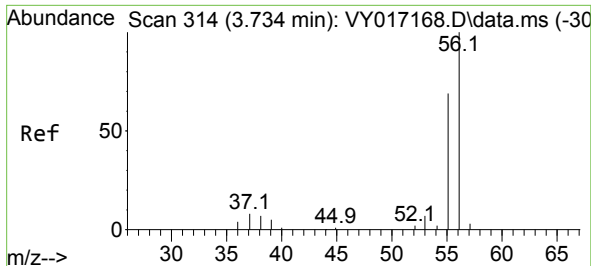
Tgt Ion: 59 Resp: 1379
Ion Ratio Lower Upper
59 100
57 23.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 18.849 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 96 Resp: 19427
Ion Ratio Lower Upper
96 100
61 149.7 124.2 186.2
98 58.8 52.6 79.0





#13

Acrolein

Concen: 83.666 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.001 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

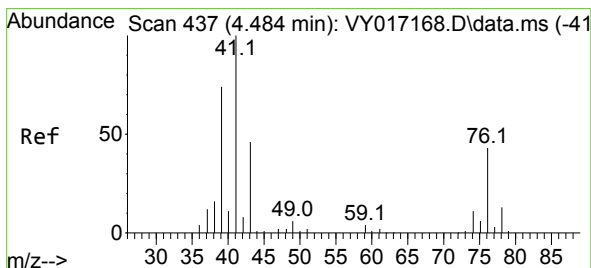
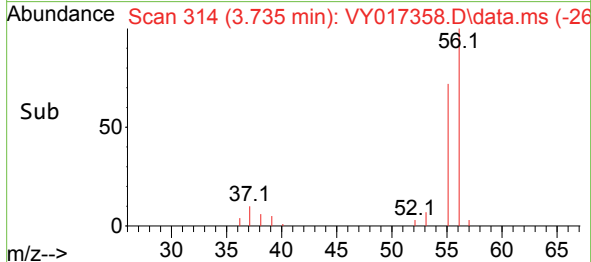
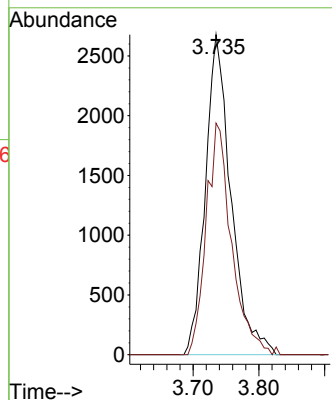
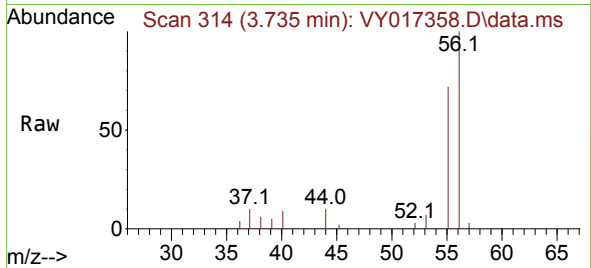
VY0212SBS01

Tgt Ion: 56 Resp: 7249

Ion Ratio Lower Upper

56 100

55 71.4 55.4 83.0



#14

Allyl chloride

Concen: 19.171 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

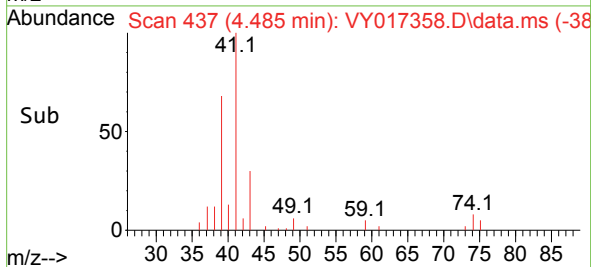
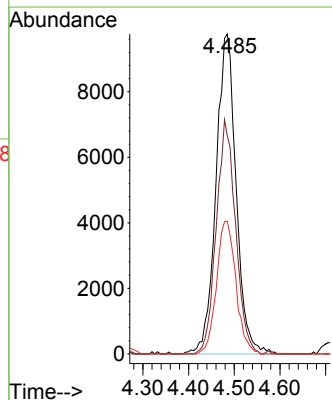
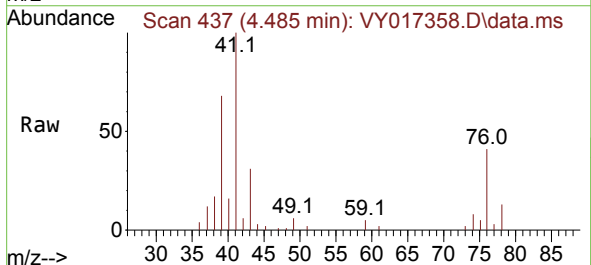
Tgt Ion: 41 Resp: 29871

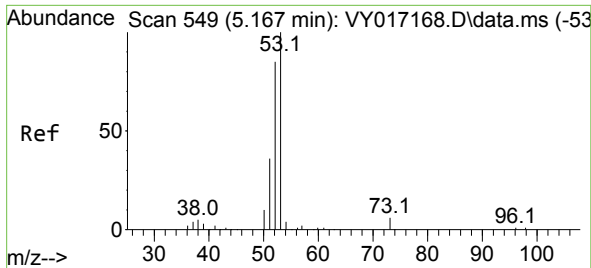
Ion Ratio Lower Upper

41 100

39 70.0 54.7 82.1

76 40.0 31.8 47.6

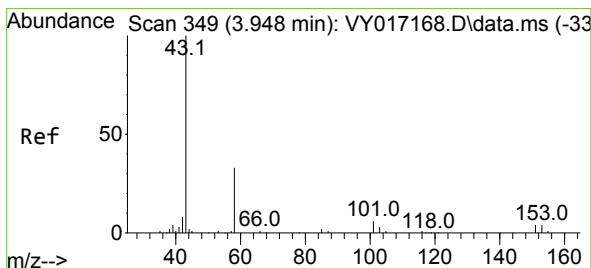
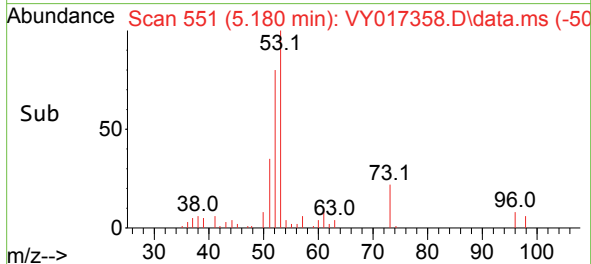
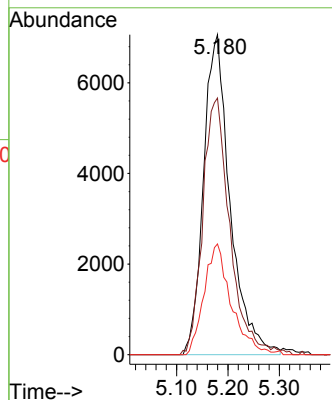
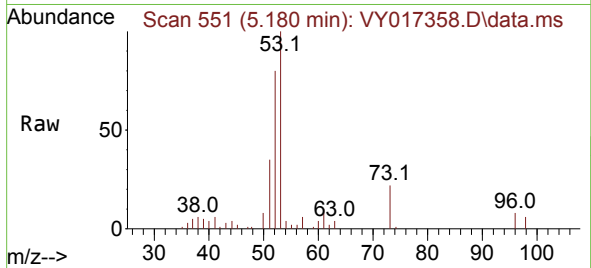




#15
Acrylonitrile
Concen: 98.640 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

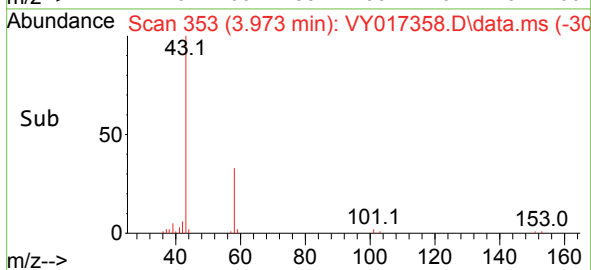
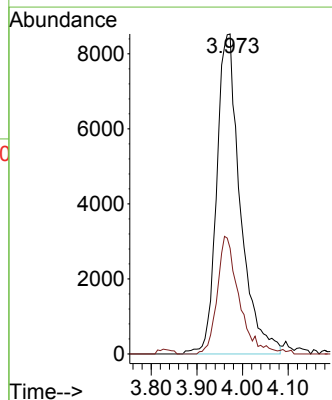
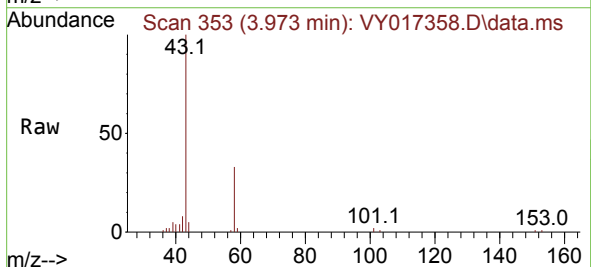
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

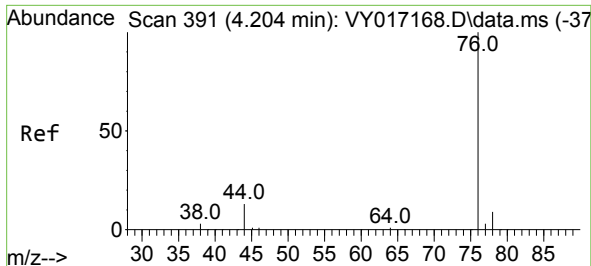
Tgt Ion:	53	Resp:	25348
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.1	97.7
51	35.5	29.0	43.4



#16
Acetone
Concen: 109.558 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion:	43	Resp:	30586
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.6	39.8





#17

Carbon Disulfide

Concen: 13.406 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

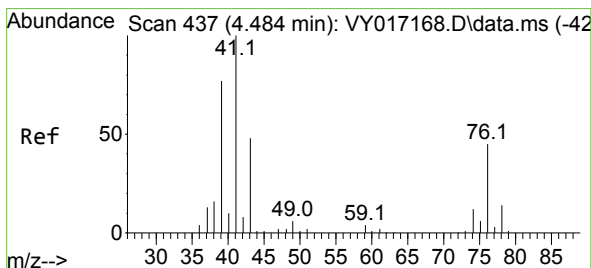
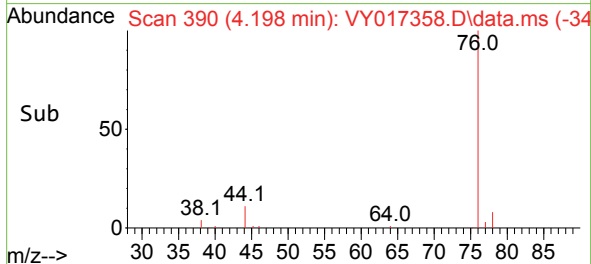
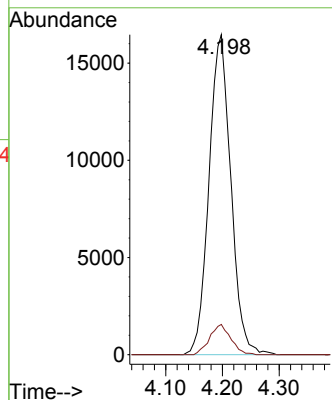
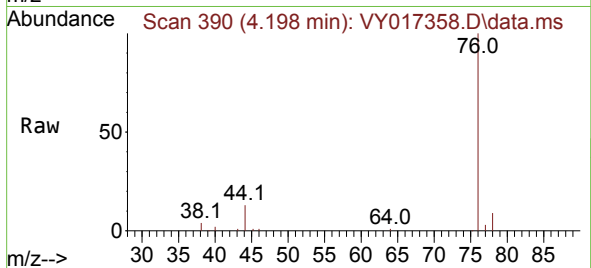
VY0212SBSD01

Tgt Ion: 76 Resp: 44104

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



#18

Methyl Acetate

Concen: 16.688 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017358.D

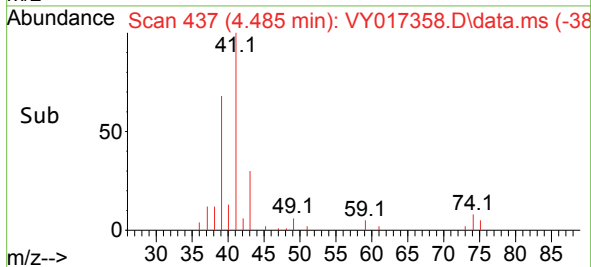
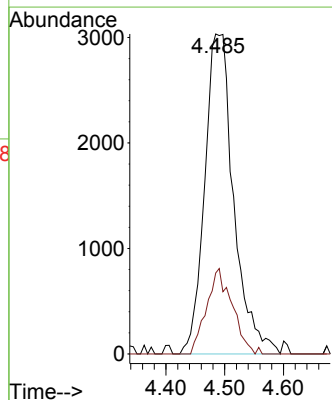
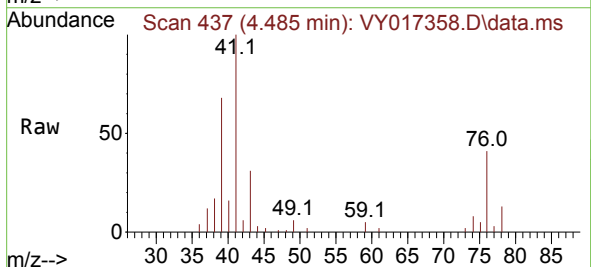
Acq: 12 Feb 2024 17:06

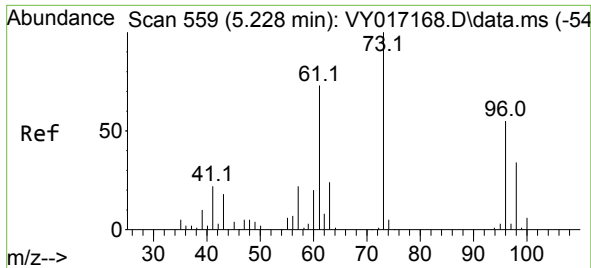
Tgt Ion: 43 Resp: 10393

Ion Ratio Lower Upper

43 100

74 23.5 19.8 29.6

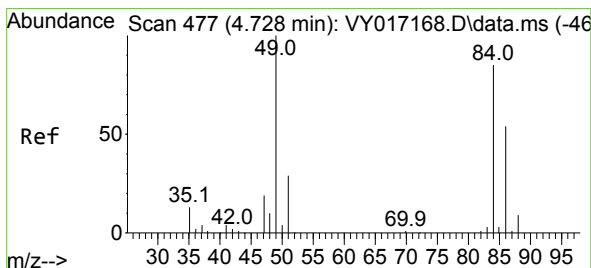
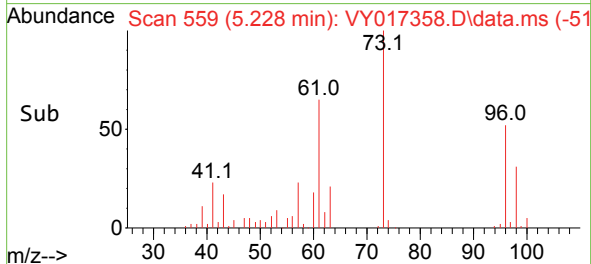
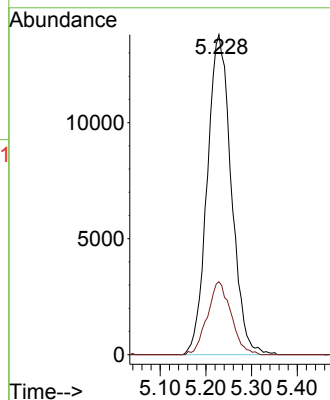
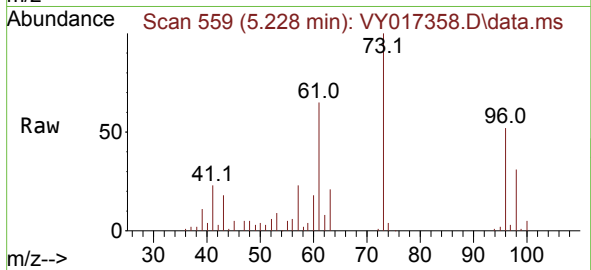




#19
Methyl tert-butyl Ether
Concen: 20.330 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

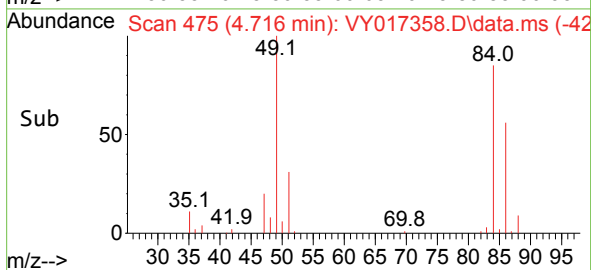
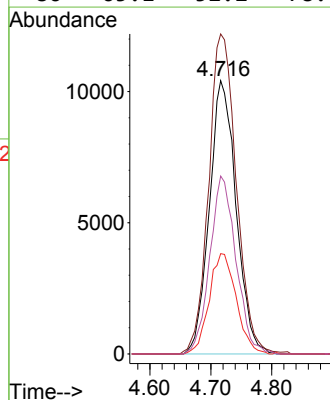
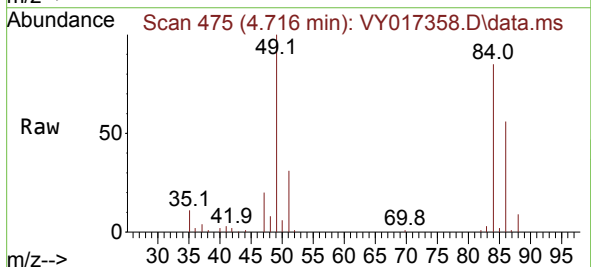
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

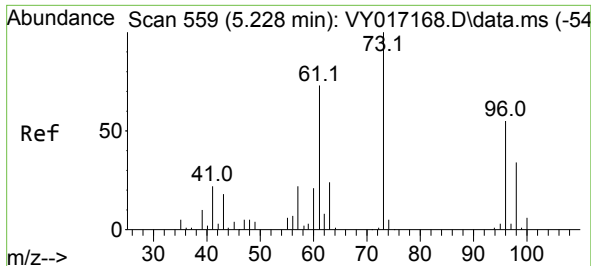
Tgt Ion: 73 Resp: 50464
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5



#20
Methylene Chloride
Concen: 24.211 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 84 Resp: 31791
Ion Ratio Lower Upper
84 100
49 117.1 95.2 142.8
51 36.7 29.9 44.9
86 65.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.628 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017358.D

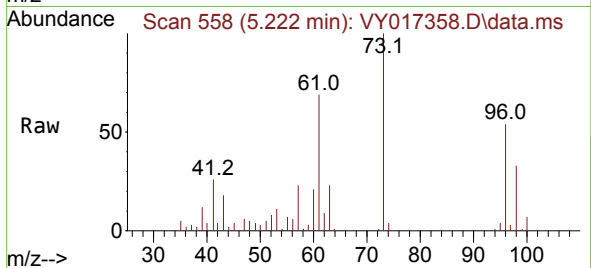
Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01



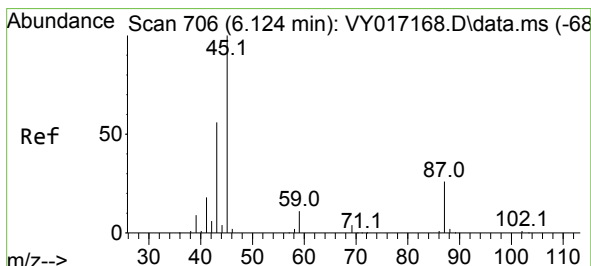
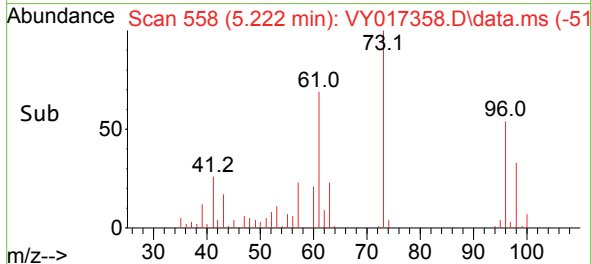
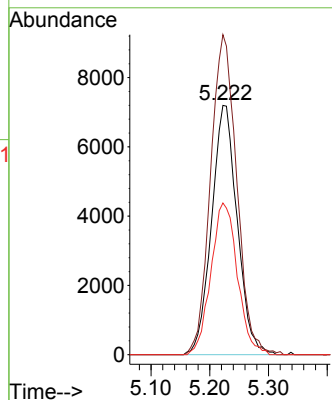
Tgt Ion: 96 Resp: 21841

Ion Ratio Lower Upper

96 100

61 128.4 104.6 156.8

98 60.8 50.9 76.3



#22

Diisopropyl ether

Concen: 21.099 ug/l

RT: 6.131 min Scan# 707

Delta R.T. 0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Tgt Ion: 45 Resp: 72193

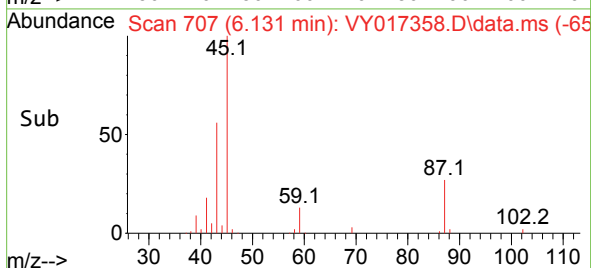
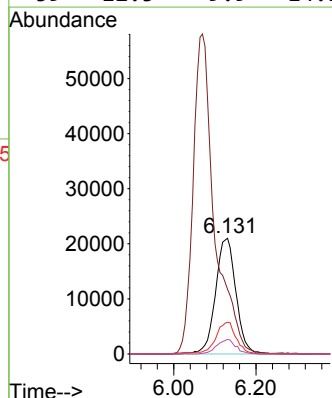
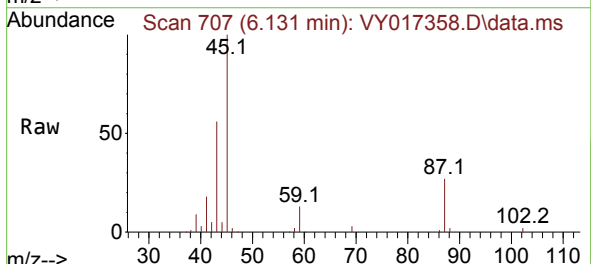
Ion Ratio Lower Upper

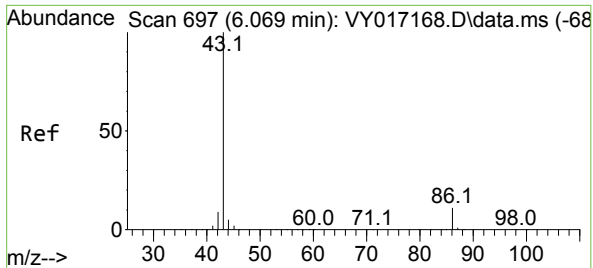
45 100

43 55.1 46.8 70.2

87 27.4 22.2 33.2

59 12.5 9.9 14.9

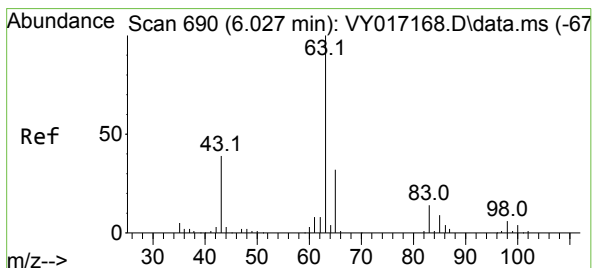
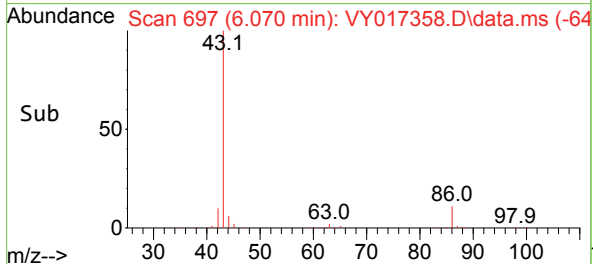
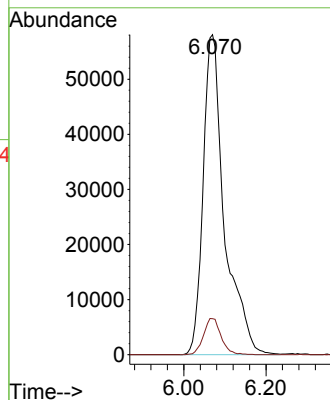
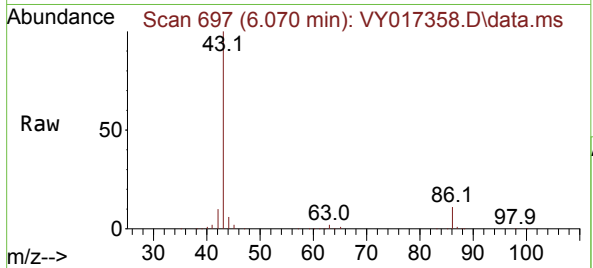




#23
 Vinyl Acetate
 Concen: 100.778 ug/l
 RT: 6.070 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY017358.D
 Acq: 12 Feb 2024 17:06

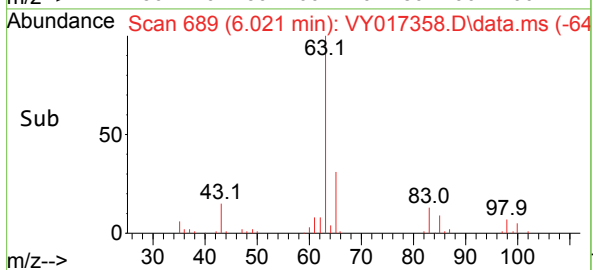
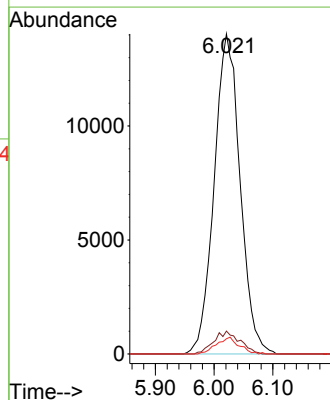
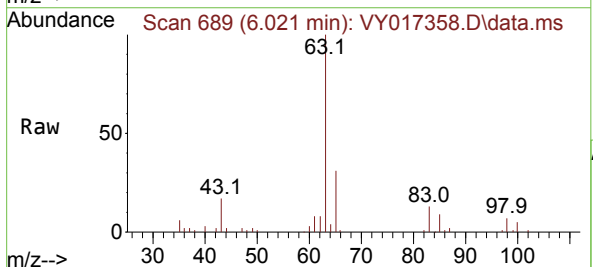
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBSD01

Tgt Ion: 43 Resp: 208938
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.522 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY017358.D
 Acq: 12 Feb 2024 17:06

Tgt Ion: 63 Resp: 43015
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 103.448 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

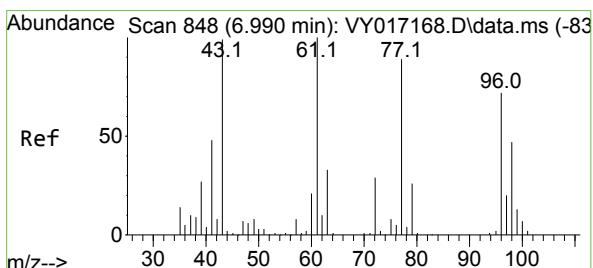
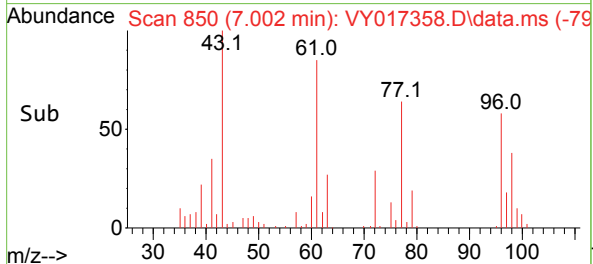
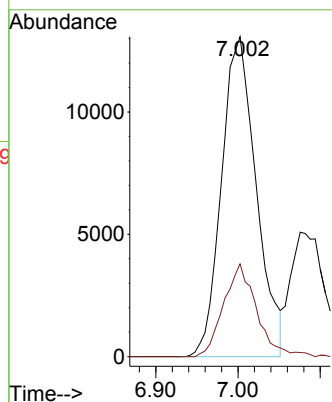
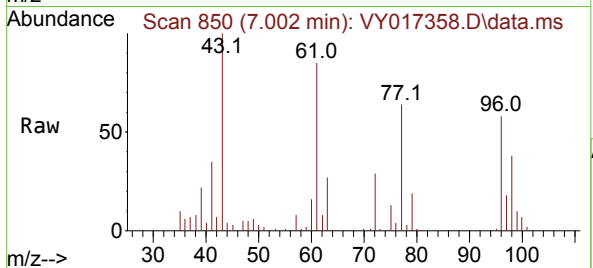
VY0212SBSD01

Tgt Ion: 43 Resp: 38393

Ion Ratio Lower Upper

43 100

72 29.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.450 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017358.D

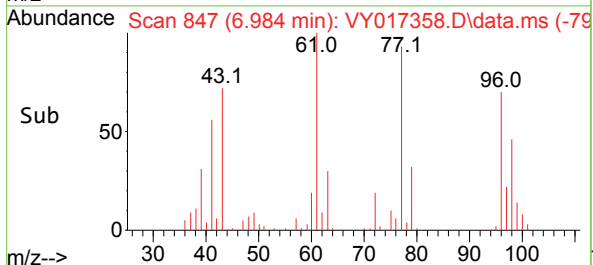
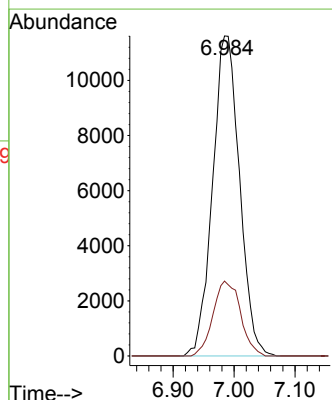
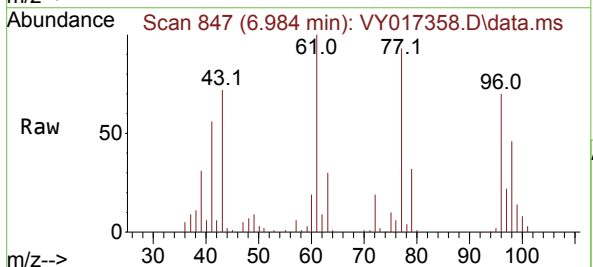
Acq: 12 Feb 2024 17:06

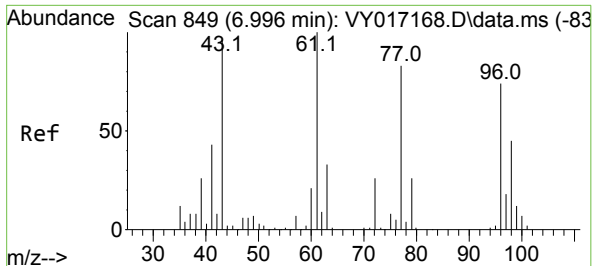
Tgt Ion: 77 Resp: 35655

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.447 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBSD01

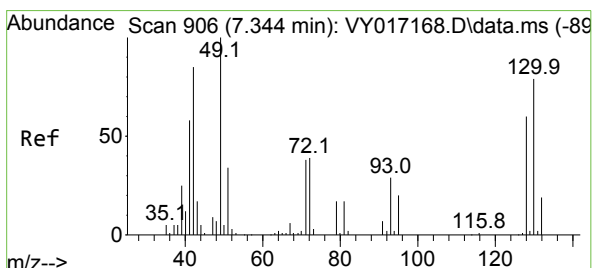
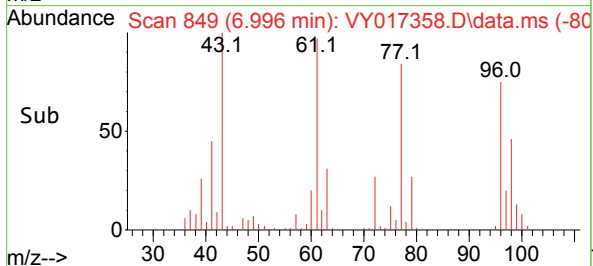
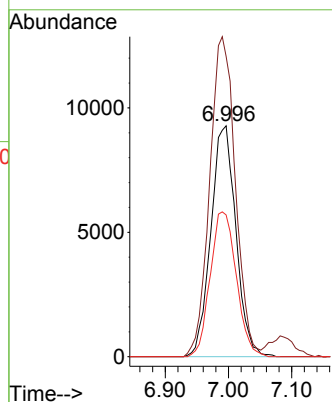
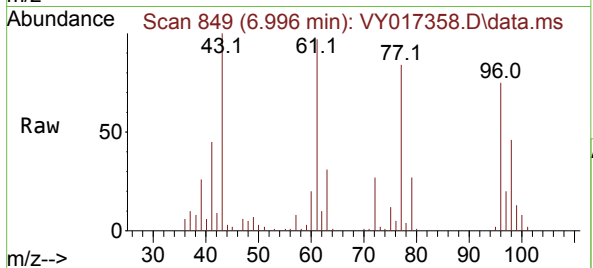
Tgt Ion: 96 Resp: 25502

Ion Ratio Lower Upper

96 100

61 141.9 0.0 278.8

98 65.3 0.0 127.0



#28

Bromochloromethane

Concen: 24.234 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

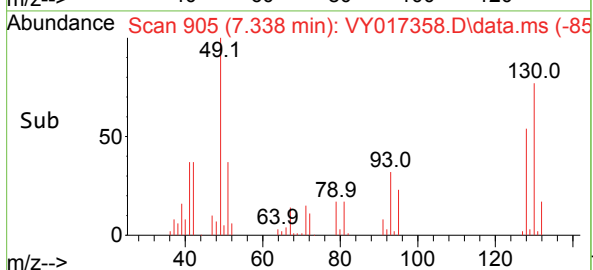
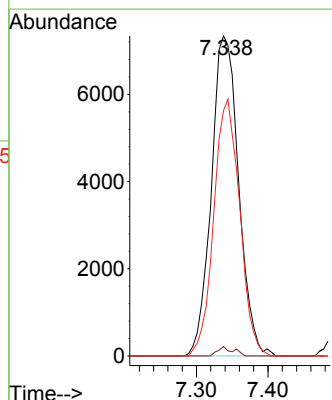
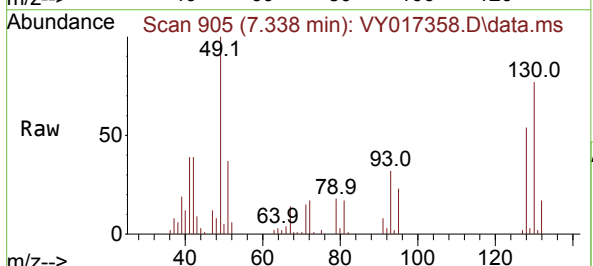
Tgt Ion: 49 Resp: 19450

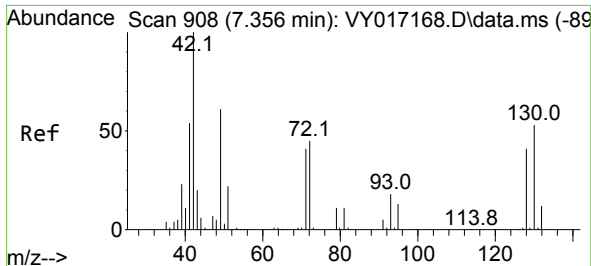
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 76.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 93.441 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

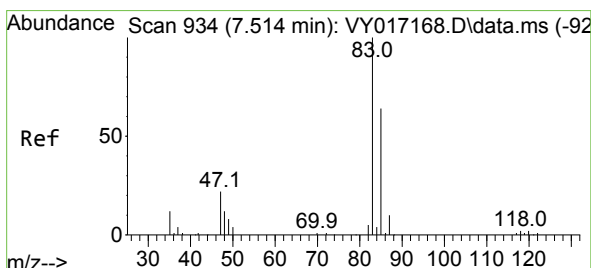
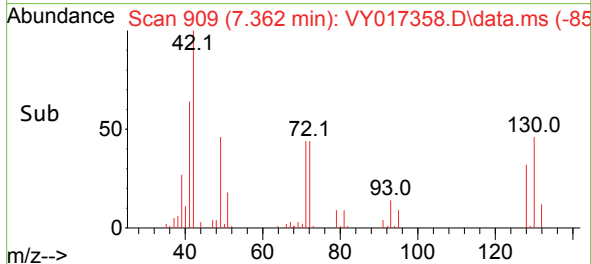
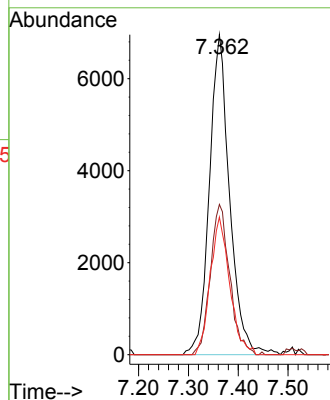
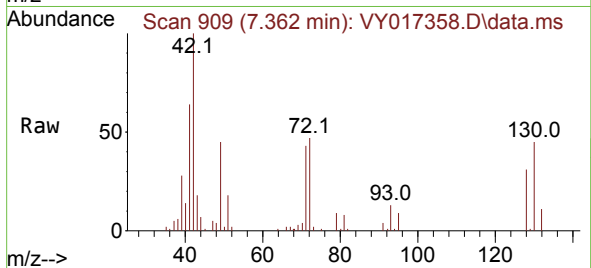
Tgt Ion: 42 Resp: 19590

Ion Ratio Lower Upper

42 100

72 45.0 36.6 54.8

71 41.3 33.8 50.6



#30

Chloroform

Concen: 20.924 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017358.D

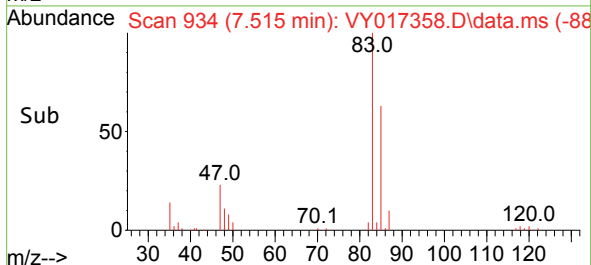
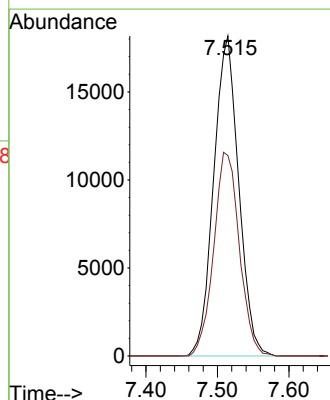
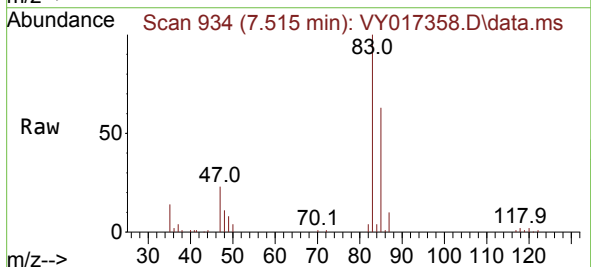
Acq: 12 Feb 2024 17:06

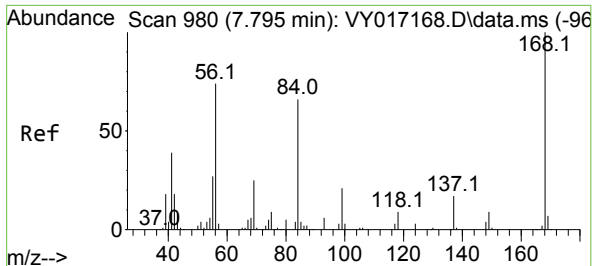
Tgt Ion: 83 Resp: 44120

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

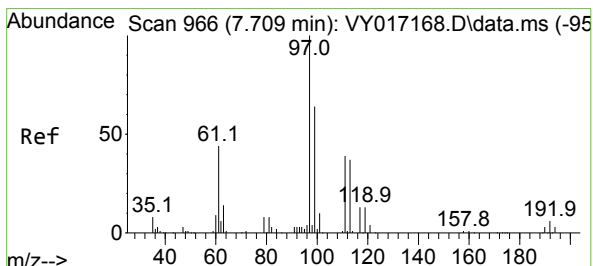
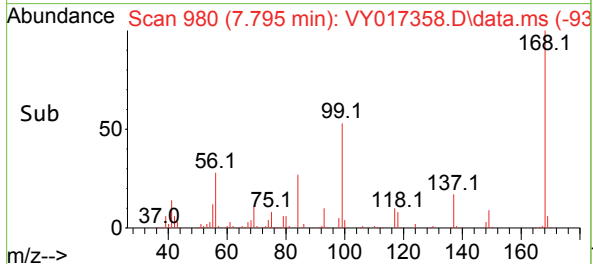
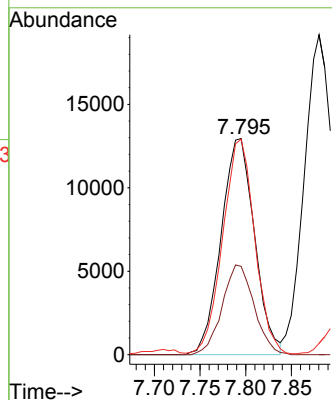
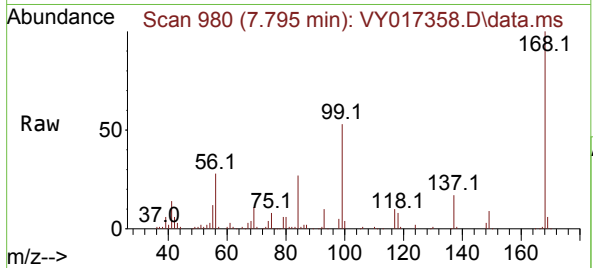




#31
Cyclohexane
Concen: 17.236 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

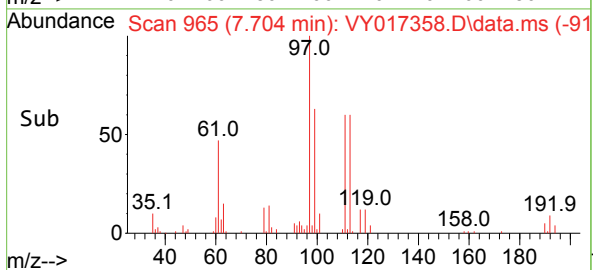
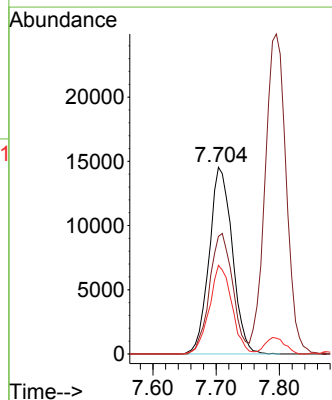
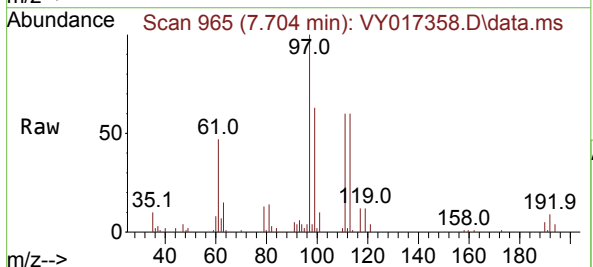
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

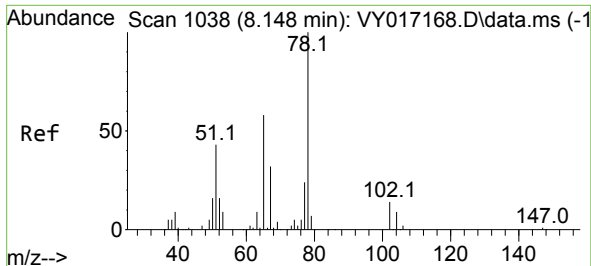
Tgt Ion: 56 Resp: 33000
Ion Ratio Lower Upper
56 100
69 40.8 27.0 40.6#
84 98.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.349 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 97 Resp: 36907
Ion Ratio Lower Upper
97 100
99 65.3 51.2 76.8
61 46.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 46.562 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

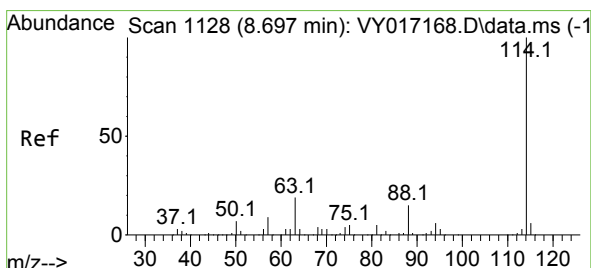
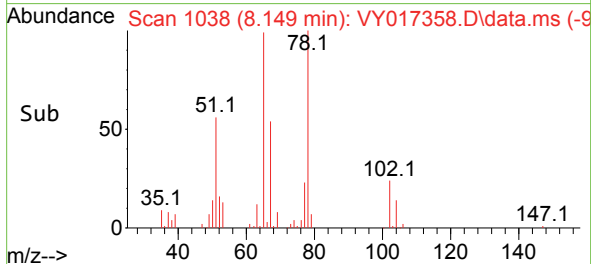
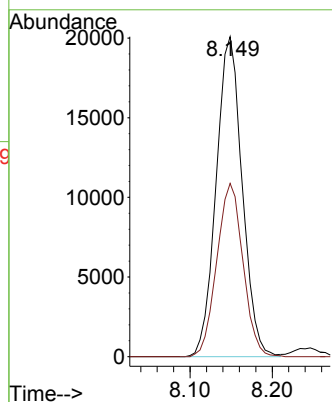
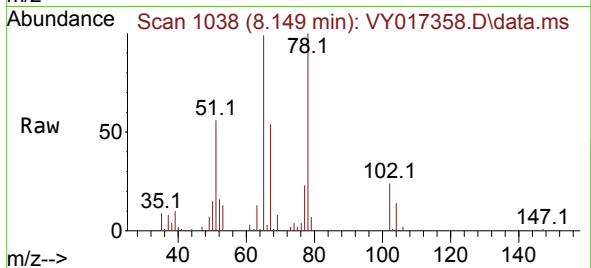
VY0212SBSD01

Tgt Ion: 65 Resp: 44227

Ion Ratio Lower Upper

65 100

67 54.4 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: VY017358.D

Acq: 12 Feb 2024 17:06

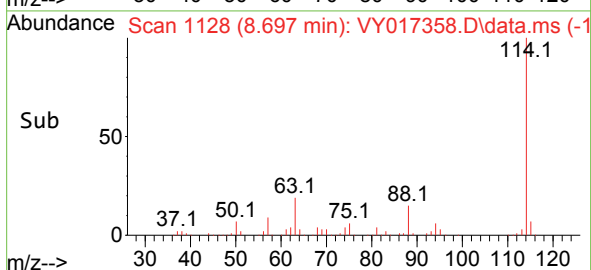
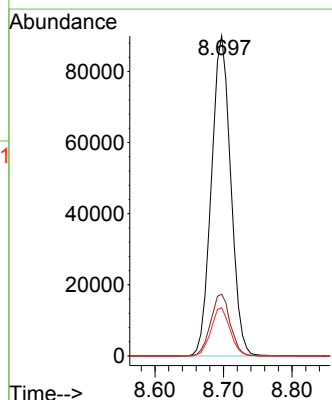
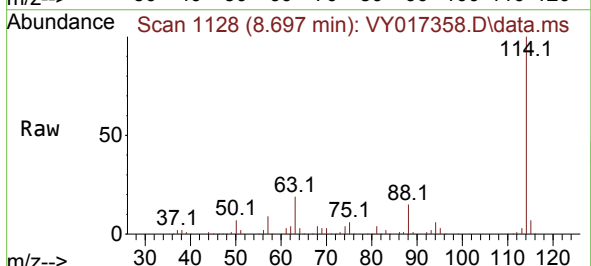
Tgt Ion: 114 Resp: 176421

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.1 0.0 29.0

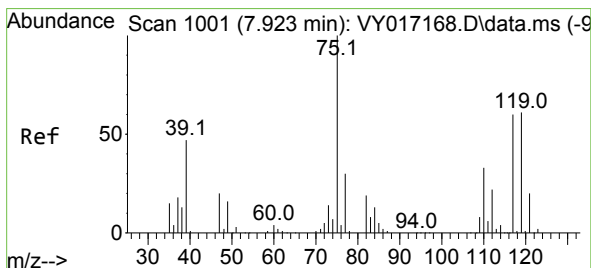
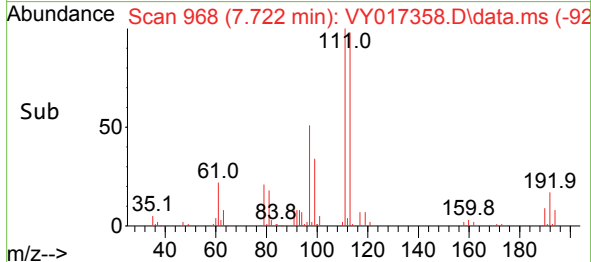
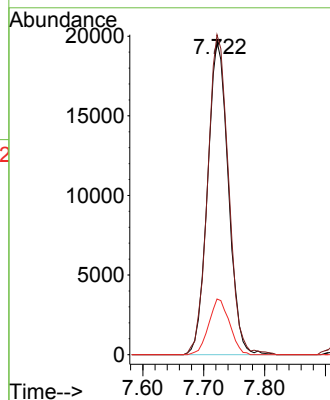
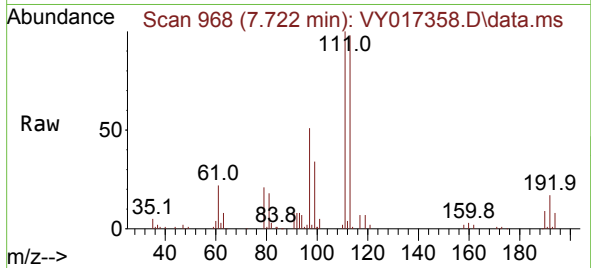




#35
Dibromofluoromethane
Concen: 48.917 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

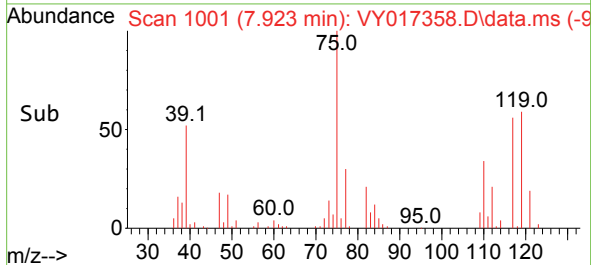
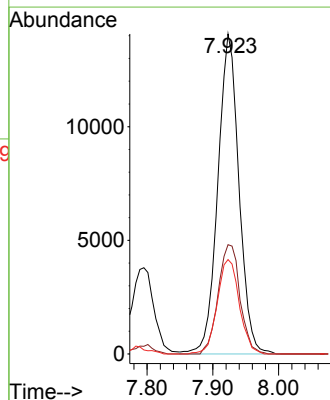
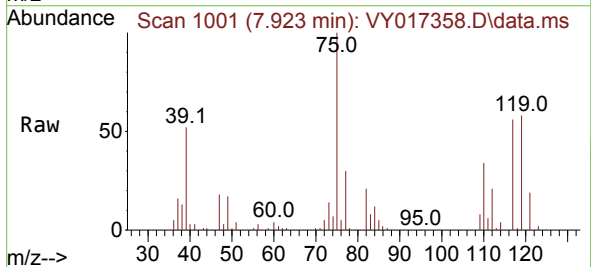
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

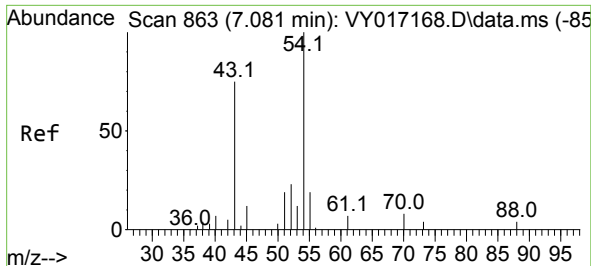
Tgt Ion:113 Resp: 46596
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.176 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 75 Resp: 31508
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.3
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 20.233 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

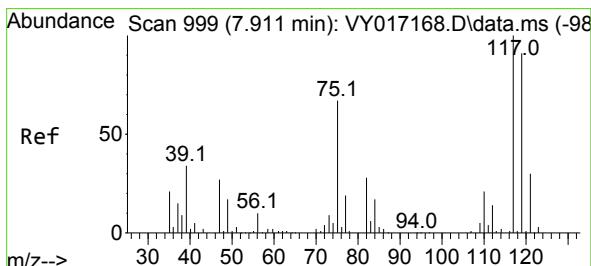
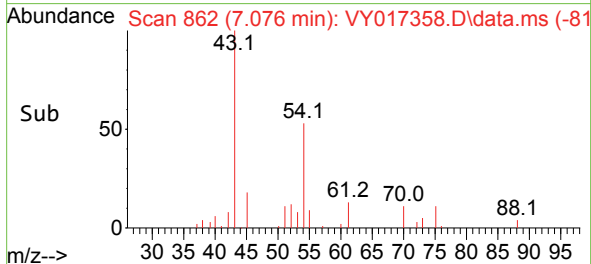
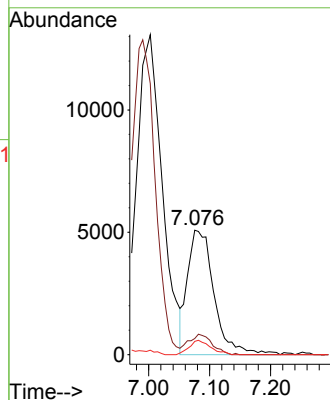
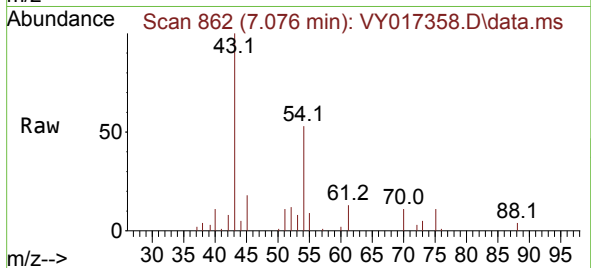
Tgt Ion: 43 Resp: 15419

Ion Ratio Lower Upper

43 100

61 14.6 11.0 16.6

70 9.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.473 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

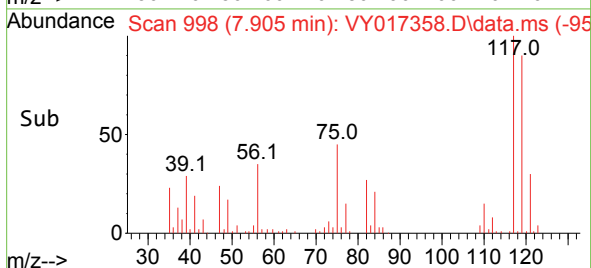
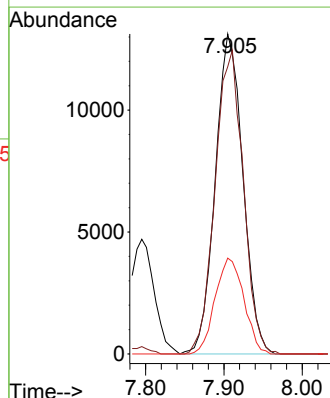
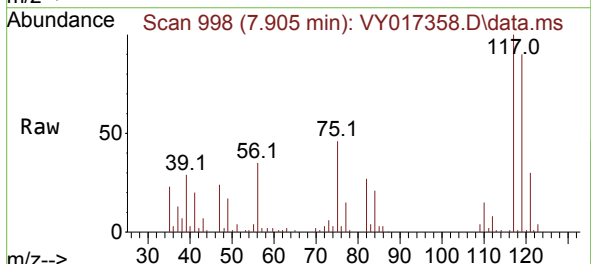
Tgt Ion: 117 Resp: 32208

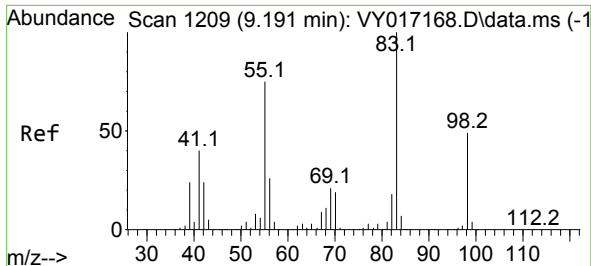
Ion Ratio Lower Upper

117 100

119 89.7 76.0 114.0

121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 17.300 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBSD01

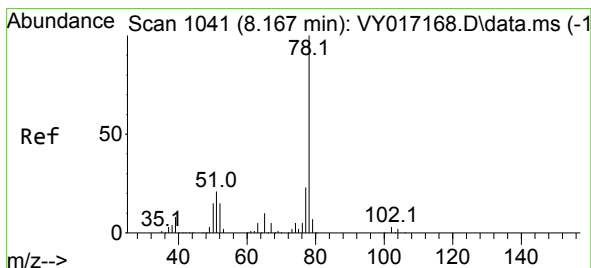
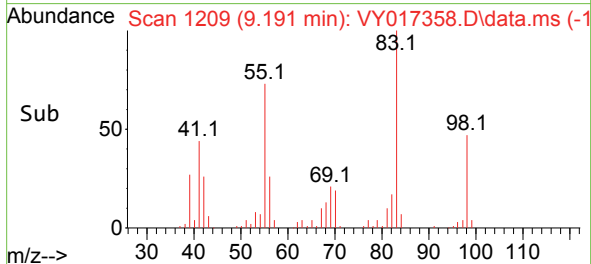
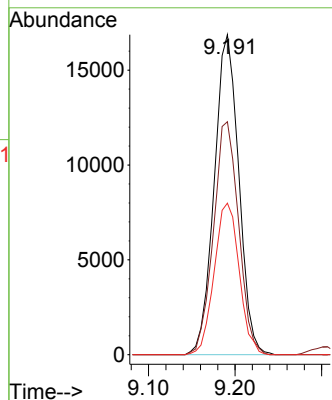
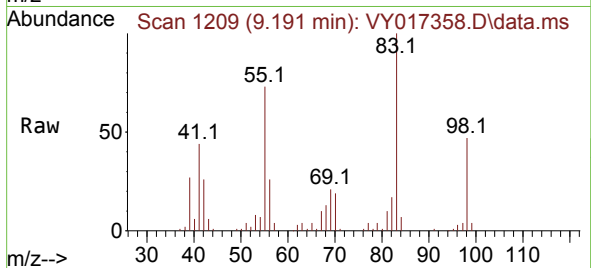
Tgt Ion: 83 Resp: 33209

Ion Ratio Lower Upper

83 100

55 72.8 59.7 89.5

98 47.3 38.0 57.0



#40

Benzene

Concen: 20.212 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017358.D

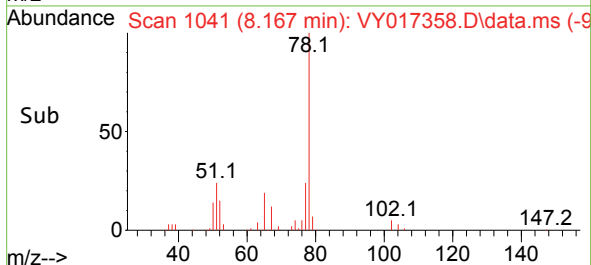
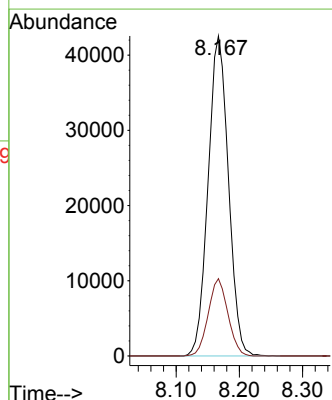
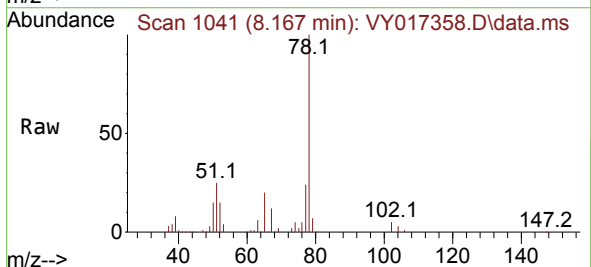
Acq: 12 Feb 2024 17:06

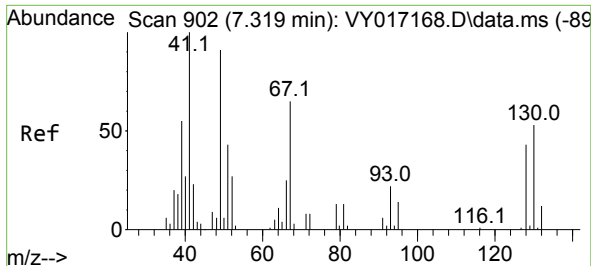
Tgt Ion: 78 Resp: 94838

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

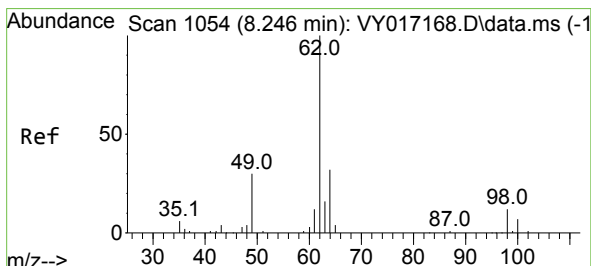
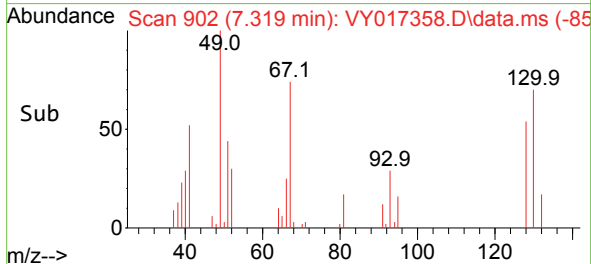
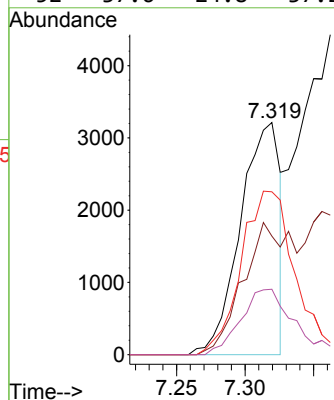
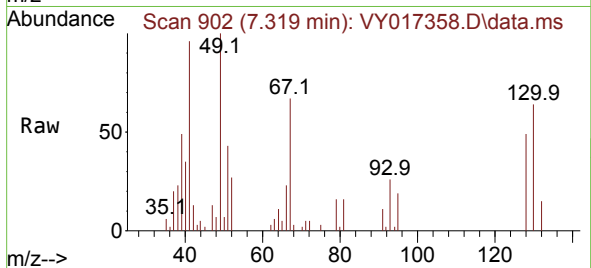




#41
Methacrylonitrile
Concen: 17.969 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

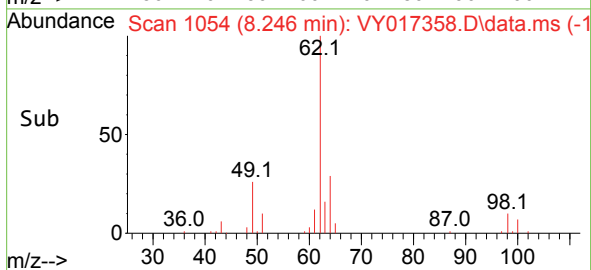
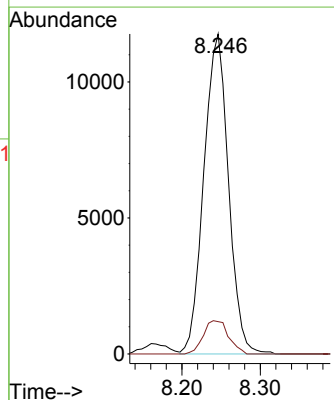
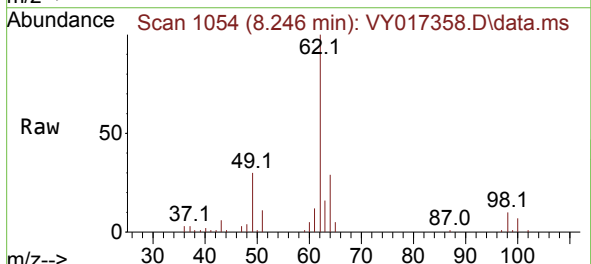
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

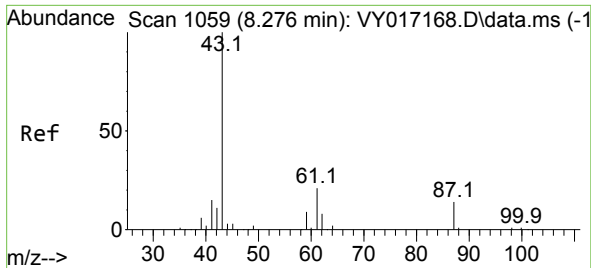
Tgt Ion: 41	Resp: 6488
Ion Ratio	Lower Upper
41 100	
39 70.7	41.9 62.9#
67 95.9	59.8 89.6#
52 37.6	24.8 37.2#



#42
1,2-Dichloroethane
Concen: 20.669 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 62	Resp: 25678
Ion Ratio	Lower Upper
62 100	
98 10.6	0.0 20.2

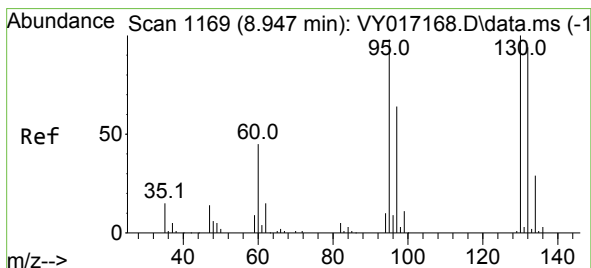
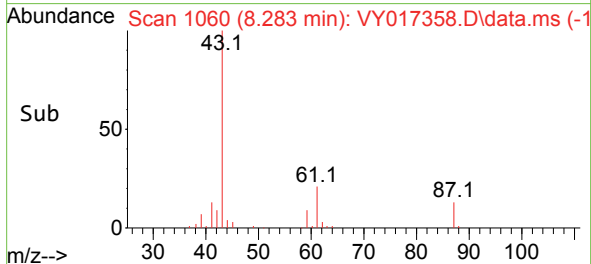
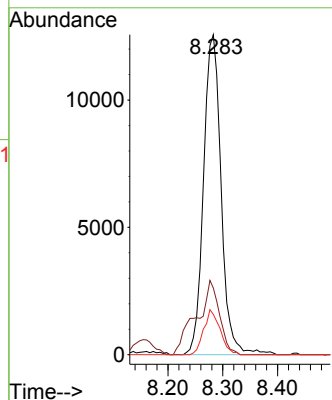
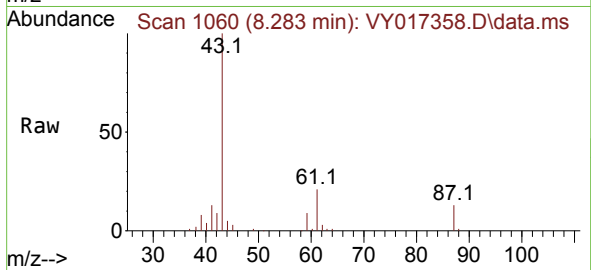




#43
Isopropyl Acetate
Concen: 20.729 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

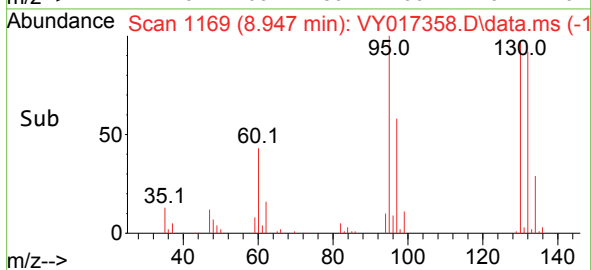
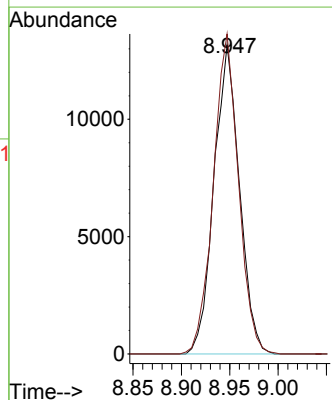
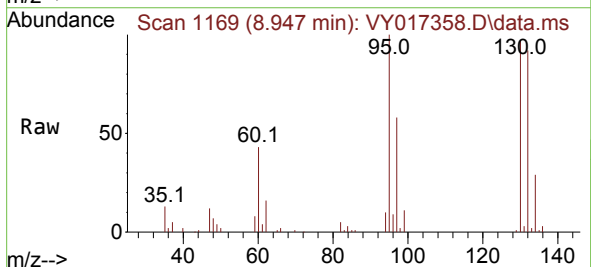
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

Tgt Ion: 43 Resp: 27964
Ion Ratio Lower Upper
43 100
61 30.5 24.8 37.2
87 13.1 10.7 16.1



#44
Trichloroethene
Concen: 20.227 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion:130 Resp: 24092
Ion Ratio Lower Upper
130 100
95 103.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.816 ug/l

RT: 9.222 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

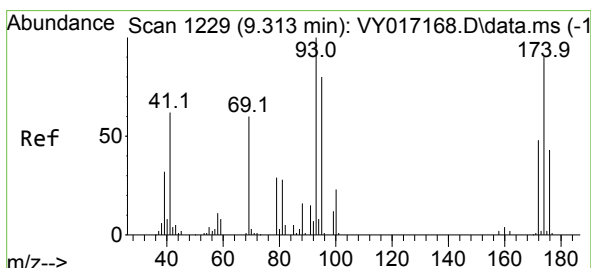
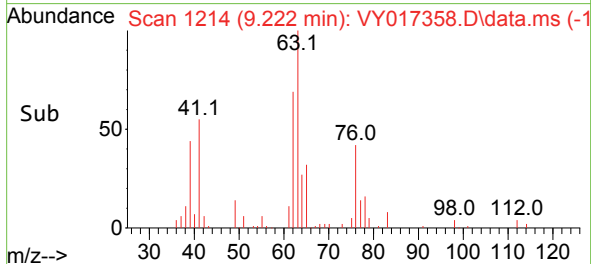
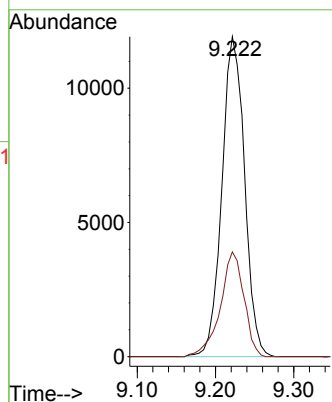
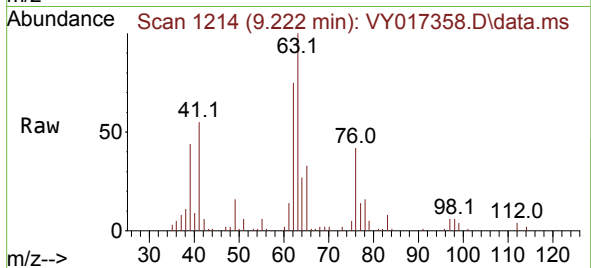
VY0212SBS01

Tgt Ion: 63 Resp: 23991

Ion Ratio Lower Upper

63 100

65 32.8 24.6 36.8



#46

Dibromomethane

Concen: 20.960 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

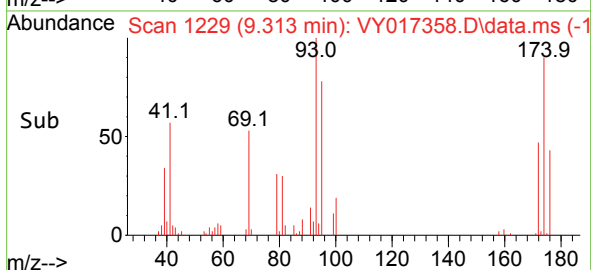
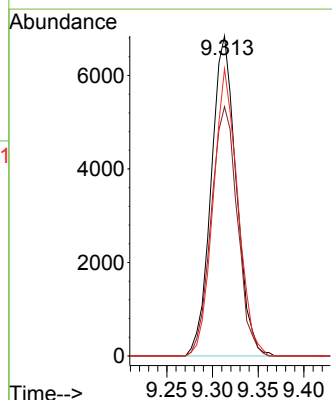
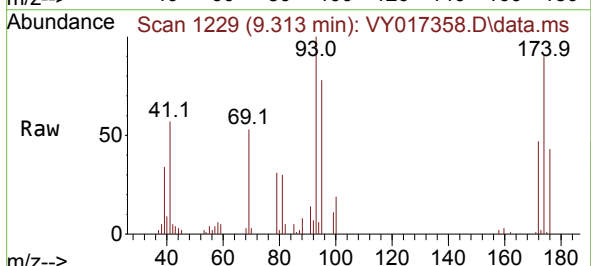
Tgt Ion: 93 Resp: 13049

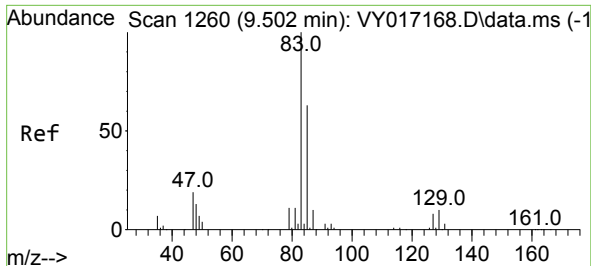
Ion Ratio Lower Upper

93 100

95 81.3 66.6 99.8

174 87.7 73.8 110.6

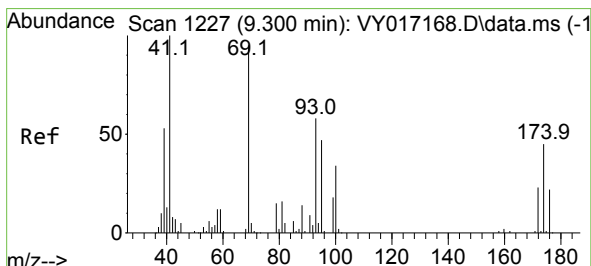
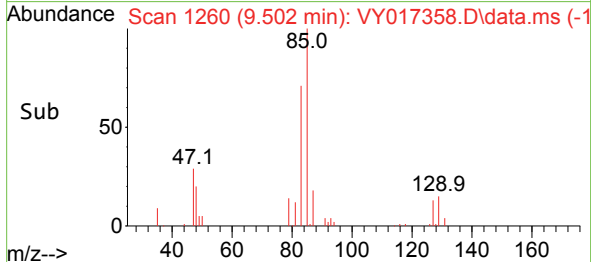
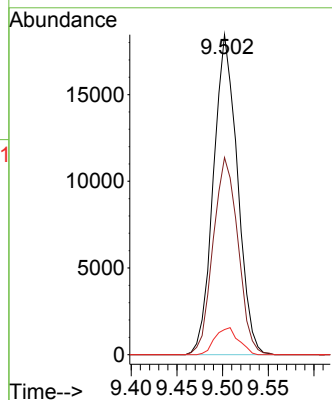
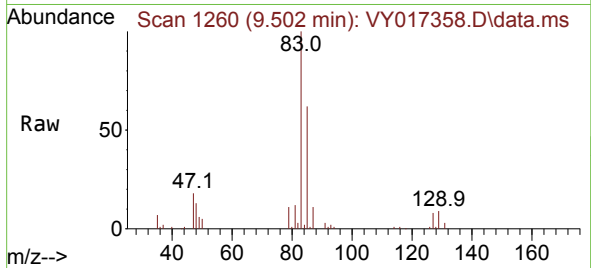




#47
Bromodichloromethane
Concen: 21.618 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

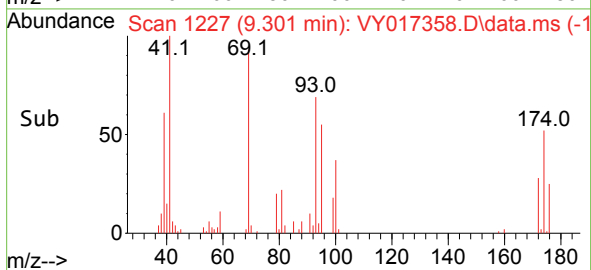
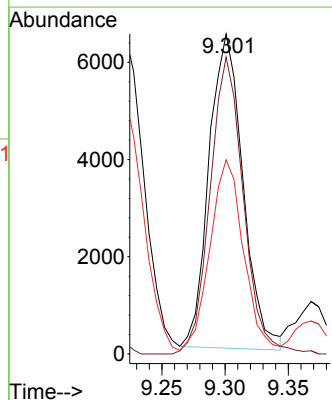
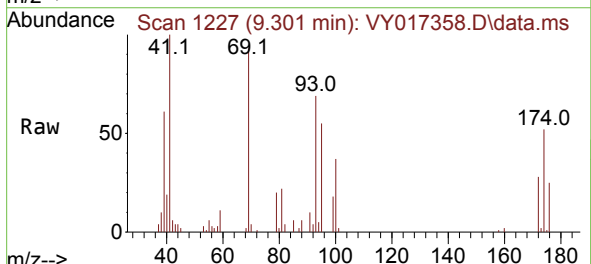
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

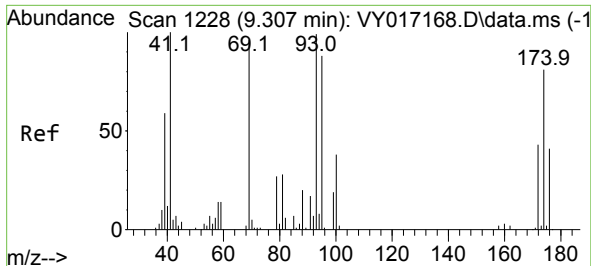
Tgt Ion: 83 Resp: 33683
Ion Ratio Lower Upper
83 100
85 61.6 53.2 79.8
127 7.8 6.4 9.6



#48
Methyl methacrylate
Concen: 19.056 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 41 Resp: 12058
Ion Ratio Lower Upper
41 100
69 92.8 72.1 108.1
39 62.1 42.8 64.2





#49

1,4-Dioxane

Concen: 410.099 ug/l

RT: 9.325 min Scan# 1228

Delta R.T. 0.019 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

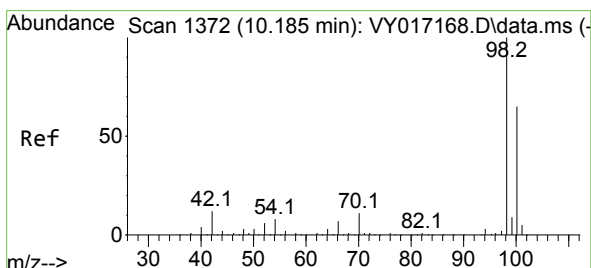
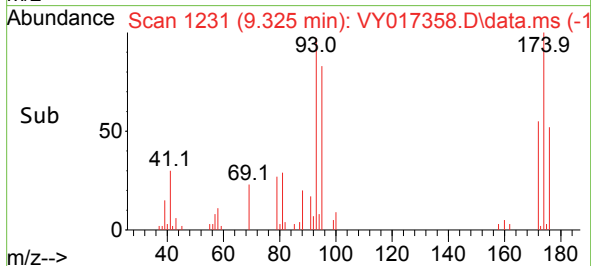
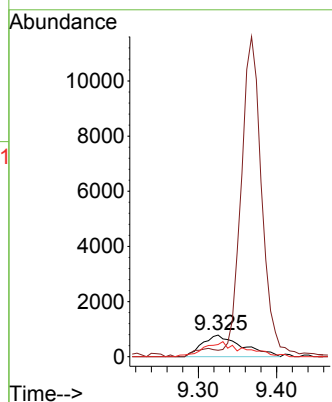
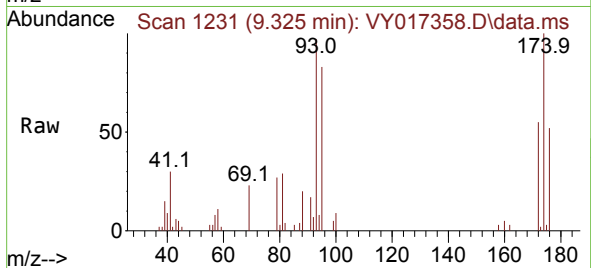
Tgt Ion: 88 Resp: 2779

Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.4#

58 69.7 52.2 78.2



#50

Toluene-d8

Concen: 48.864 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017358.D

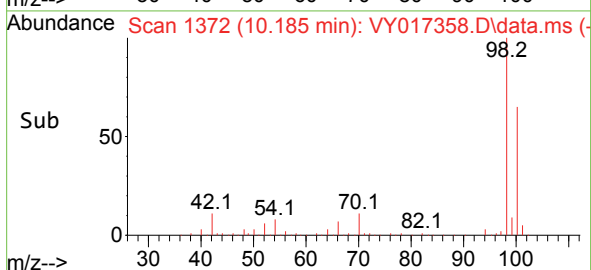
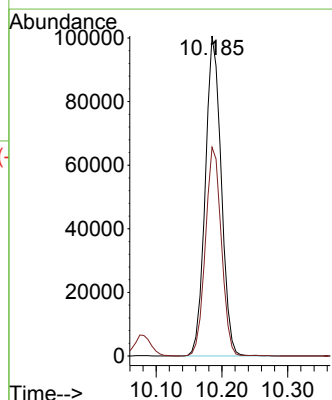
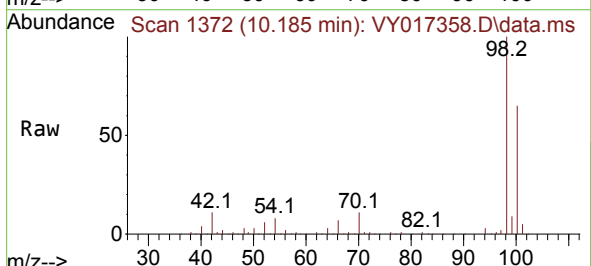
Acq: 12 Feb 2024 17:06

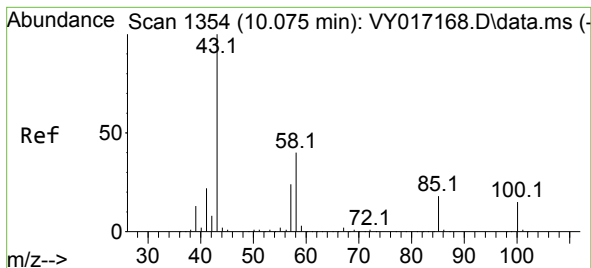
Tgt Ion: 98 Resp: 169469

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

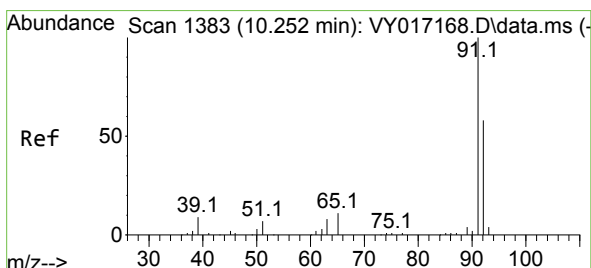
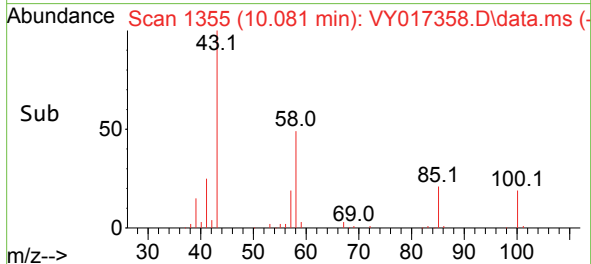
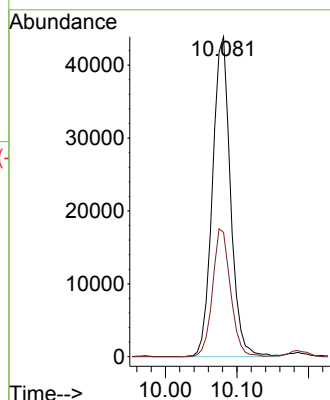
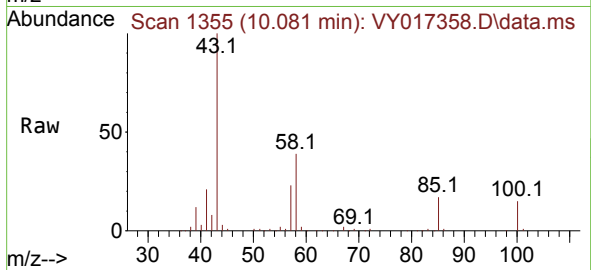




#51
4-Methyl-2-Pentanone
Concen: 106.352 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

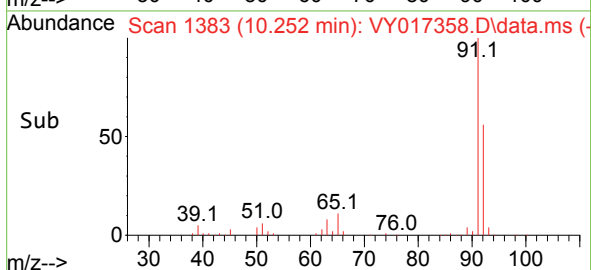
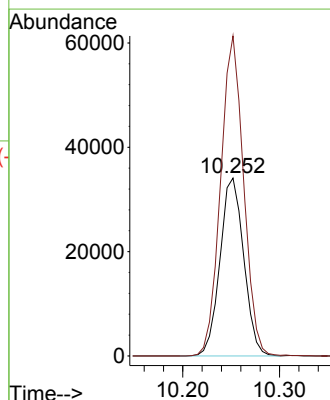
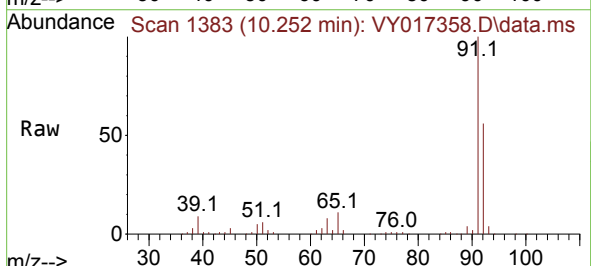
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

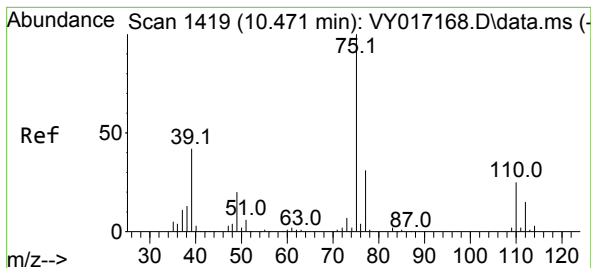
Tgt Ion: 43 Resp: 76909
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.2



#52
Toluene
Concen: 20.518 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 92 Resp: 58112
Ion Ratio Lower Upper
92 100
91 174.6 137.6 206.4

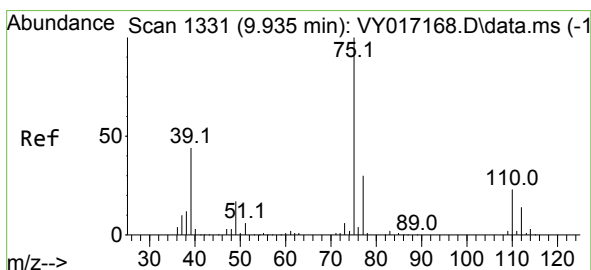
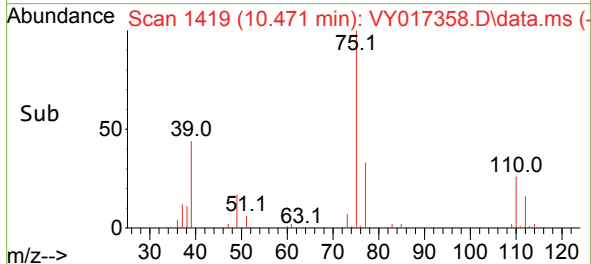
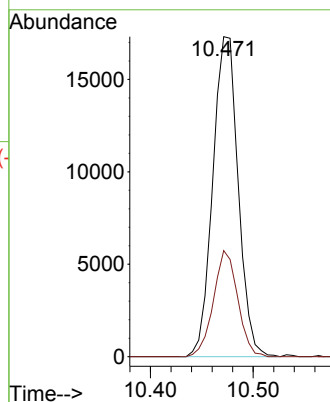
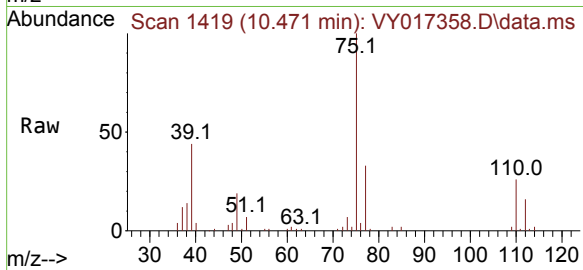




#53
 t-1,3-Dichloropropene
 Concen: 20.291 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017358.D
 Acq: 12 Feb 2024 17:06

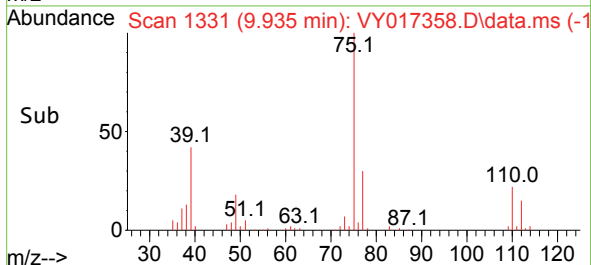
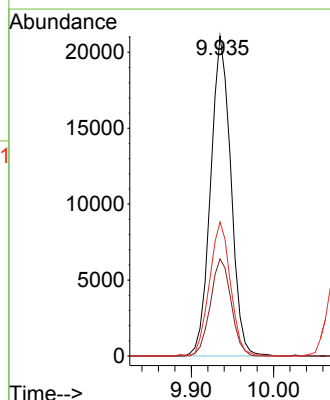
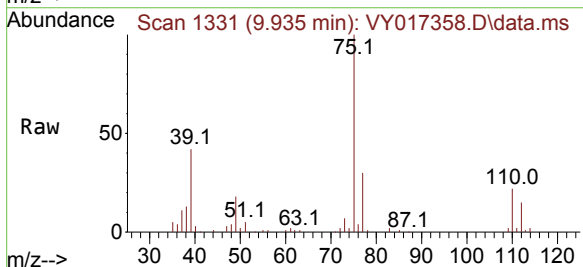
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBSD01

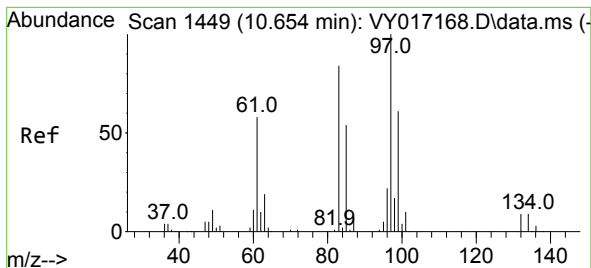
Tgt Ion: 75 Resp: 29696
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.550 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017358.D
 Acq: 12 Feb 2024 17:06

Tgt Ion: 75 Resp: 36024
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.6 36.8
 39 41.9 33.6 50.4

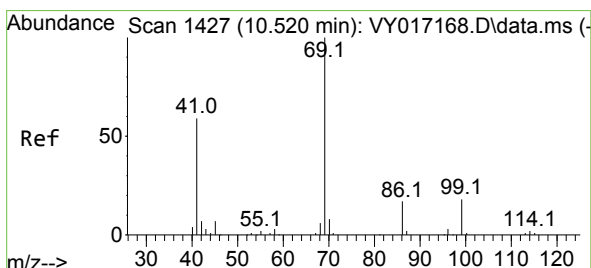
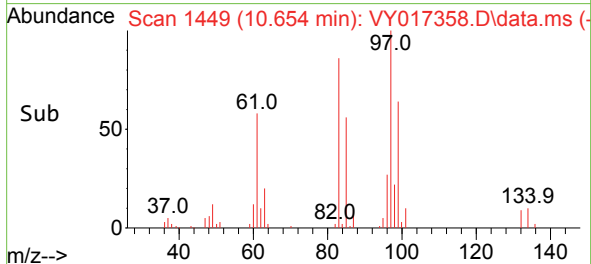
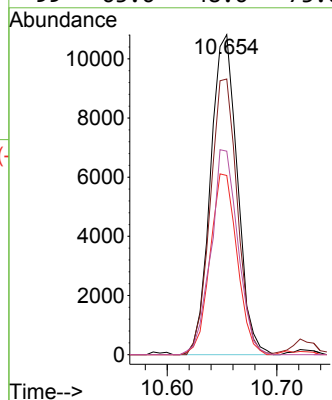
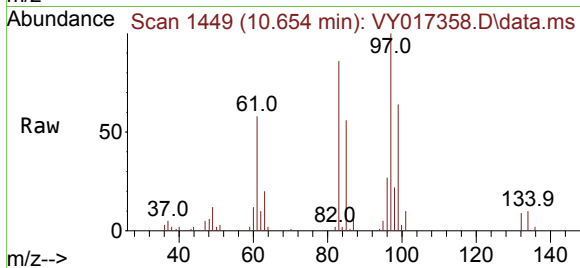




#55
1,1,2-Trichloroethane
Concen: 21.768 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

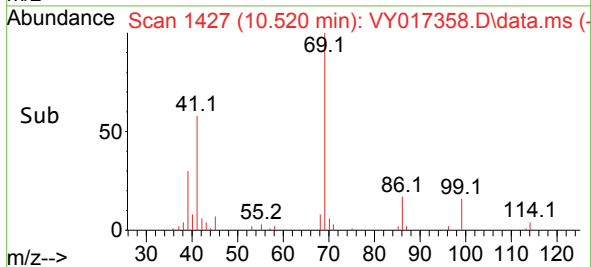
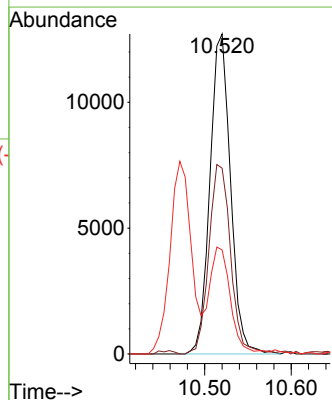
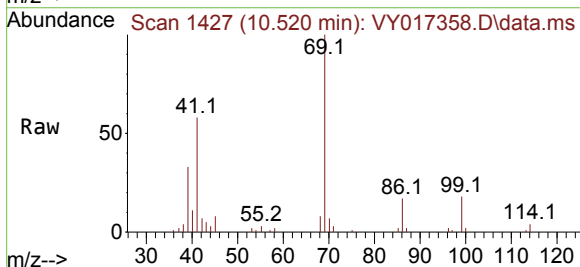
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

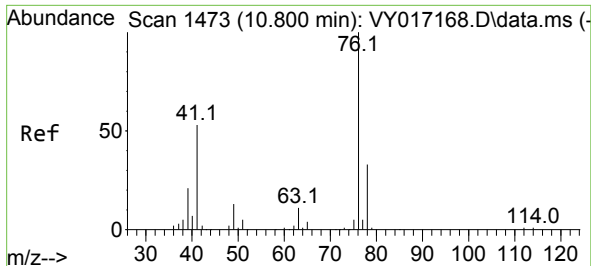
Tgt Ion: 97	Resp: 18439
Ion Ratio	Lower Upper
97 100	
83 86.2	69.4 104.2
85 56.0	43.9 65.9
99 63.6	48.6 73.0



#56
Ethyl methacrylate
Concen: 20.376 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 69	Resp: 20997
Ion Ratio	Lower Upper
69 100	
41 63.0	49.2 73.8
39 33.1	26.8 40.2





#57

1,3-Dichloropropane

Concen: 20.946 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

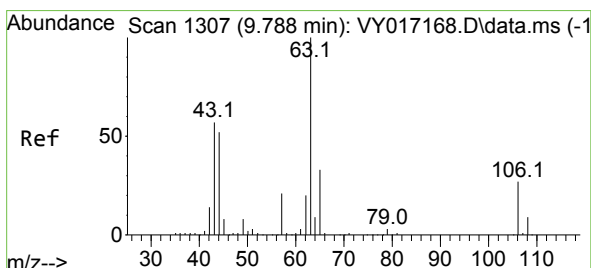
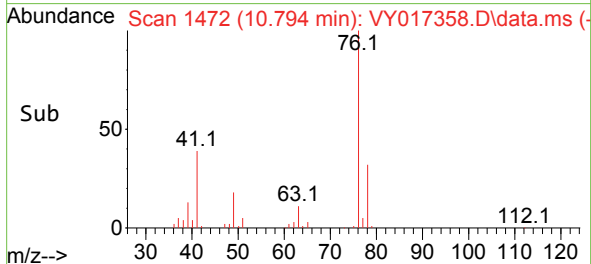
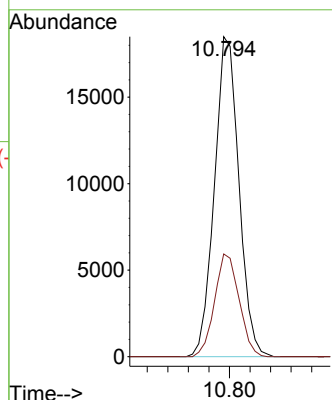
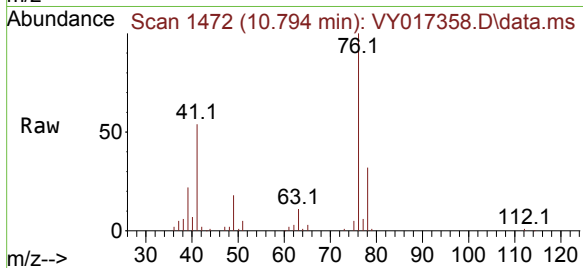
VY0212SBS01

Tgt Ion: 76 Resp: 30517

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 103.125 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017358.D

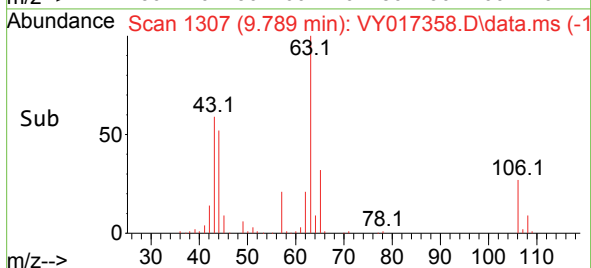
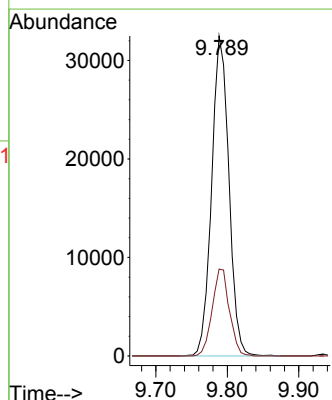
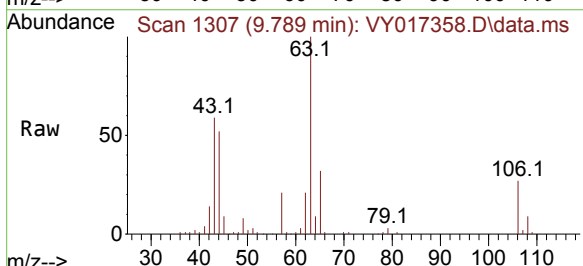
Acq: 12 Feb 2024 17:06

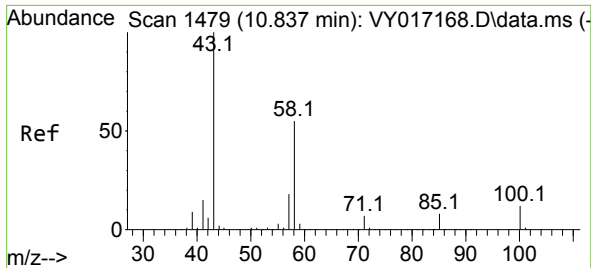
Tgt Ion: 63 Resp: 54419

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6

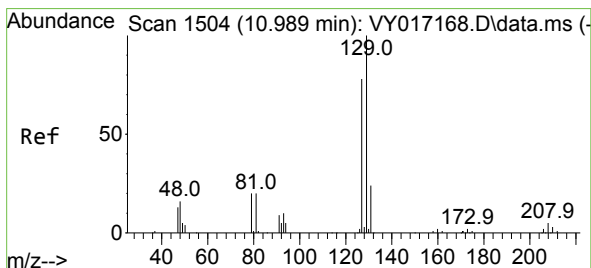
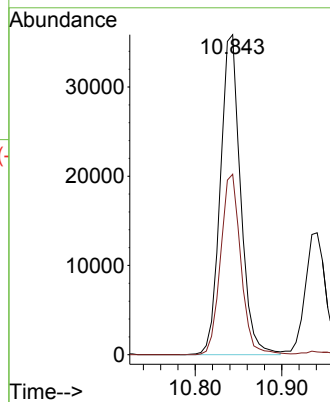
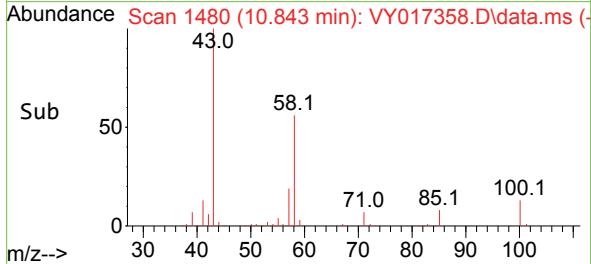
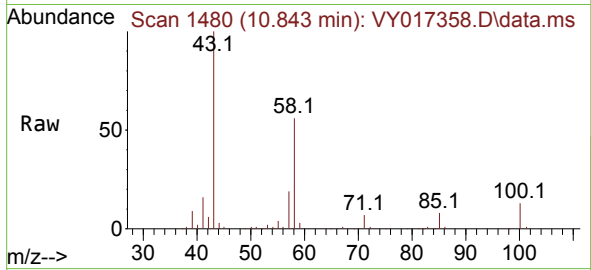




#59
2-Hexanone
Concen: 111.117 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

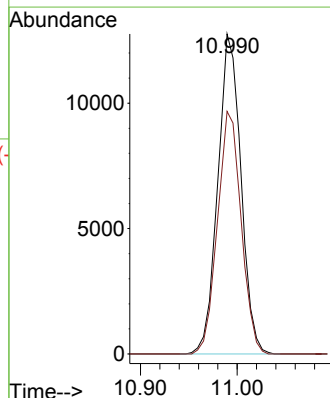
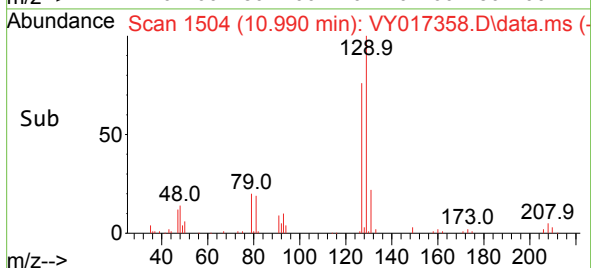
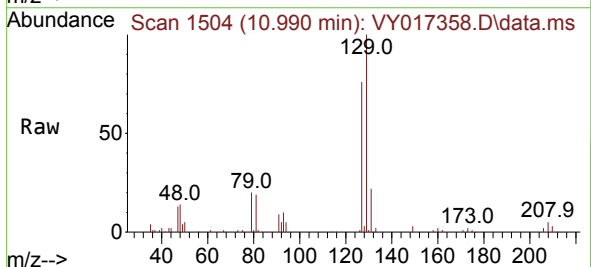
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

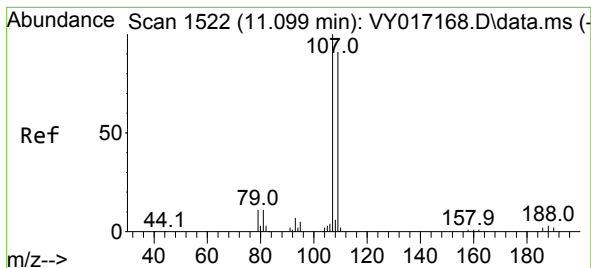
Tgt Ion: 43 Resp: 58105
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 21.255 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 129 Resp: 21121
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

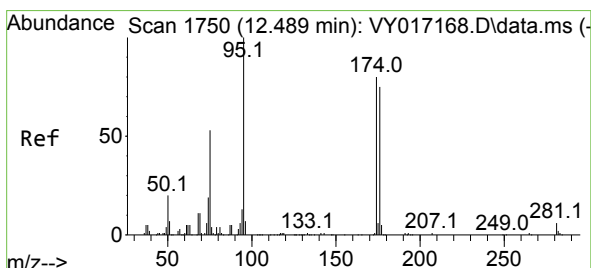
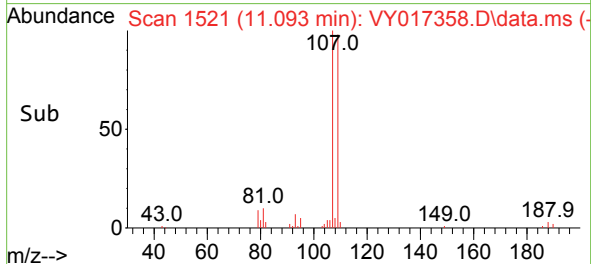
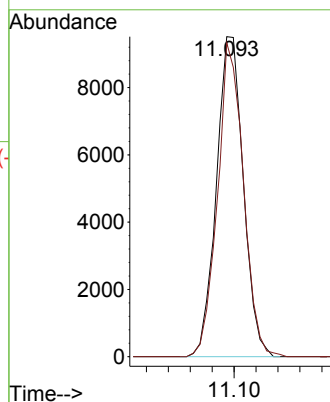
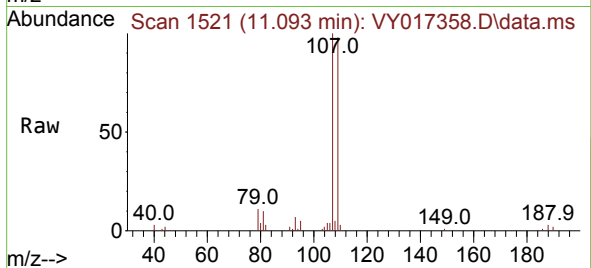




#61
1,2-Dibromoethane
Concen: 20.596 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

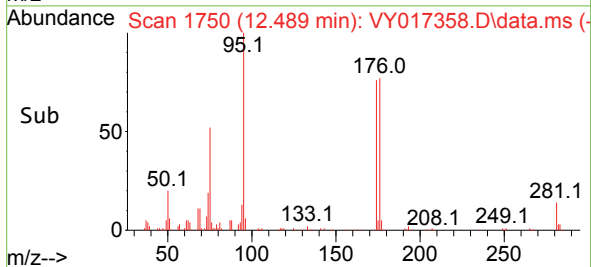
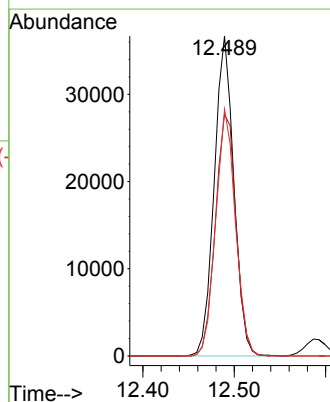
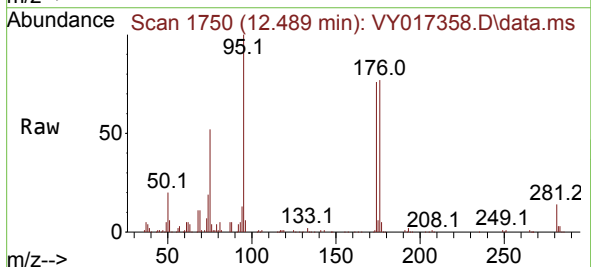
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

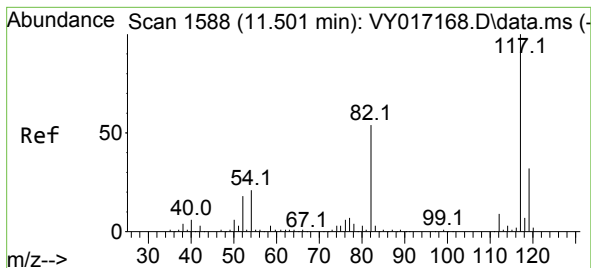
Tgt Ion:107 Resp: 16225
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.082 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 95 Resp: 54627
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.0
176 77.8 0.0 151.8

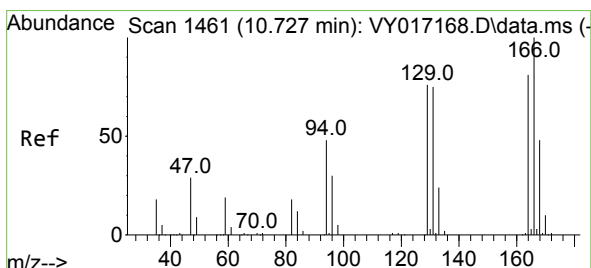
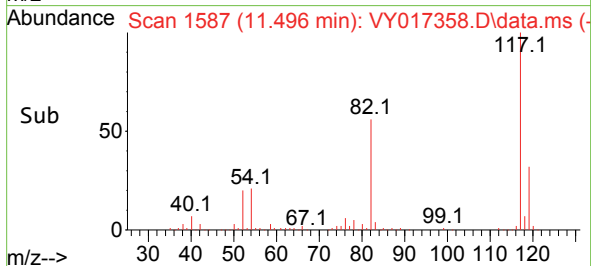
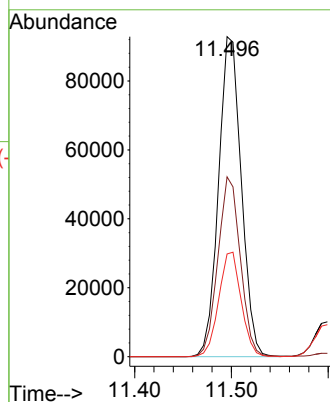
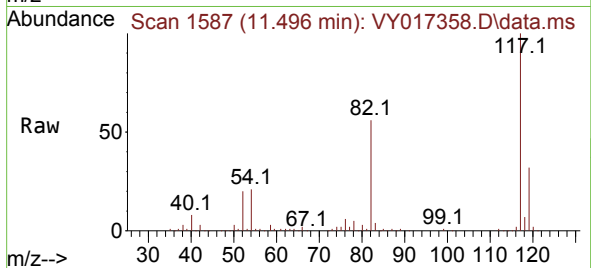




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

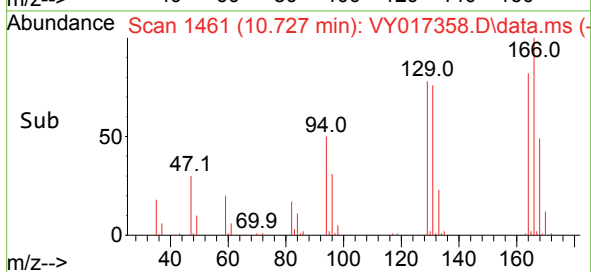
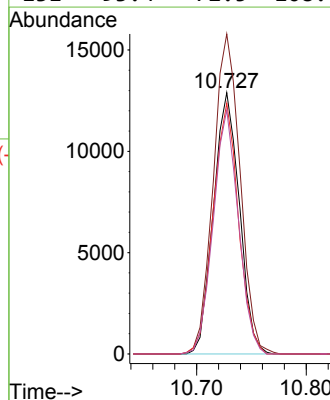
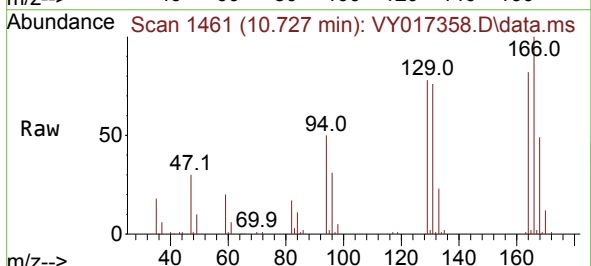
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

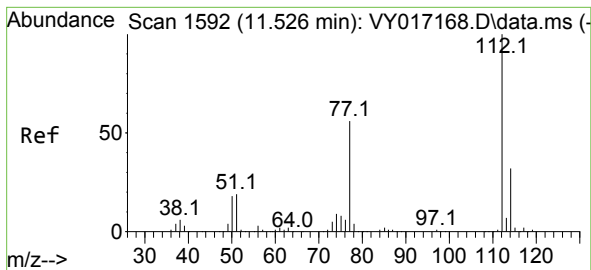
Tgt Ion:117 Resp: 151488
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 32.1 26.5 39.7



#64
Tetrachloroethene
Concen: 21.500 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion:164 Resp: 21153
Ion Ratio Lower Upper
164 100
166 122.5 98.8 148.2
129 95.9 78.9 118.3
131 93.4 72.5 108.7

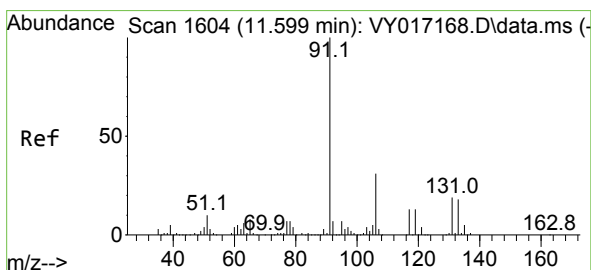
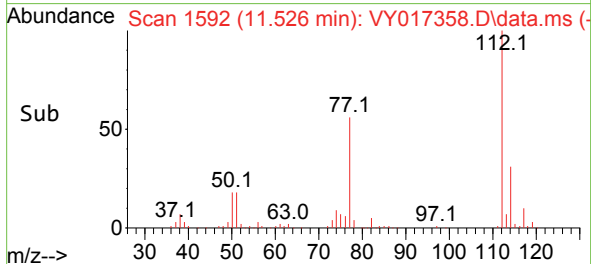
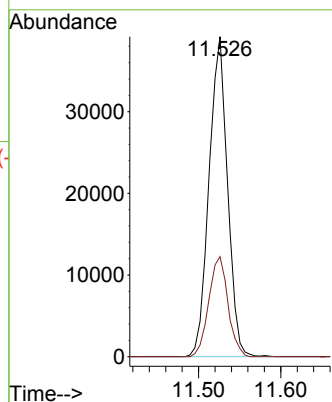
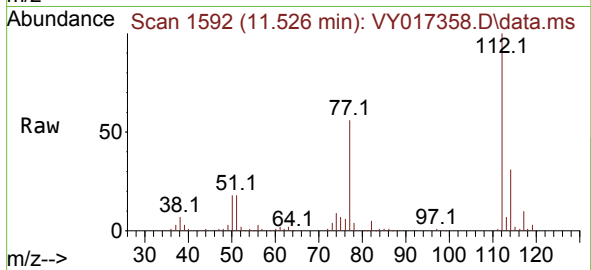




#65
Chlorobenzene
Concen: 20.922 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

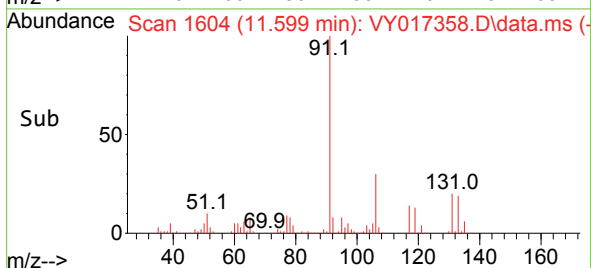
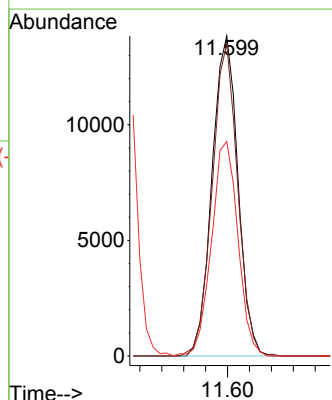
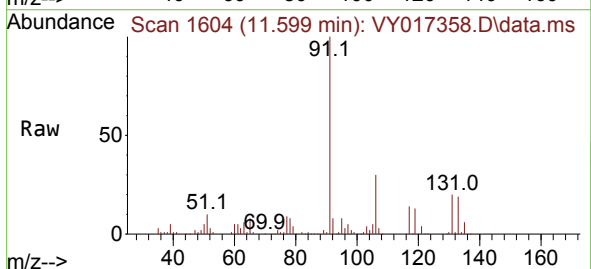
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

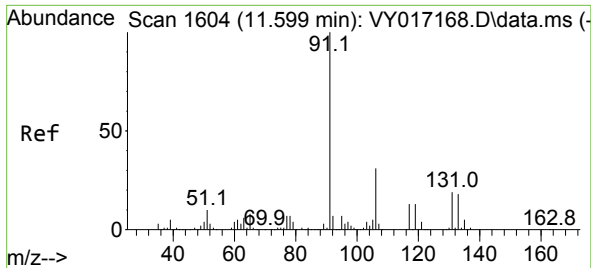
Tgt Ion:112 Resp: 61141
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.358 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion:131 Resp: 22682
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.0
119 68.3 33.3 99.9

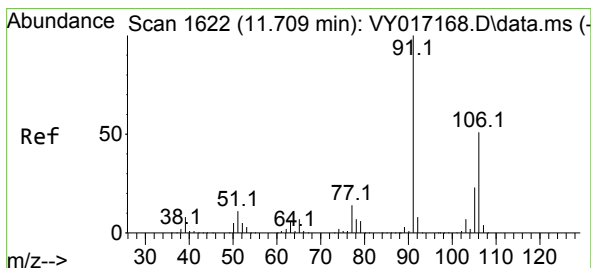
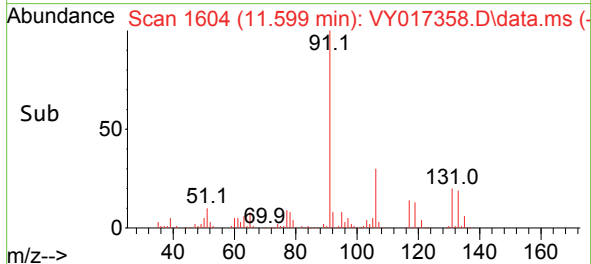
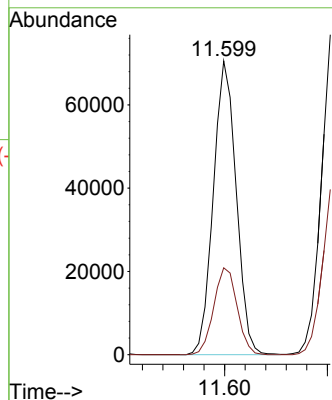
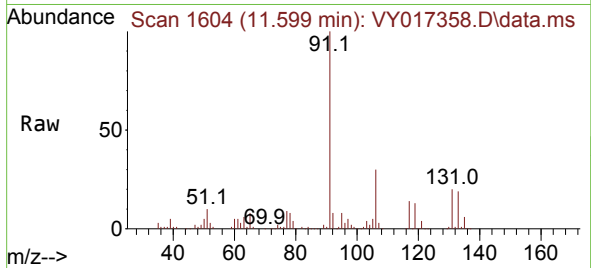




#67
Ethyl Benzene
Concen: 20.616 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

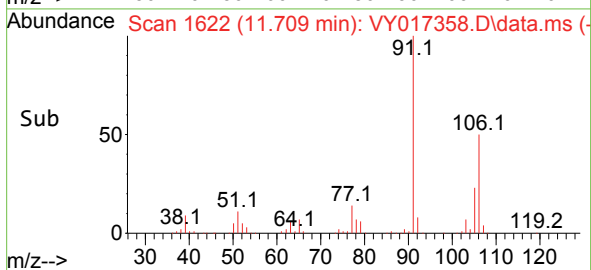
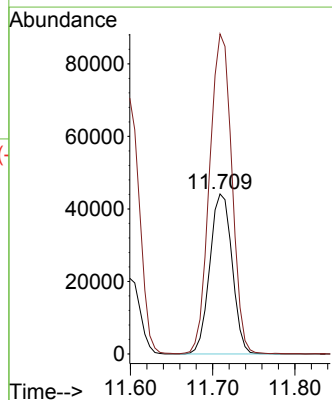
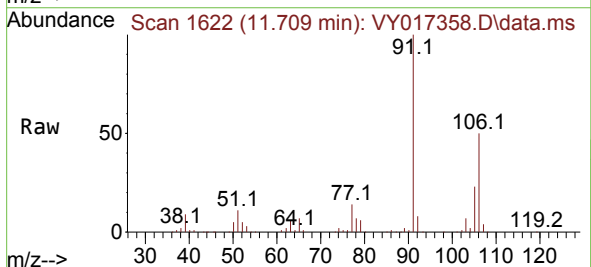
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

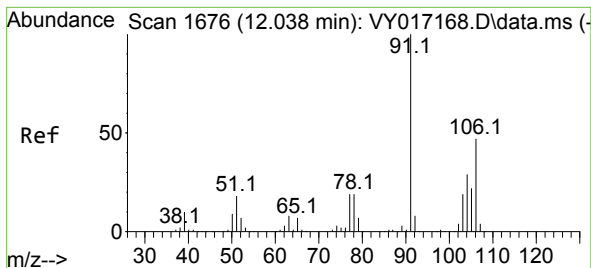
Tgt Ion: 91 Resp: 108884
Ion Ratio Lower Upper
91 100
106 29.6 25.0 37.4



#68
m/p-Xylenes
Concen: 41.455 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion:106 Resp: 83088
Ion Ratio Lower Upper
106 100
91 200.0 160.7 241.1





#69

o-Xylene

Concen: 21.007 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

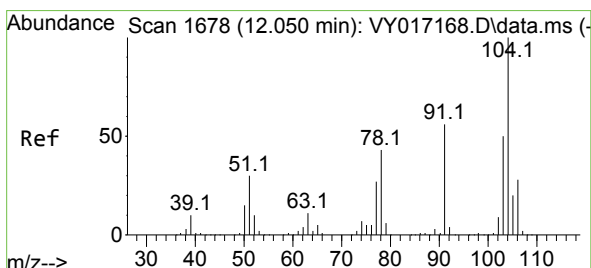
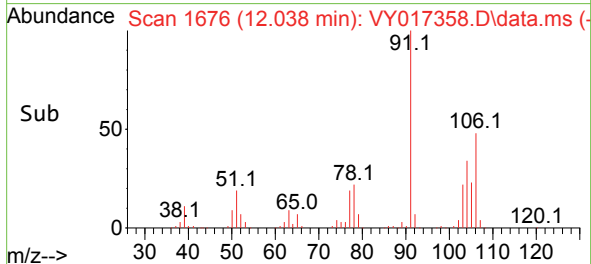
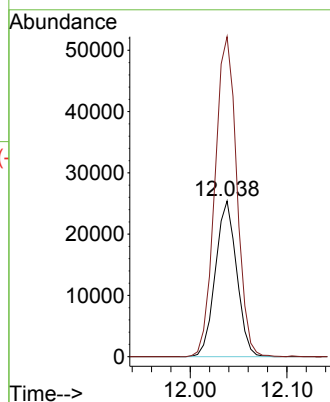
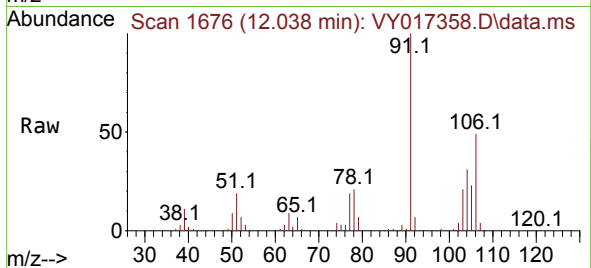
VY0212SBSD01

Tgt Ion:106 Resp: 38773

Ion Ratio Lower Upper

106 100

91 211.0 106.5 319.5



#70

Styrene

Concen: 21.140 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

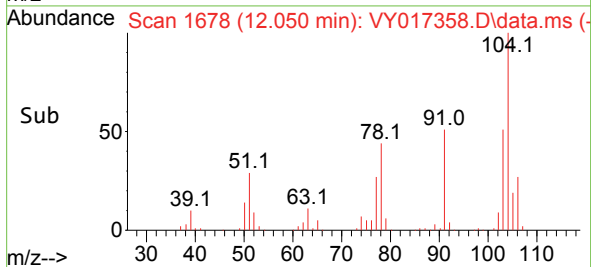
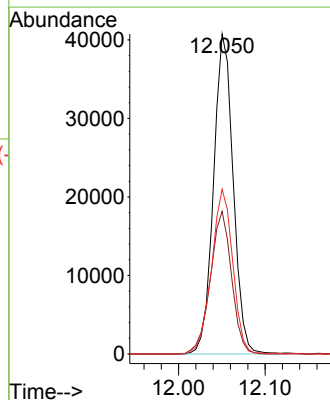
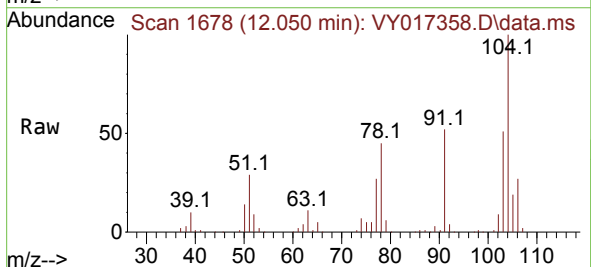
Tgt Ion:104 Resp: 64289

Ion Ratio Lower Upper

104 100

78 48.0 39.2 58.8

103 55.5 43.8 65.6





#71

Bromoform

Concen: 21.686 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

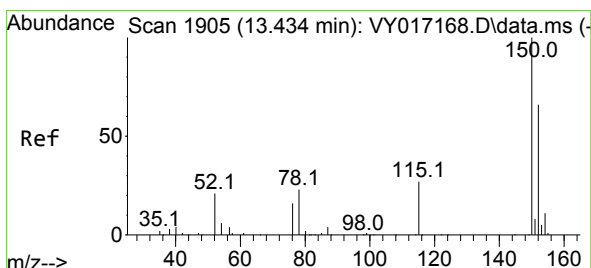
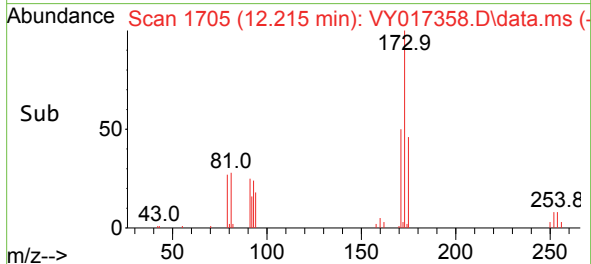
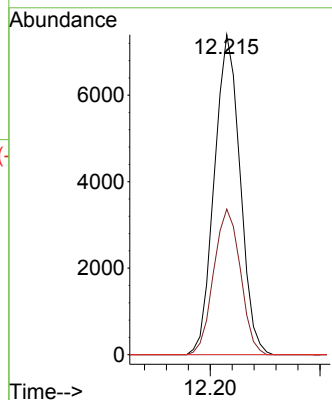
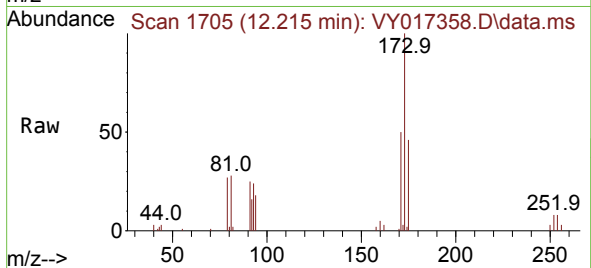
Tgt Ion:173 Resp: 12061

Ion Ratio Lower Upper

173 100

175 47.2 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

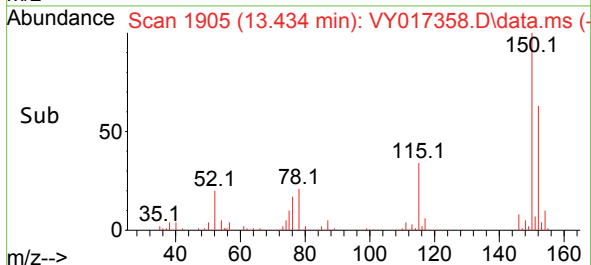
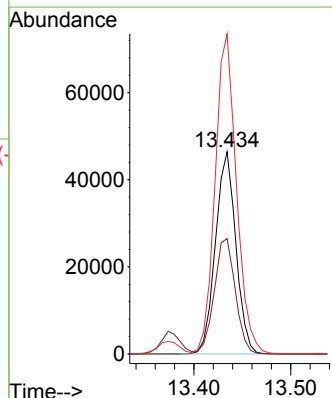
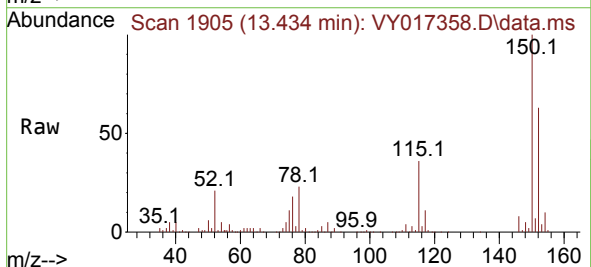
Tgt Ion:152 Resp: 68020

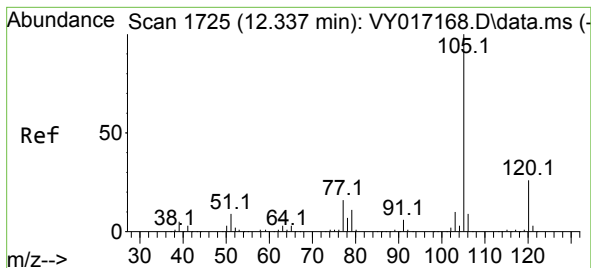
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 165.6 0.0 344.6





#73

Isopropylbenzene

Concen: 20.687 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

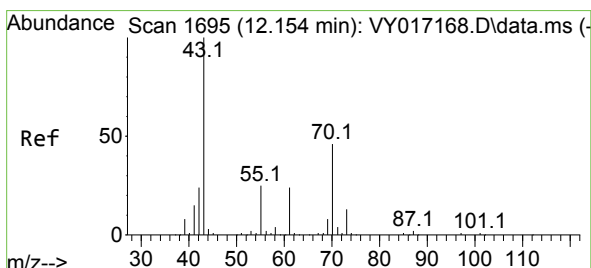
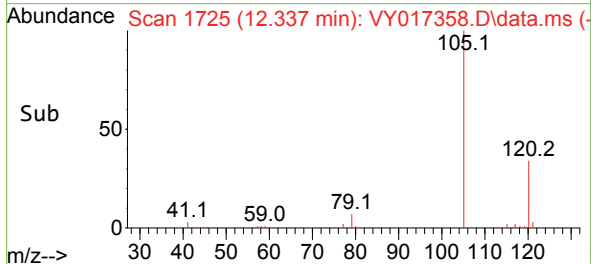
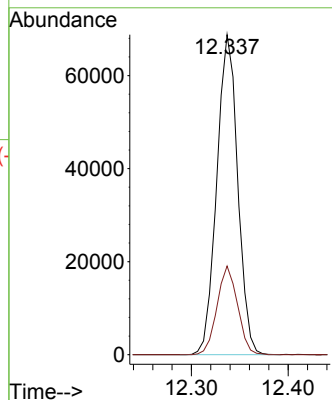
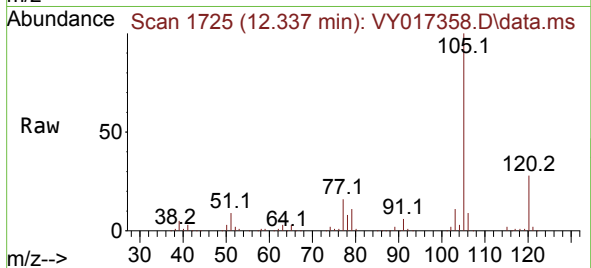
VY0212SBS01

Tgt Ion:105 Resp: 103372

Ion Ratio Lower Upper

105 100

120 27.1 13.0 39.0



#74

N-ethyl acetate

Concen: 20.878 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Tgt Ion: 43 Resp: 23442

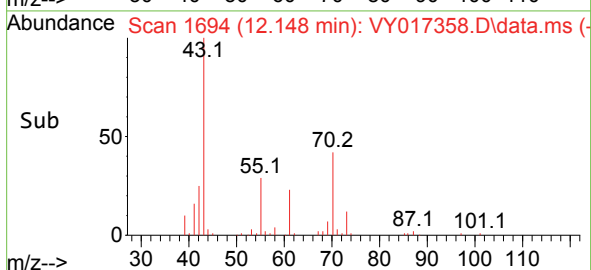
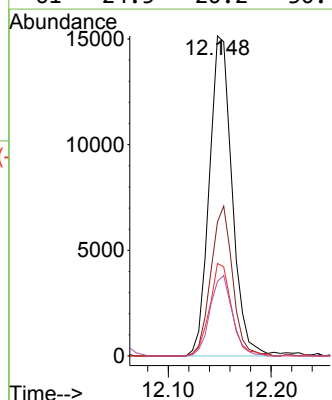
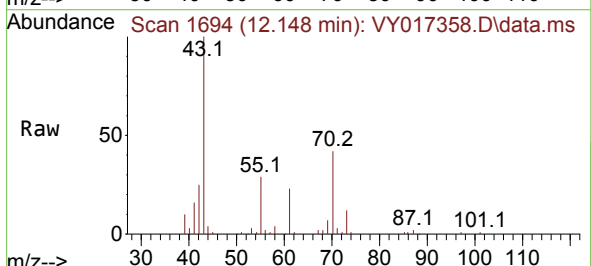
Ion Ratio Lower Upper

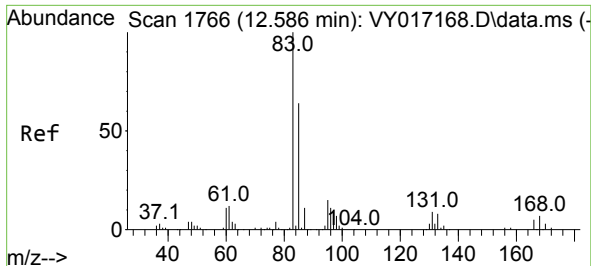
43 100

70 44.6 36.6 55.0

55 28.0 22.2 33.4

61 24.5 20.2 30.4

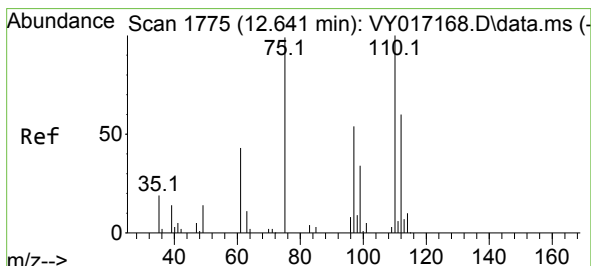
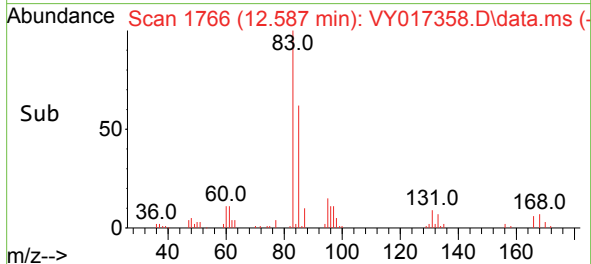
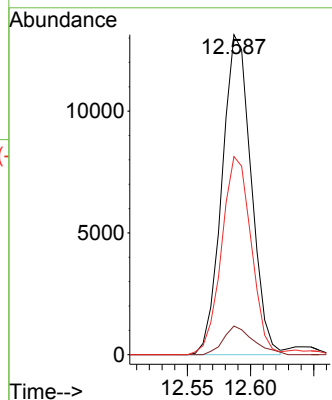
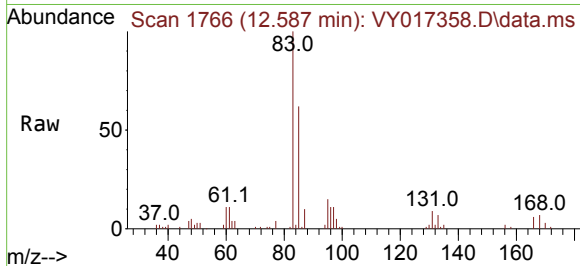




#75
1,1,2,2-Tetrachloroethane
Concen: 21.367 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

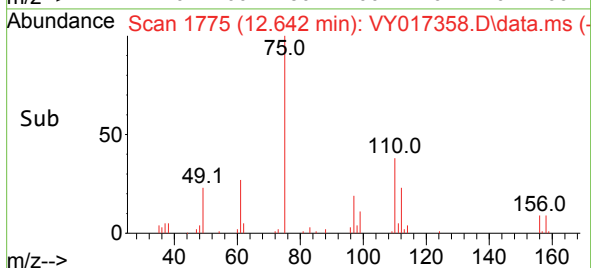
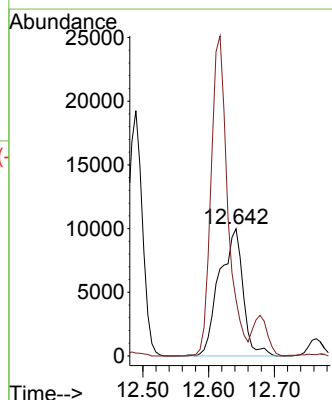
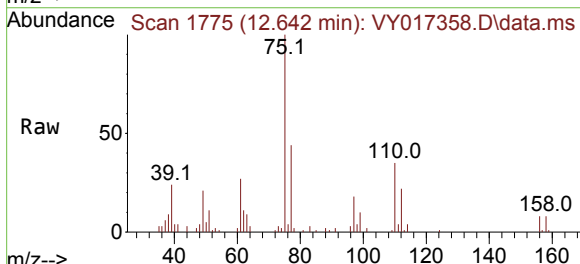
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

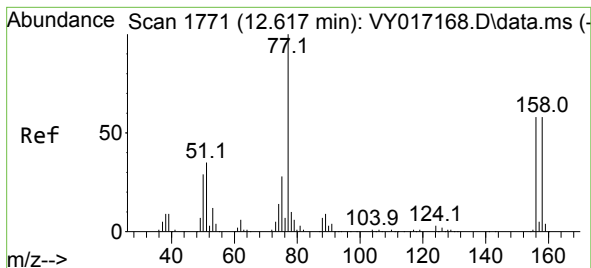
Tgt Ion: 83 Resp: 21000
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 63.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 39.897 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 75 Resp: 25048
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.960 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBSD01

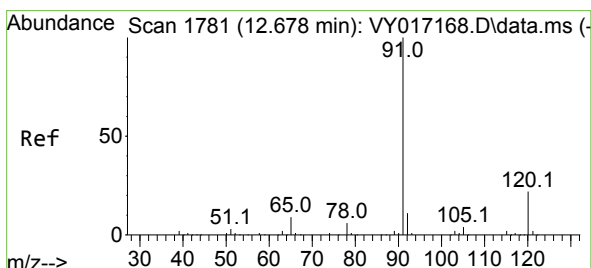
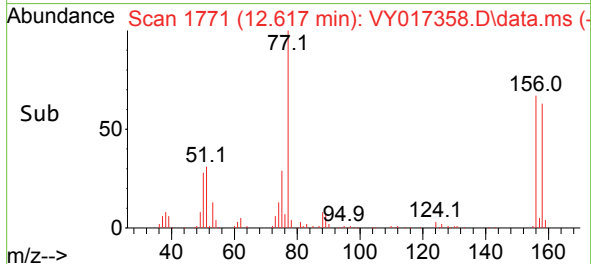
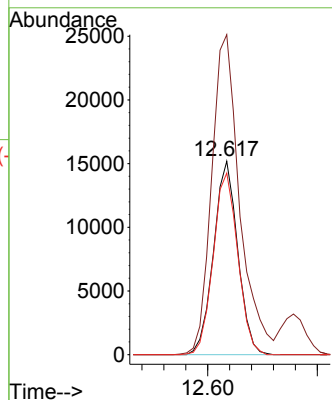
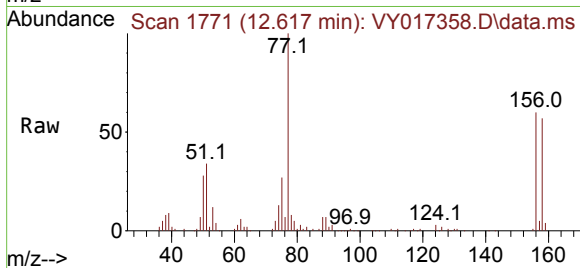
Tgt Ion:156 Resp: 23232

Ion Ratio Lower Upper

156 100

77 192.2 97.3 291.8

158 95.6 48.4 145.0



#78

n-propylbenzene

Concen: 21.093 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017358.D

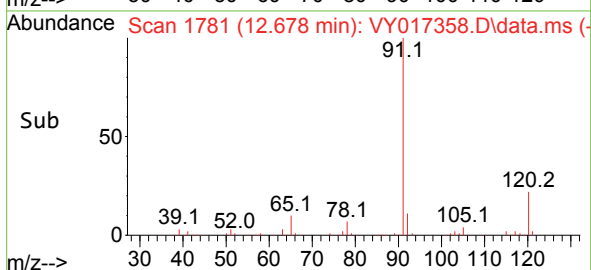
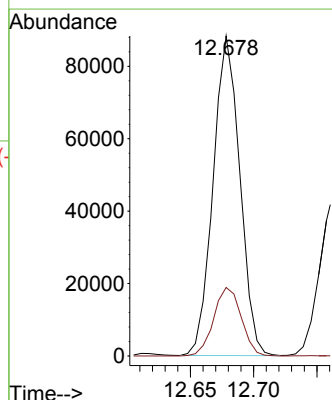
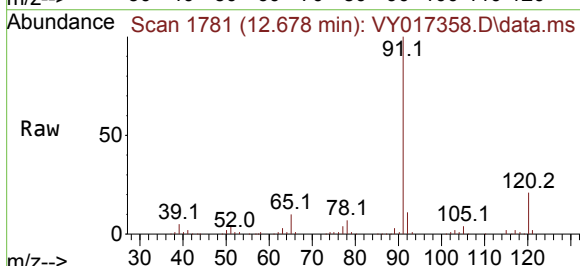
Acq: 12 Feb 2024 17:06

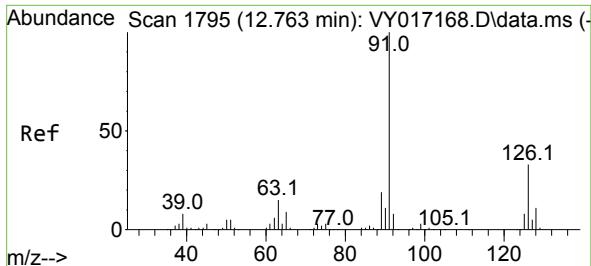
Tgt Ion: 91 Resp: 129452

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

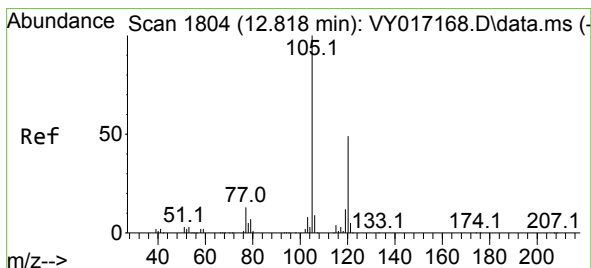
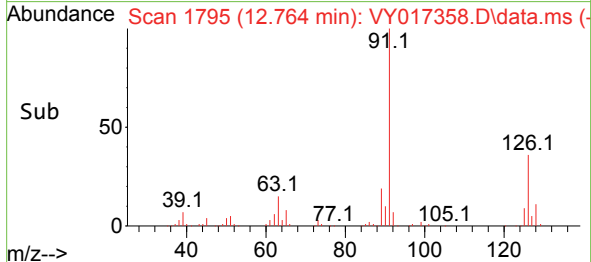
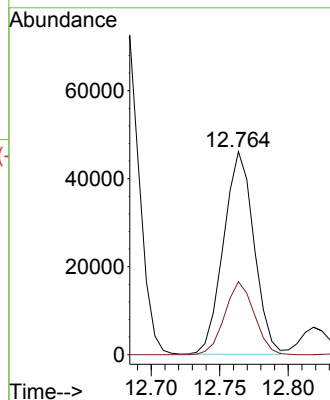
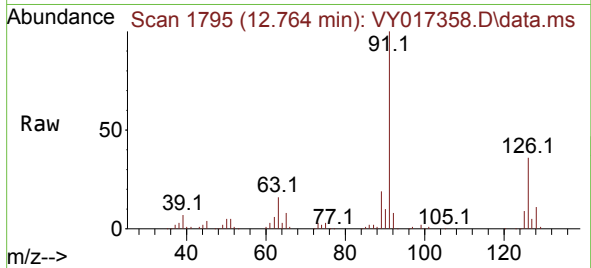




#79
2-Chlorotoluene
Concen: 21.164 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

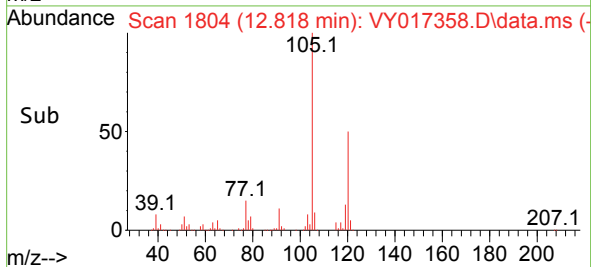
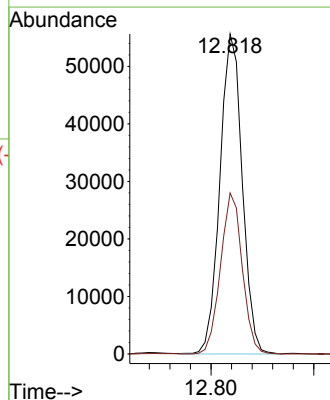
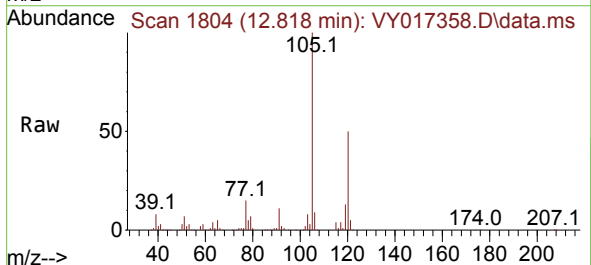
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBSD01

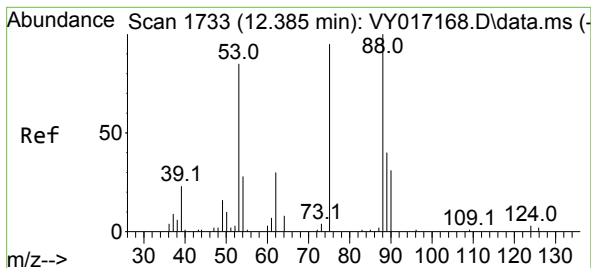
Tgt Ion: 91 Resp: 71410
Ion Ratio Lower Upper
91 100
126 34.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.066 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 105 Resp: 83720
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

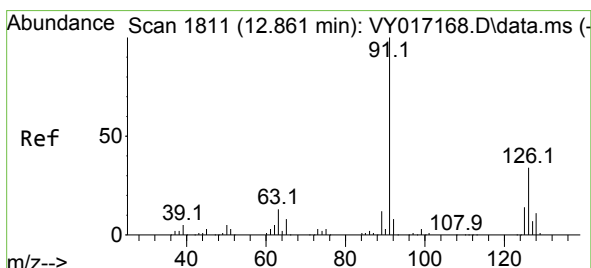
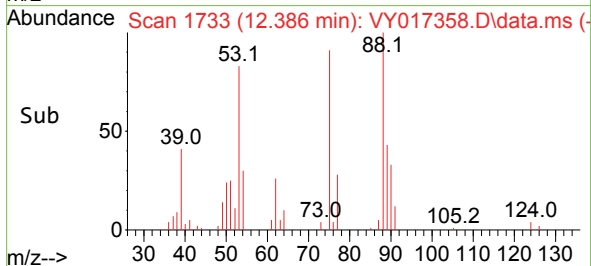
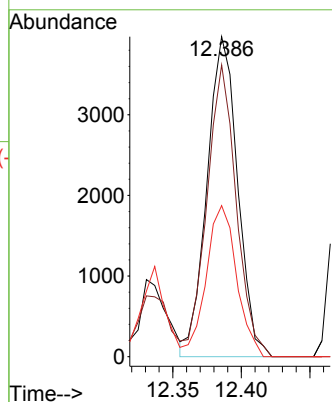
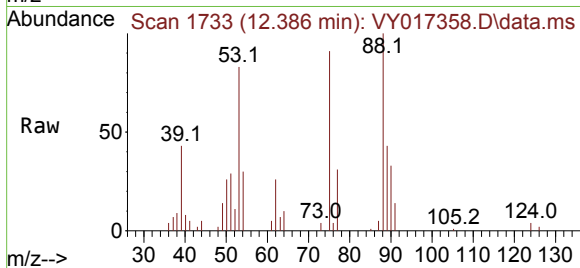




#81
trans-1,4-Dichloro-2-butene
Concen: 20.388 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

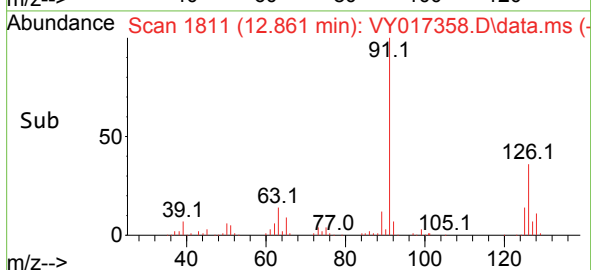
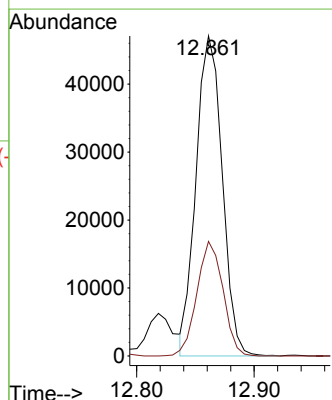
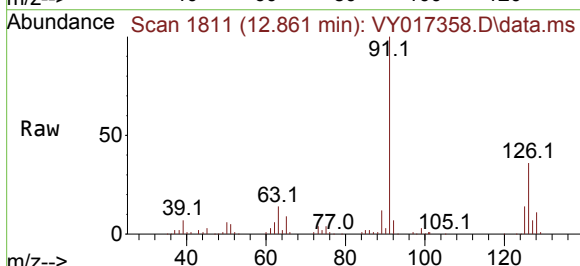
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

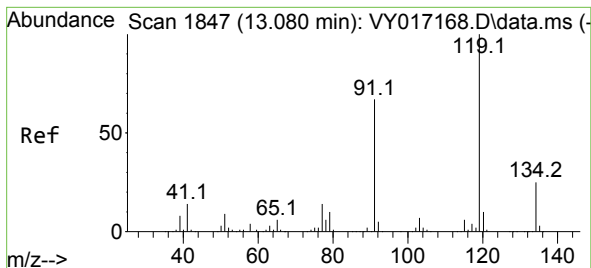
Tgt Ion: 75 Resp: 6160
Ion Ratio Lower Upper
75 100
53 87.6 74.0 111.0
89 47.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.051 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017358.D
Acq: 12 Feb 2024 17:06

Tgt Ion: 91 Resp: 73102
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.366 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

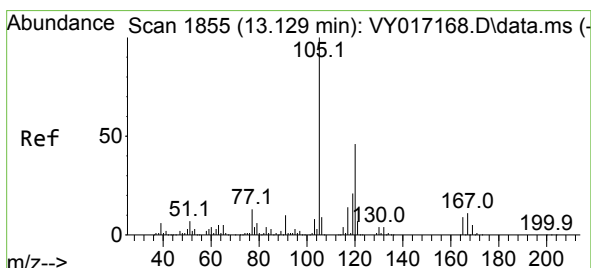
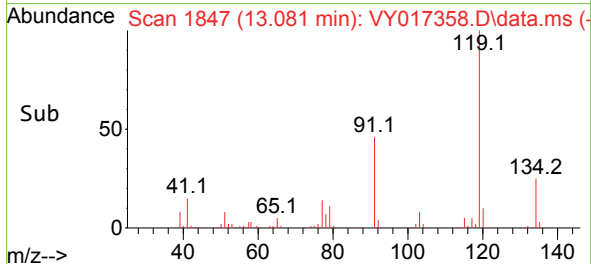
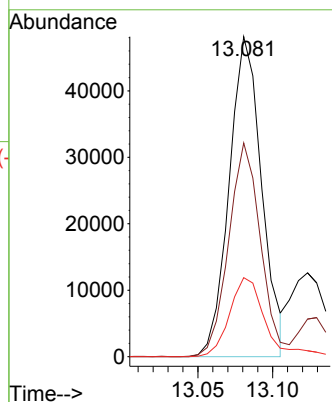
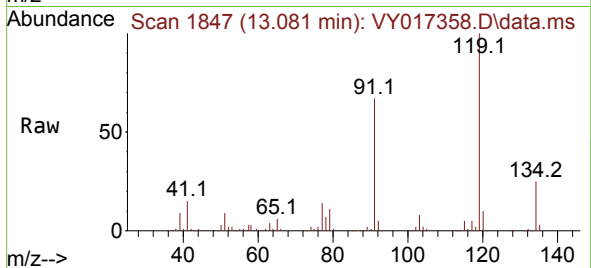
Tgt Ion:119 Resp: 72785

Ion Ratio Lower Upper

119 100

91 65.7 31.5 94.5

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.819 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017358.D

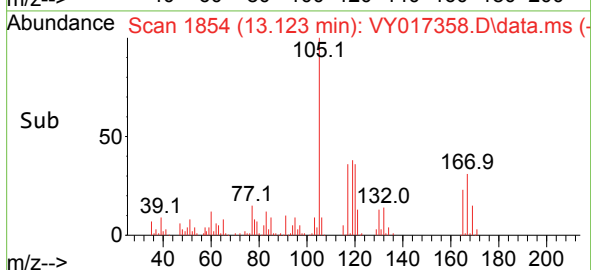
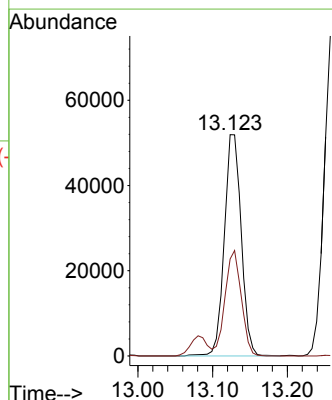
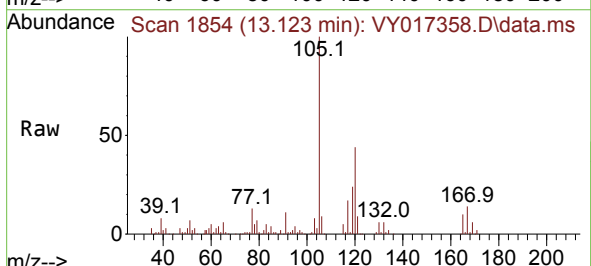
Acq: 12 Feb 2024 17:06

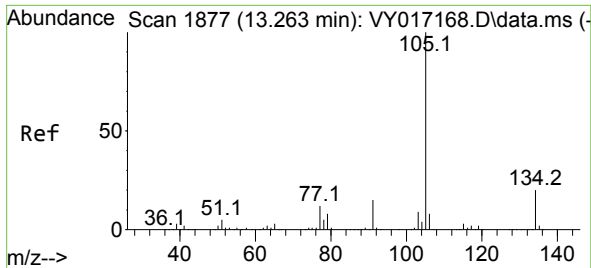
Tgt Ion:105 Resp: 81668

Ion Ratio Lower Upper

105 100

120 45.7 22.1 66.3

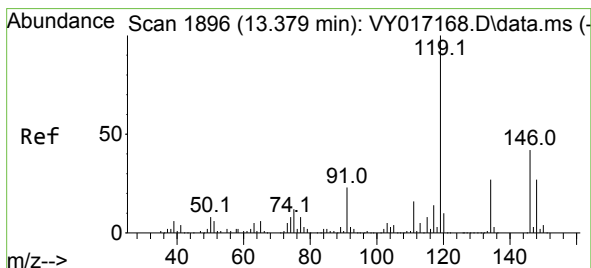
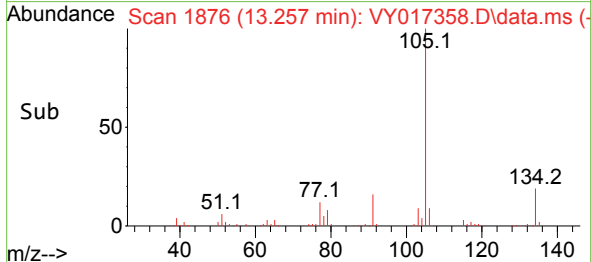
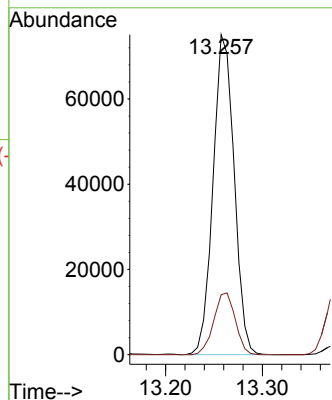
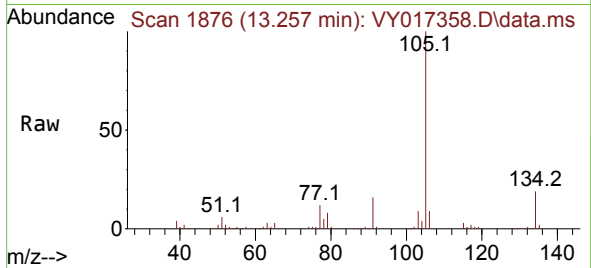




#85
 sec-Butylbenzene
 Concen: 21.353 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY017358.D
 Acq: 12 Feb 2024 17:06

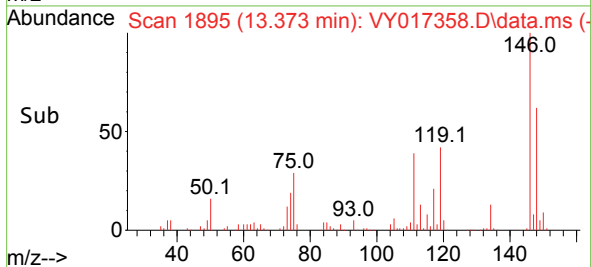
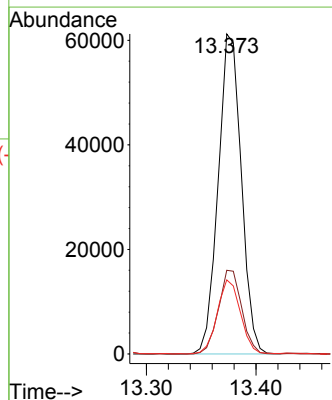
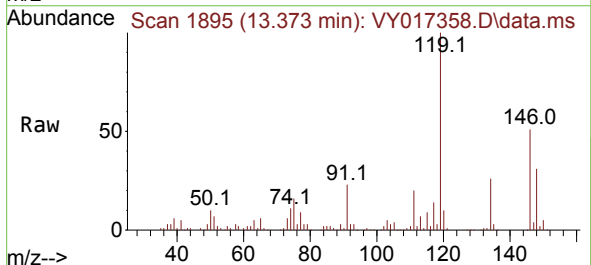
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBSD01

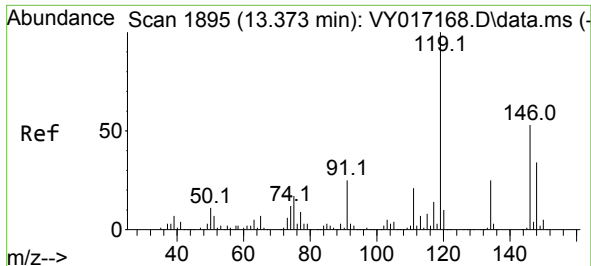
Tgt Ion:105 Resp: 113688
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.101 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY017358.D
 Acq: 12 Feb 2024 17:06

Tgt Ion:119 Resp: 89777
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.003 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBSD01

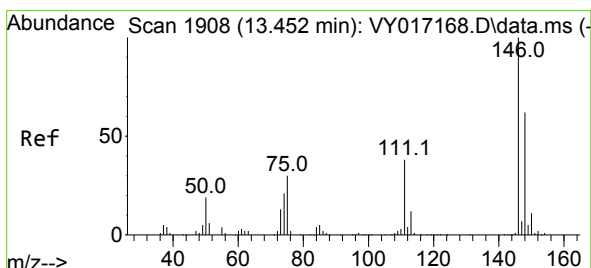
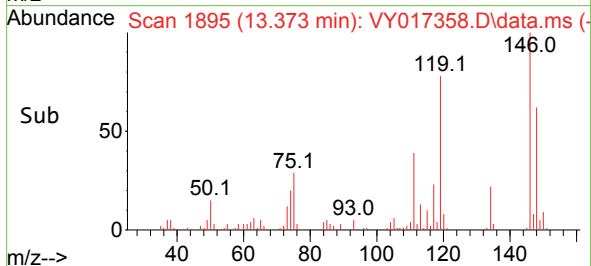
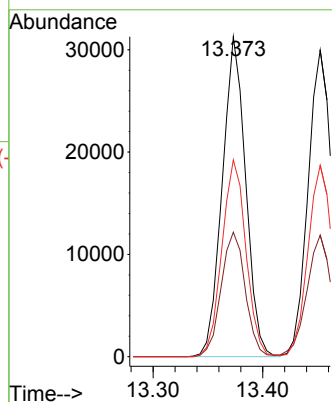
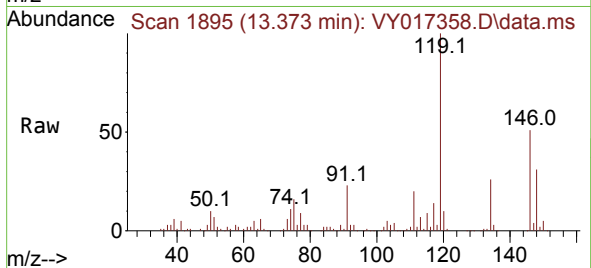
Tgt Ion:146 Resp: 46441

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.418 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

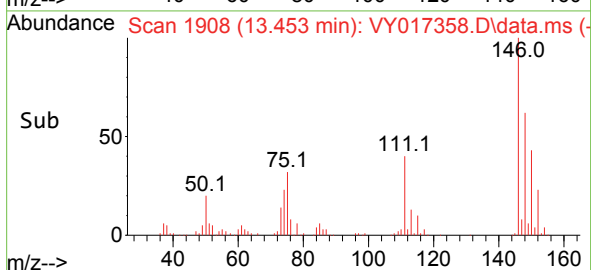
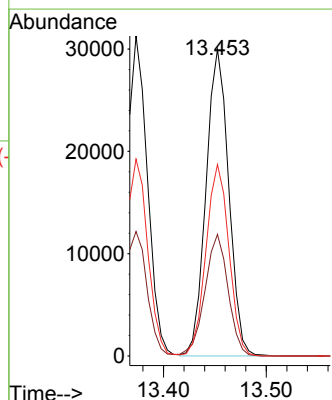
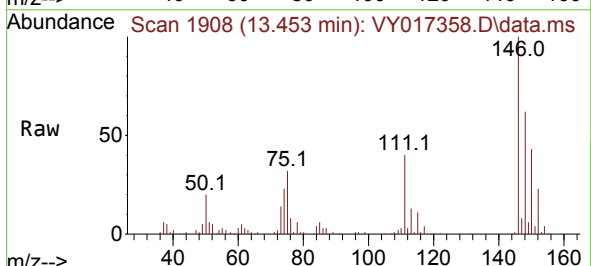
Tgt Ion:146 Resp: 46010

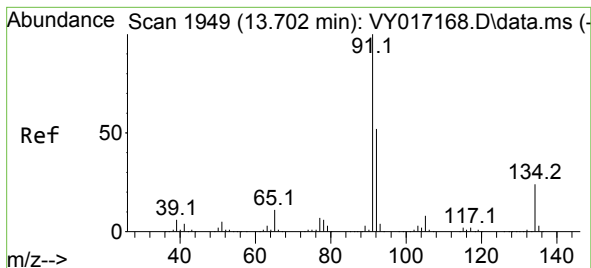
Ion Ratio Lower Upper

146 100

111 40.6 19.3 57.9

148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 21.399 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBSD01

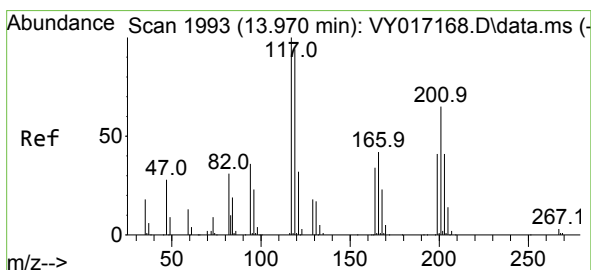
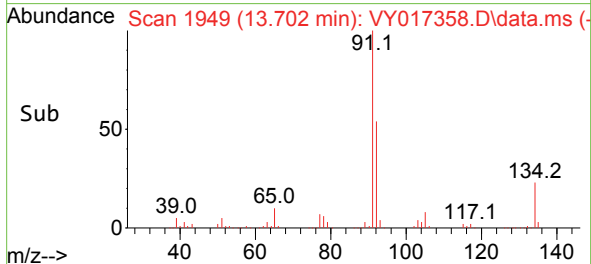
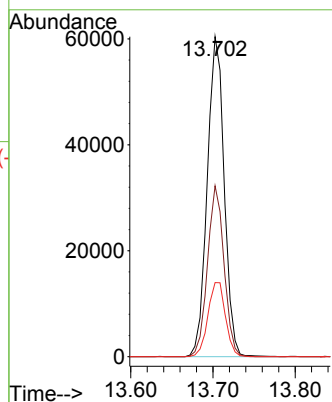
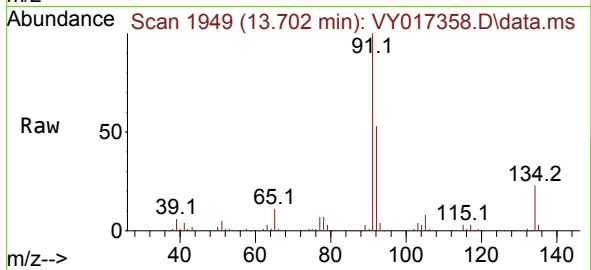
Tgt Ion: 91 Resp: 86566

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 24.0 12.3 36.8



#90

Hexachloroethane

Concen: 21.501 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY017358.D

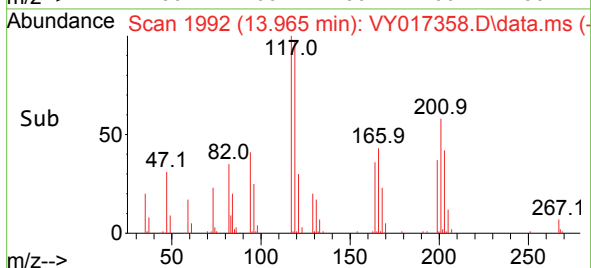
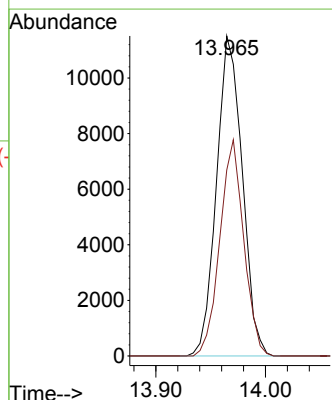
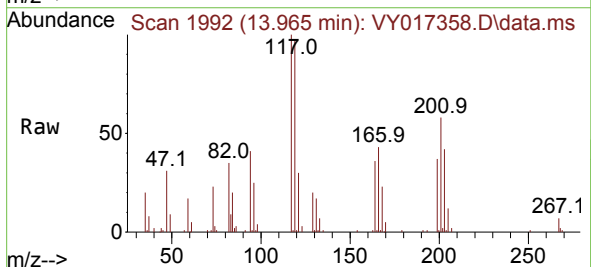
Acq: 12 Feb 2024 17:06

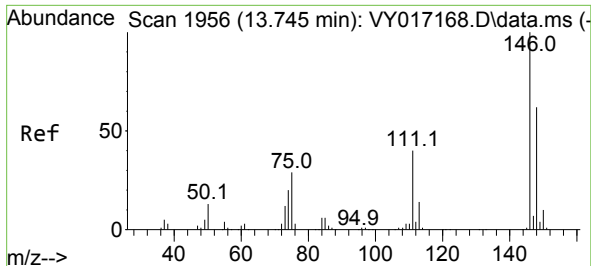
Tgt Ion: 117 Resp: 18780

Ion Ratio Lower Upper

117 100

201 62.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.598 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017358.D

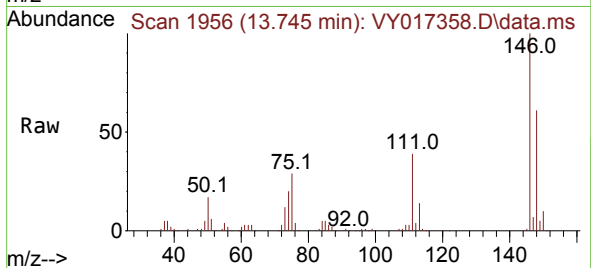
Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBSD01



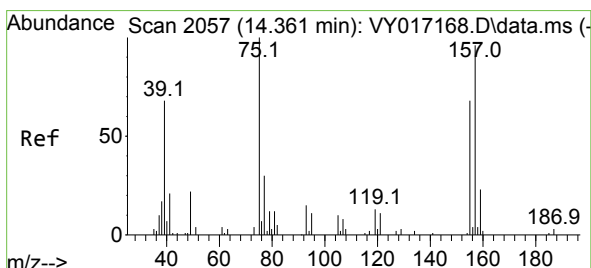
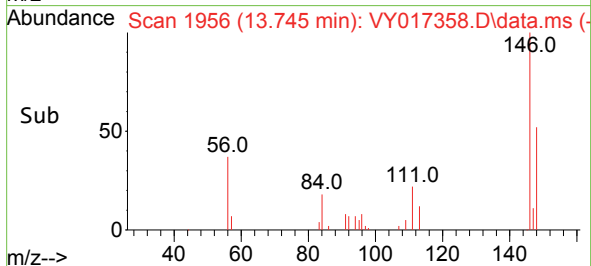
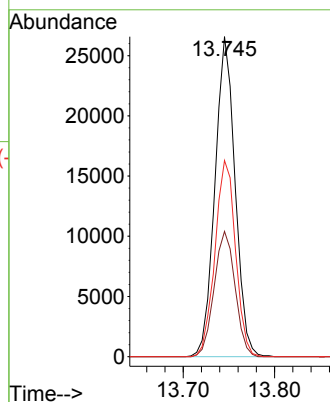
Tgt Ion:146 Resp: 40655

Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.6

148 62.6 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.731 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

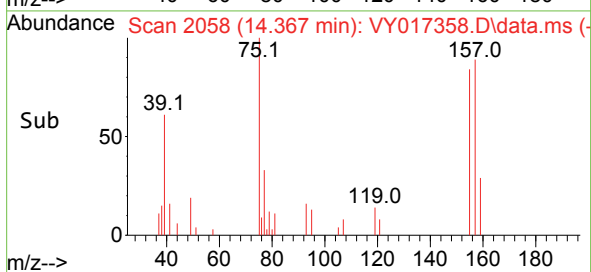
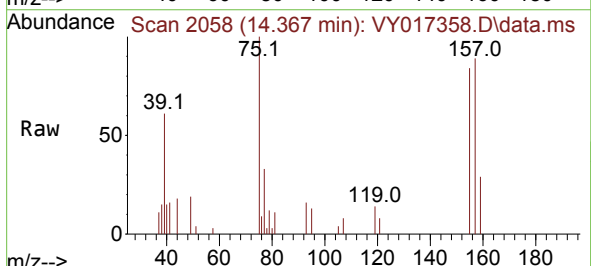
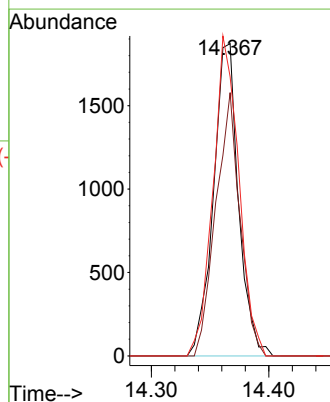
Tgt Ion: 75 Resp: 2782

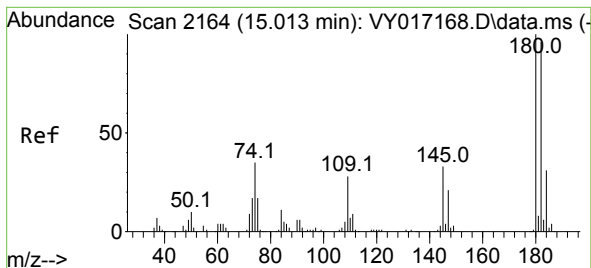
Ion Ratio Lower Upper

75 100

155 81.1 42.1 126.3

157 105.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.990 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBSD01

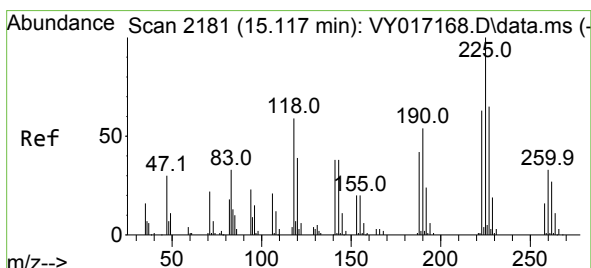
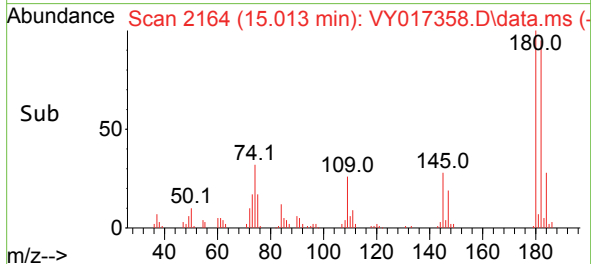
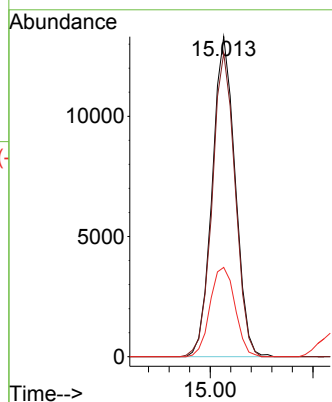
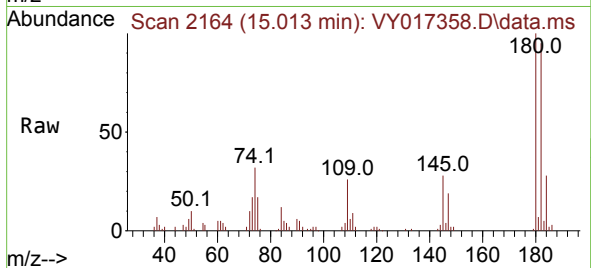
Tgt Ion:180 Resp: 20561

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 30.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.984 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

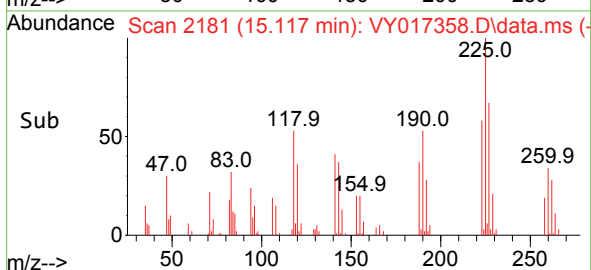
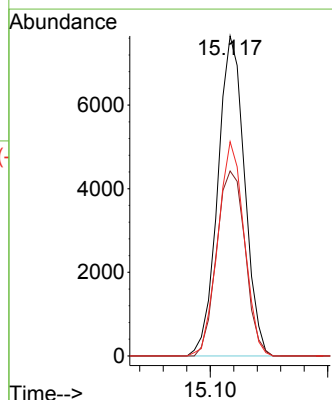
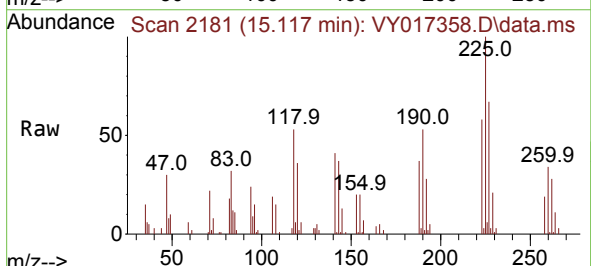
Tgt Ion:225 Resp: 12106

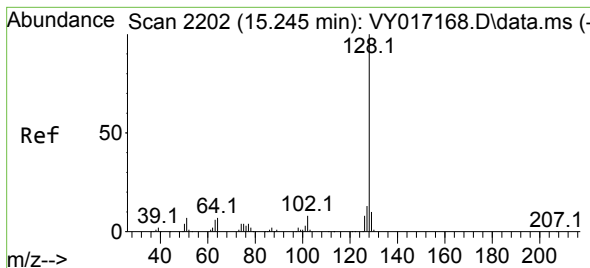
Ion Ratio Lower Upper

225 100

223 61.7 31.4 94.3

227 65.7 32.3 96.8





#95

Naphthalene

Concen: 20.596 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017358.D

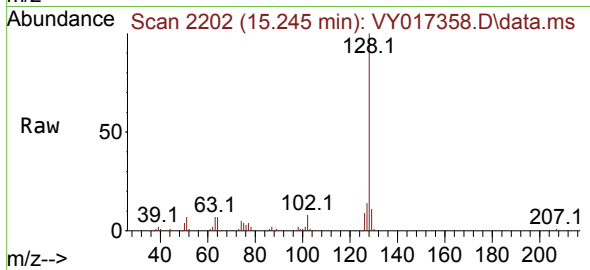
Acq: 12 Feb 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01



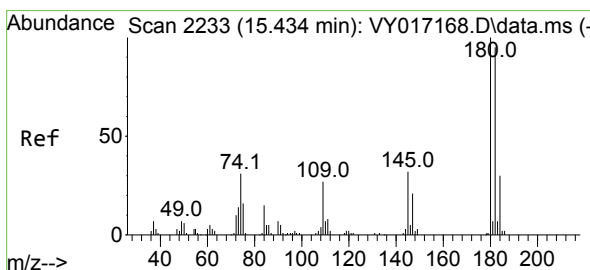
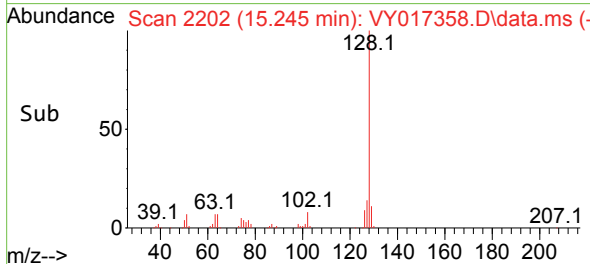
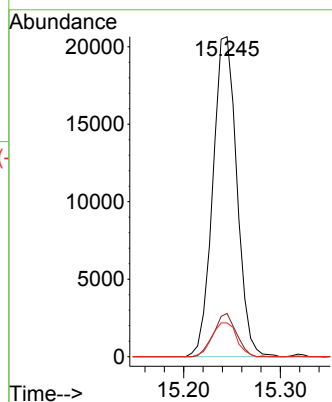
Tgt Ion:128 Resp: 35589

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.752 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017358.D

Acq: 12 Feb 2024 17:06

Tgt Ion:180 Resp: 17297

Ion Ratio Lower Upper

180 100

182 95.8 46.3 138.8

145 32.4 16.1 48.2

