

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018359.D
 Acq On : 23 May 2024 14:04
 Operator : SY/MD
 Sample : P2580-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 24 01:16:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2587	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	213	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1346	58.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.120%
35) Dibromofluoromethane	7.710	113	1080	45.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.420%
50) Toluene-d8	10.173	98	4582	49.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.483	95	758	26.342	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.967	85	21	1.005	ug/l #	43
3) Chloromethane	2.101	50	283	8.338	ug/l #	43
4) Vinyl Chloride	2.247	62	154	4.056	ug/l #	42
5) Bromomethane	2.680	94	233	8.583	ug/l #	45
6) Chloroethane	2.796	64	82	3.327	ug/l #	42
8) Diethyl Ether	3.698	74	54	3.969	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.838	101	46	1.750	ug/l #	19
10) Methyl Iodide	4.076	142	177	6.695	ug/l #	42
11) Tert butyl alcohol	4.857	59	28	Below Cal	#	1
13) Acrolein	3.686	56	18	Below Cal	#	1
14) Allyl chloride	4.466	41	85	2.351	ug/l #	1
15) Acrylonitrile	5.119	53	61	10.365	ug/l #	76
16) Acetone	3.936	43	195	40.896	ug/l #	36
18) Methyl Acetate	4.466	43	23	1.820	ug/l #	46
20) Methylene Chloride	4.680	84	191	2.343	ug/l #	74
23) Vinyl Acetate	6.052	43	136	2.826	ug/l #	67
25) 2-Butanone	7.003	43	52	6.882	ug/l #	41
26) 2,2-Dichloropropane	6.948	77	89	2.234	ug/l #	51
27) cis-1,2-Dichloroethene	6.923	96	108	3.365	ug/l #	21
28) Bromochloromethane	7.307	49	22	1.406	ug/l #	6
29) Tetrahydrofuran	7.387	42	44	8.847	ug/l	89
30) Chloroform	7.557	83	61	1.299	ug/l #	17
31) Cyclohexane	7.716	56	36	Below Cal	#	11
32) 1,1,1-Trichloroethane	7.667	97	45	1.091	ug/l #	25
37) Ethyl Acetate	7.045	43	123	7.423	ug/l #	67
40) Benzene	8.204	78	117	1.108	ug/l #	51
41) Methacrylonitrile	7.295	41	38	4.594	ug/l #	1
42) 1,2-Dichloroethane	8.246	62	46	1.811	ug/l #	71
43) Isopropyl Acetate	8.271	43	74	2.289	ug/l #	47
44) Trichloroethene	8.917	130	87	3.214	ug/l	3
45) 1,2-Dichloropropane	9.264	63	29	1.221	ug/l #	43
46) Dibromomethane	9.313	93	34	2.440	ug/l #	3
48) Methyl methacrylate	9.277	41	107	7.316	ug/l #	40
49) 1,4-Dioxane	9.069	88	22	121.671	ug/l #	32
51) 4-Methyl-2-Pentanone	10.069	43	77	4.719	ug/l #	31
52) Toluene	10.234	92	72	1.088	ug/l #	1

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 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

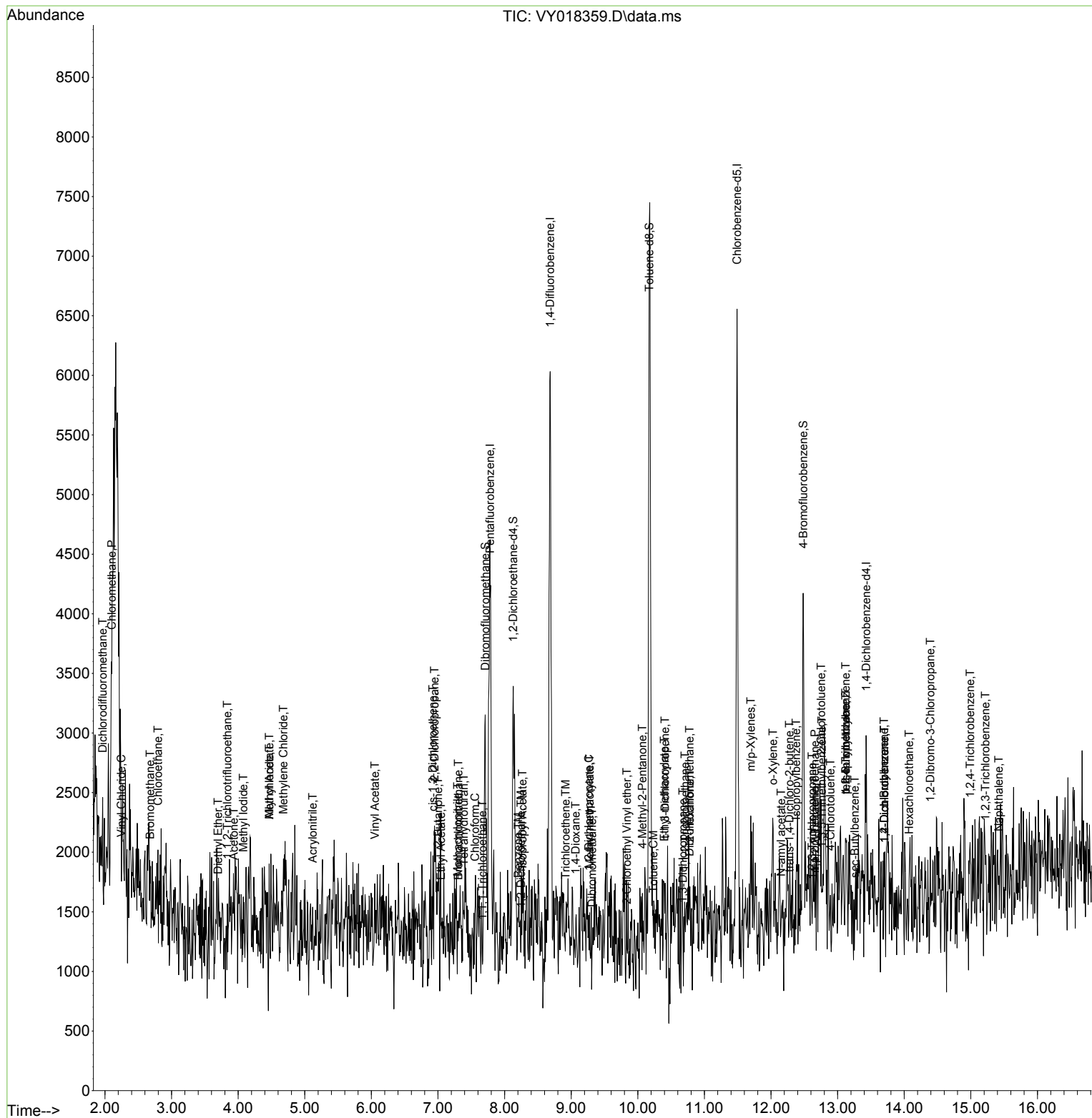
53) t-1,3-Dichloropropene	10.410	75	34	1.100	ug/l #	45
55) 1,1,2-Trichloroethane	10.709	97	41	2.221	ug/l #	16
56) Ethyl methacrylate	10.398	69	58	2.290	ug/l #	1
57) 1,3-Dichloropropane	10.679	76	77	2.461	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.837	63	43	3.758	ug/l #	45
59) 2-Hexanone	10.782	43	135	12.024	ug/l	94
60) Dibromochloromethane	10.776	129	44	1.973	ug/l #	10
68) m/p-Xylenes	11.697	106	71	1.966	ug/l #	1
69) o-Xylene	12.032	106	159	4.666	ug/l	60
73) Isopropylbenzene	12.380	105	20	1.195	ug/l #	48
74) N-amyl acetate	12.154	43	166	42.500	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.660	83	48	16.827	ug/l #	26
76) 1,2,3-Trichloropropane	12.617	75	78	40.744	ug/l #	100
78) n-propylbenzene	12.660	91	216	10.776	ug/l #	53
79) 2-Chlorotoluene	12.752	91	24	2.211	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.764	105	138	10.490	ug/l	79
81) trans-1,4-Dichloro-2-b...	12.276	75	49	52.663	ug/l #	54
82) 4-Chlorotoluene	12.892	91	20	1.818	ug/l #	39
83) tert-Butylbenzene	13.123	119	71	5.838	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.123	105	438	33.853	ug/l	66
85) sec-Butylbenzene	13.258	105	71	3.948	ug/l	82
86) p-Isopropyltoluene	13.123	119	71	4.826	ug/l #	21
88) 1,4-Dichlorobenzene	13.703	146	69	9.602	ug/l #	25
89) n-Butylbenzene	13.696	91	95	6.872	ug/l #	52
90) Hexachloroethane	14.074	117	54	19.877	ug/l #	12
91) 1,2-Dichlorobenzene	13.703	146	69	11.013	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.391	75	24	61.341	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.989	180	37	10.368	ug/l #	12
95) Naphthalene	15.422	128	19	2.708	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.221	180	31	10.217	ug/l #	12

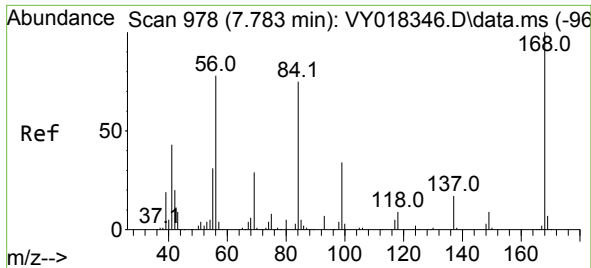
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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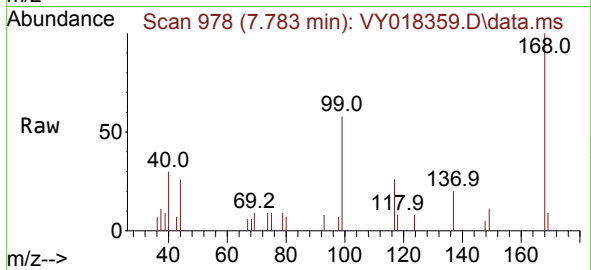
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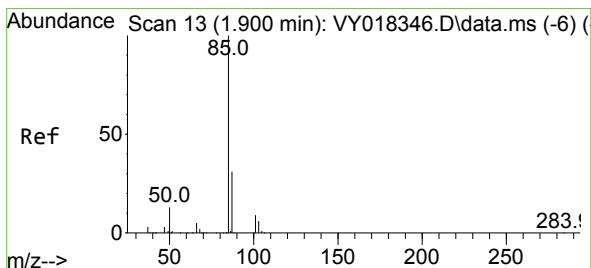
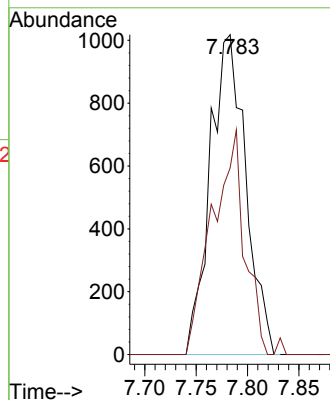
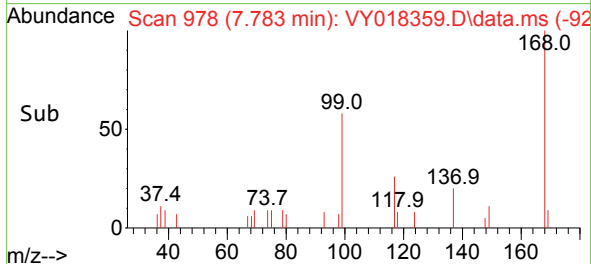


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

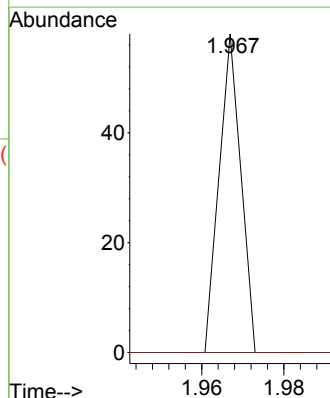
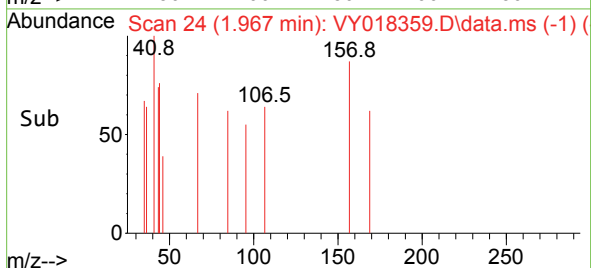
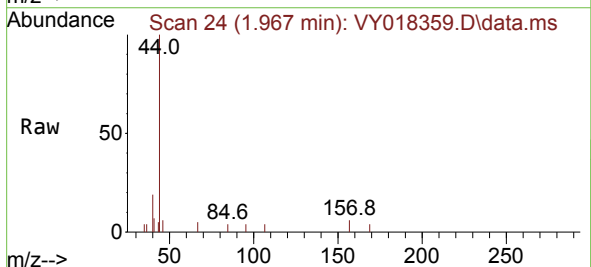


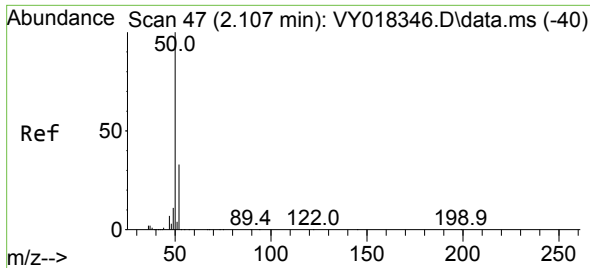
Tgt Ion:168 Resp: 2447
Ion Ratio Lower Upper
168 100
99 58.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 1.005 ug/l
RT: 1.967 min Scan# 24
Delta R.T. 0.067 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

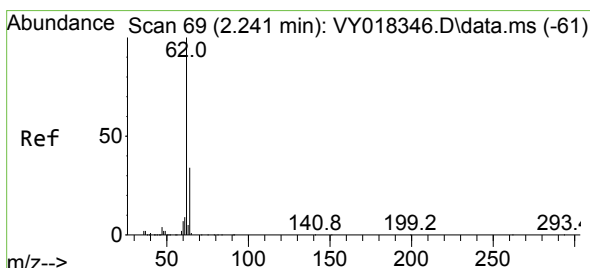
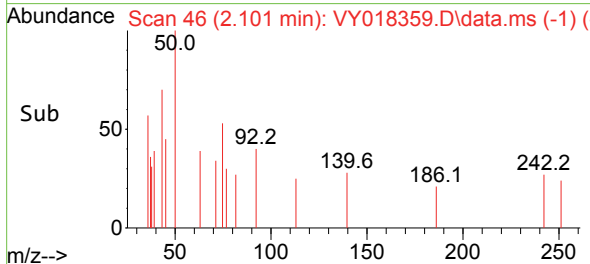
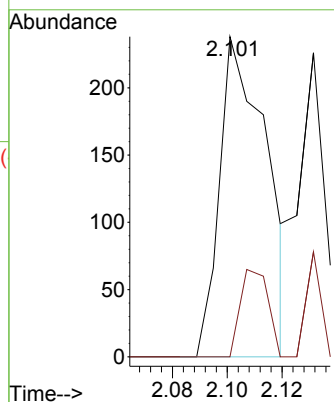
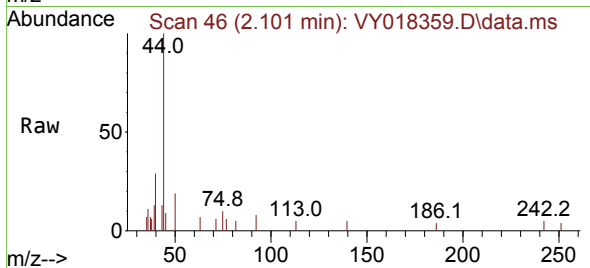




#3
Chloromethane
Concen: 8.338 ug/l
RT: 2.101 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

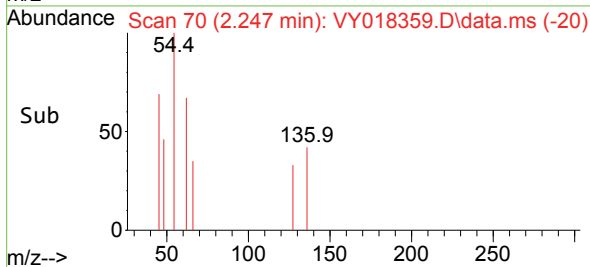
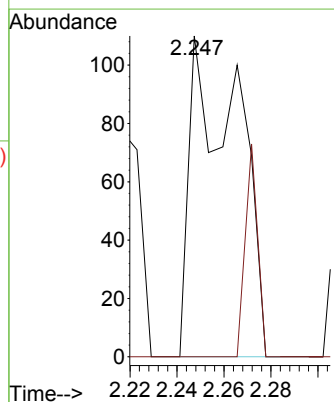
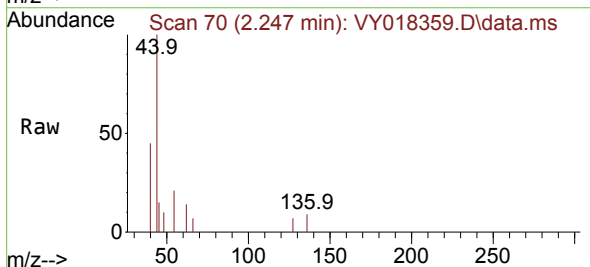
Instrument :
MSVOA_Y
ClientSampleId :

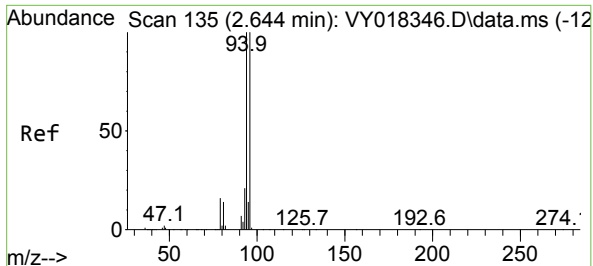
Tgt Ion: 50 Resp: 283
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 4.056 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 62 Resp: 154
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#





#5

Bromomethane

Concen: 8.583 ug/l

RT: 2.680 min Scan# 14

Delta R.T. 0.037 min

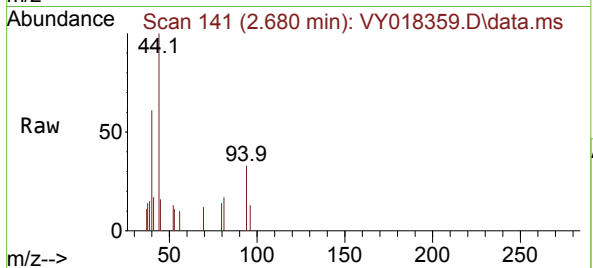
Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

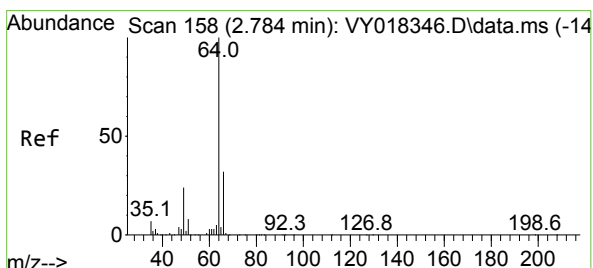
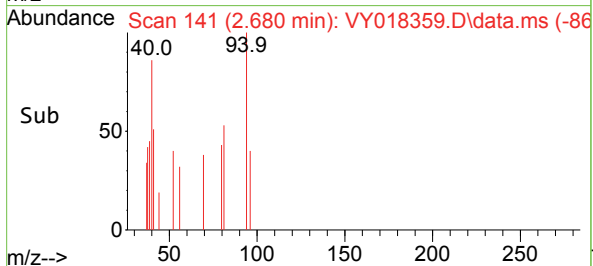
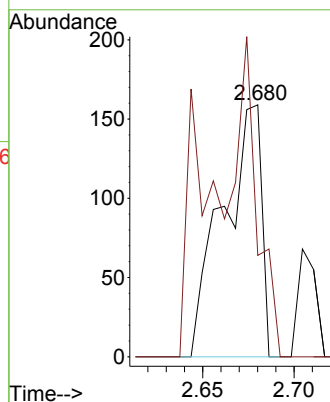


Tgt Ion: 94 Resp: 233

Ion Ratio Lower Upper

94 100

96 40.3 74.1 111.1#



#6

Chloroethane

Concen: 3.327 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.012 min

Lab File: VY018359.D

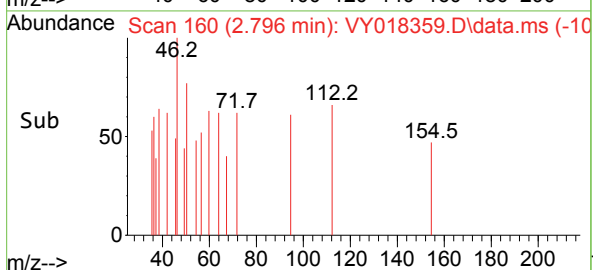
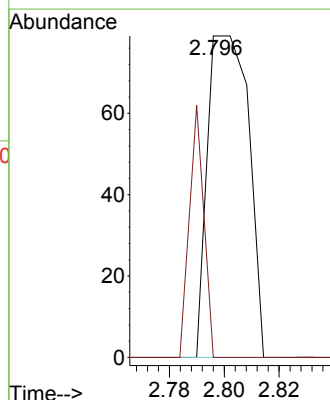
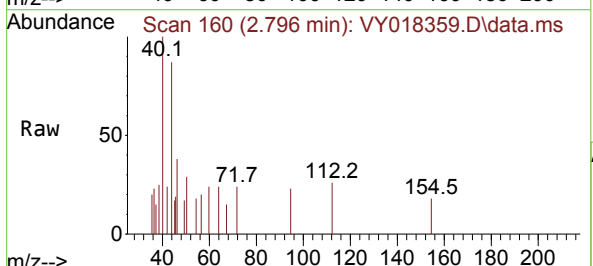
Acq: 23 May 2024 14:04

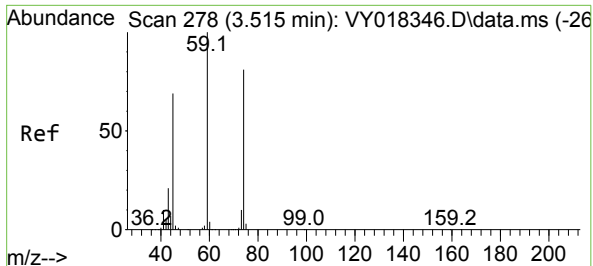
Tgt Ion: 64 Resp: 82

Ion Ratio Lower Upper

64 100

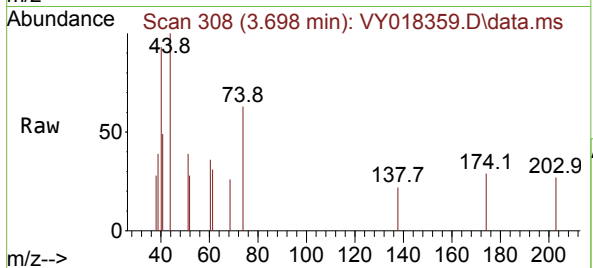
66 0.0 26.1 39.1#



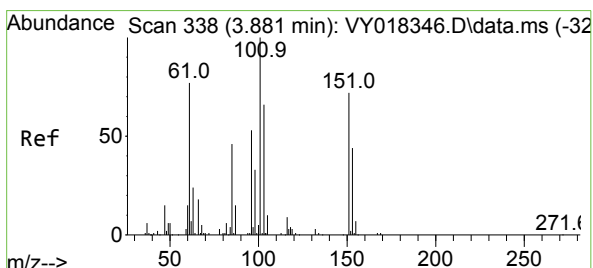
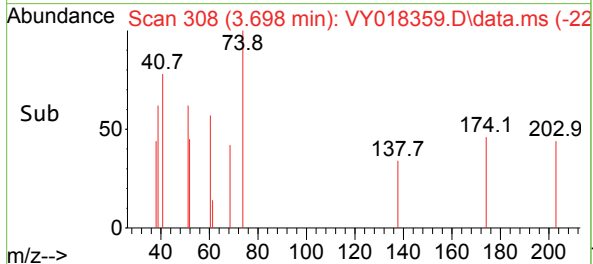
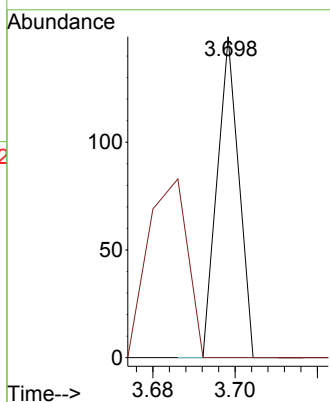


#8
Diethyl Ether
Concen: 3.969 ug/l
RT: 3.698 min Scan# 308
Delta R.T. 0.183 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Instrument :
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ClientSampleId :

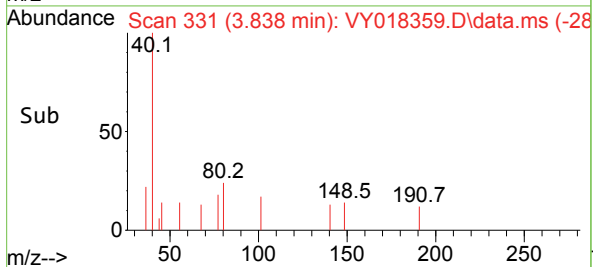
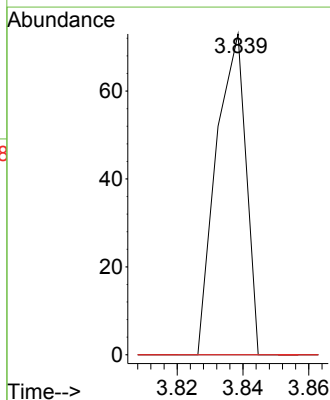
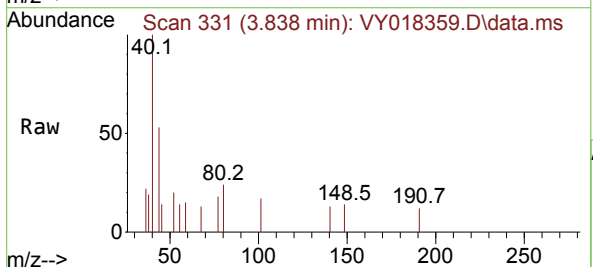


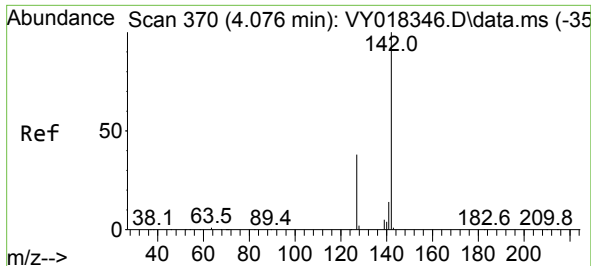
Tgt Ion: 74 Resp: 54
Ion Ratio Lower Upper
74 100
45 103.7 41.3 124.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.750 ug/l
RT: 3.838 min Scan# 331
Delta R.T. -0.043 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 101 Resp: 46
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 0.0 61.7 92.5#

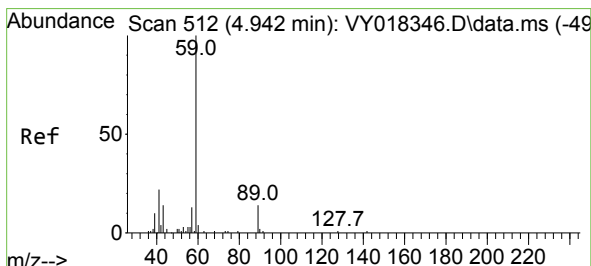
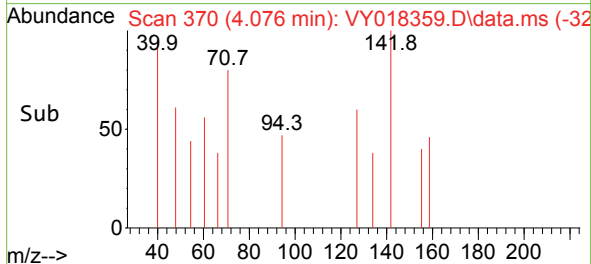
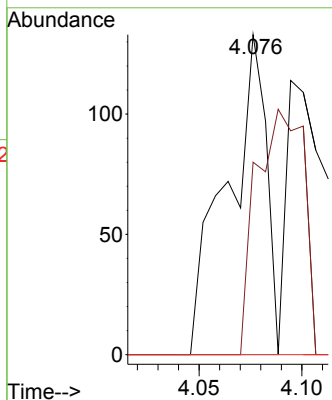
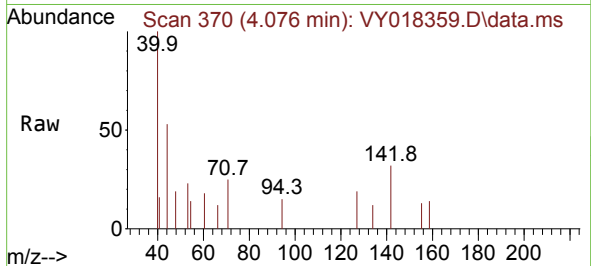




#10
Methyl Iodide
Concen: 6.695 ug/l
RT: 4.076 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

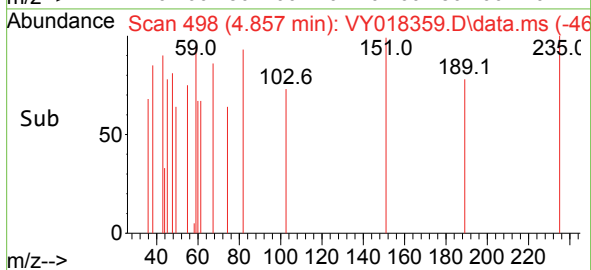
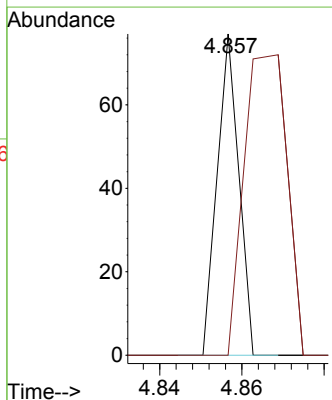
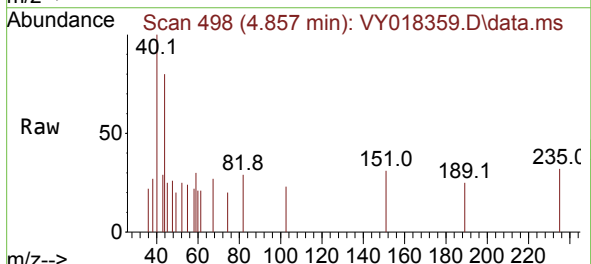
Instrument :
MSVOA_Y
ClientSampleId :

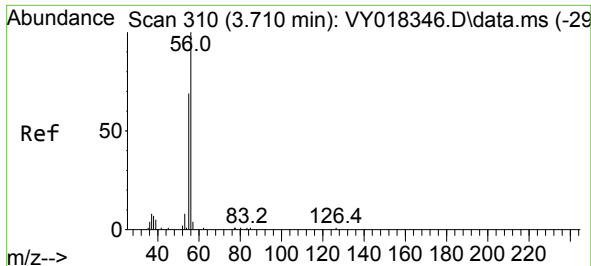
Tgt Ion:142 Resp: 177
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.857 min Scan# 498
Delta R.T. -0.085 min
Lab File: VY018359.D
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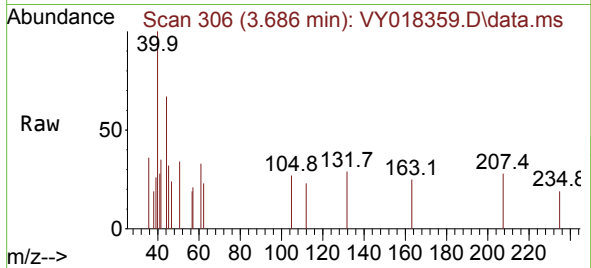
Tgt Ion: 59 Resp: 28
Ion Ratio Lower Upper
59 100
57 185.7 3.0 4.6#



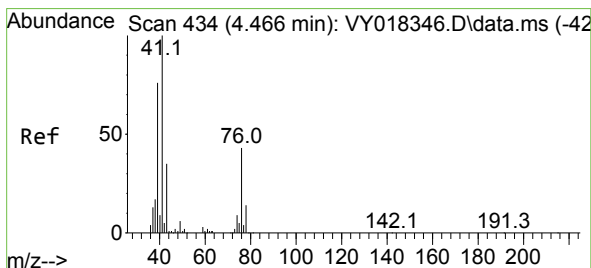
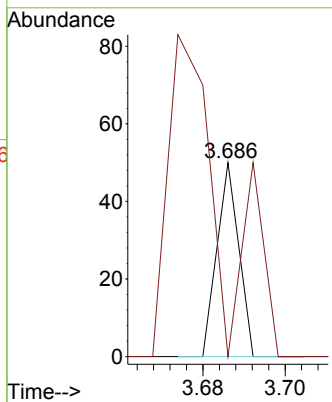
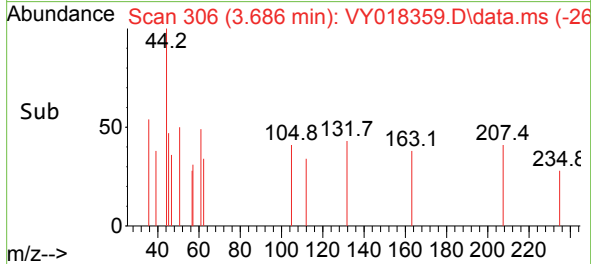


#13
Acrolein
Concen: Below Cal
RT: 3.686 min Scan# 306
Delta R.T. -0.024 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

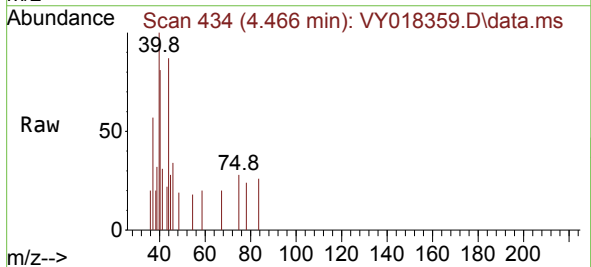
Instrument :
MSVOA_Y
ClientSampleId :



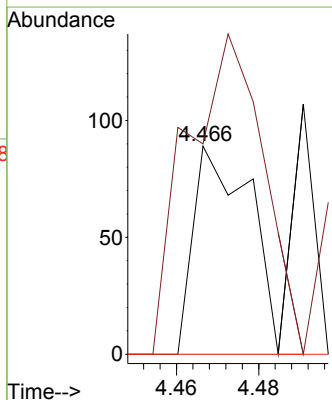
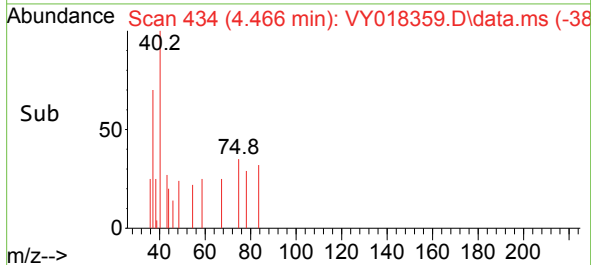
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 411.1 55.7 83.5#

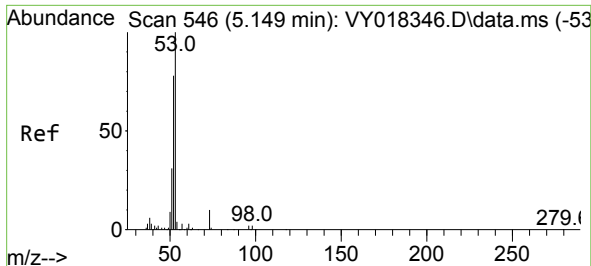


#14
Allyl chloride
Concen: 2.351 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04



Tgt Ion: 41 Resp: 85
Ion Ratio Lower Upper
41 100
39 208.2 58.3 87.5#
76 0.0 39.0 58.6#





#15

Acrylonitrile

Concen: 10.365 ug/l

RT: 5.119 min Scan# 54

Delta R.T. -0.030 min

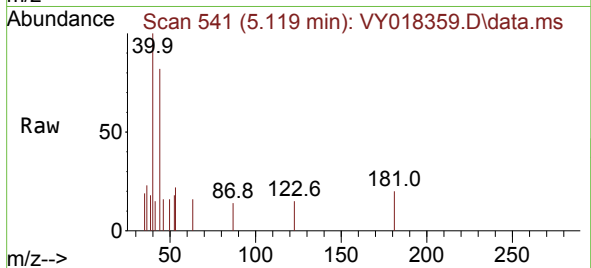
Lab File: VY018359.D

Acq: 23 May 2024 14:04

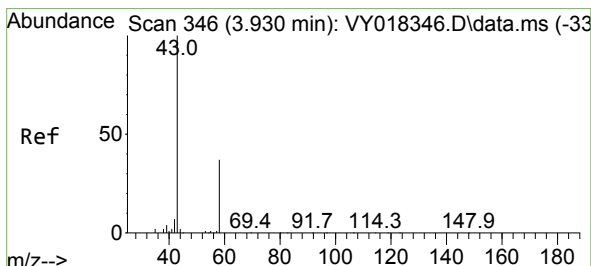
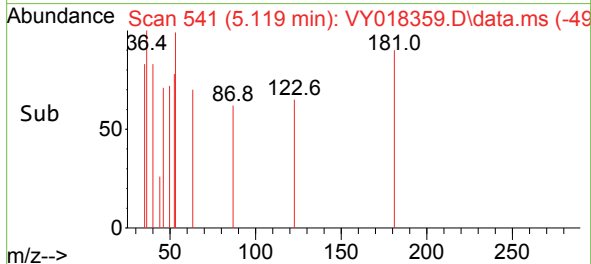
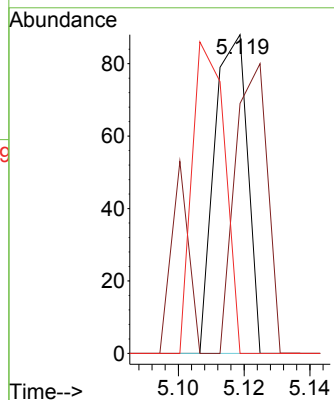
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 61
Ion Ratio	Lower Upper
53	100
52	88.5 64.7 97.1
51	0.0 28.4 42.6#



#16

Acetone

Concen: 40.896 ug/l

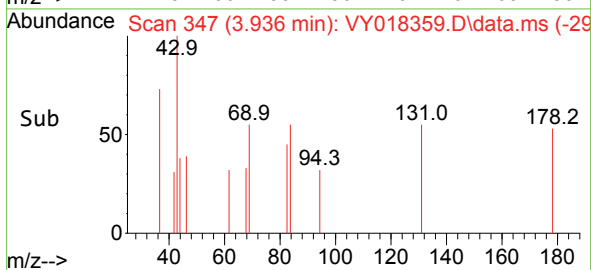
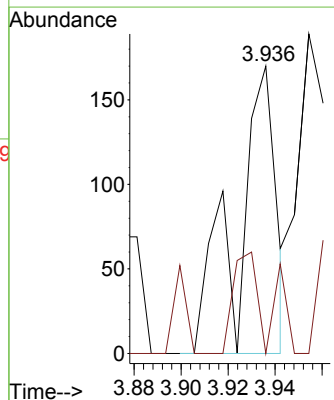
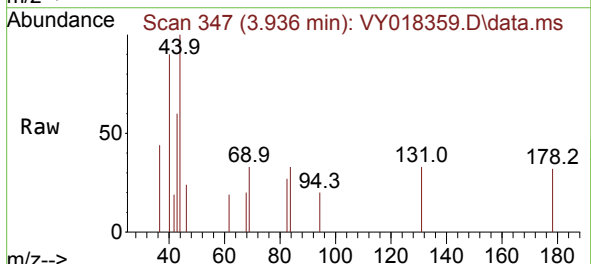
RT: 3.936 min Scan# 347

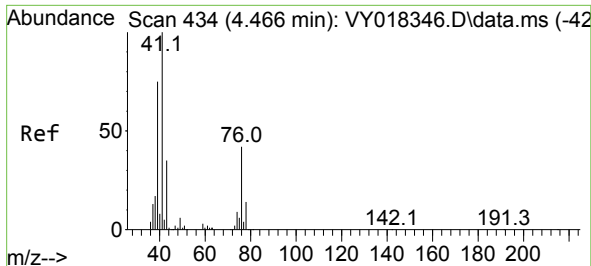
Delta R.T. 0.006 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Tgt Ion: 43	Resp: 195
Ion Ratio	Lower Upper
43	100
58	0.0 31.7 47.5#

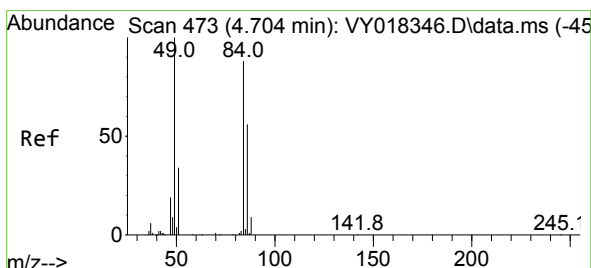
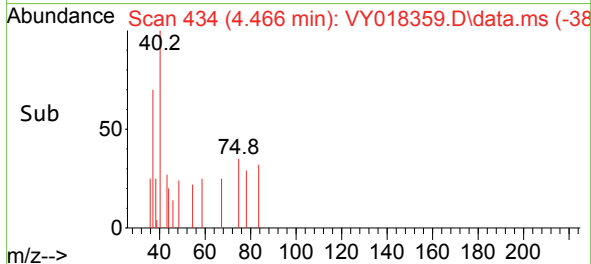
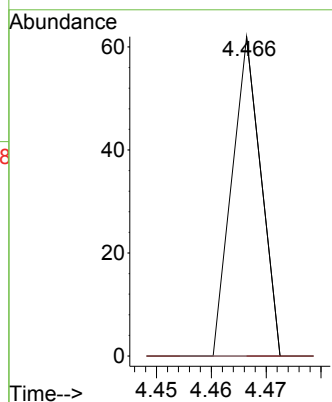
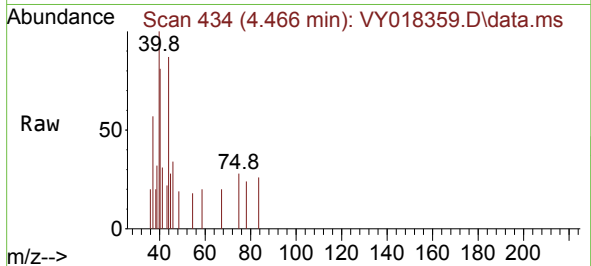




#18
Methyl Acetate
Concen: 1.820 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

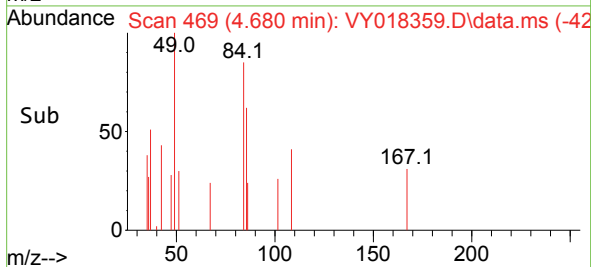
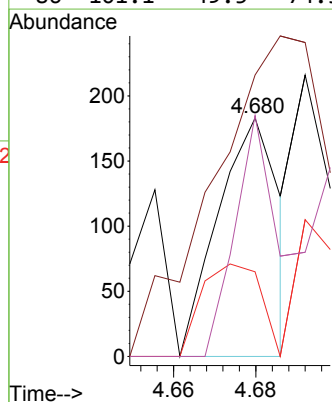
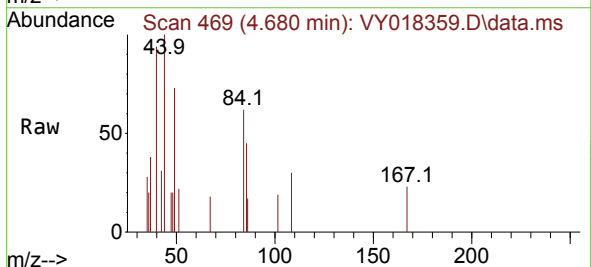
Instrument :
MSVOA_Y
ClientSampleId :

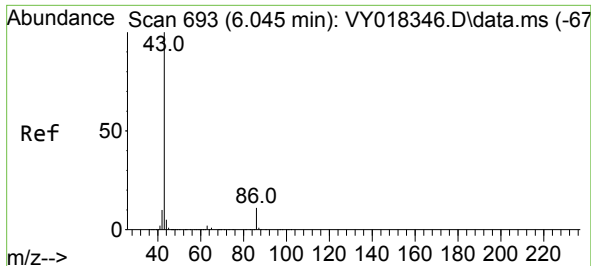
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 2.343 ug/l
RT: 4.680 min Scan# 469
Delta R.T. -0.024 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 84 Resp: 191
Ion Ratio Lower Upper
84 100
49 86.9 84.4 126.6
51 35.5 26.0 39.0
86 101.1 49.5 74.3#

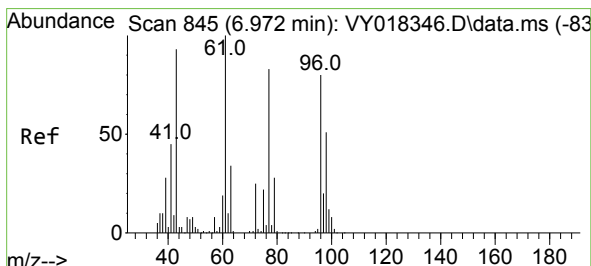
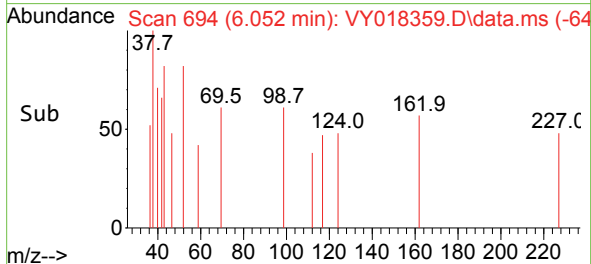
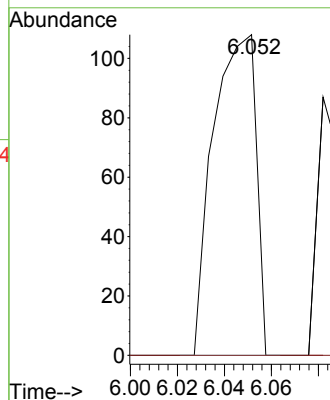
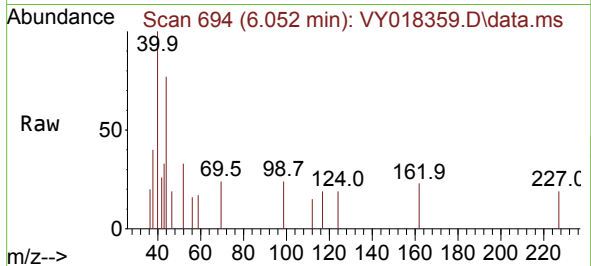




#23
Vinyl Acetate
Concen: 2.826 ug/l
RT: 6.052 min Scan# 693
Delta R.T. 0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

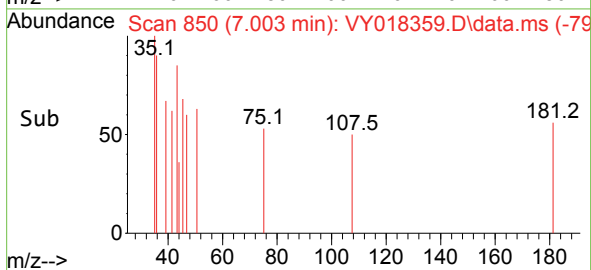
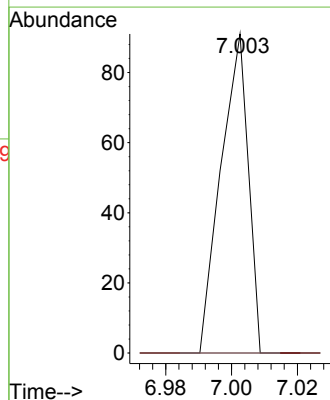
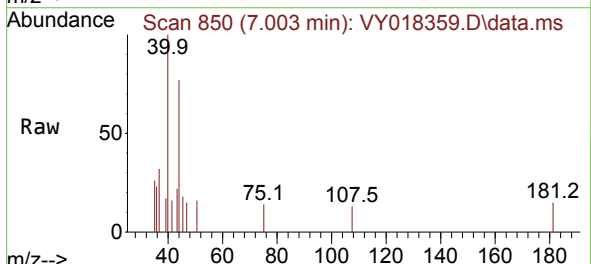
Instrument :
MSVOA_Y
ClientSampleId :

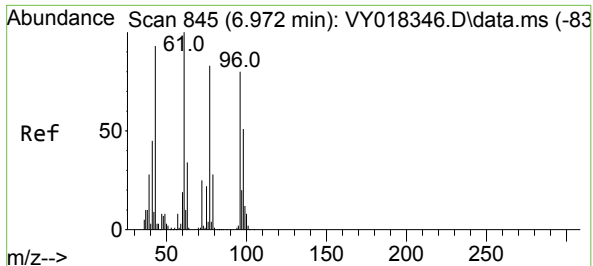
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#



#25
2-Butanone
Concen: 6.882 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.031 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#26

2,2-Dichloropropane

Concen: 2.234 ug/l

RT: 6.948 min Scan# 84

Delta R.T. -0.024 min

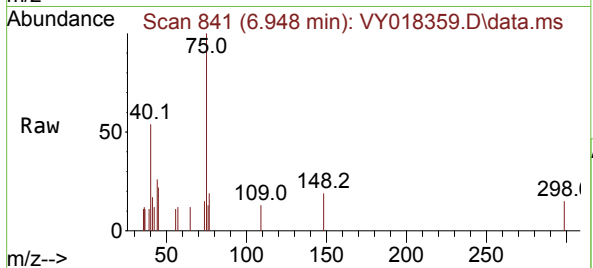
Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

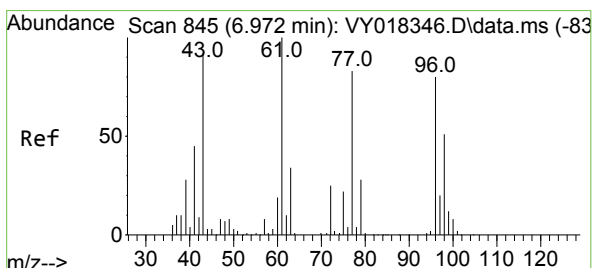
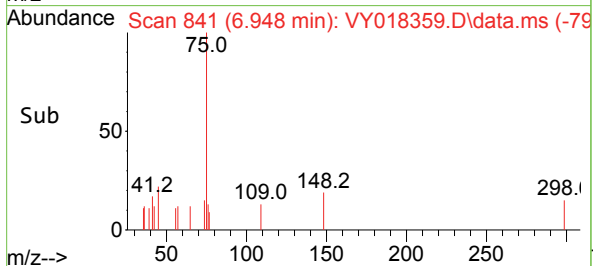
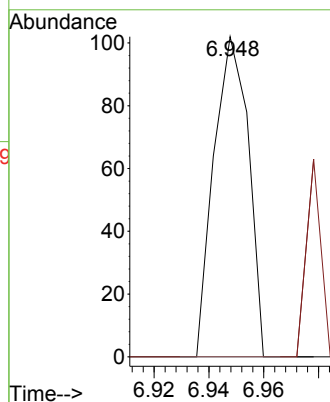


Tgt Ion: 77 Resp: 89

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#27

cis-1,2-Dichloroethene

Concen: 3.365 ug/l

RT: 6.923 min Scan# 837

Delta R.T. -0.049 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

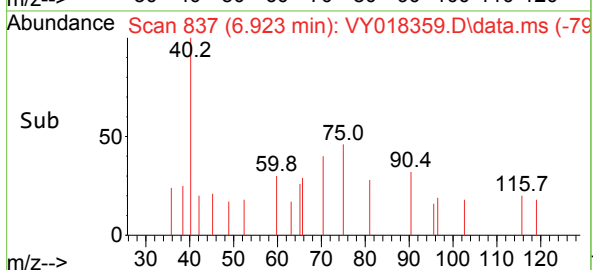
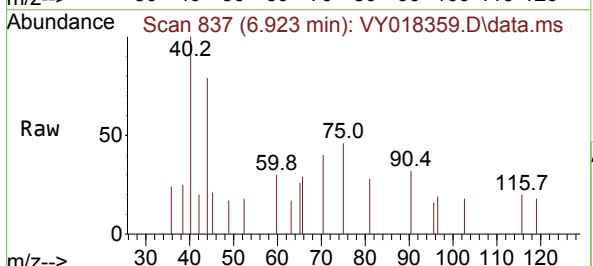
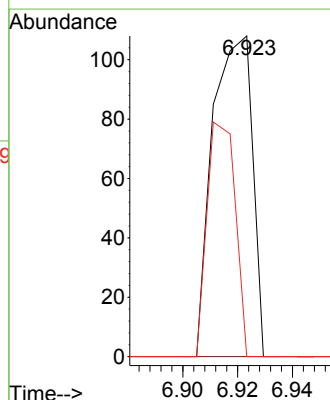
Tgt Ion: 96 Resp: 108

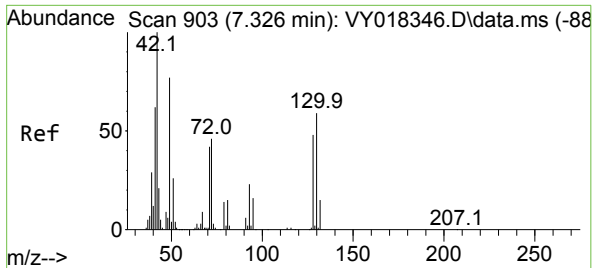
Ion Ratio Lower Upper

96 100

61 0.0 0.0 256.2

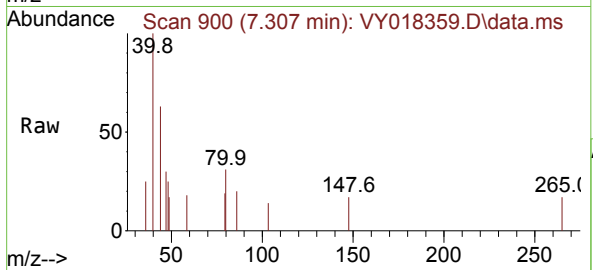
98 51.9 0.0 130.0



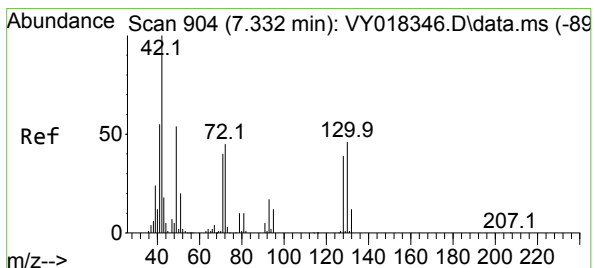
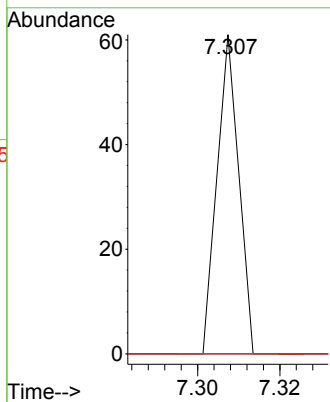
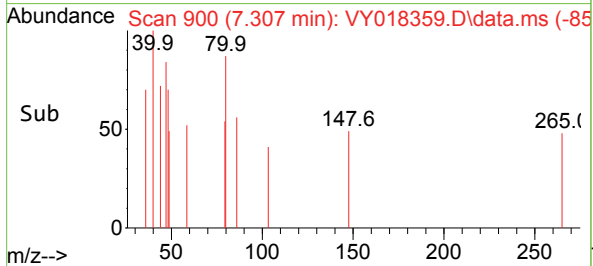


#28
Bromochloromethane
Concen: 1.406 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

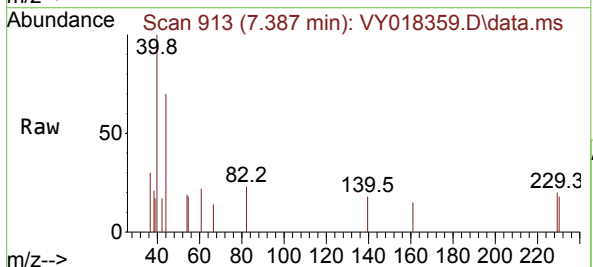
Instrument :
MSVOA_Y
ClientSampleId :



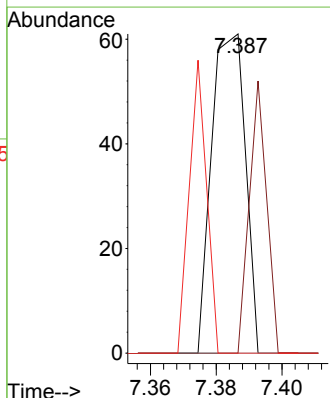
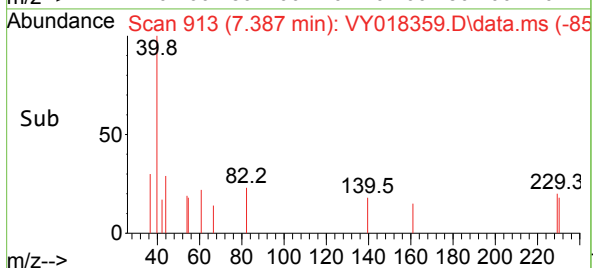
Tgt Ion: 49 Resp: 22
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#

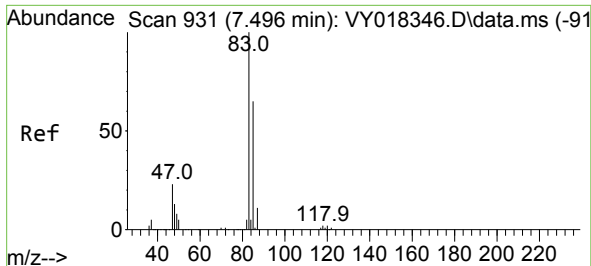


#29
Tetrahydrofuran
Concen: 8.847 ug/l
RT: 7.387 min Scan# 913
Delta R.T. 0.055 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04



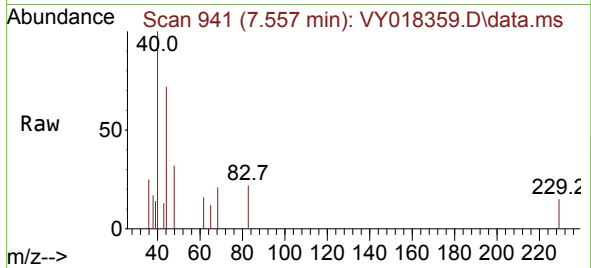
Tgt Ion: 42 Resp: 44
Ion Ratio Lower Upper
42 100
72 43.2 43.0 64.4
71 45.5 40.8 61.2



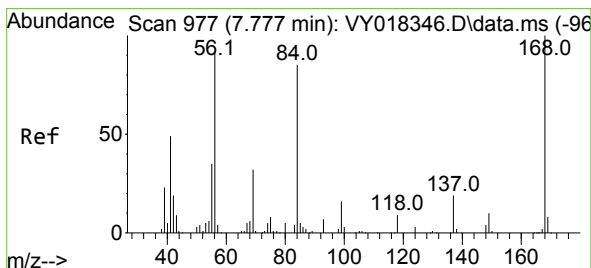
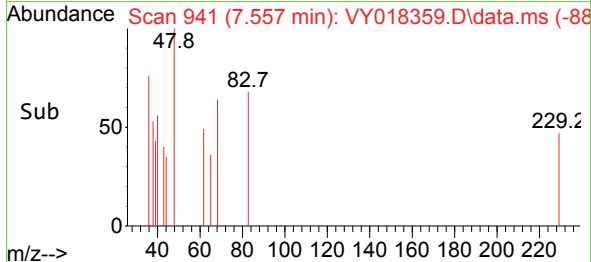
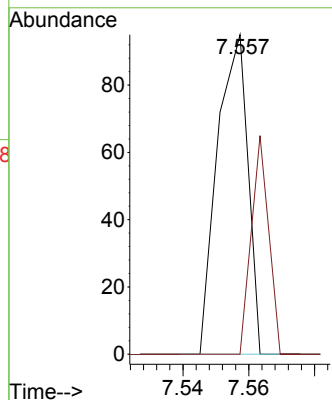


#30
Chloroform
Concen: 1.299 ug/l
RT: 7.557 min Scan# 941
Delta R.T. 0.061 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

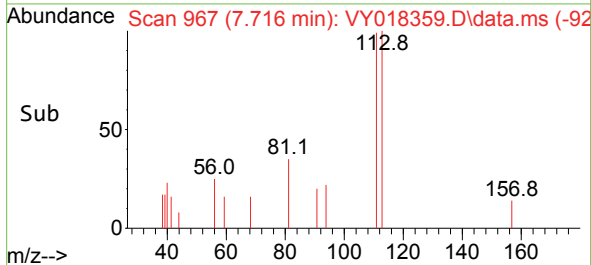
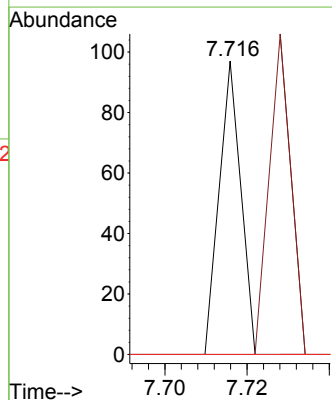
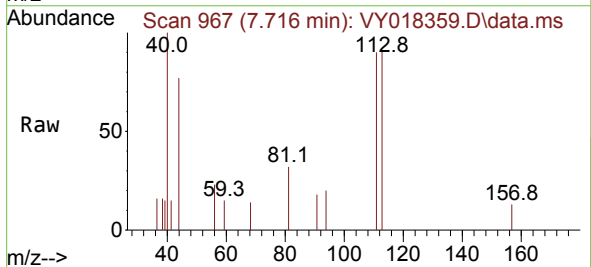


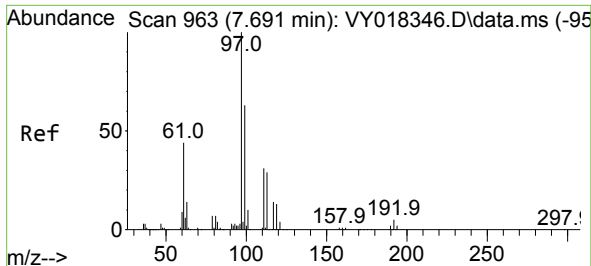
Tgt Ion: 83 Resp: 61
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.716 min Scan# 967
Delta R.T. -0.061 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 56 Resp: 36
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 0.0 77.7 116.5#

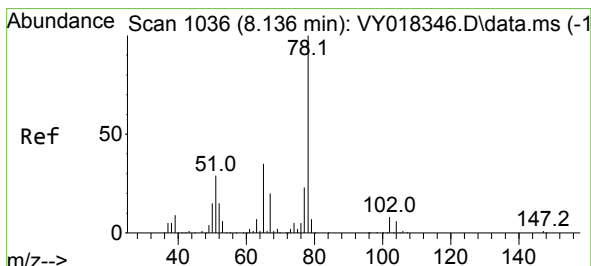
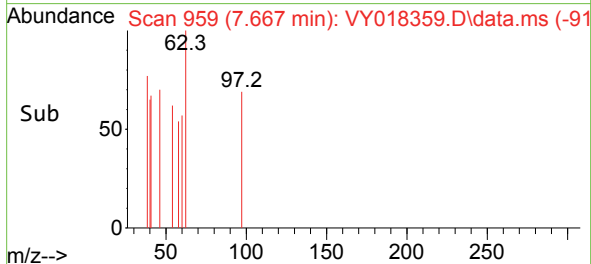
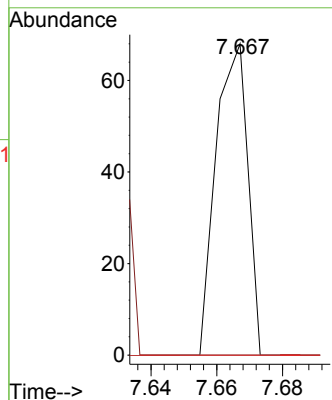
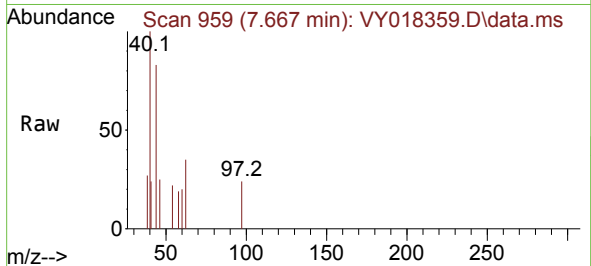




#32
1,1,1-Trichloroethane
Concen: 1.091 ug/l
RT: 7.667 min Scan# 91
Delta R.T. -0.024 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

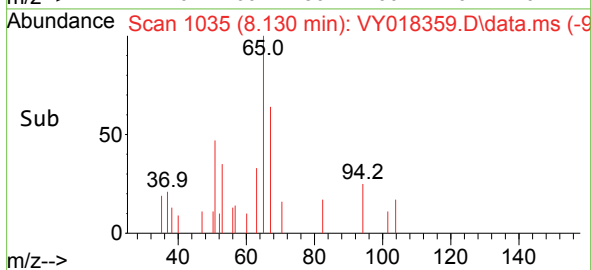
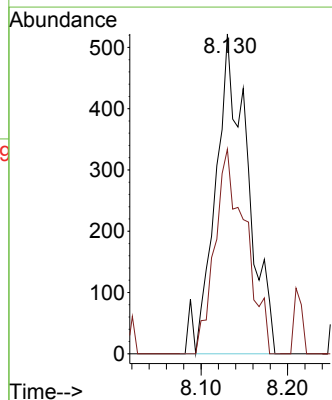
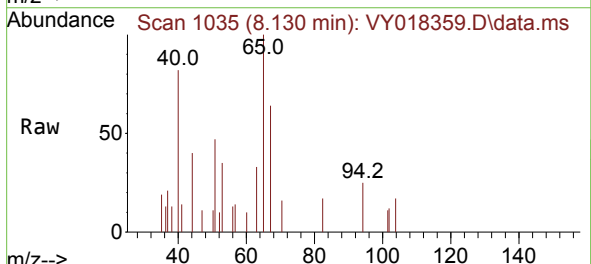
Instrument :
MSVOA_Y
ClientSampleId :

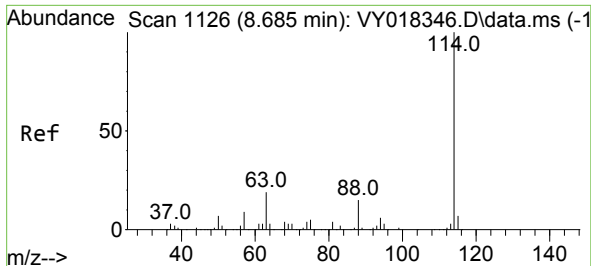
Tgt Ion: 97 Resp: 45
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 32.6 48.8#



#33
1,2-Dichloroethane-d4
Concen: 58.059 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

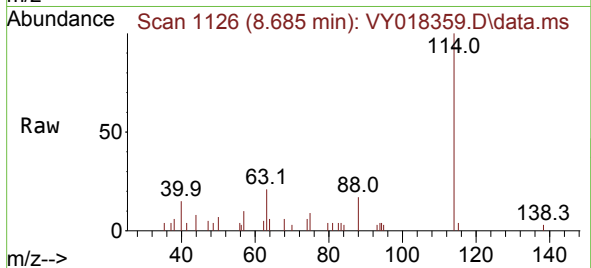
Tgt Ion: 65 Resp: 1346
Ion Ratio Lower Upper
65 100
67 61.1 0.0 109.6



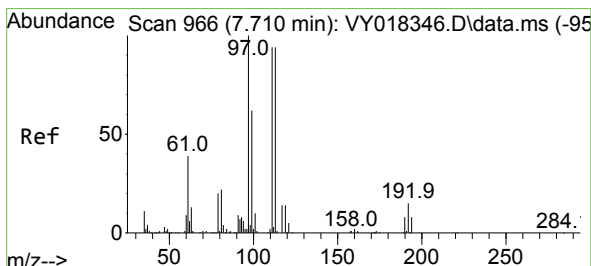
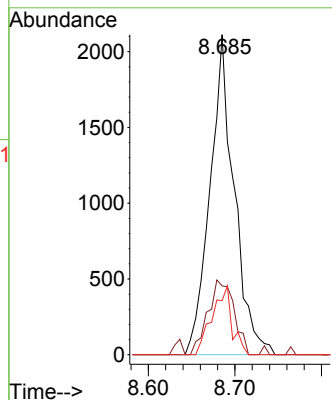
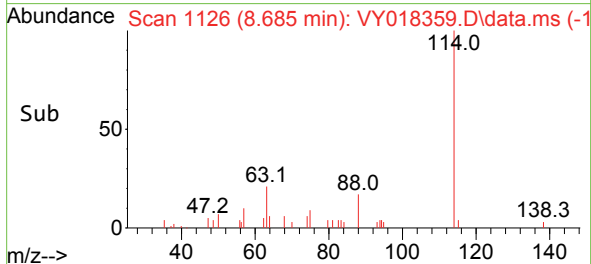


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

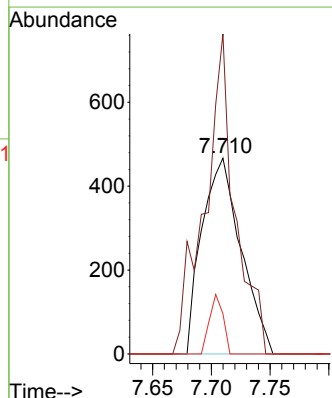
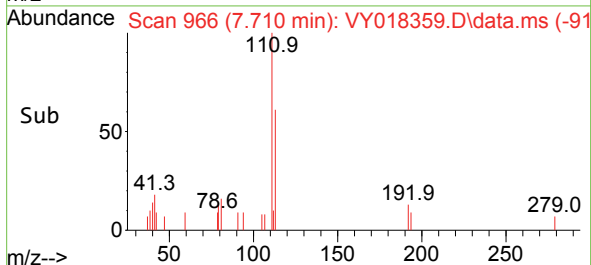
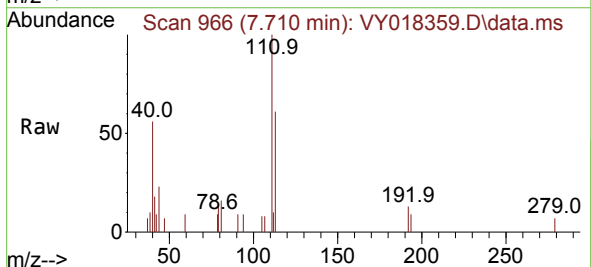


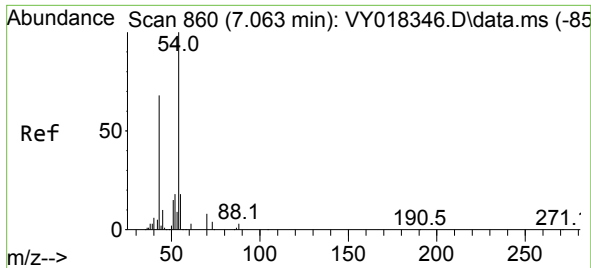
Tgt Ion:114 Resp: 4096
Ion Ratio Lower Upper
114 100
63 21.5 0.0 35.0
88 16.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 45.215 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion:113 Resp: 1080
Ion Ratio Lower Upper
113 100
111 126.5 82.2 123.4#
192 10.6 15.9 23.9#

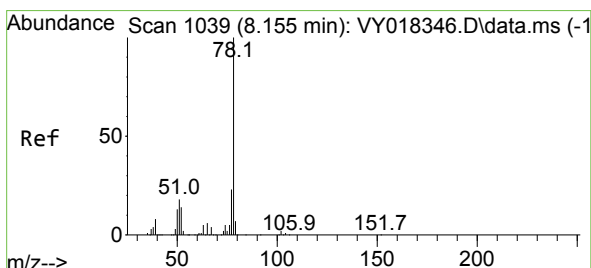
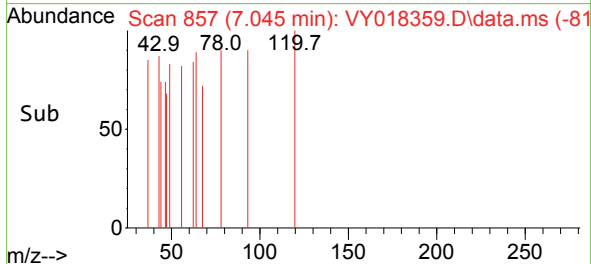
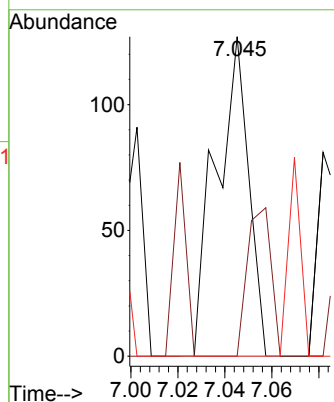
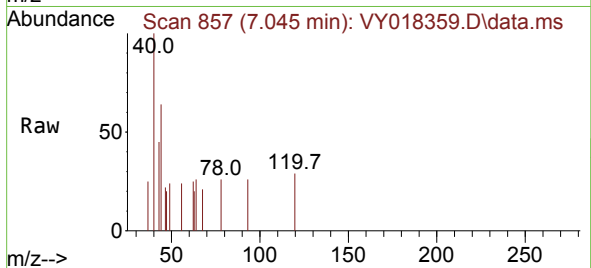




#37
Ethyl Acetate
Concen: 7.423 ug/l
RT: 7.045 min Scan# 81
Delta R.T. -0.018 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

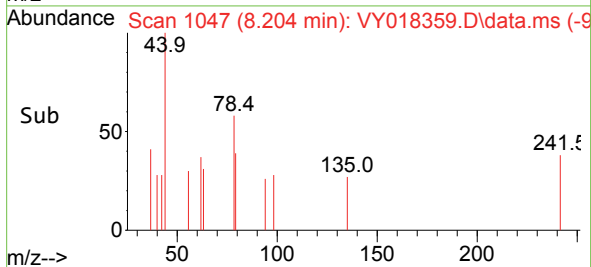
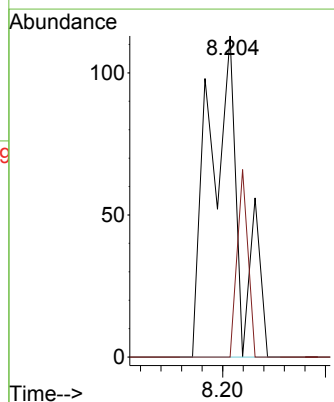
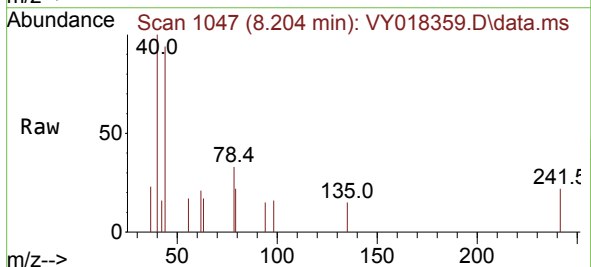
Instrument :
MSVOA_Y
ClientSampleId :

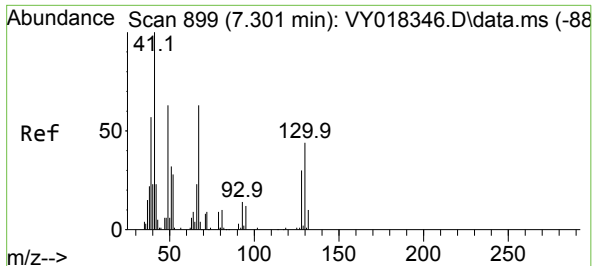
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



#40
Benzene
Concen: 1.108 ug/l
RT: 8.204 min Scan# 1047
Delta R.T. 0.049 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

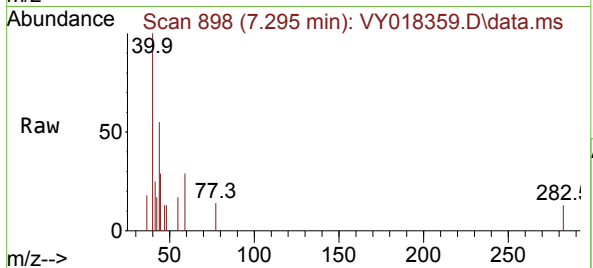
Tgt Ion: 78 Resp: 117
Ion Ratio Lower Upper
78 100
77 0.0 19.5 29.3#



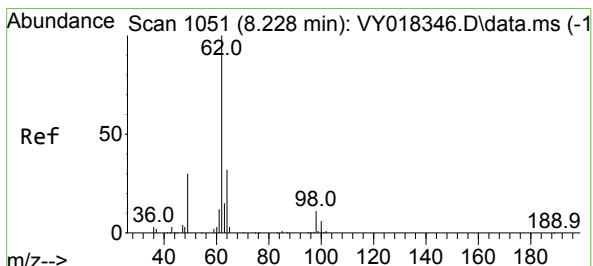
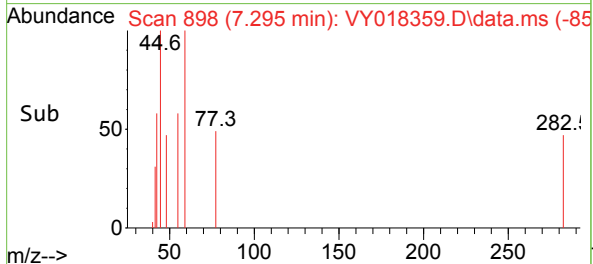
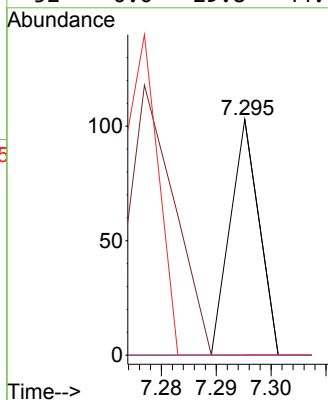


#41
Methacrylonitrile
Concen: 4.594 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

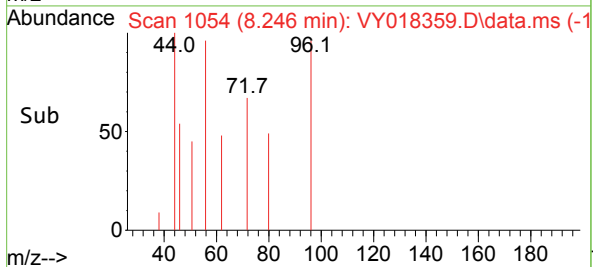
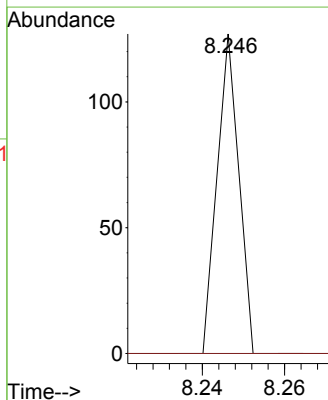
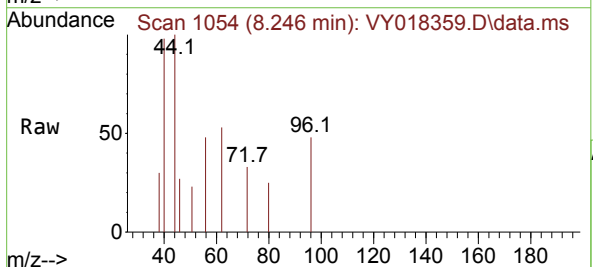


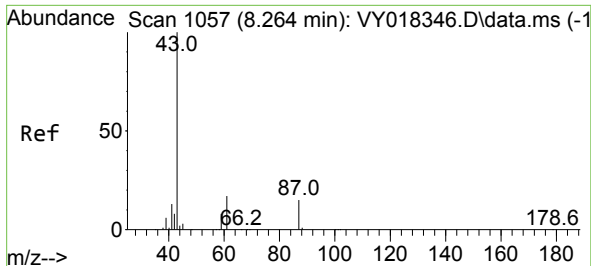
Tgt Ion: 41 Resp: 38
Ion Ratio Lower Upper
41 100
39 228.9 48.0 72.0#
67 189.5 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 1.811 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.018 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 62 Resp: 46
Ion Ratio Lower Upper
62 100
98 0.0 0.0 22.0

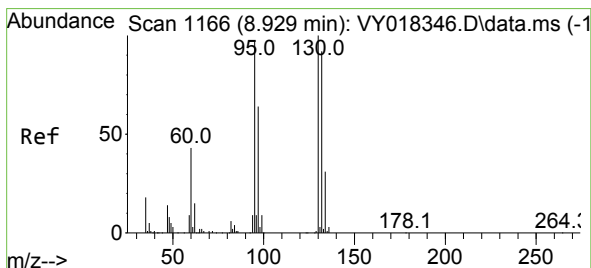
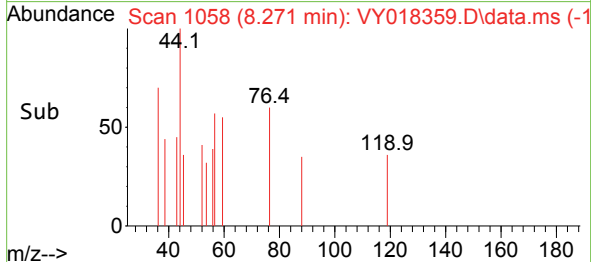
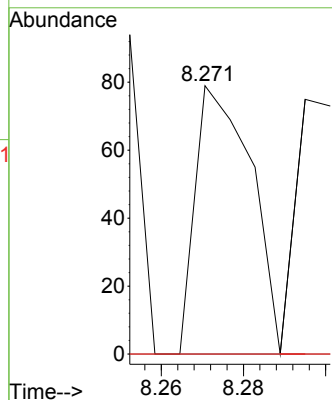
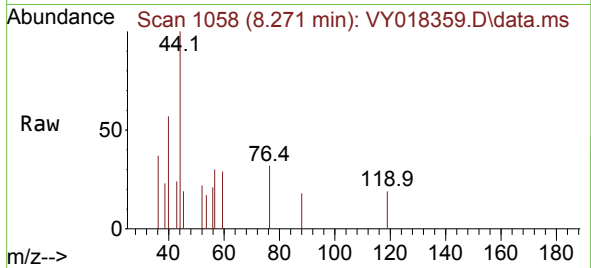




#43
Isopropyl Acetate
Concen: 2.289 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

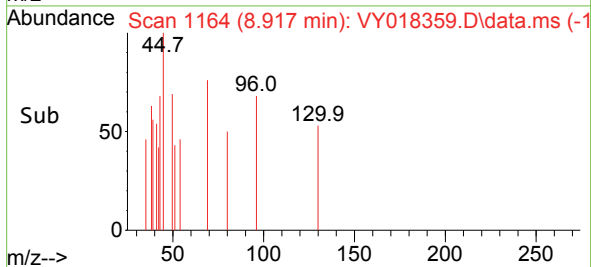
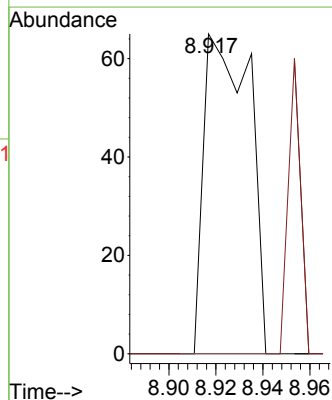
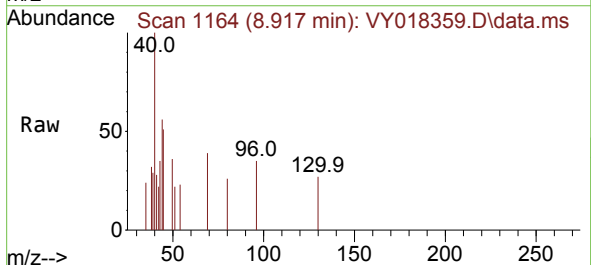
Instrument :
MSVOA_Y
ClientSampleId :

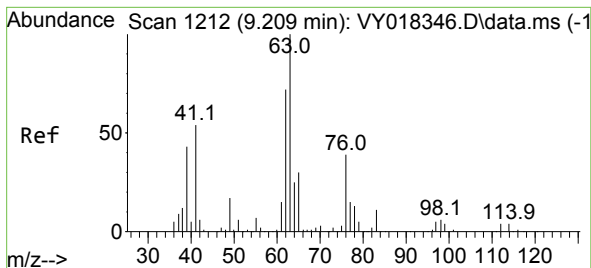
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#



#44
Trichloroethene
Concen: 3.214 ug/l
RT: 8.917 min Scan# 1164
Delta R.T. -0.012 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 130 Resp: 87
Ion Ratio Lower Upper
130 100
95 0.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 1.221 ug/l

RT: 9.264 min Scan# 11

Delta R.T. 0.055 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

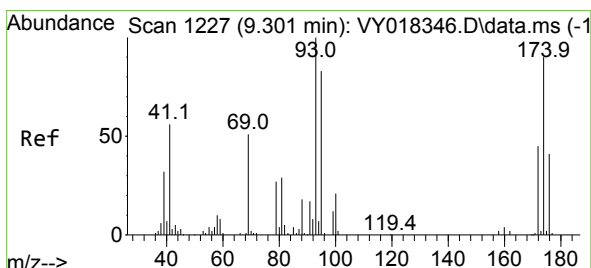
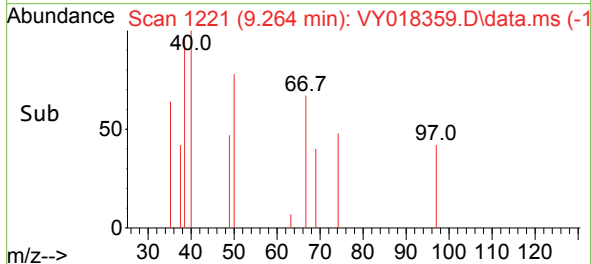
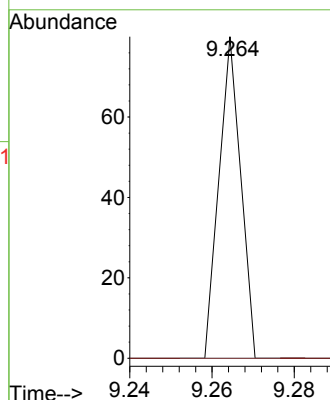
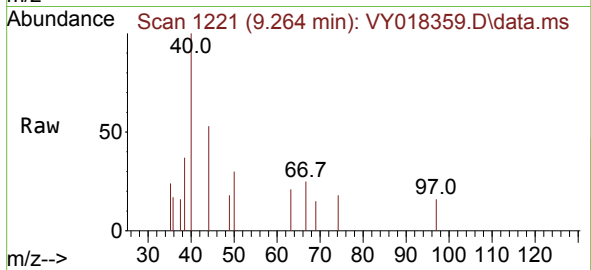
ClientSampleId :

Tgt Ion: 63 Resp: 29

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#46

Dibromomethane

Concen: 2.440 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

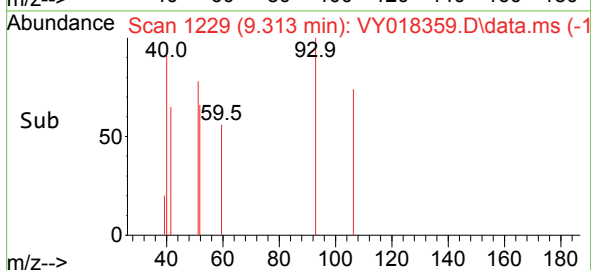
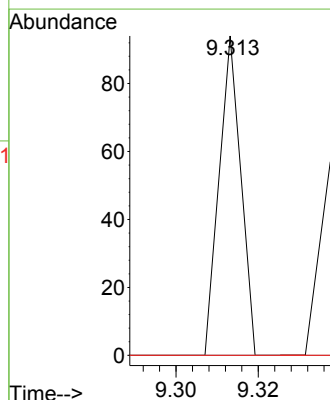
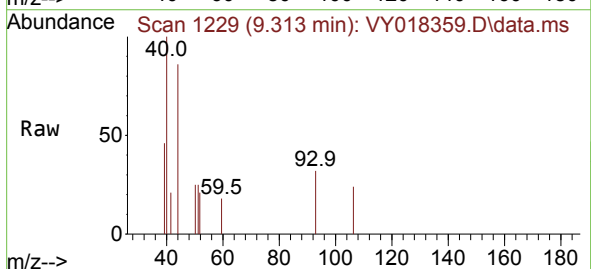
Tgt Ion: 93 Resp: 34

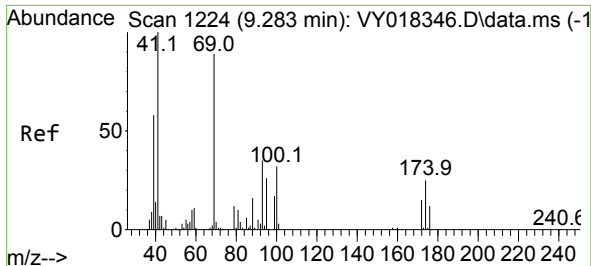
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

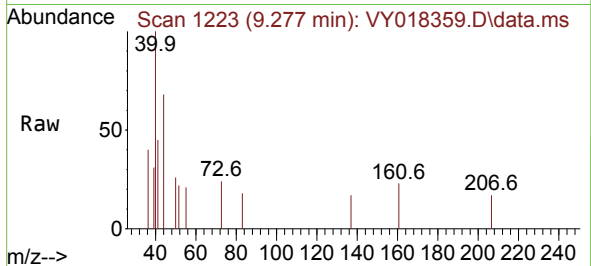
174 0.0 80.9 121.3#



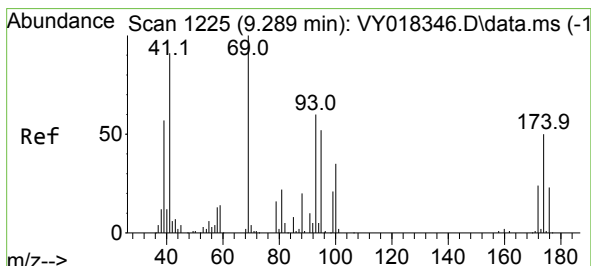
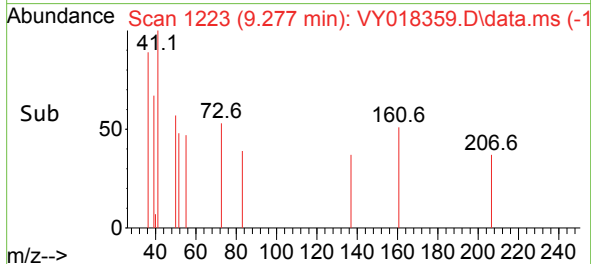
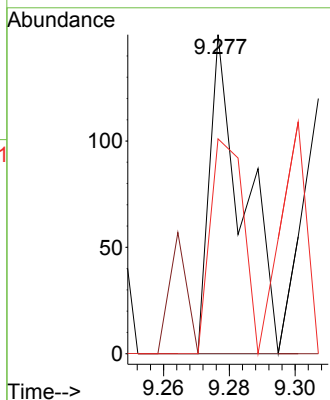


#48
Methyl methacrylate
Concen: 7.316 ug/l
RT: 9.277 min Scan# 1189
Delta R.T. -0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

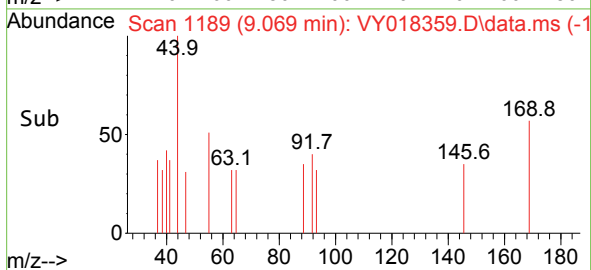
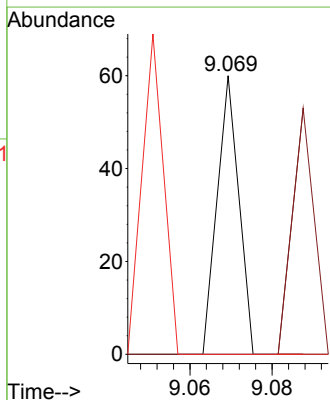
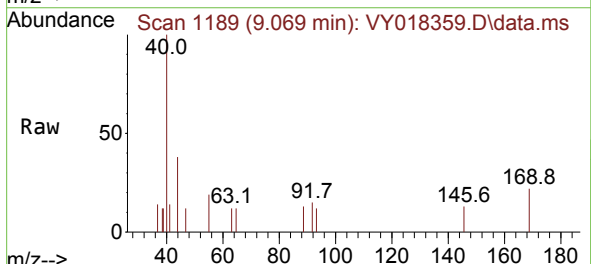


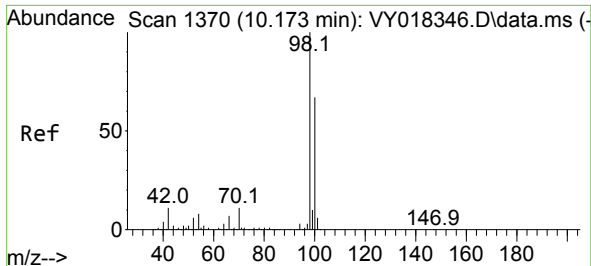
Tgt Ion: 41 Resp: 107
Ion Ratio Lower Upper
41 100
69 19.6 84.1 126.1#
39 66.4 43.6 65.4#



#49
1,4-Dioxane
Concen: 121.671 ug/l
RT: 9.069 min Scan# 1189
Delta R.T. -0.219 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 113.6 49.3 73.9#

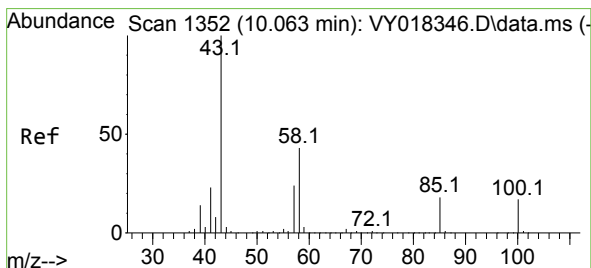
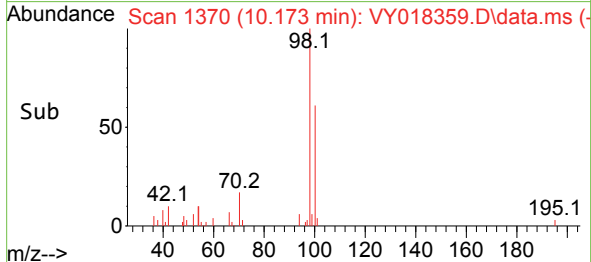
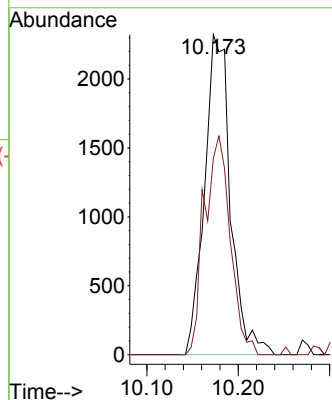
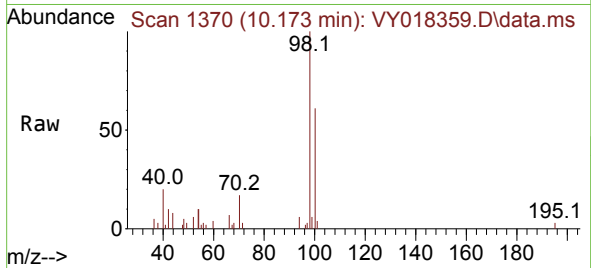




#50
Toluene-d8
Concen: 49.202 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

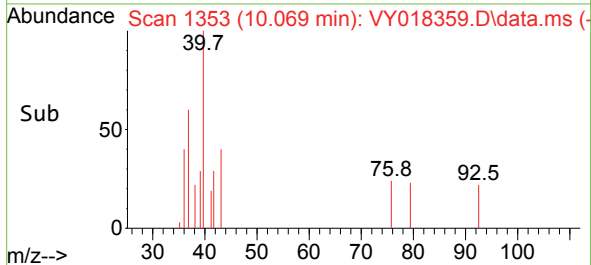
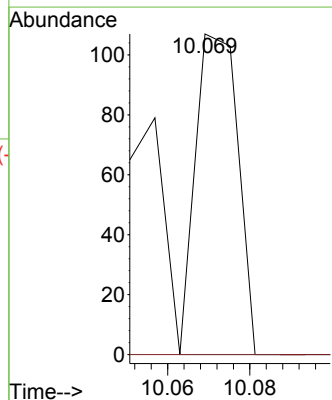
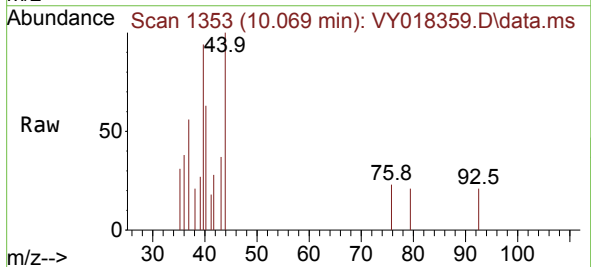
Instrument :
MSVOA_Y
ClientSampleId :

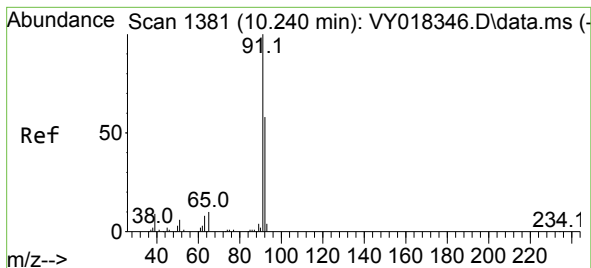
Tgt Ion: 98 Resp: 4582
Ion Ratio Lower Upper
98 100
100 68.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 4.719 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#





#52

Toluene

Concen: 1.088 ug/l

RT: 10.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

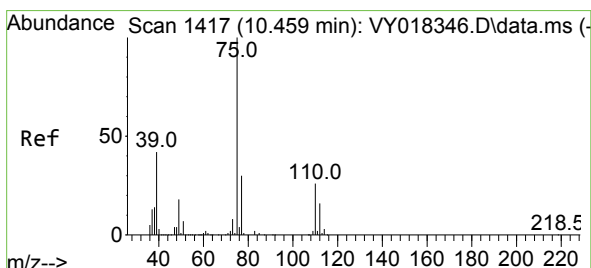
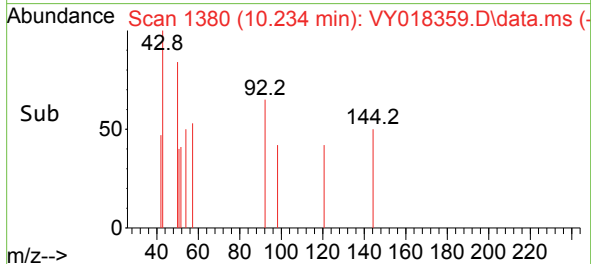
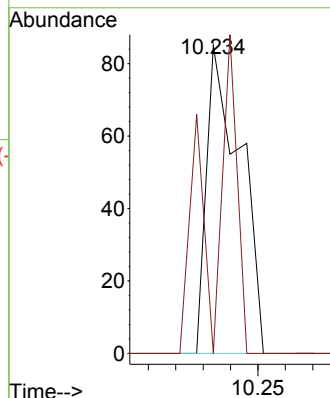
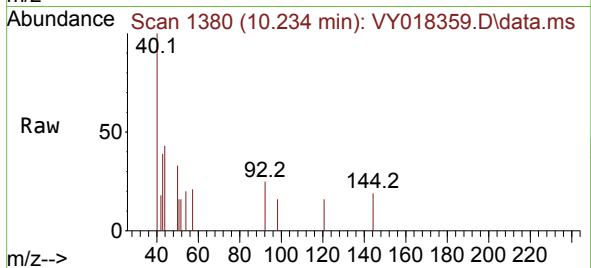
ClientSampleId :

Tgt Ion: 92 Resp: 72

Ion Ratio Lower Upper

92 100

91 33.3 139.0 208.6#



#53

t-1,3-Dichloropropene

Concen: 1.100 ug/l

RT: 10.410 min Scan# 1409

Delta R.T. -0.049 min

Lab File: VY018359.D

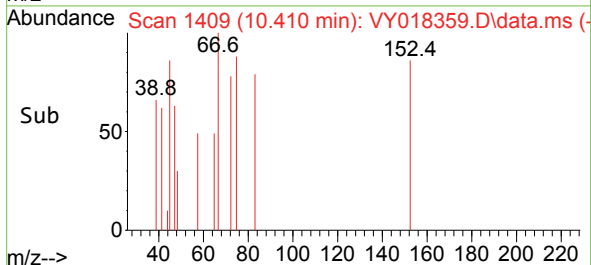
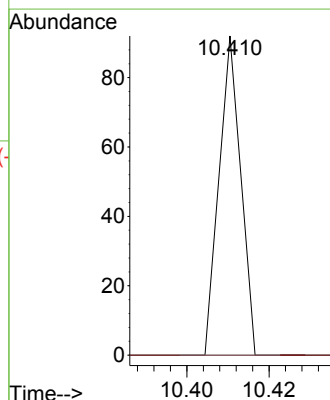
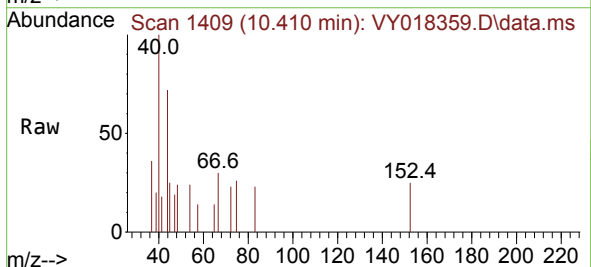
Acq: 23 May 2024 14:04

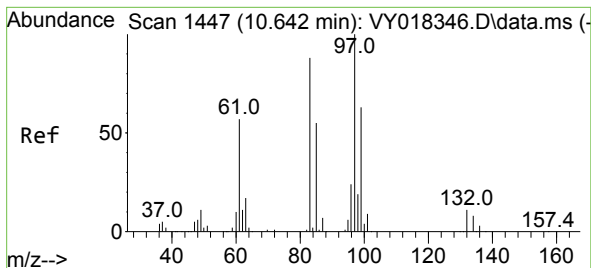
Tgt Ion: 75 Resp: 34

Ion Ratio Lower Upper

75 100

77 0.0 24.1 36.1#





#55

1,1,2-Trichloroethane

Concen: 2.221 ug/l

RT: 10.709 min Scan# 14

Delta R.T. 0.067 min

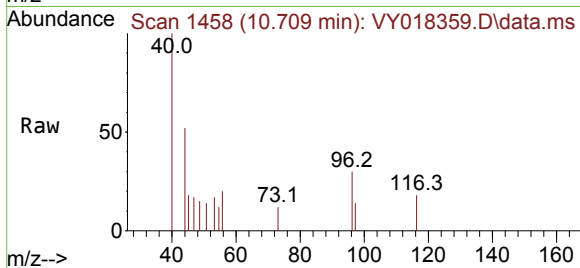
Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 41

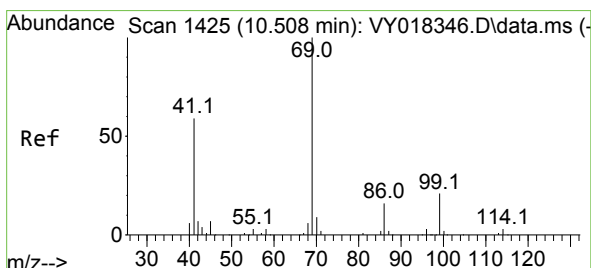
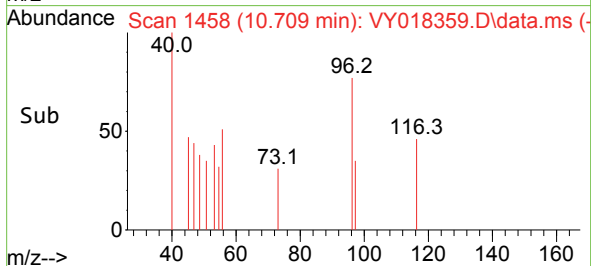
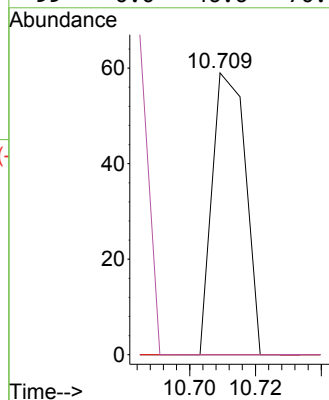
Ion Ratio Lower Upper

97 100

83 0.0 67.5 101.3#

85 0.0 42.9 64.3#

99 0.0 46.6 70.0#



#56

Ethyl methacrylate

Concen: 2.290 ug/l

RT: 10.398 min Scan# 1407

Delta R.T. -0.110 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

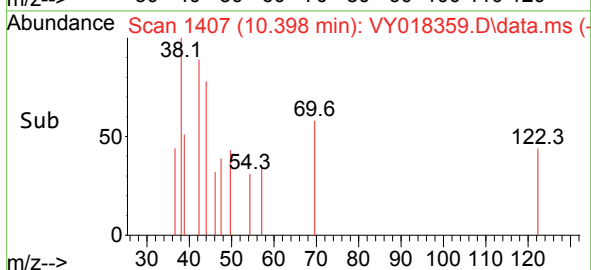
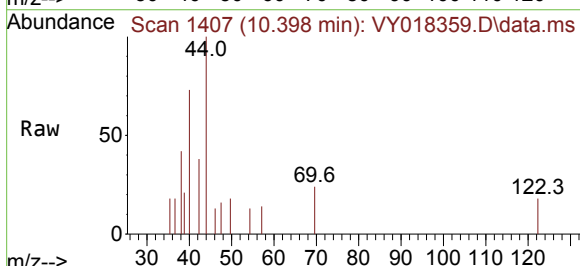
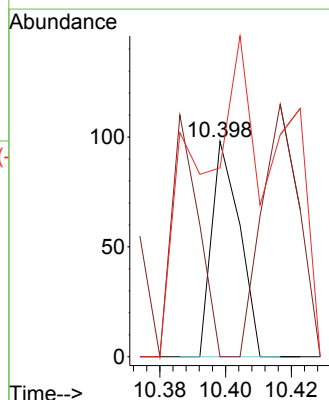
Tgt Ion: 69 Resp: 58

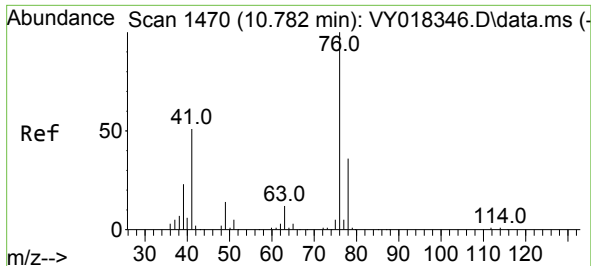
Ion Ratio Lower Upper

69 100

41 155.2 42.3 63.5#

39 441.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 2.461 ug/l

RT: 10.679 min Scan# 1470

Delta R.T. -0.104 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

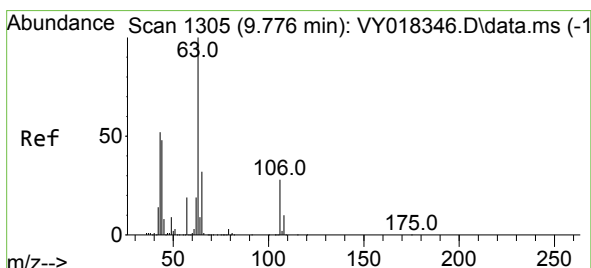
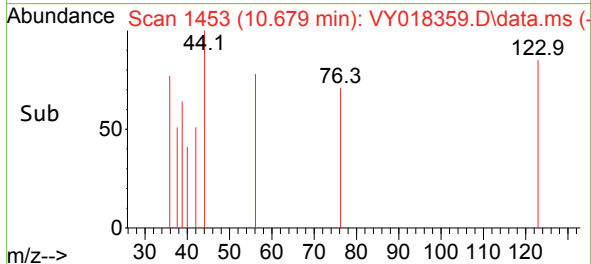
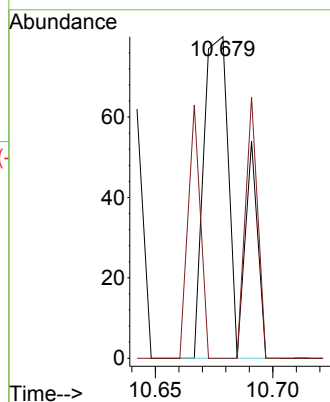
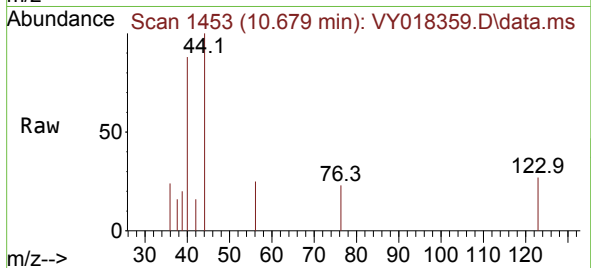
ClientSampleId :

Tgt Ion: 76 Resp: 77

Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 3.758 ug/l

RT: 9.837 min Scan# 1315

Delta R.T. 0.061 min

Lab File: VY018359.D

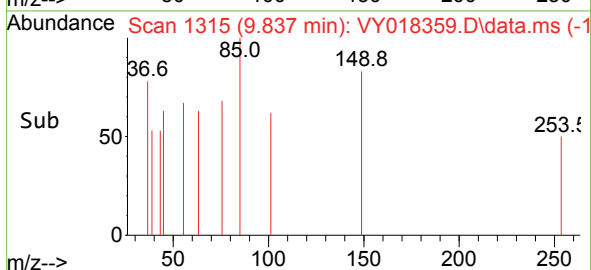
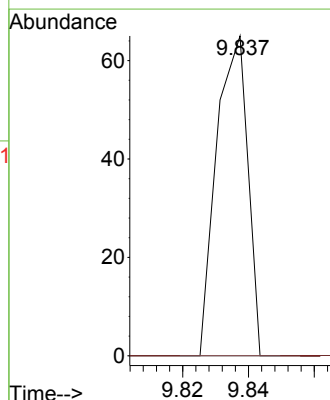
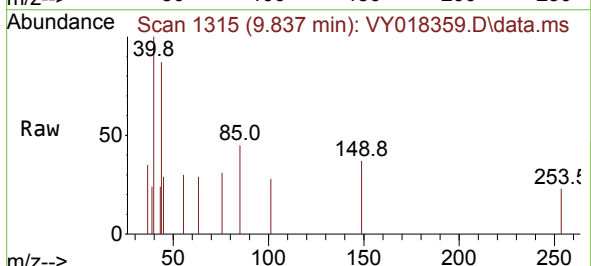
Acq: 23 May 2024 14:04

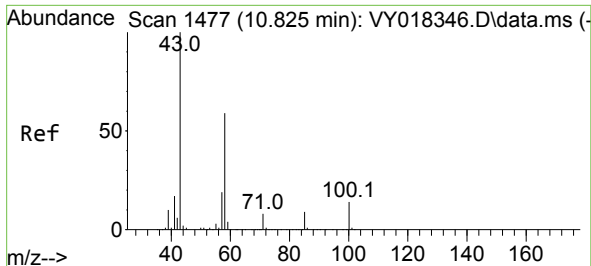
Tgt Ion: 63 Resp: 43

Ion Ratio Lower Upper

63 100

106 0.0 23.7 35.5#





#59

2-Hexanone

Concen: 12.024 ug/l

RT: 10.782 min Scan# 1469

Delta R.T. -0.043 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

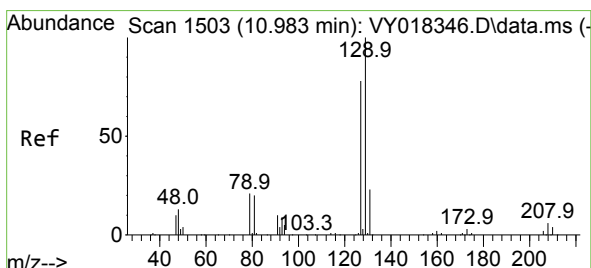
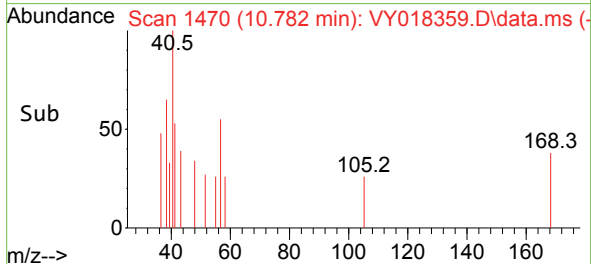
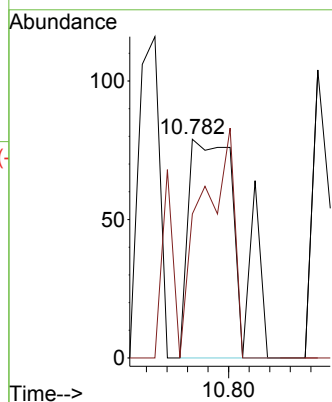
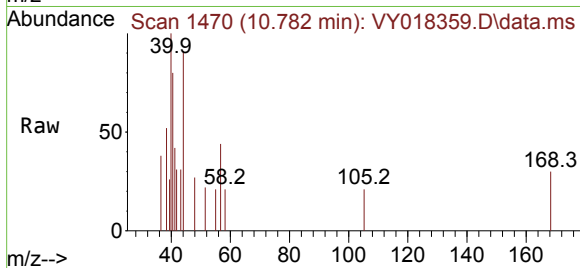
ClientSampleId :

Tgt Ion: 43 Resp: 135

Ion Ratio Lower Upper

43 100

58 67.4 31.4 94.0



#60

Dibromochloromethane

Concen: 1.973 ug/l

RT: 10.776 min Scan# 1469

Delta R.T. -0.207 min

Lab File: VY018359.D

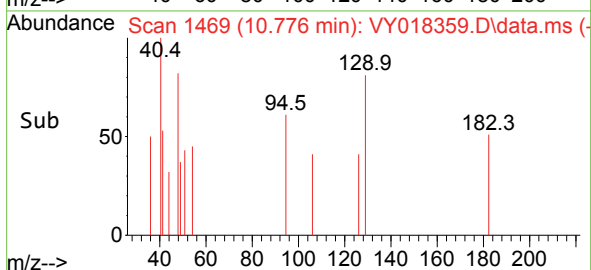
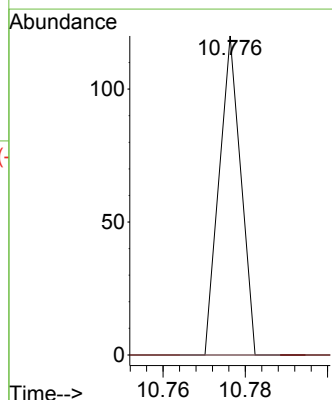
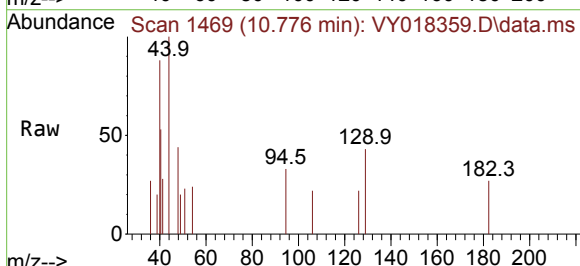
Acq: 23 May 2024 14:04

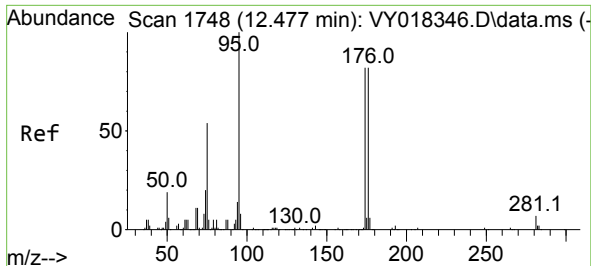
Tgt Ion:129 Resp: 44

Ion Ratio Lower Upper

129 100

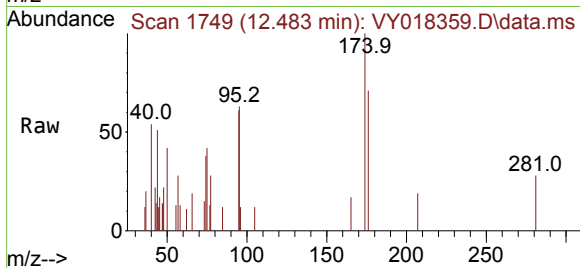
127 0.0 39.0 117.0#



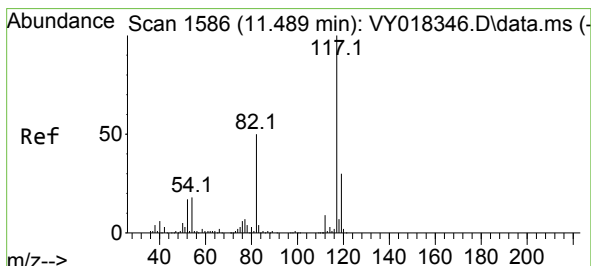
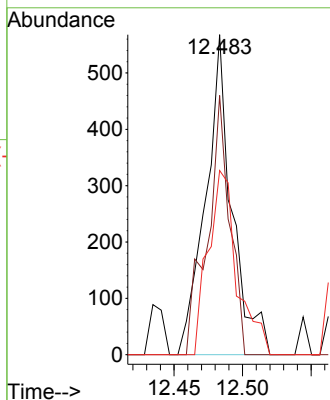
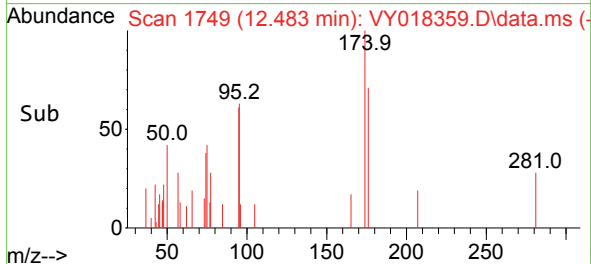


#62
4-Bromofluorobenzene
Concen: 26.342 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

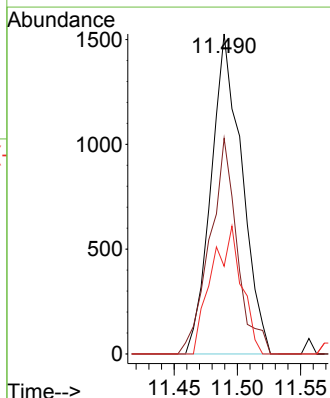
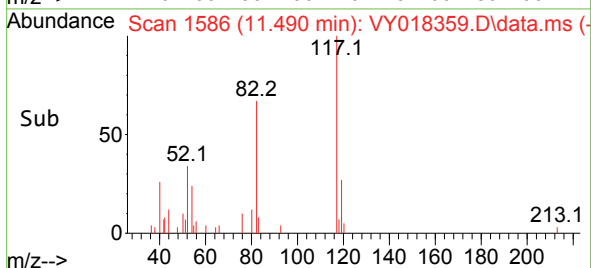
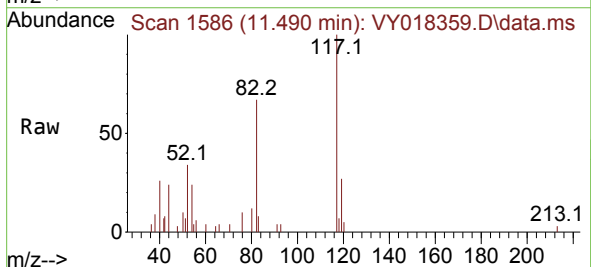


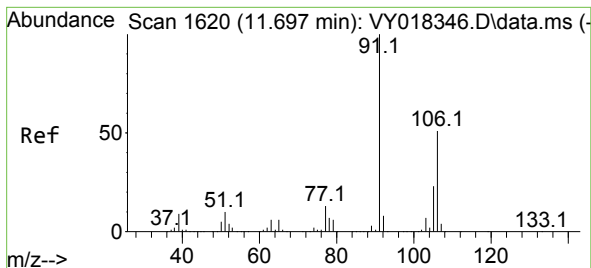
Tgt Ion: 95 Resp: 758
Ion Ratio Lower Upper
95 100
174 68.9 0.0 175.6
176 63.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 117 Resp: 2587
Ion Ratio Lower Upper
117 100
82 67.4 42.4 63.6#
119 27.4 25.9 38.9

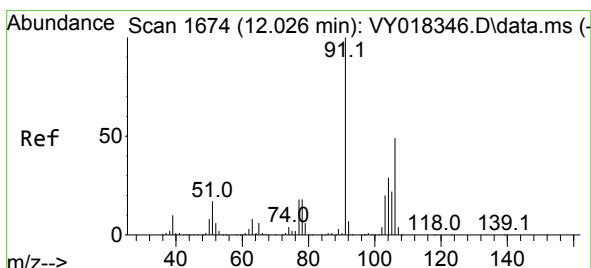
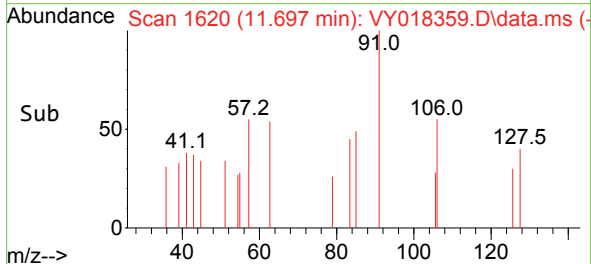
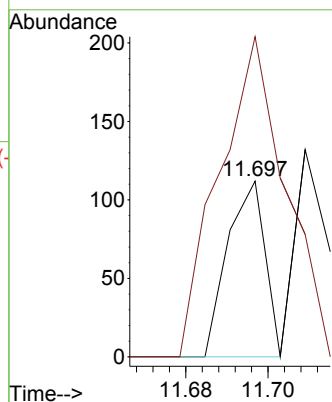
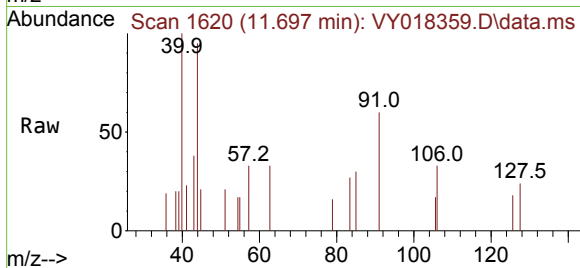




#68
m/p-Xylenes
Concen: 1.966 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

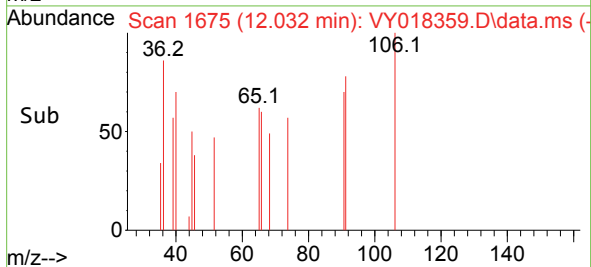
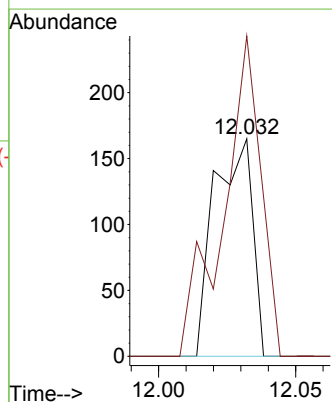
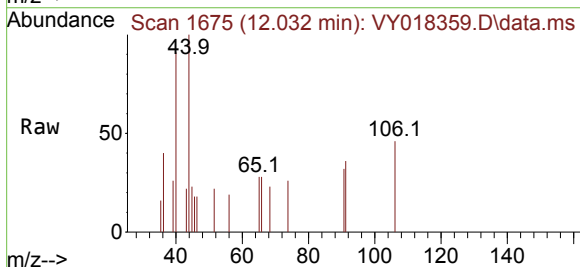
Instrument :
MSVOA_Y
ClientSampleId :

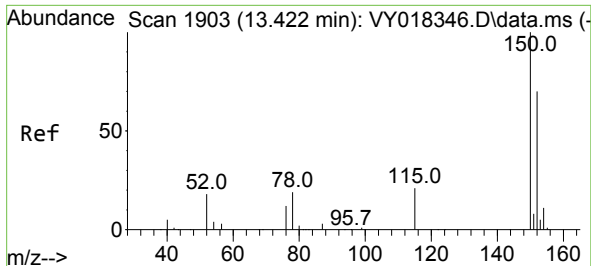
Tgt Ion:106 Resp: 71
Ion Ratio Lower Upper
106 100
91 350.7 156.0 234.0#



#69
o-Xylene
Concen: 4.666 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion:106 Resp: 159
Ion Ratio Lower Upper
106 100
91 145.9 103.6 310.8

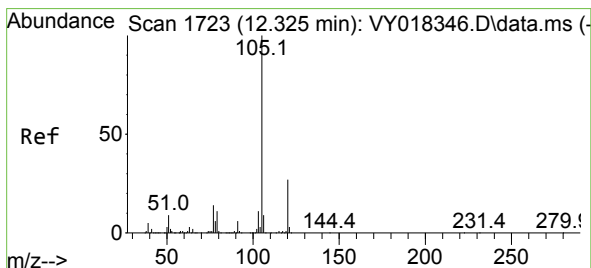
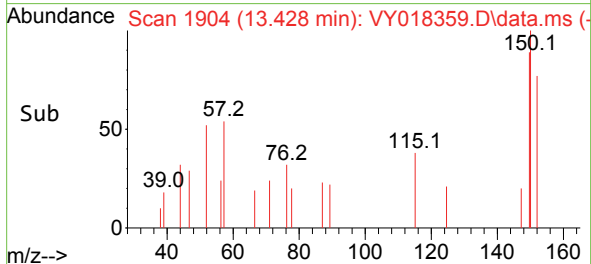
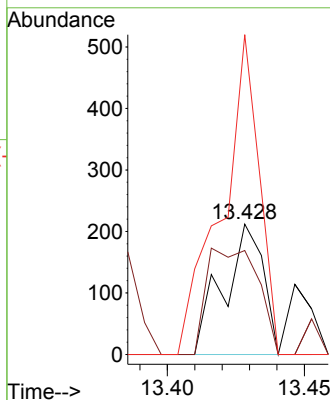
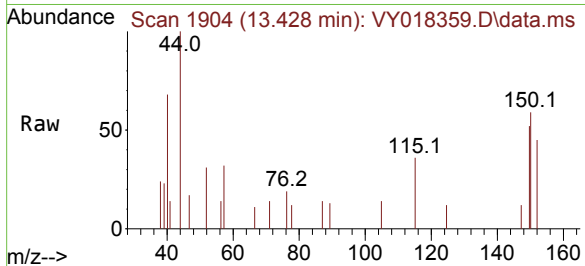




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

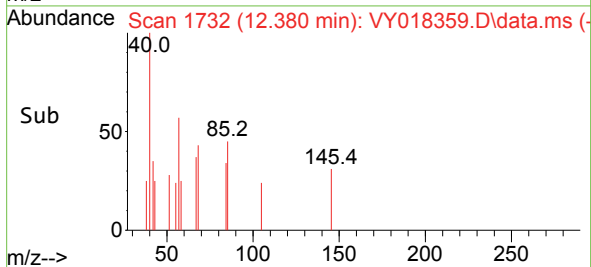
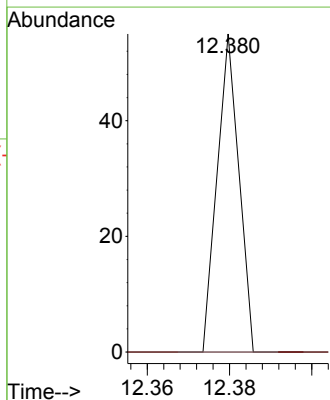
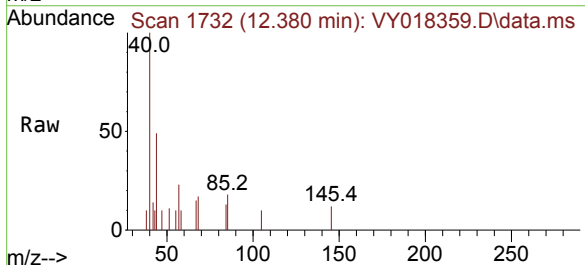
Instrument :
MSVOA_Y
ClientSampleId :

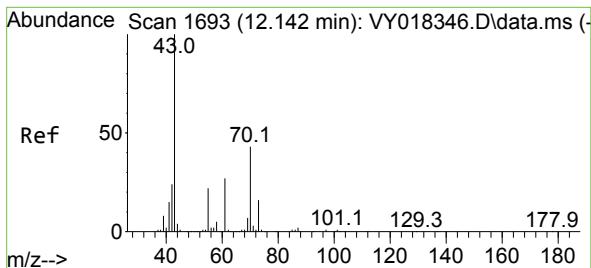
Tgt Ion:152 Resp: 213
Ion Ratio Lower Upper
152 100
115 105.2 28.2 84.7#
150 233.3 0.0 345.6



#73
Isopropylbenzene
Concen: 1.195 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.055 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

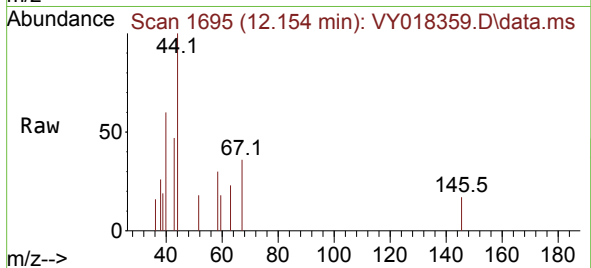
Tgt Ion:105 Resp: 20
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.1#



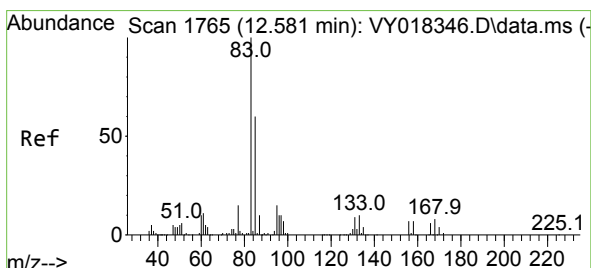
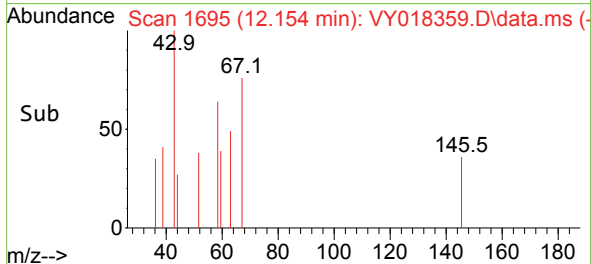
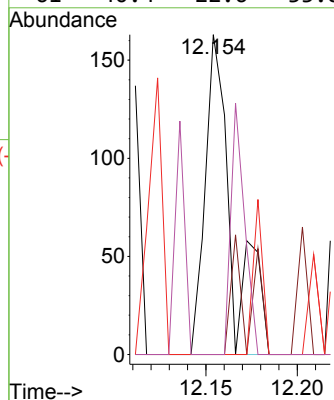


#74
N-amy1 acetate
Concen: 42.500 ug/l
RT: 12.154 min Scan# 166
Delta R.T. 0.012 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

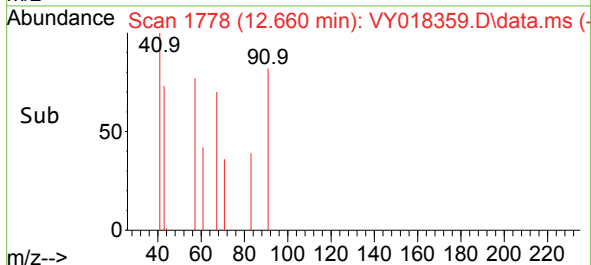
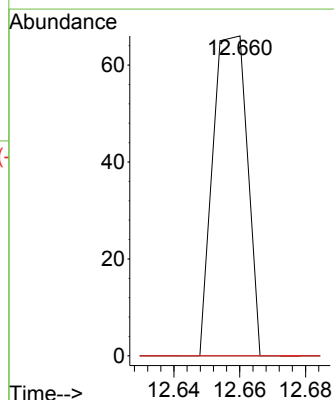
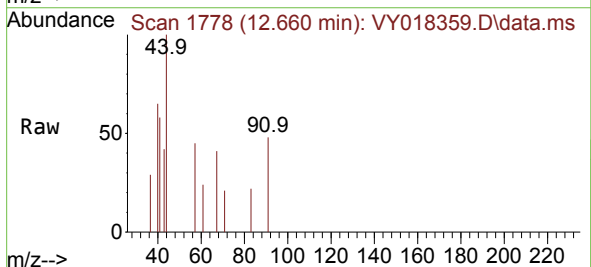


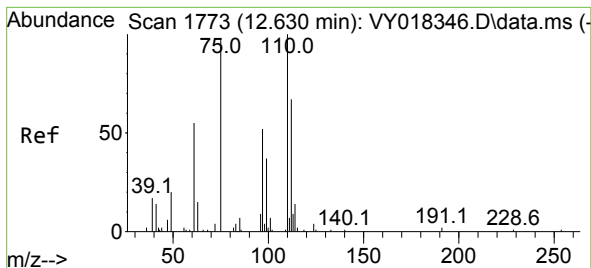
Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
70 25.3 41.4 62.2#
55 0.0 23.3 34.9#
61 40.4 22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 16.827 ug/l
RT: 12.660 min Scan# 1778
Delta R.T. 0.079 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 83 Resp: 48
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.0#

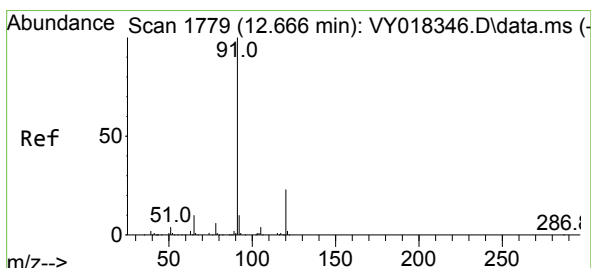
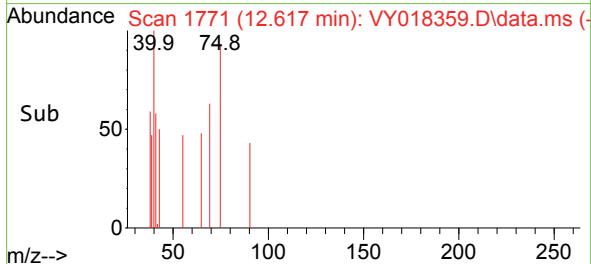
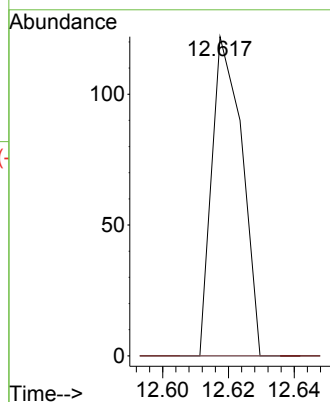
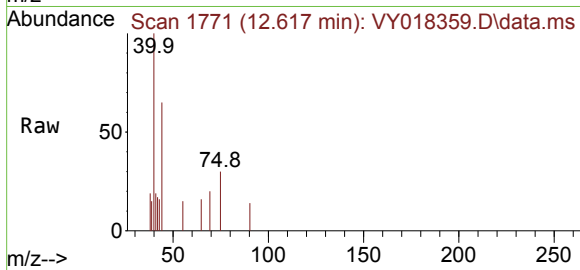




#76
1,2,3-Trichloropropane
Concen: 40.744 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.012 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

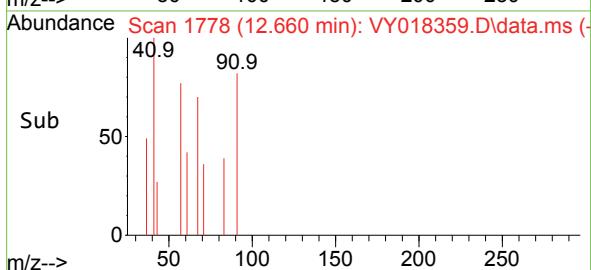
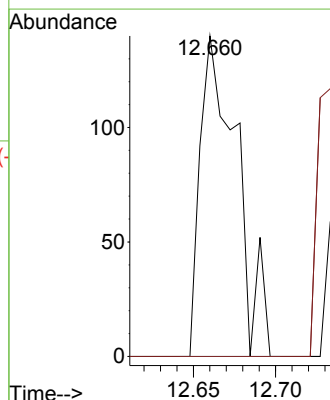
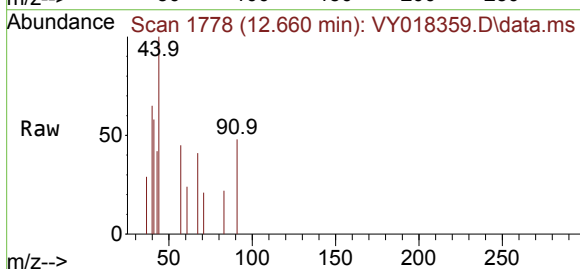
Instrument :
MSVOA_Y
ClientSampleId :

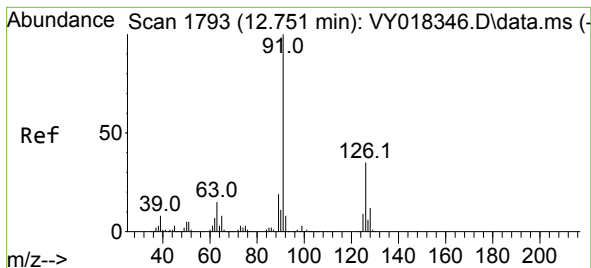
Tgt Ion: 75 Resp: 78
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 10.776 ug/l
RT: 12.660 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 91 Resp: 216
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#





#79

2-Chlorotoluene

Concen: 2.211 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

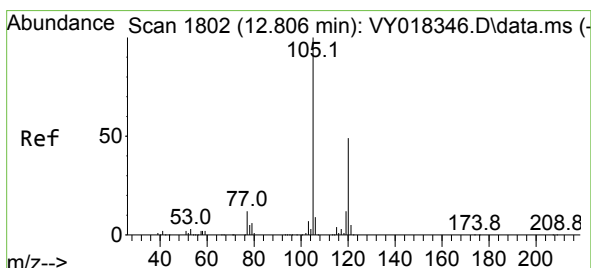
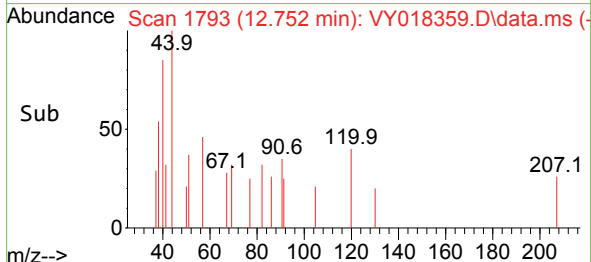
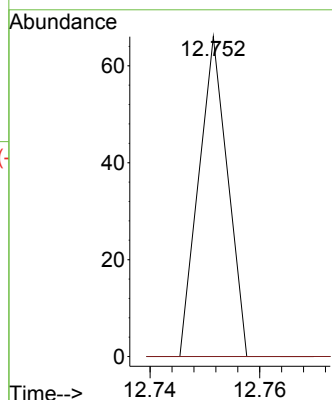
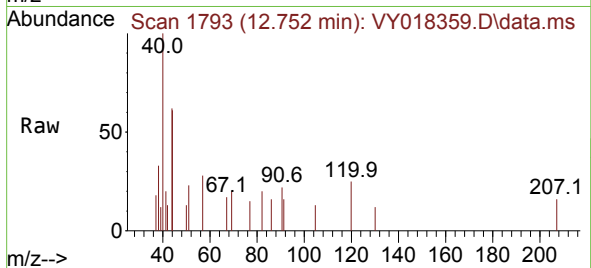
ClientSampleId :

Tgt Ion: 91 Resp: 24

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



#80

1,3,5-Trimethylbenzene

Concen: 10.490 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. -0.043 min

Lab File: VY018359.D

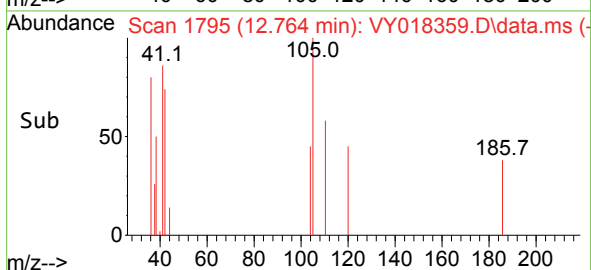
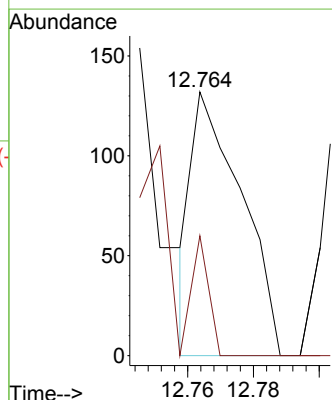
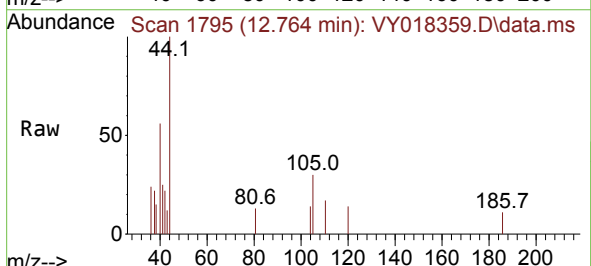
Acq: 23 May 2024 14:04

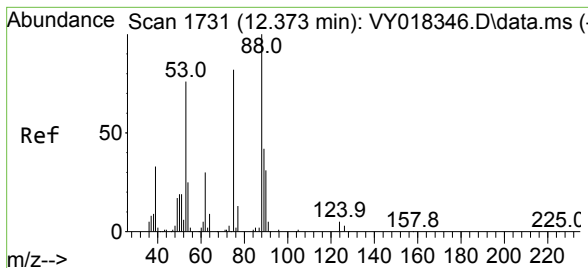
Tgt Ion: 105 Resp: 138

Ion Ratio Lower Upper

105 100

120 64.5 25.1 75.2

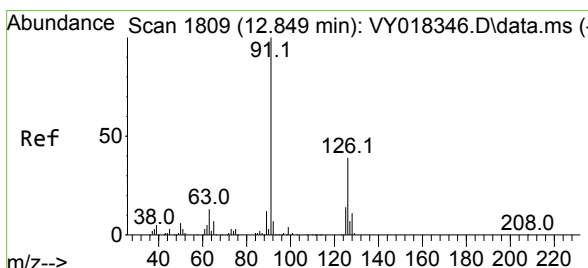
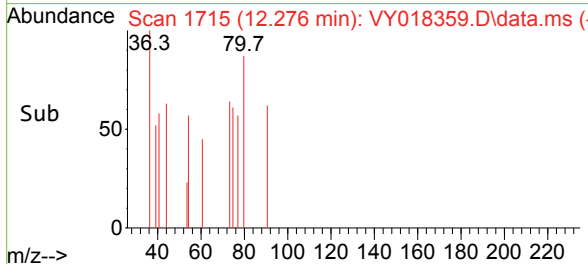
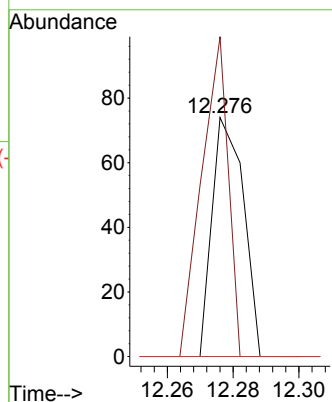
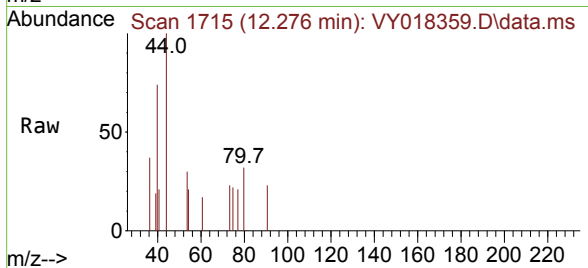




#81
trans-1,4-Dichloro-2-butene
Concen: 52.663 ug/l
RT: 12.276 min Scan# 11
Delta R.T. -0.097 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

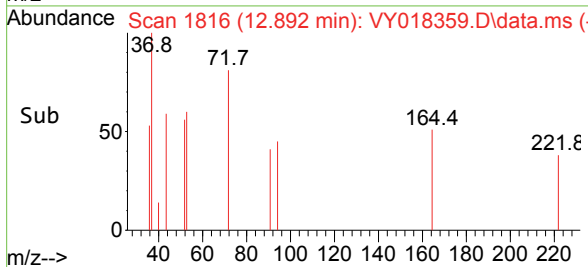
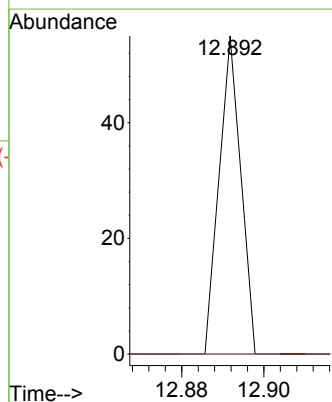
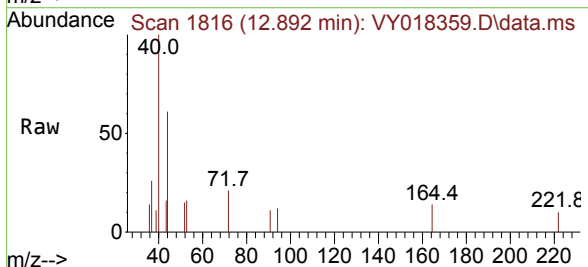
Instrument :
MSVOA_Y
ClientSampleId :

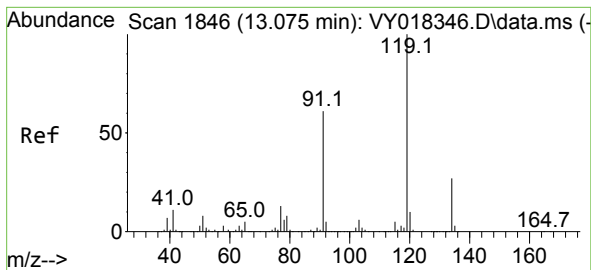
Tgt Ion: 75 Resp: 49
Ion Ratio Lower Upper
75 100
53 114.3 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 1.818 ug/l
RT: 12.892 min Scan# 1816
Delta R.T. 0.043 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#83

tert-Butylbenzene

Concen: 5.838 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.049 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

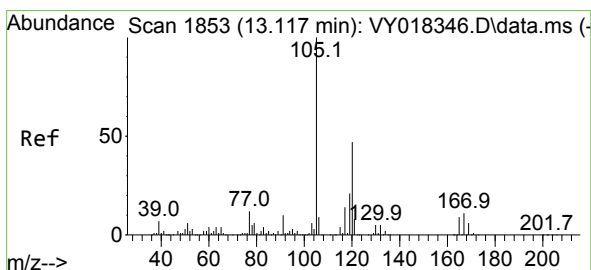
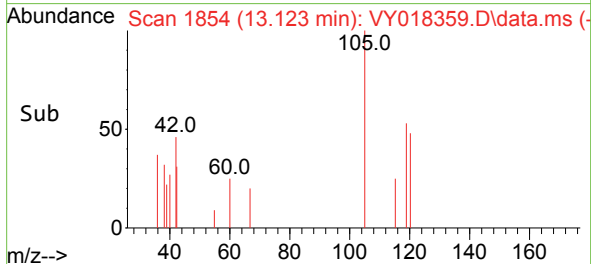
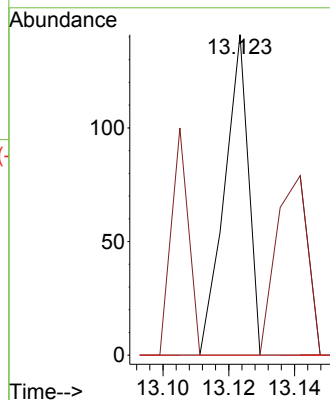
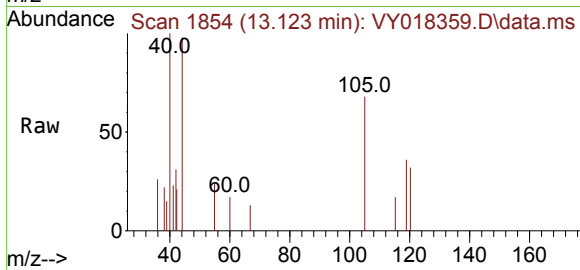
Tgt Ion:119 Resp: 71

Ion Ratio Lower Upper

119 100

91 74.6 31.3 93.8

134 0.0 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 33.853 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018359.D

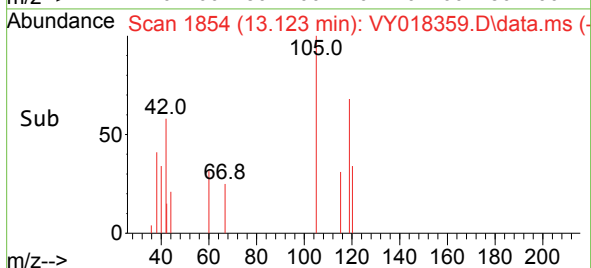
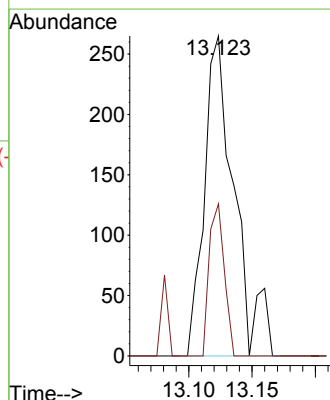
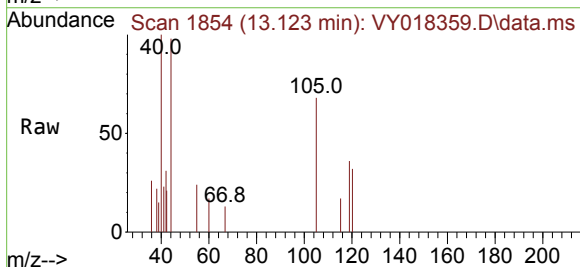
Acq: 23 May 2024 14:04

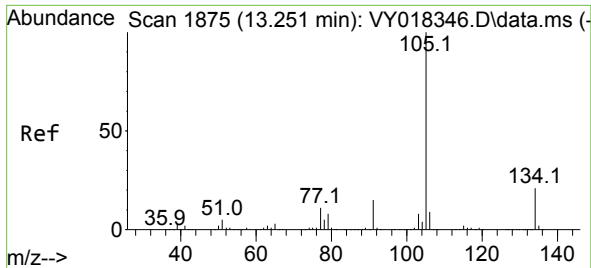
Tgt Ion:105 Resp: 438

Ion Ratio Lower Upper

105 100

120 24.0 23.2 69.6

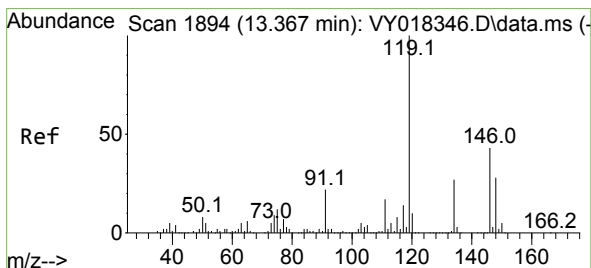
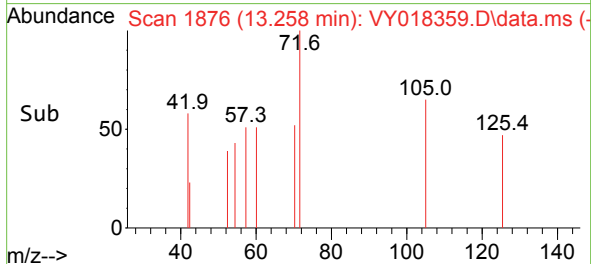
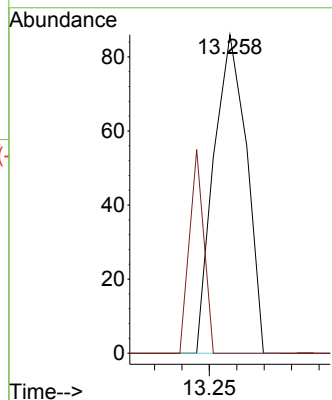
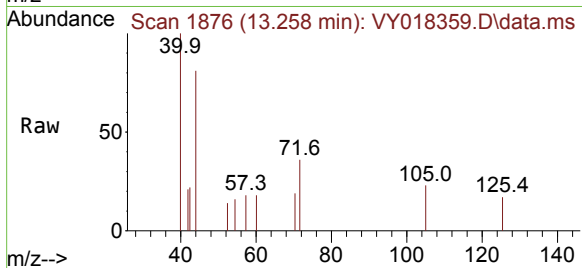




#85
 sec-Butylbenzene
 Concen: 3.948 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY018359.D
 Acq: 23 May 2024 14:04

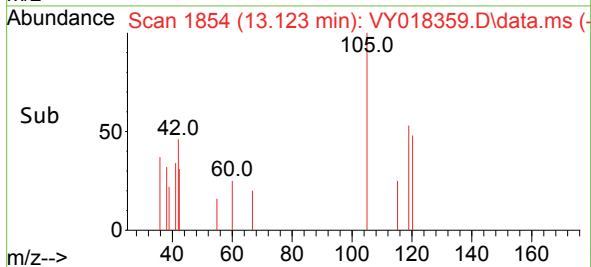
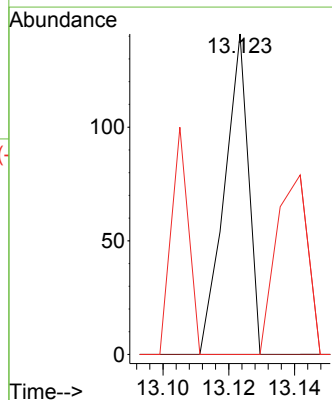
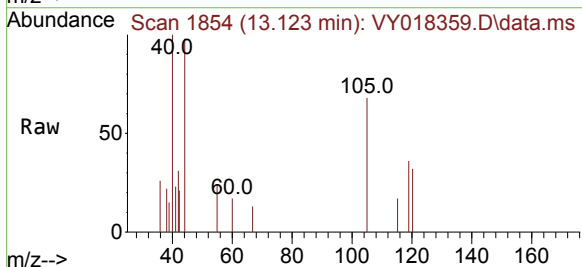
Instrument :
 MSVOA_Y
 ClientSampleId :

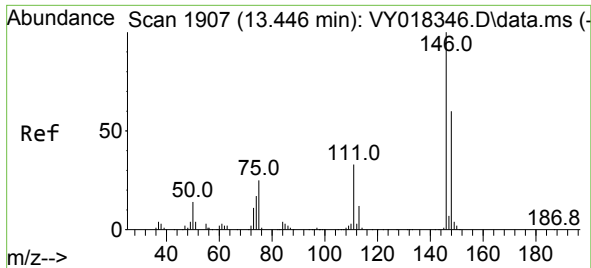
Tgt Ion:105 Resp: 71
 Ion Ratio Lower Upper
 105 100
 134 28.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 4.826 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.244 min
 Lab File: VY018359.D
 Acq: 23 May 2024 14:04

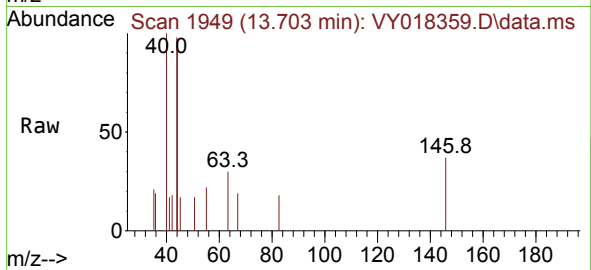
Tgt Ion:119 Resp: 71
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.3#
 91 74.6 10.7 32.1#



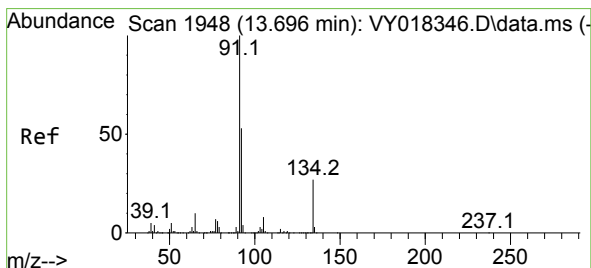
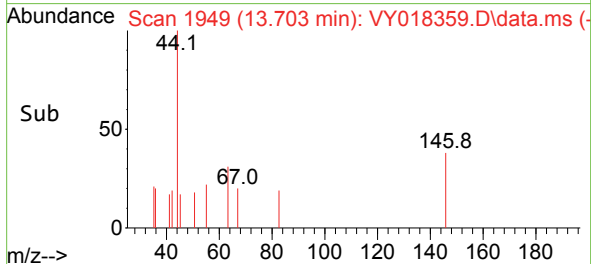
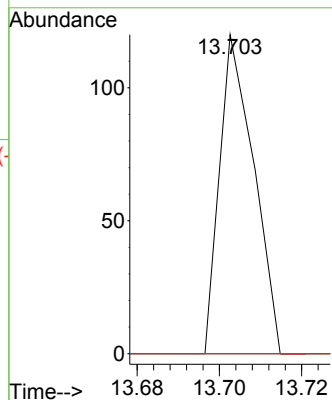


#88
1,4-Dichlorobenzene
Concen: 9.602 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.256 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

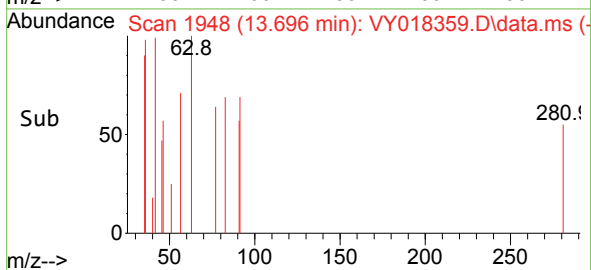
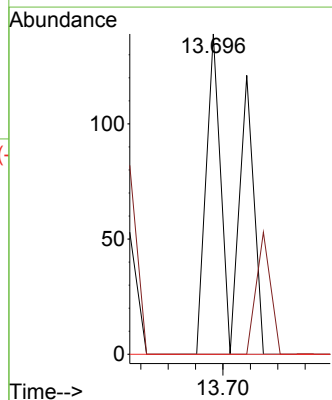
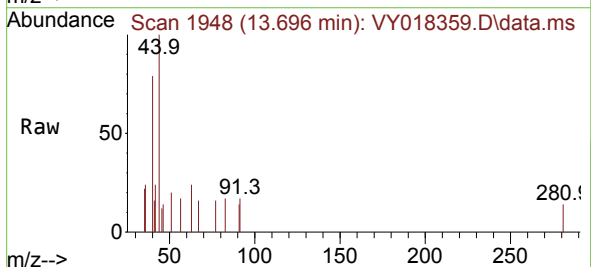


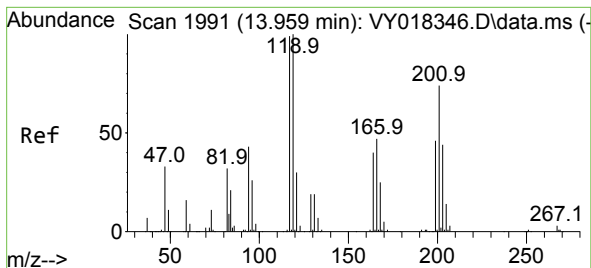
Tgt Ion:146 Resp: 69
Ion Ratio Lower Upper
146 100
111 0.0 18.4 55.4#
148 0.0 32.4 97.2#



#89
n-Butylbenzene
Concen: 6.872 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 91 Resp: 95
Ion Ratio Lower Upper
91 100
92 20.0 26.6 79.7#
134 0.0 12.9 38.7#





#90

Hexachloroethane

Concen: 19.877 ug/l

RT: 14.074 min Scan# 2010

Delta R.T. 0.116 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

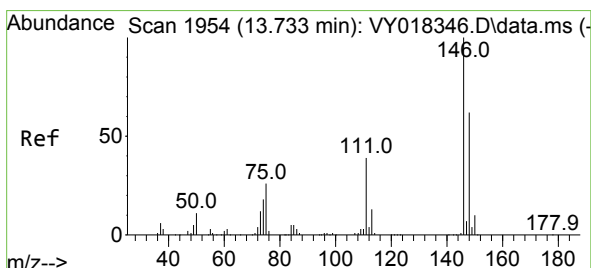
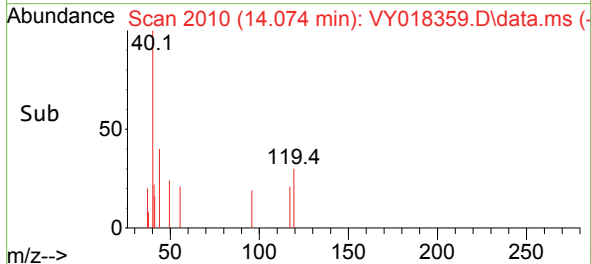
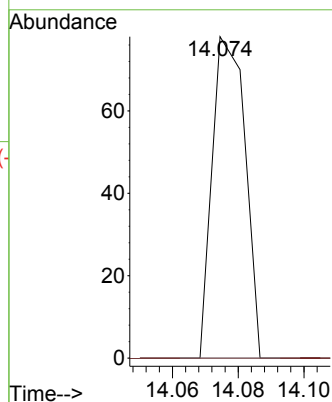
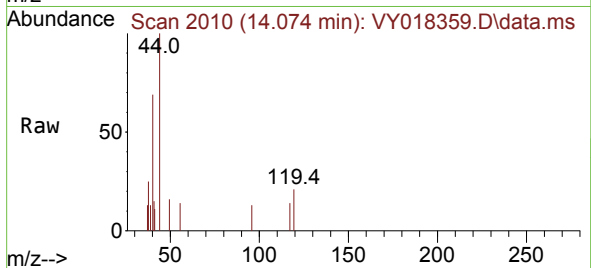
ClientSampleId :

Tgt Ion:117 Resp: 54

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#91

1,2-Dichlorobenzene

Concen: 11.013 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.030 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

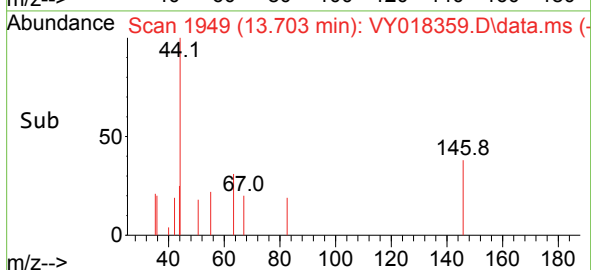
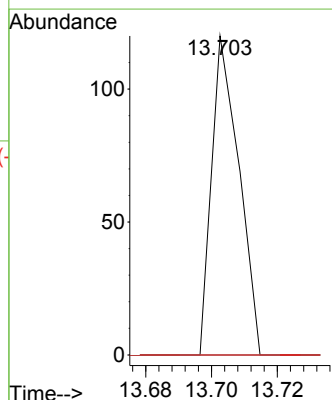
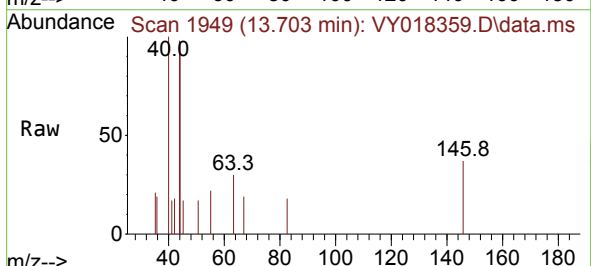
Tgt Ion:146 Resp: 69

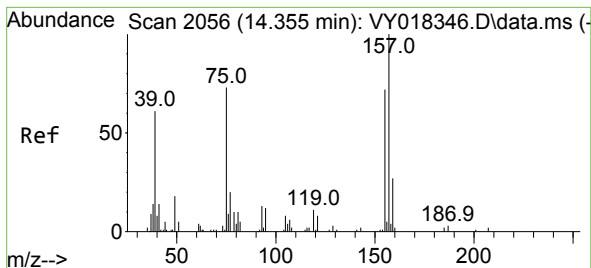
Ion Ratio Lower Upper

146 100

111 0.0 19.9 59.7#

148 0.0 31.8 95.4#

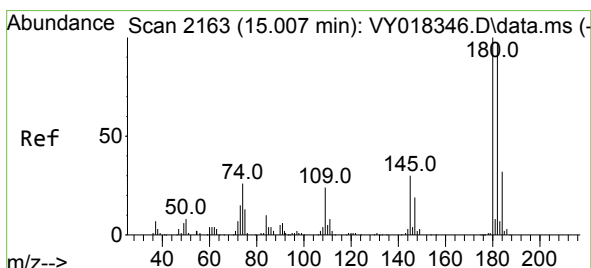
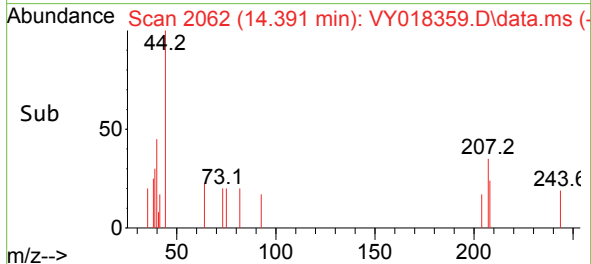
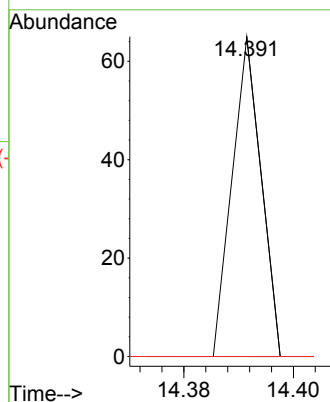
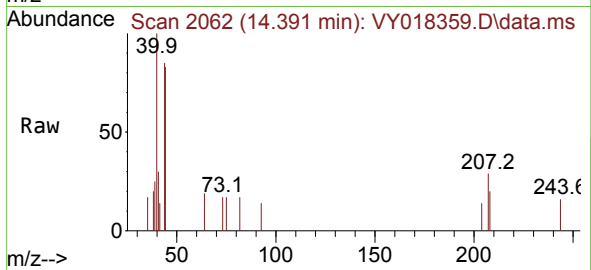




#92
1,2-Dibromo-3-Chloropropane
Concen: 61.341 ug/l
RT: 14.391 min Scan# 2056
Delta R.T. 0.037 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

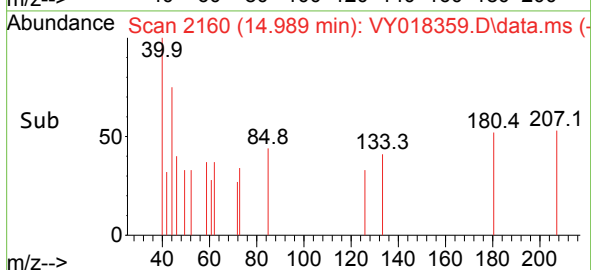
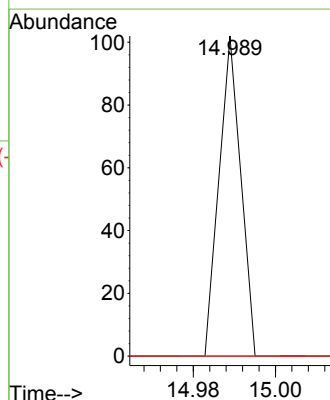
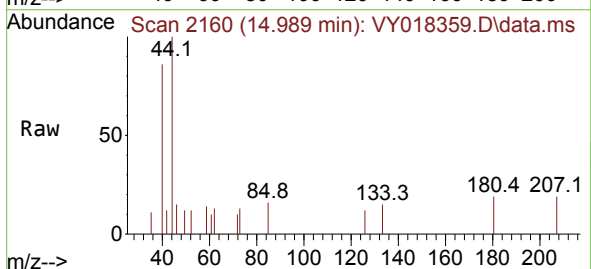
Instrument :
MSVOA_Y
ClientSampleId :

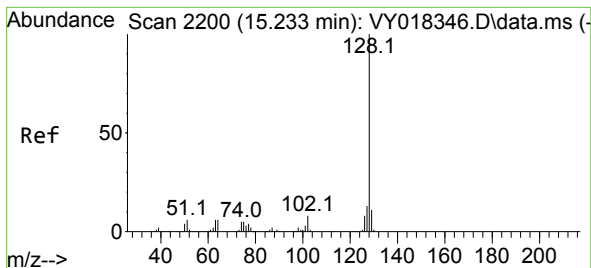
Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



#93
1,2,4-Trichlorobenzene
Concen: 10.368 ug/l
RT: 14.989 min Scan# 2160
Delta R.T. -0.018 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion:180 Resp: 37
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.8#
145 0.0 14.2 42.6#





#95

Naphthalene

Concen: 2.708 ug/l

RT: 15.422 min Scan# 2198

Delta R.T. 0.189 min

Lab File: VY018359.D

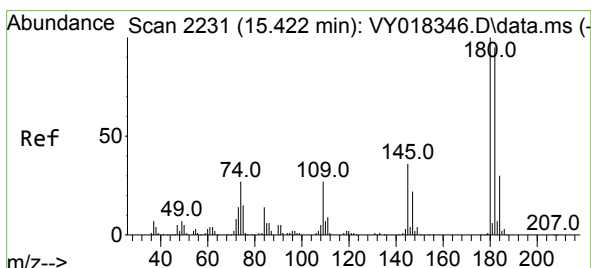
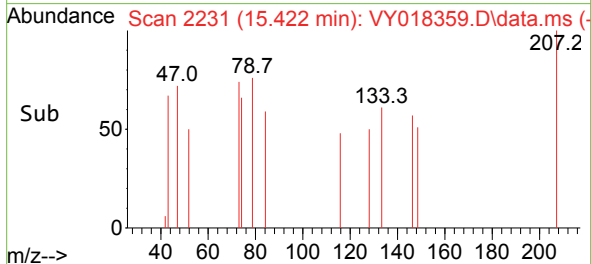
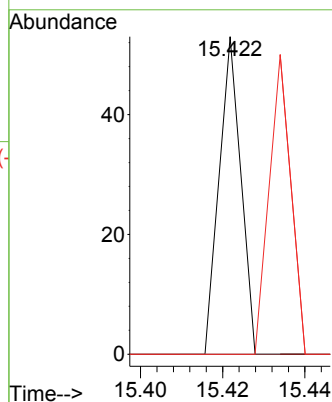
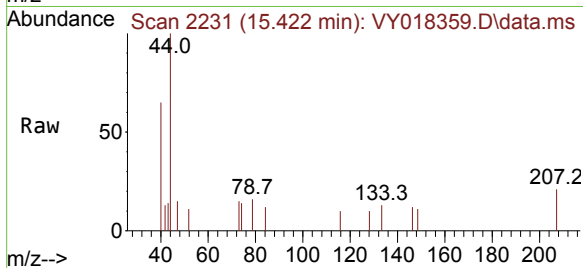
Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	19
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.6 16.0#
129	94.7	8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 10.217 ug/l

RT: 15.221 min Scan# 2198

Delta R.T. -0.201 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Tgt Ion:180	Resp:	31
Ion	Ratio	Lower Upper
180	100	
182	0.0	47.6 142.9#
145	0.0	15.4 46.1#

