

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018383.D
 Acq On : 28 May 2024 16:25
 Operator : SY/MD
 Sample : P2612-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 29 01:20:33 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	7.777	168	1905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2030	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	998	55.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.600%
35) Dibromofluoromethane	7.698	113	537	27.670	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.340%
50) Toluene-d8	10.179	98	3806	50.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.483	95	447	19.119	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	41	2.522	ug/l #	43
3) Chloromethane	2.113	50	188	7.115	ug/l #	43
4) Vinyl Chloride	2.229	62	44	1.488	ug/l #	1
5) Bromomethane	2.662	94	209	9.889	ug/l #	40
6) Chloroethane	2.802	64	38	1.980	ug/l #	42
8) Diethyl Ether	3.473	74	56	5.287	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.070	101	47	2.297	ug/l #	43
10) Methyl Iodide	4.101	142	155	7.531	ug/l #	90
11) Tert butyl alcohol	4.924	59	34	Below Cal	#	88
13) Acrolein	3.710	56	35	8.984	ug/l #	15
14) Allyl chloride	4.479	41	139	4.938	ug/l #	70
15) Acrylonitrile	5.143	53	105	22.918	ug/l #	67
16) Acetone	3.936	43	124	33.404	ug/l #	36
18) Methyl Acetate	4.448	43	161	16.363	ug/l	90
20) Methylene Chloride	4.686	84	251	7.643	ug/l #	51
23) Vinyl Acetate	6.015	43	82	2.189	ug/l #	67
25) 2-Butanone	6.966	43	104	17.679	ug/l #	41
26) 2,2-Dichloropropane	6.862	77	71	2.289	ug/l #	51
28) Bromochloromethane	7.362	49	88	7.222	ug/l #	6
29) Tetrahydrofuran	7.320	42	68	17.562	ug/l #	26
30) Chloroform	7.362	83	123	3.364	ug/l #	17
36) 1,1-Dichloropropene	7.777	75	84	2.985	ug/l #	40
37) Ethyl Acetate	7.070	43	104	7.724	ug/l #	67
38) Carbon Tetrachloride	7.795	117	107	3.712	ug/l #	13
39) Methylcyclohexane	9.197	83	68	1.732	ug/l #	22
41) Methacrylonitrile	7.301	41	76	11.308	ug/l #	9
42) 1,2-Dichloroethane	8.228	62	178	8.625	ug/l #	71
43) Isopropyl Acetate	8.258	43	29	1.104	ug/l #	48
45) 1,2-Dichloropropane	9.234	63	42	2.177	ug/l #	43
46) Dibromomethane	9.386	93	44	3.886	ug/l #	29
47) Bromodichloromethane	9.447	83	42	1.528	ug/l #	26
48) Methyl methacrylate	9.301	41	22	1.851	ug/l #	1
51) 4-Methyl-2-Pentanone	10.234	43	109	8.222	ug/l	87
53) t-1,3-Dichloropropene	10.490	75	27	1.075	ug/l #	45
54) cis-1,3-Dichloropropene	9.917	75	45	1.462	ug/l #	40
55) 1,1,2-Trichloroethane	10.593	97	20	1.333	ug/l #	16

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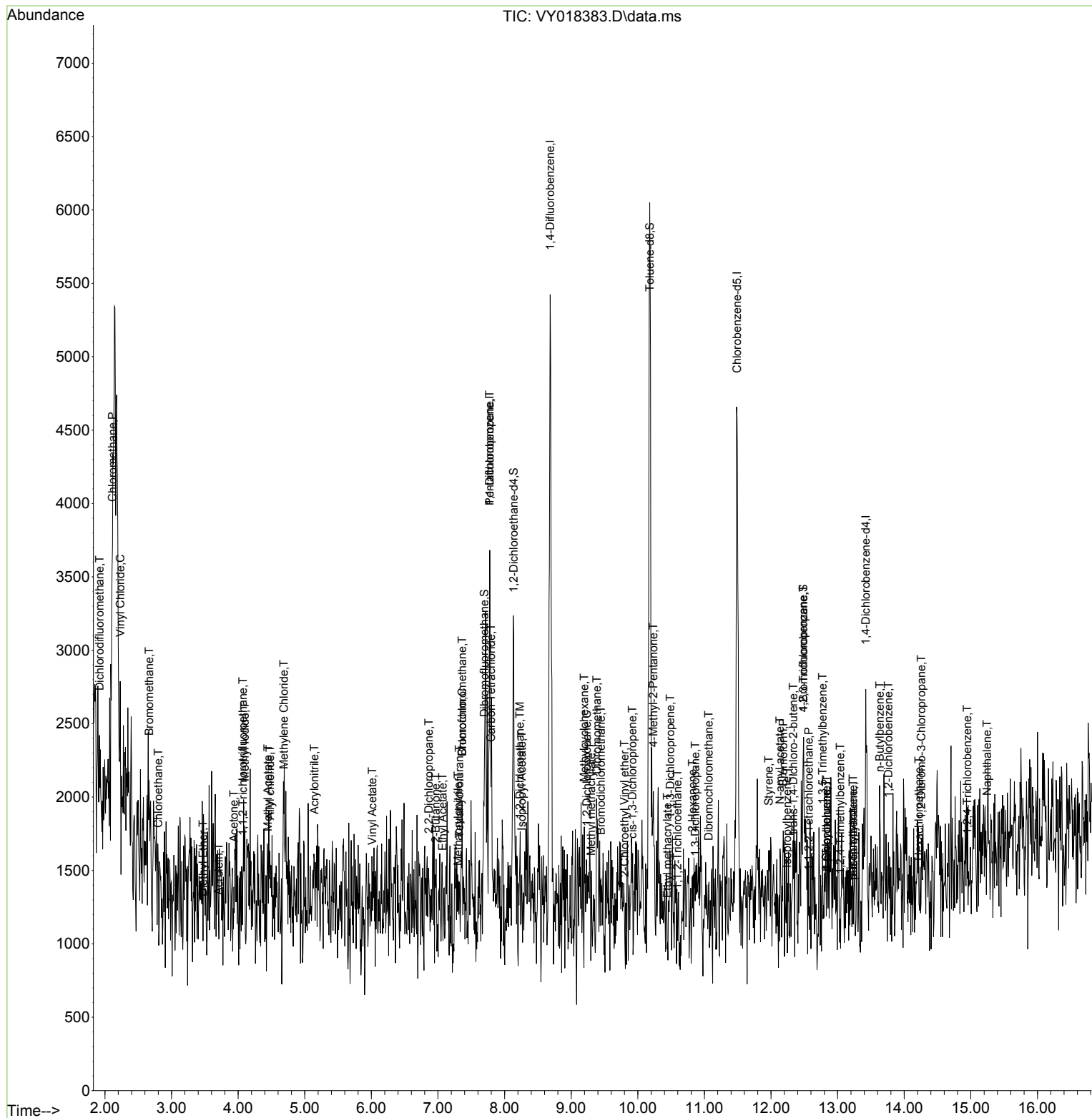
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	10.447	69	22	1.069	ug/l #	1
57) 1,3-Dichloropropane	10.862	76	27	1.062	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.801	63	146	15.703	ug/l #	45
59) 2-Hexanone	10.819	43	165	18.087	ug/l #	19
60) Dibromochloromethane	11.063	129	28	1.545	ug/l	88
70) Styrene	11.965	104	64	1.448	ug/l #	55
71) Bromoform	12.185	173	22	3.135	ug/l #	27
73) Isopropylbenzene	12.239	105	25	1.325	ug/l #	48
74) N-amyl acetate	12.136	43	107	24.313	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.569	83	19	5.911	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	252	116.825	ug/l #	100
78) n-propylbenzene	12.831	91	24	1.063	ug/l #	1
79) 2-Chlorotoluene	12.831	91	24	1.963	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.776	105	21	1.417	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.337	75	31	29.569	ug/l #	16
82) 4-Chlorotoluene	12.831	91	24	1.936	ug/l #	39
83) tert-Butylbenzene	13.233	119	68	4.963	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.038	105	20	1.372	ug/l #	30
86) p-Isopropyltoluene	13.233	119	68	4.102	ug/l #	51
89) n-Butylbenzene	13.636	91	21	1.348	ug/l #	33
90) Hexachloroethane	14.221	117	22	7.187	ug/l #	12
91) 1,2-Dichlorobenzene	13.764	146	24	3.400	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.257	75	66	149.710	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.946	180	24	5.969	ug/l #	12
95) Naphthalene	15.245	128	86	10.876	ug/l #	73

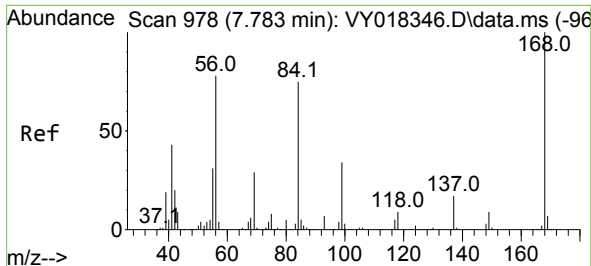
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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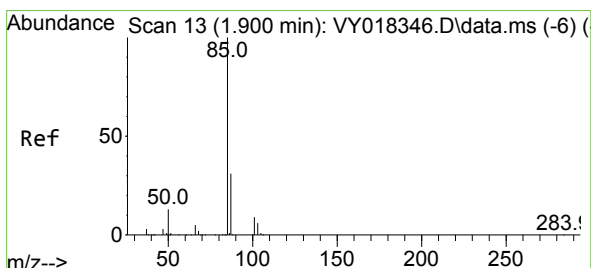
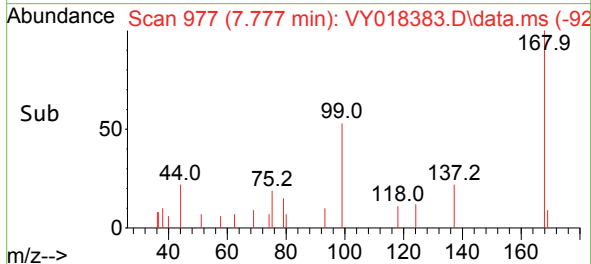
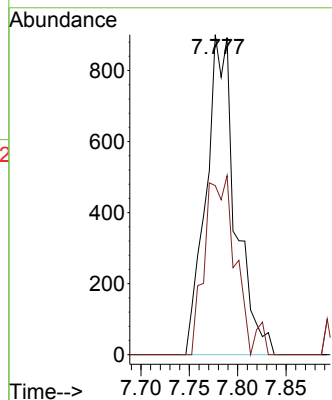
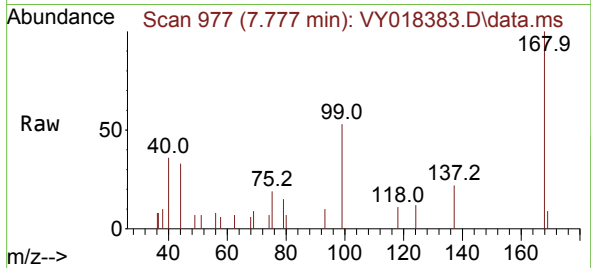




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018383.D
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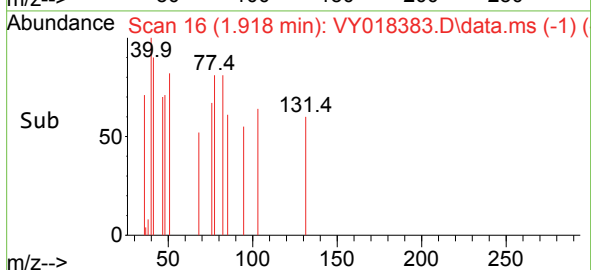
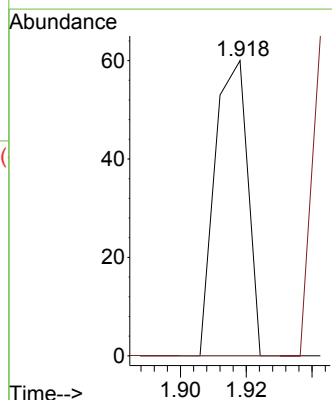
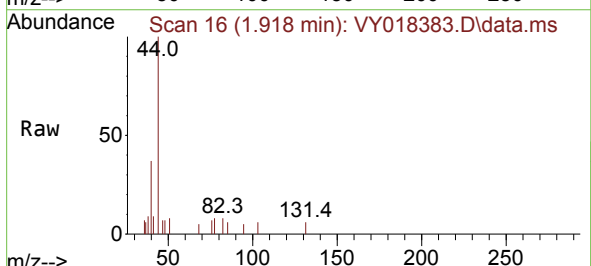
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MSVOA_Y
ClientSampleId :

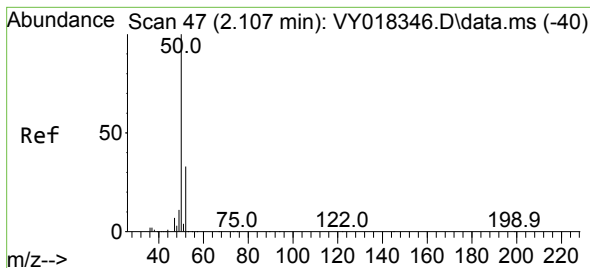
Tgt Ion:168 Resp: 1905
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.522 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.018 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 85 Resp: 41
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#3

Chloromethane

Concen: 7.115 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

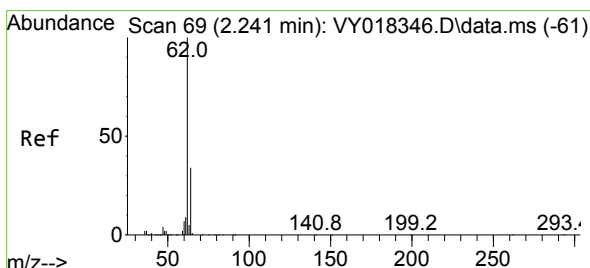
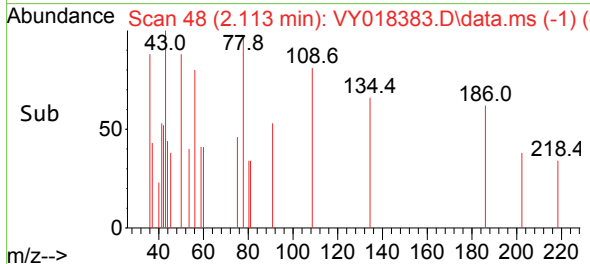
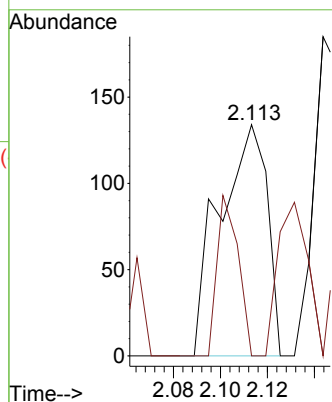
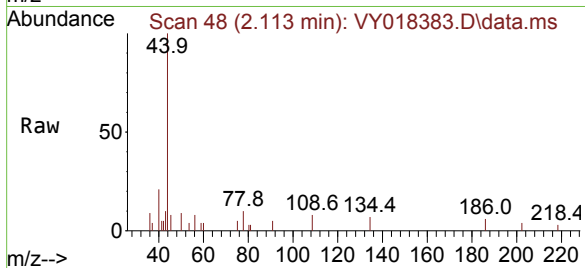
ClientSampleId :

Tgt Ion: 50 Resp: 188

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#



#4

Vinyl Chloride

Concen: 1.488 ug/l

RT: 2.229 min Scan# 67

Delta R.T. -0.012 min

Lab File: VY018383.D

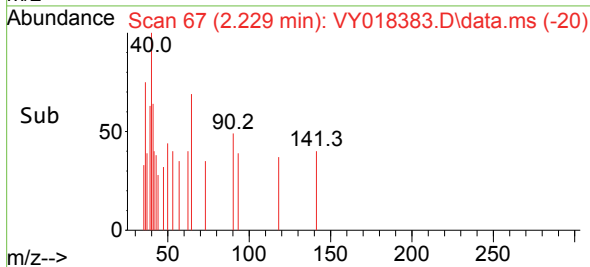
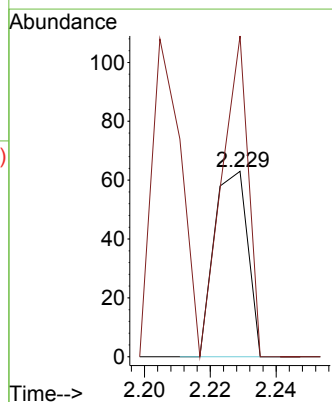
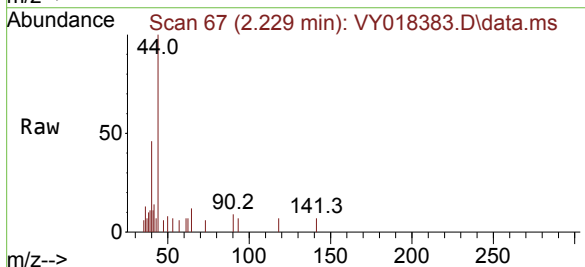
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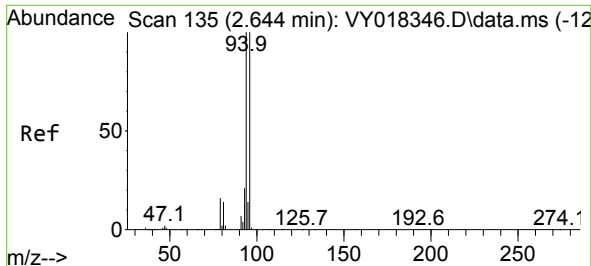
Tgt Ion: 62 Resp: 44

Ion Ratio Lower Upper

62 100

64 173.0 26.1 39.1#

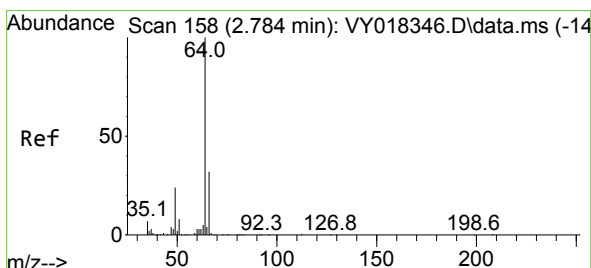
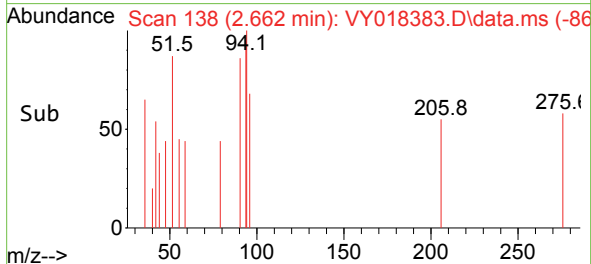
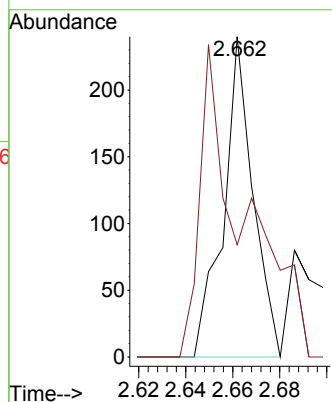
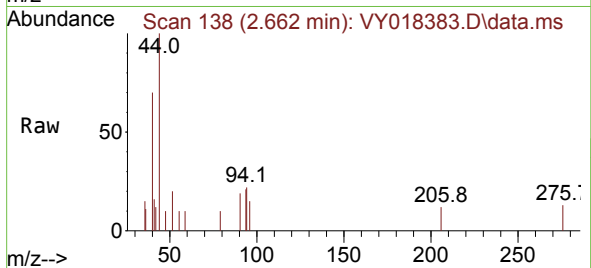




#5
Bromomethane
Concen: 9.889 ug/l
RT: 2.662 min Scan# 111
Delta R.T. 0.018 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

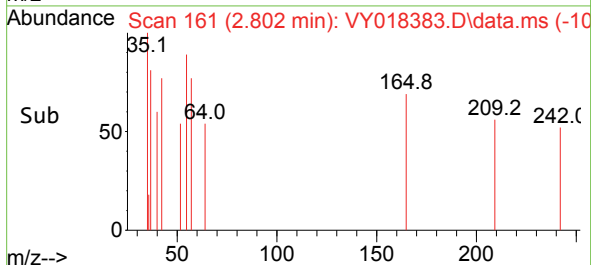
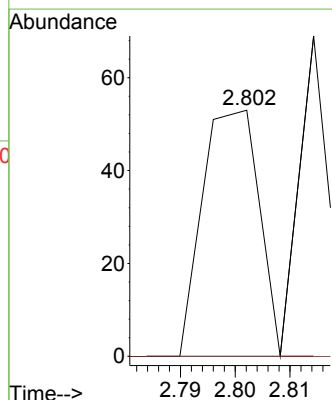
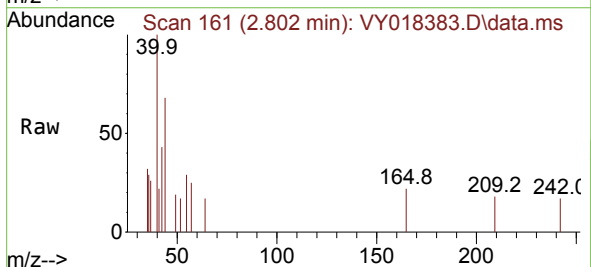
Instrument :
MSVOA_Y
ClientSampleId :

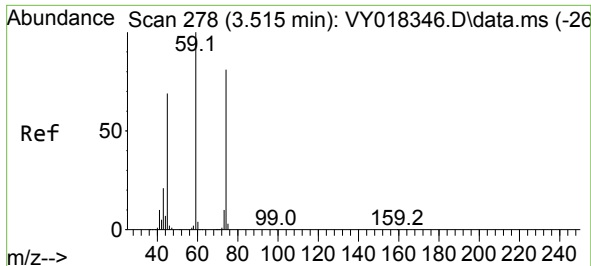
Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 35.0 74.1 111.1#



#6
Chloroethane
Concen: 1.980 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.018 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

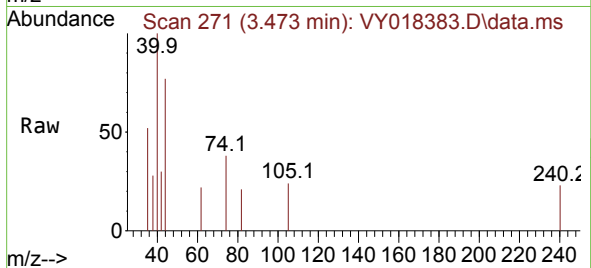
Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



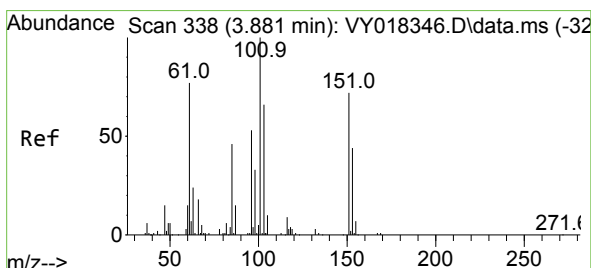
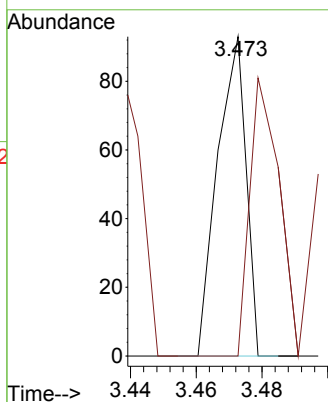
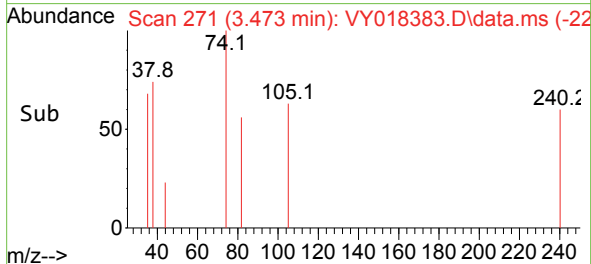


#8
Diethyl Ether
Concen: 5.287 ug/l
RT: 3.473 min Scan# 21
Delta R.T. -0.043 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

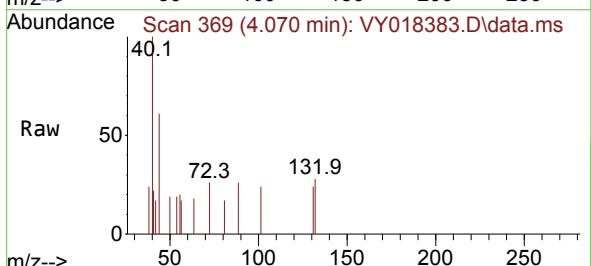
Instrument :
MSVOA_Y
ClientSampleId :



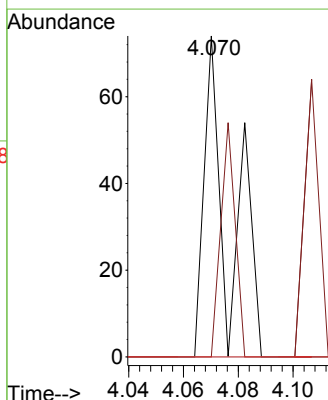
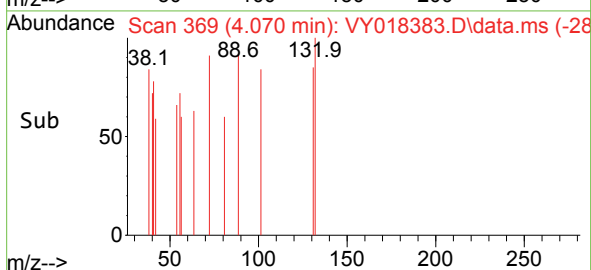
Tgt Ion: 74 Resp: 56
Ion Ratio Lower Upper
74 100
45 89.3 41.3 124.1

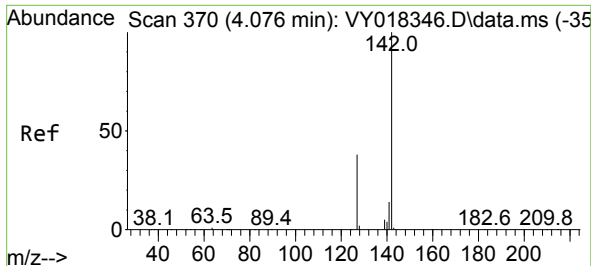


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.297 ug/l
RT: 4.070 min Scan# 369
Delta R.T. 0.189 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25



Tgt Ion: 101 Resp: 47
Ion Ratio Lower Upper
101 100
85 42.6 34.5 51.7
151 0.0 61.7 92.5#

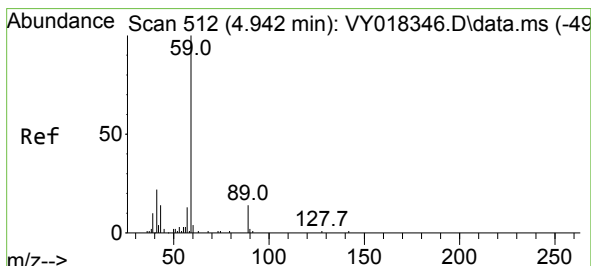
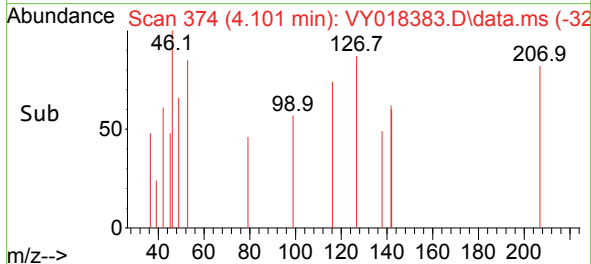
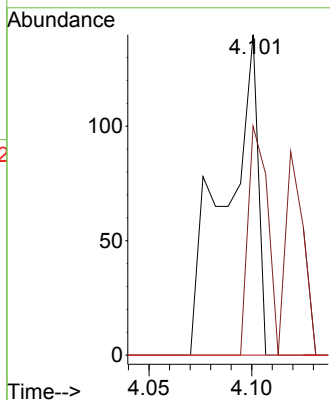
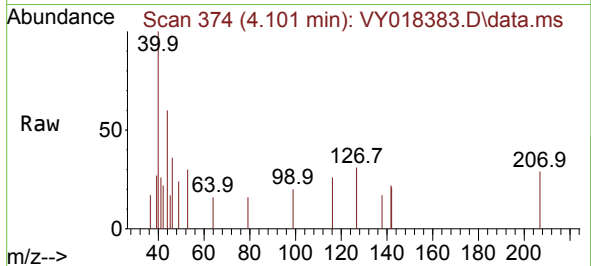




#10
Methyl Iodide
Concen: 7.531 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

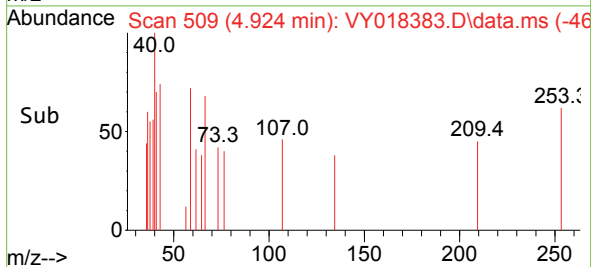
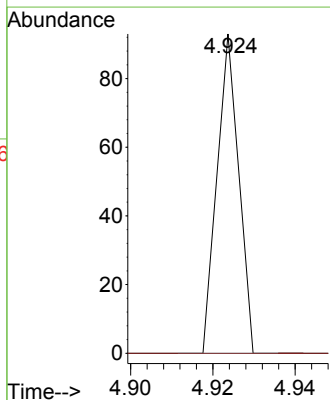
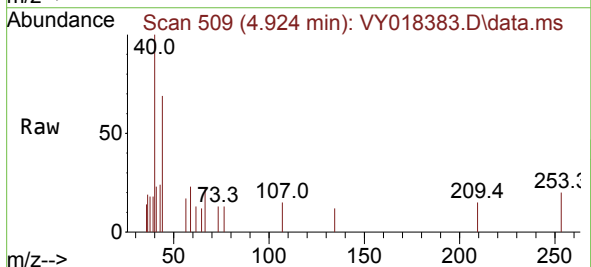
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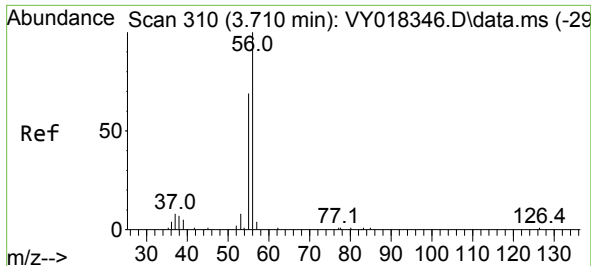
Tgt Ion:142 Resp: 155
Ion Ratio Lower Upper
142 100
127 41.9 32.8 49.2
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
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Tgt Ion: 59 Resp: 34
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

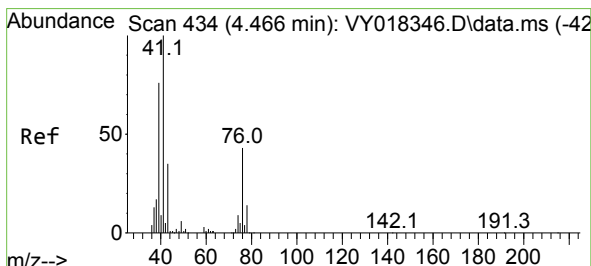
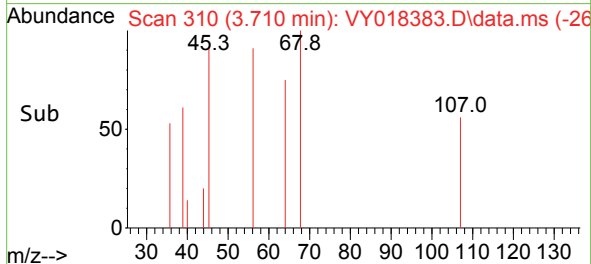
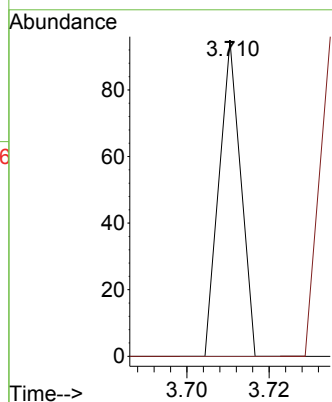
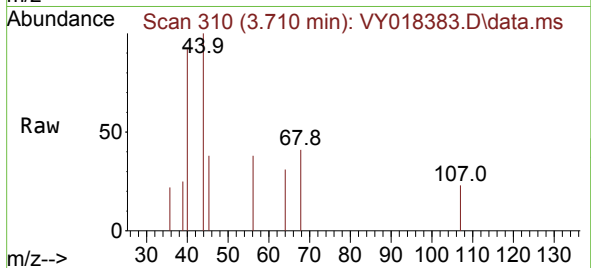




#13
Acrolein
Concen: 8.984 ug/l
RT: 3.710 min Scan# 310
Delta R.T. 0.000 min
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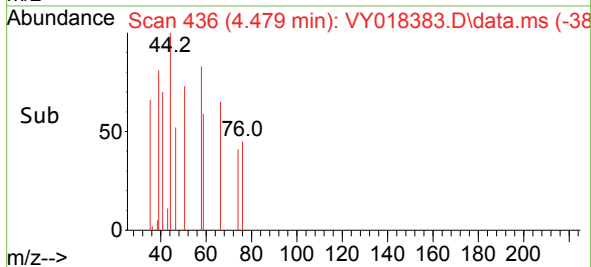
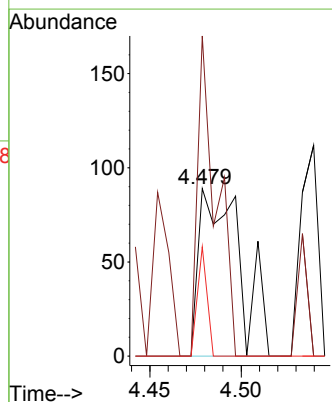
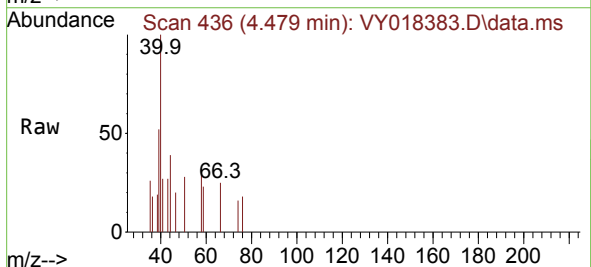
Instrument :
MSVOA_Y
ClientSampleId :

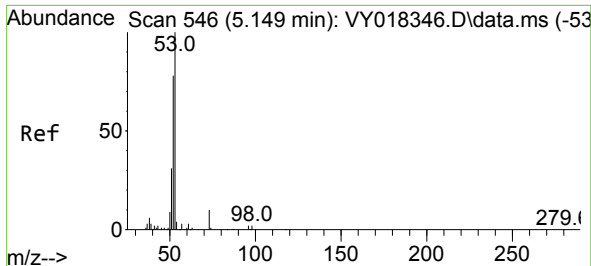
Tgt Ion: 56 Resp: 35
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#14
Allyl chloride
Concen: 4.938 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

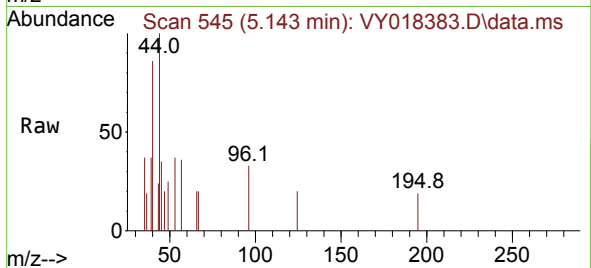
Tgt Ion: 41 Resp: 139
Ion Ratio Lower Upper
41 100
39 87.8 58.3 87.5#
76 15.1 39.0 58.6#



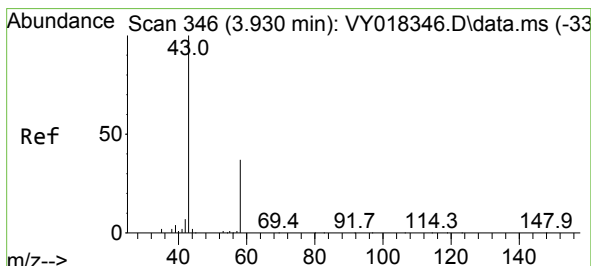
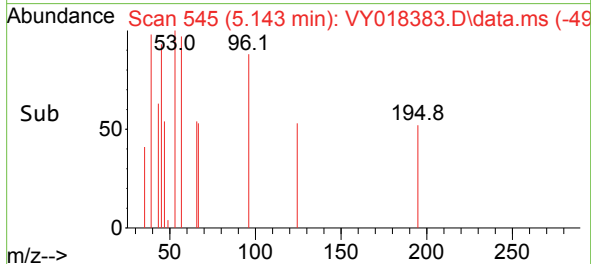
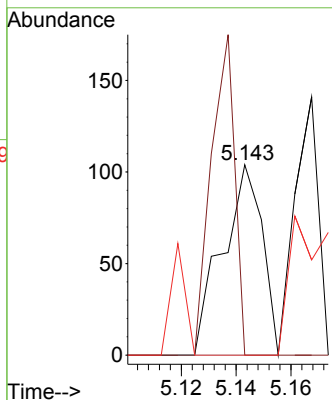


#15
Acrylonitrile
Concen: 22.918 ug/l
RT: 5.143 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

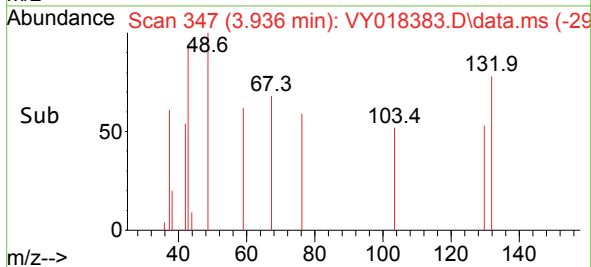
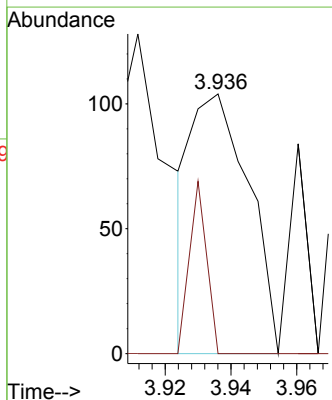
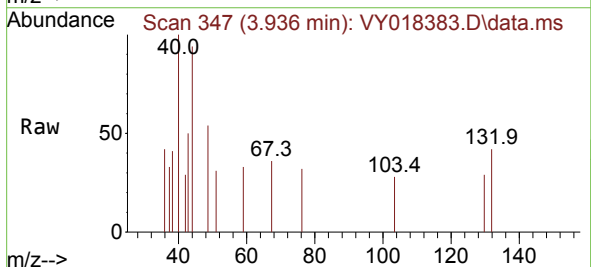


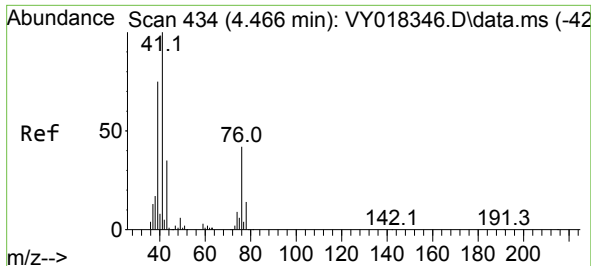
Tgt Ion: 53 Resp: 105
Ion Ratio Lower Upper
53 100
52 99.0 64.7 97.1#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 33.404 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

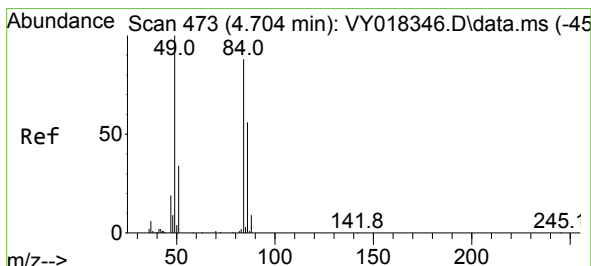
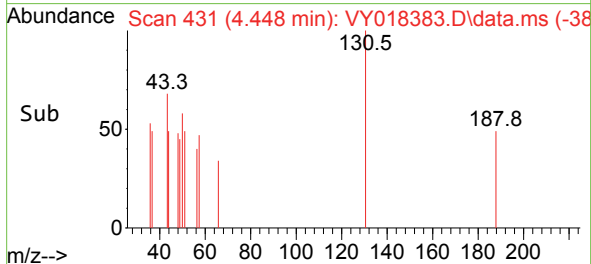
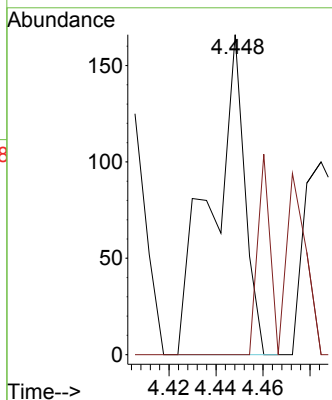
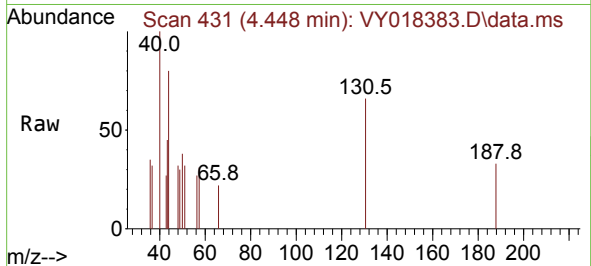




#18
Methyl Acetate
Concen: 16.363 ug/l
RT: 4.448 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

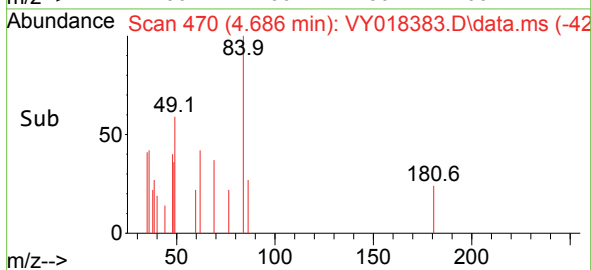
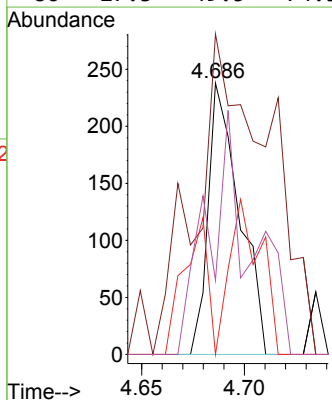
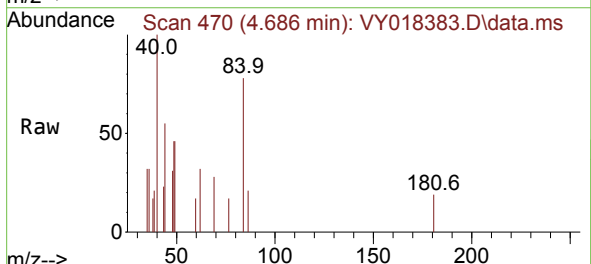
Instrument :
MSVOA_Y
ClientSampleId :

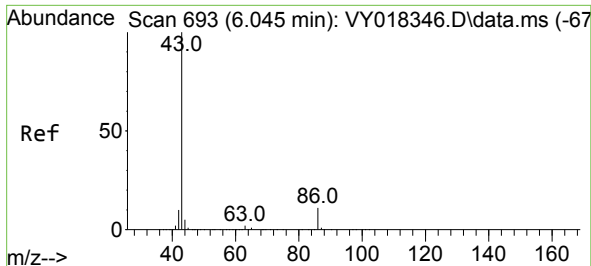
Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
74 23.6 23.3 34.9



#20
Methylene Chloride
Concen: 7.643 ug/l
RT: 4.686 min Scan# 470
Delta R.T. -0.018 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 84 Resp: 251
Ion Ratio Lower Upper
84 100
49 55.0 84.4 126.6#
51 0.0 26.0 39.0#
86 27.3 49.5 74.3#

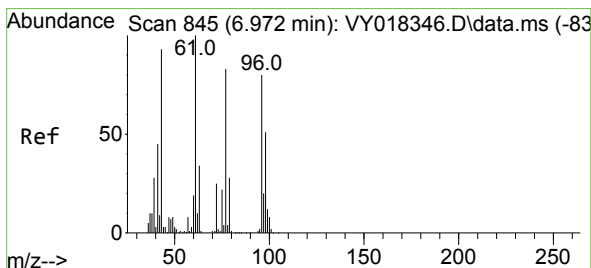
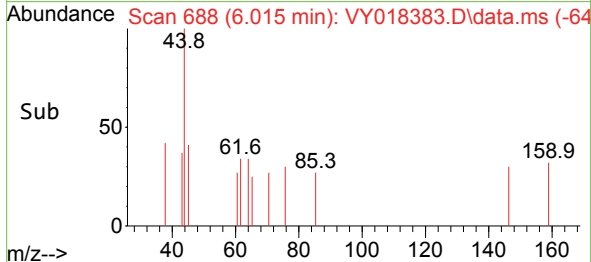
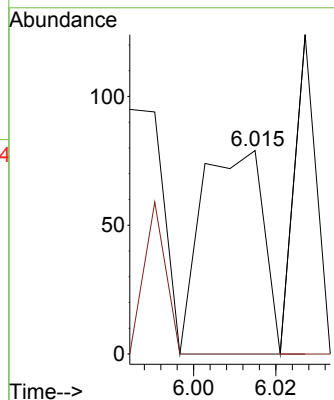
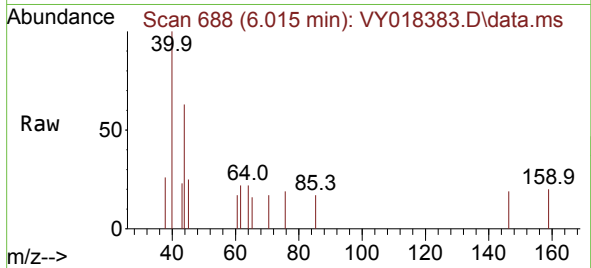




#23
Vinyl Acetate
Concen: 2.189 ug/l
RT: 6.015 min Scan# 61
Delta R.T. -0.030 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

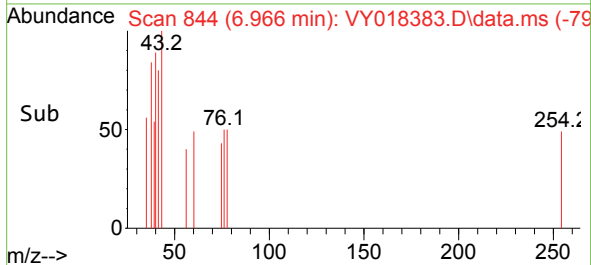
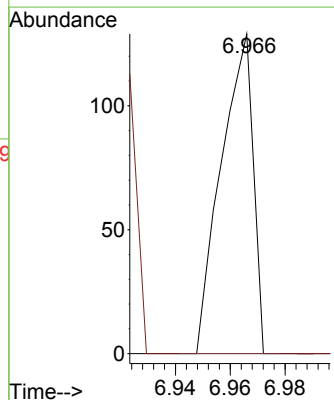
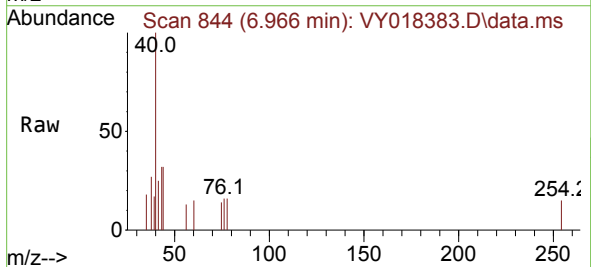
Instrument :
MSVOA_Y
ClientSampleId :

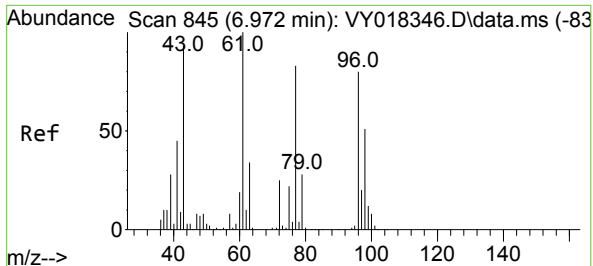
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#



#25
2-Butanone
Concen: 17.679 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#26

2,2-Dichloropropane

Concen: 2.289 ug/l

RT: 6.862 min Scan# 81

Delta R.T. -0.110 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

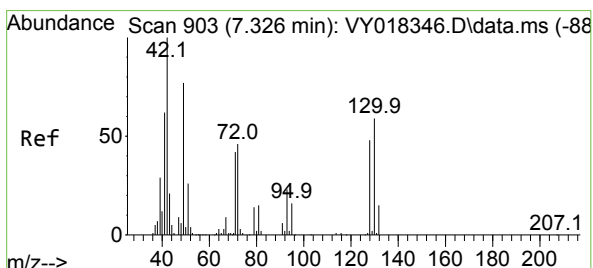
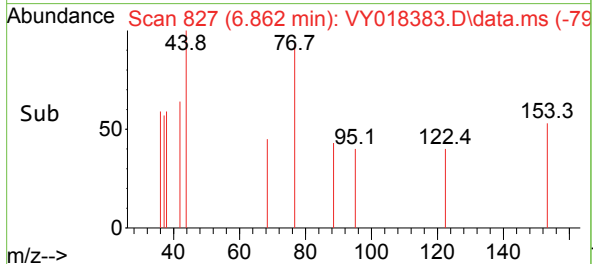
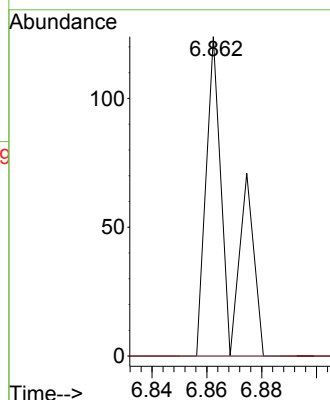
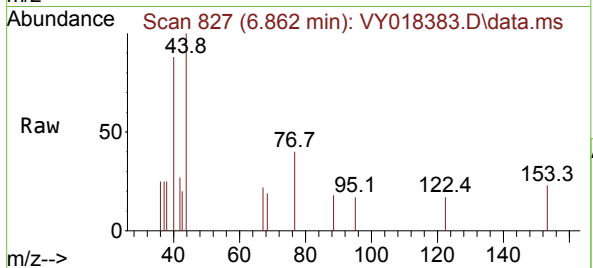
ClientSampleId :

Tgt Ion: 77 Resp: 71

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#28

Bromochloromethane

Concen: 7.222 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.037 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

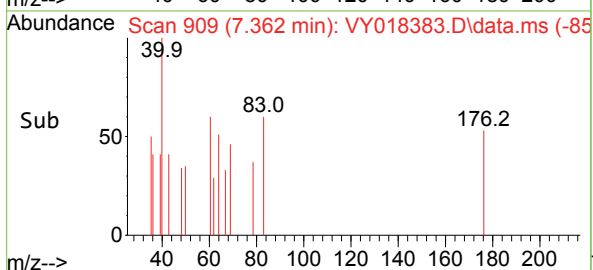
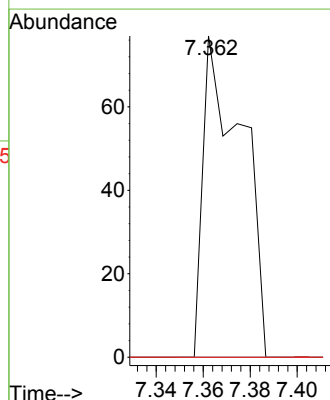
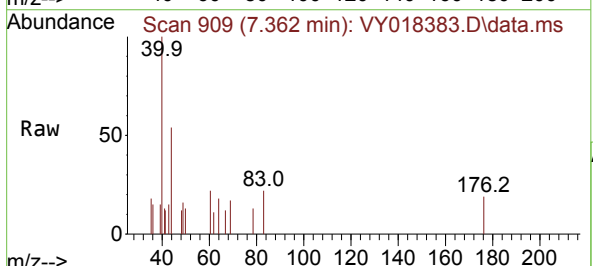
Tgt Ion: 49 Resp: 88

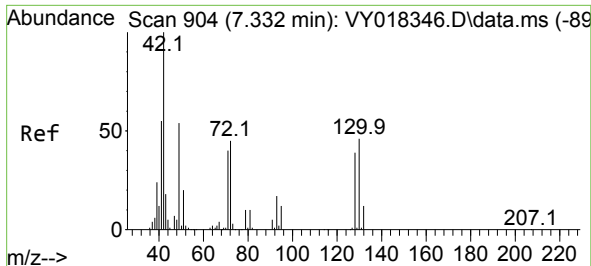
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 17.562 ug/l

RT: 7.320 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

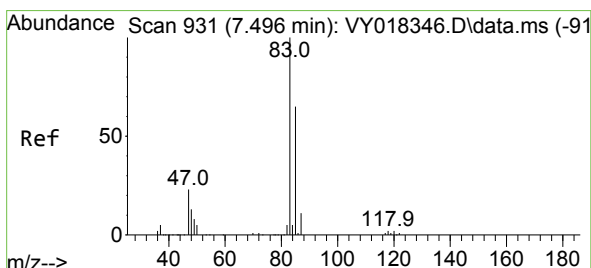
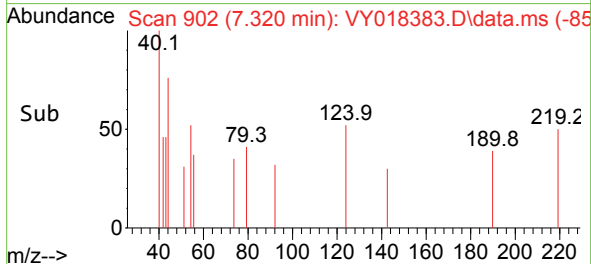
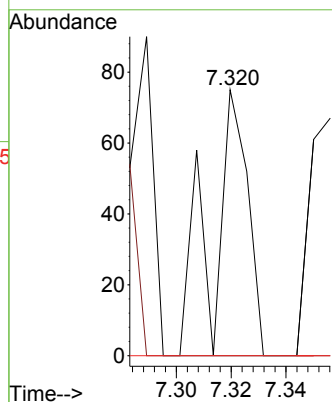
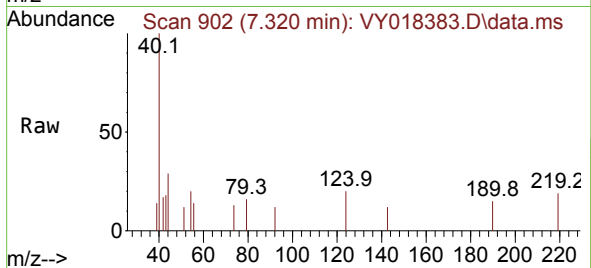
Tgt Ion: 42 Resp: 68

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#



#30

Chloroform

Concen: 3.364 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.134 min

Lab File: VY018383.D

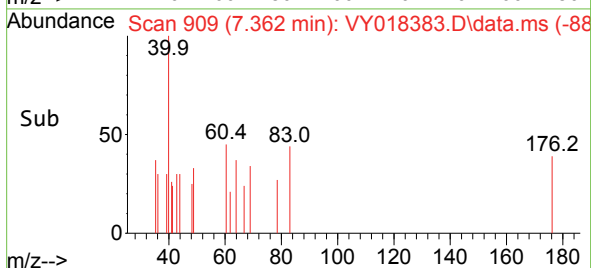
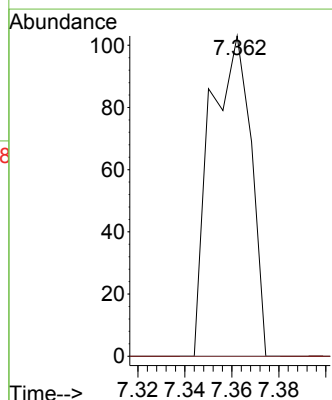
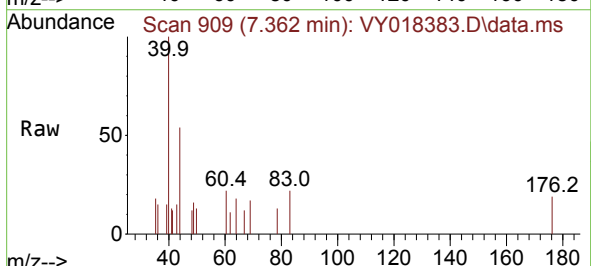
Acq: 28 May 2024 16:25

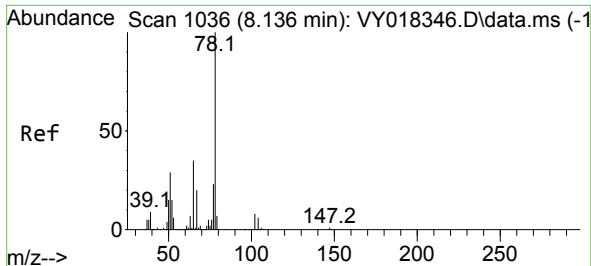
Tgt Ion: 83 Resp: 123

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.4#





#33

1,2-Dichloroethane-d4

Concen: 55.296 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

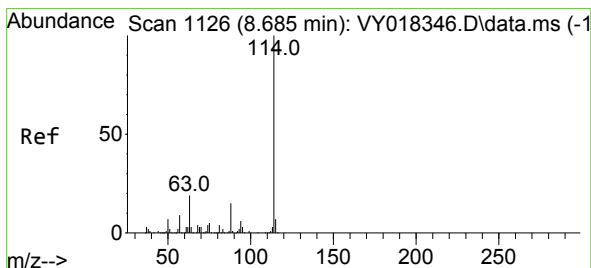
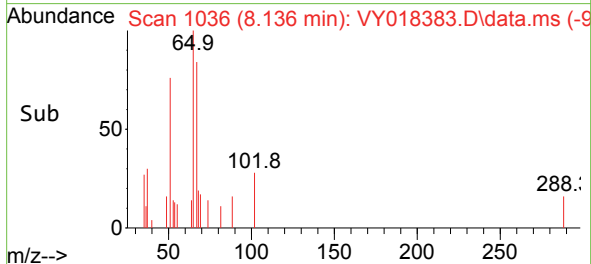
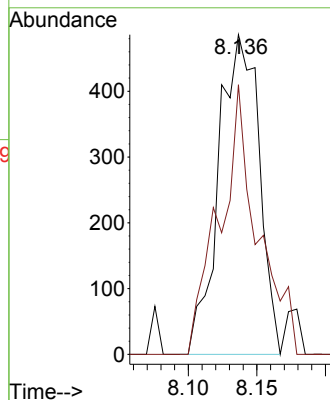
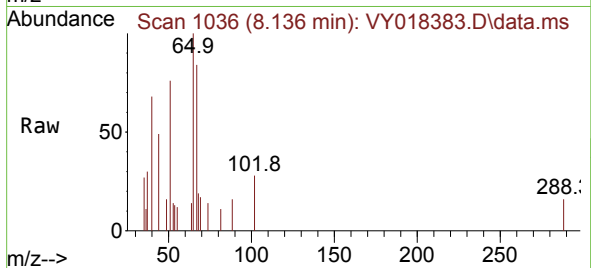
ClientSampleId :

Tgt Ion: 65 Resp: 998

Ion Ratio Lower Upper

65 100

67 79.7 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: VY018383.D

Acq: 28 May 2024 16:25

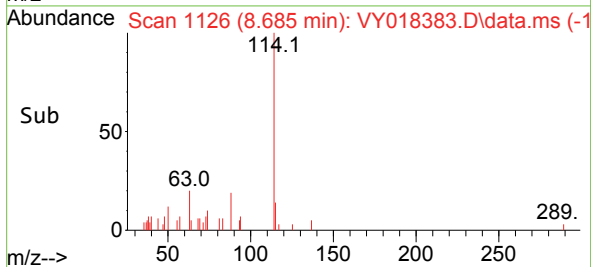
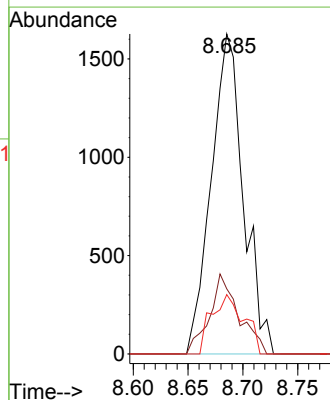
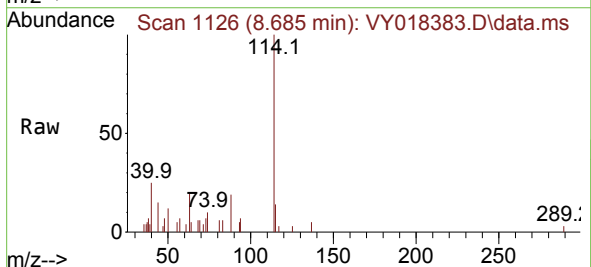
Tgt Ion: 114 Resp: 3328

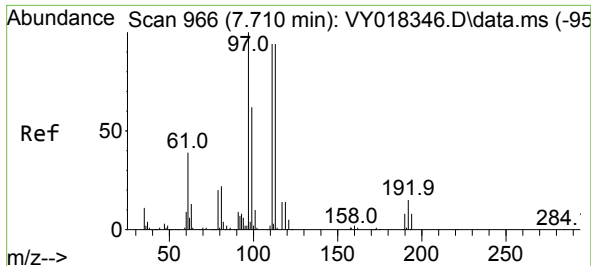
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

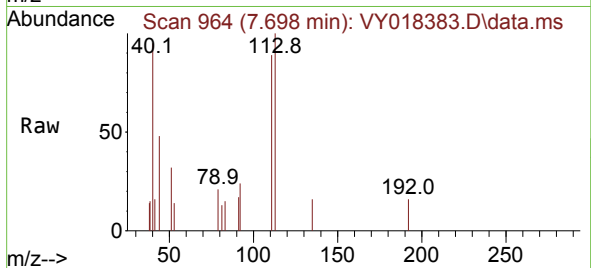
88 18.6 0.0 27.2



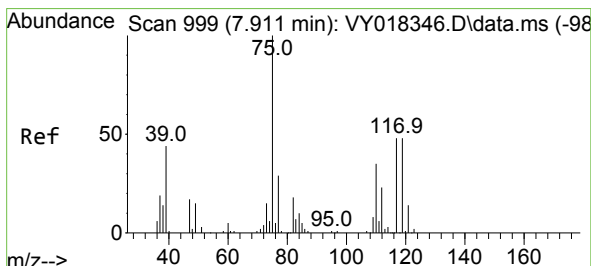
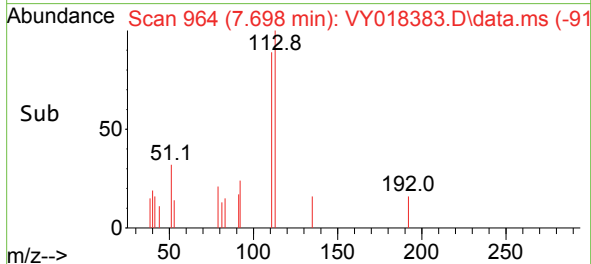
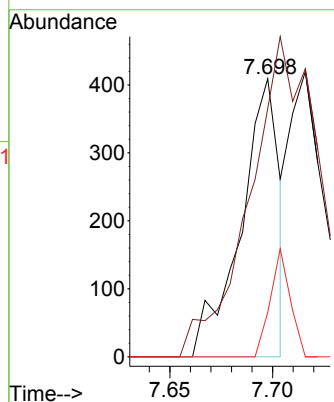


#35
Dibromofluoromethane
Concen: 27.670 ug/l
RT: 7.698 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

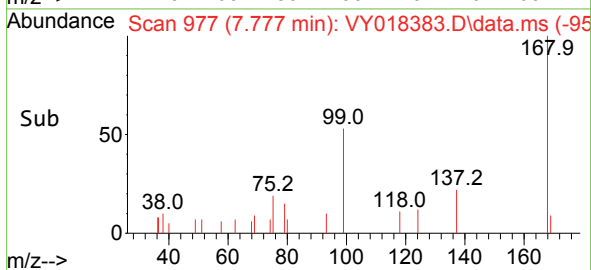
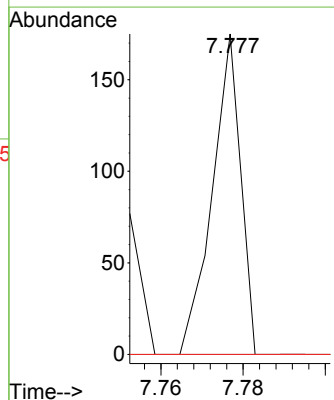
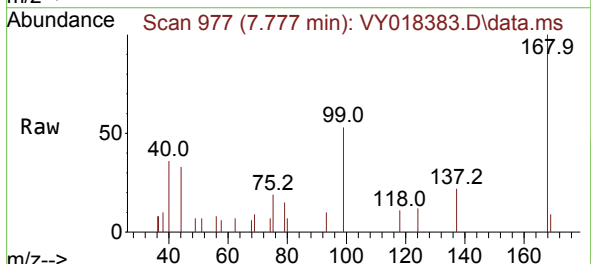


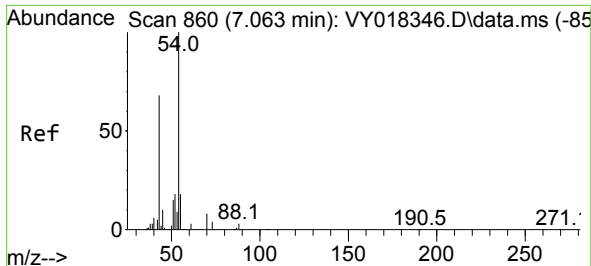
Tgt Ion:113 Resp: 537
Ion Ratio Lower Upper
113 100
111 221.0 82.2 123.4#
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.985 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

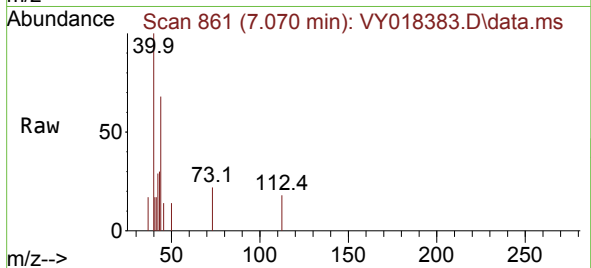
Tgt Ion: 75 Resp: 84
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



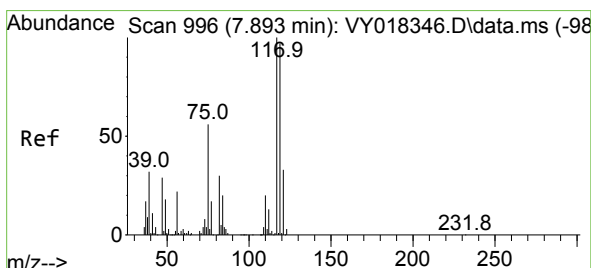
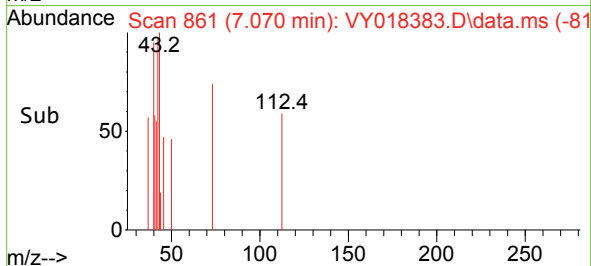
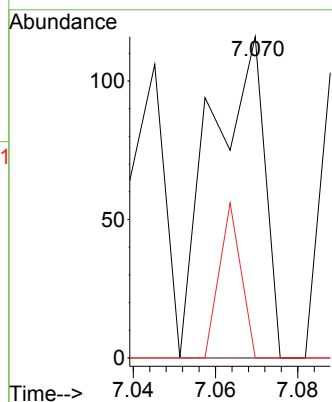


#37
Ethyl Acetate
Concen: 7.724 ug/l
RT: 7.070 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

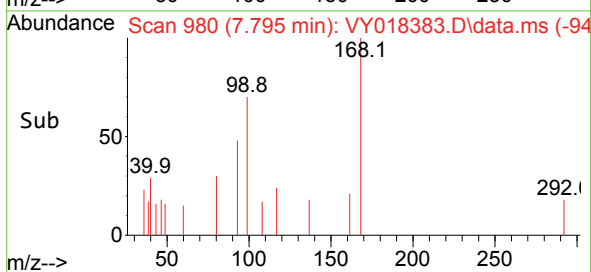
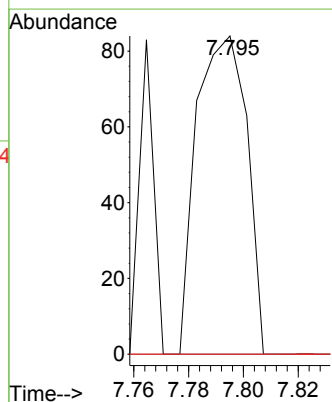
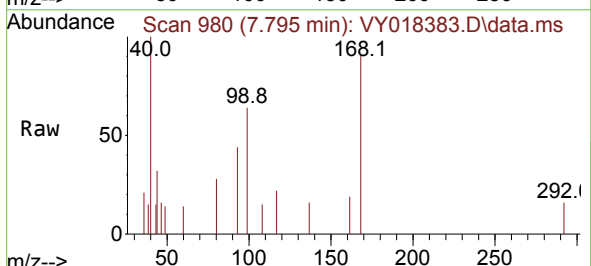


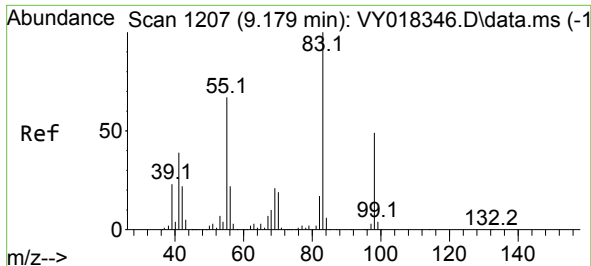
Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 19.2 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 3.712 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.097 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

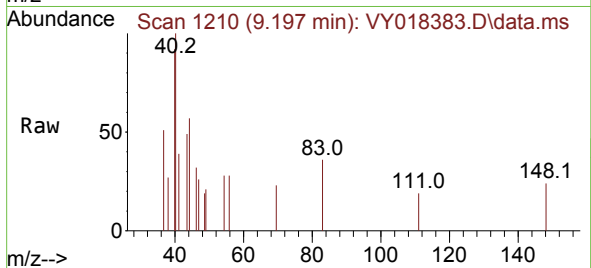
Tgt Ion: 117 Resp: 107
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



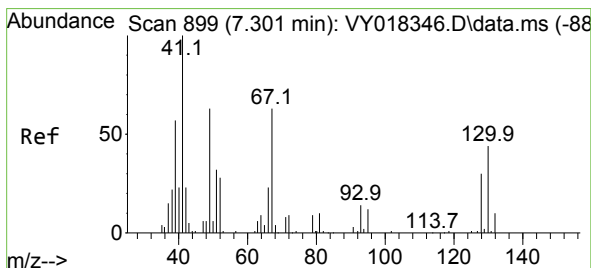
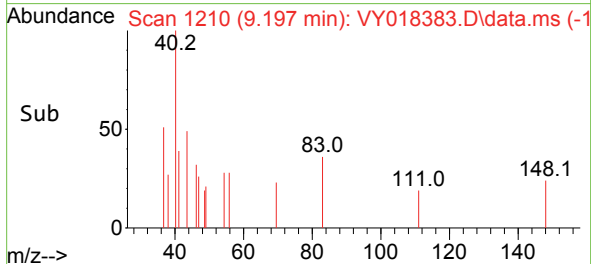
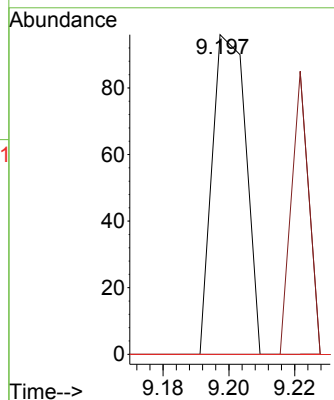


#39
Methylcyclohexane
Concen: 1.732 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

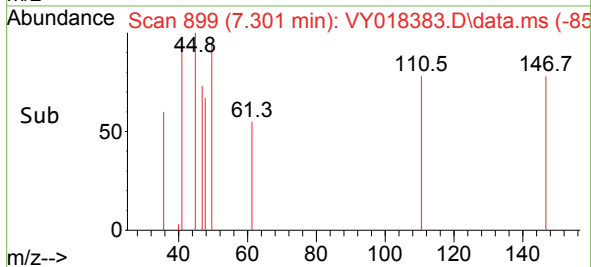
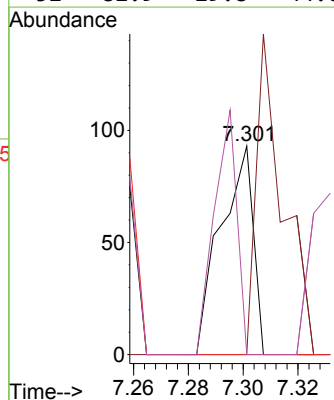
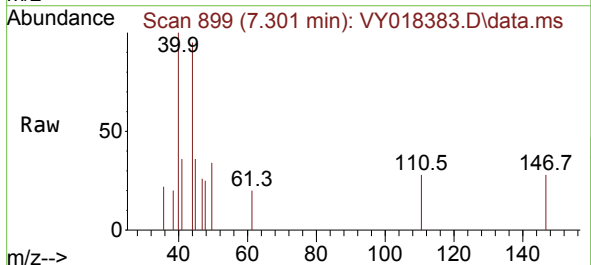


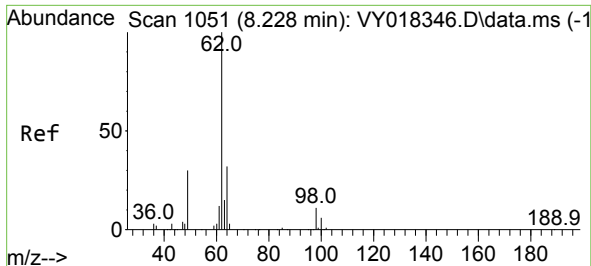
Tgt Ion: 83 Resp: 68
Ion Ratio Lower Upper
83 100
55 0.0 51.5 77.3#
98 0.0 40.5 60.7#



#41
Methacrylonitrile
Concen: 11.308 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.000 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 41 Resp: 76
Ion Ratio Lower Upper
41 100
39 127.6 48.0 72.0#
67 0.0 75.1 112.7#
52 82.9 29.8 44.6#





#42

1,2-Dichloroethane

Concen: 8.625 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. 0.000 min

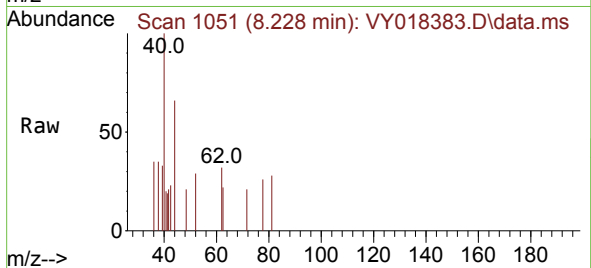
Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

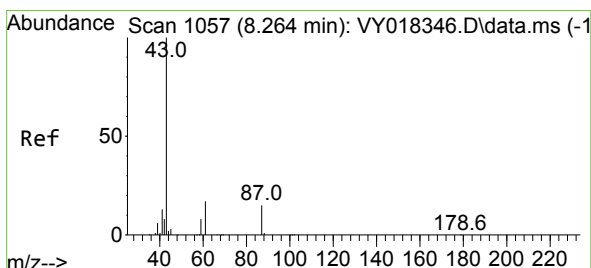
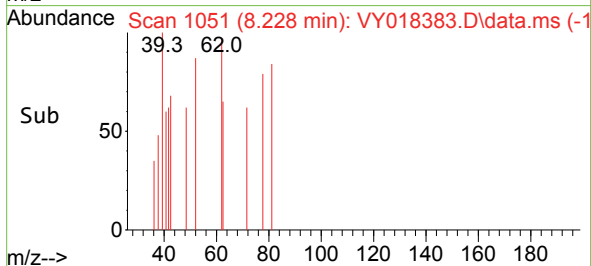
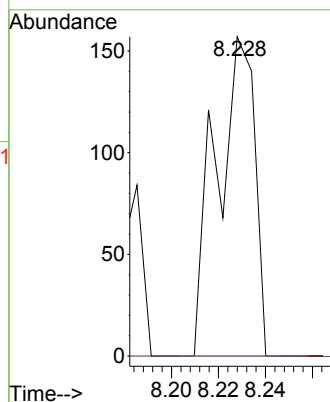


Tgt Ion: 62 Resp: 178

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



#43

Isopropyl Acetate

Concen: 1.104 ug/l

RT: 8.258 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

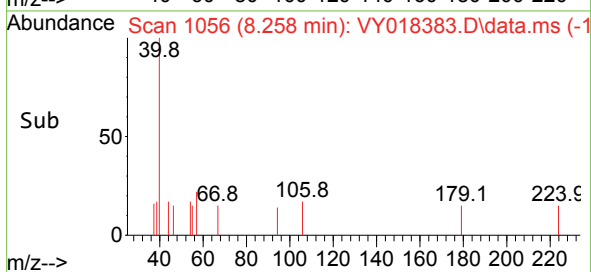
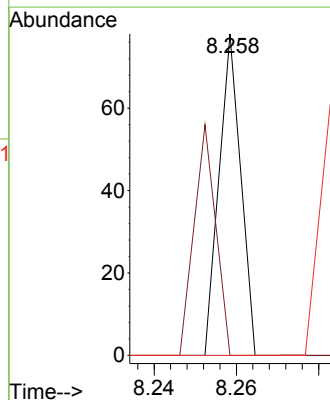
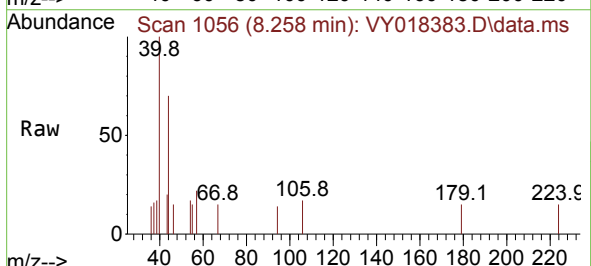
Tgt Ion: 43 Resp: 29

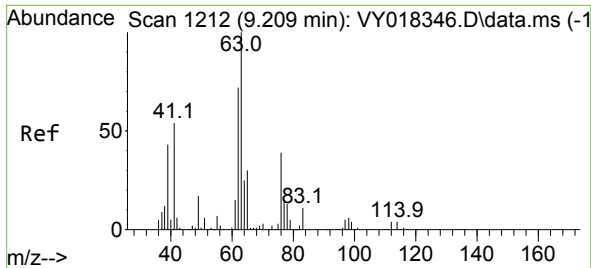
Ion Ratio Lower Upper

43 100

61 69.0 27.9 41.9#

87 0.0 13.1 19.7#





#45

1,2-Dichloropropane

Concen: 2.177 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

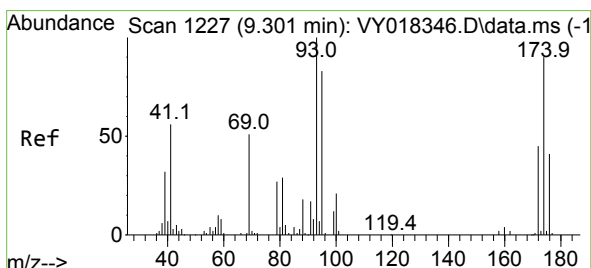
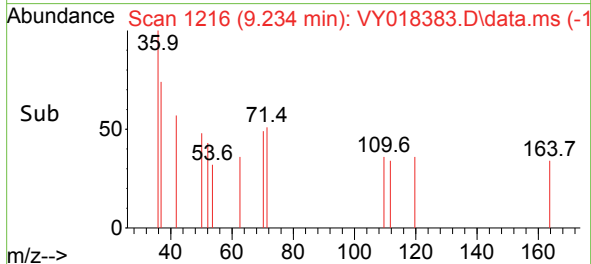
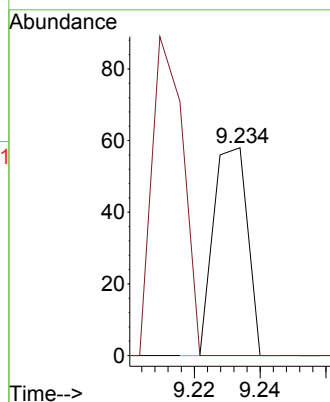
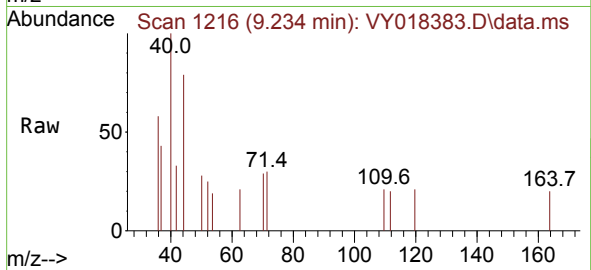
ClientSampleId :

Tgt Ion: 63 Resp: 42

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#46

Dibromomethane

Concen: 3.886 ug/l

RT: 9.386 min Scan# 1241

Delta R.T. 0.085 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

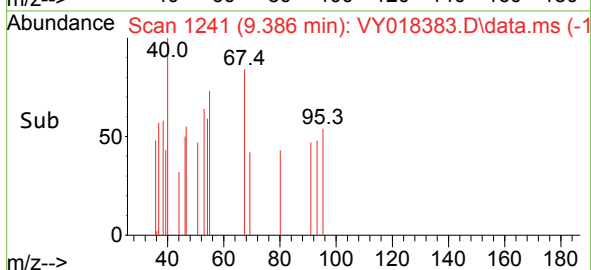
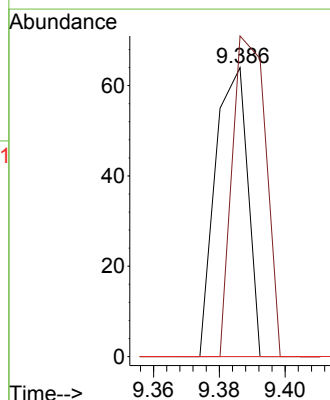
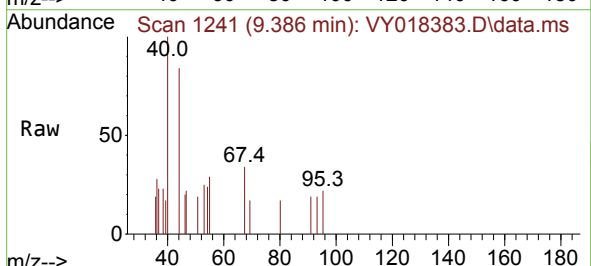
Tgt Ion: 93 Resp: 44

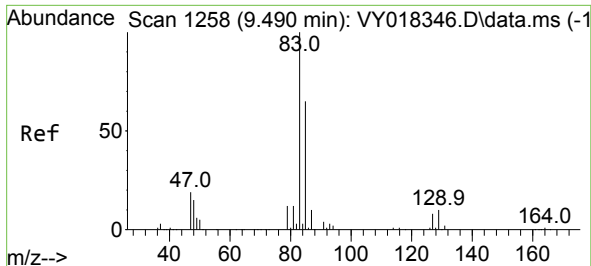
Ion Ratio Lower Upper

93 100

95 113.6 66.2 99.4#

174 0.0 80.9 121.3#

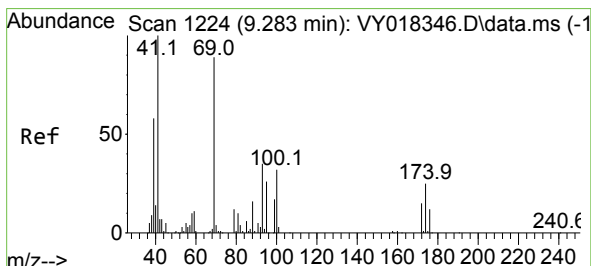
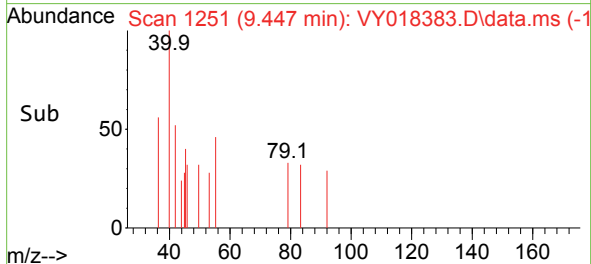
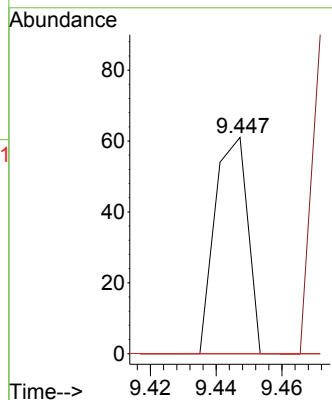
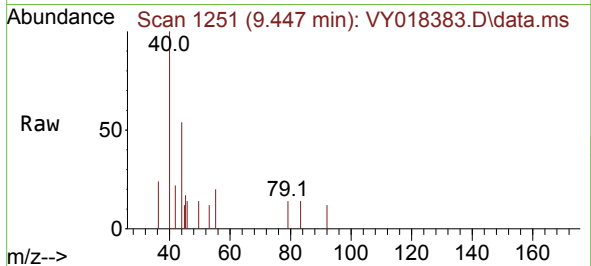




#47
Bromodichloromethane
Concen: 1.528 ug/l
RT: 9.447 min Scan# 11
Delta R.T. -0.043 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

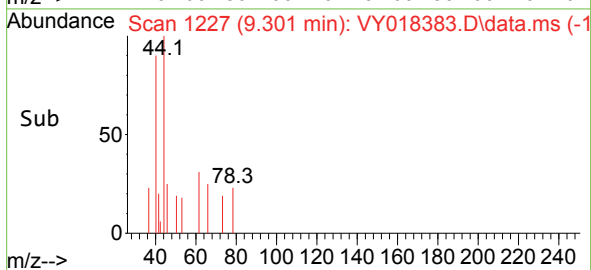
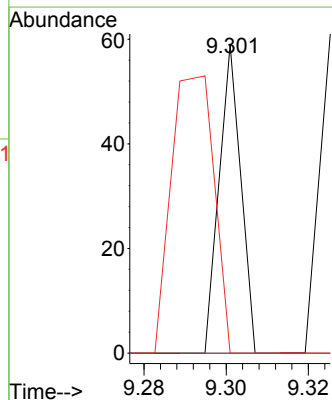
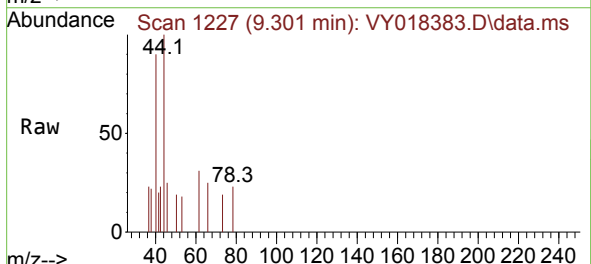
Instrument :
MSVOA_Y
ClientSampleId :

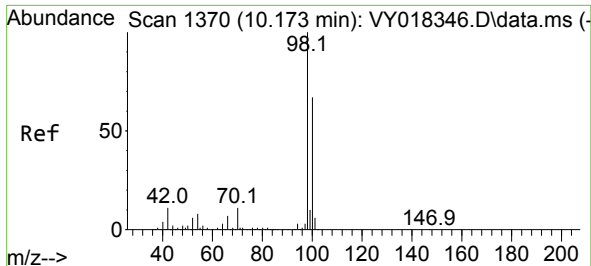
Tgt Ion: 83 Resp: 42
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 1.851 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.018 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 41 Resp: 22
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 172.7 43.6 65.4#

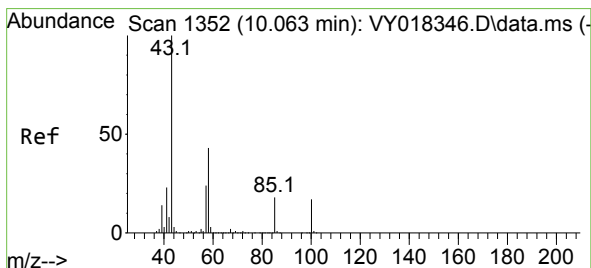
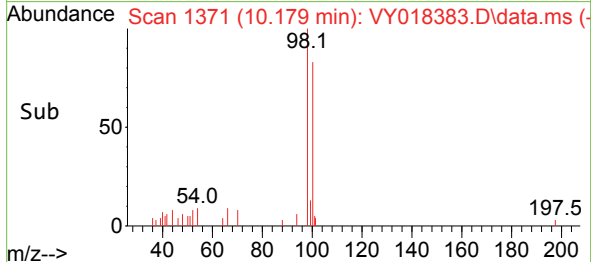
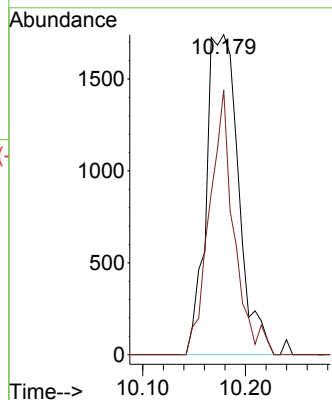
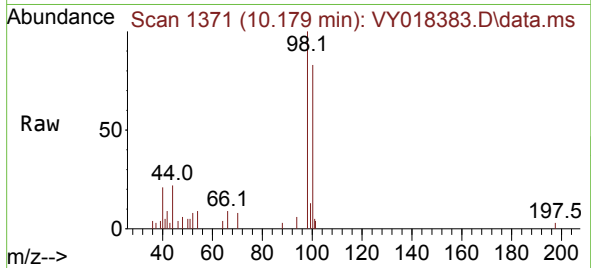




#50
Toluene-d8
Concen: 50.301 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

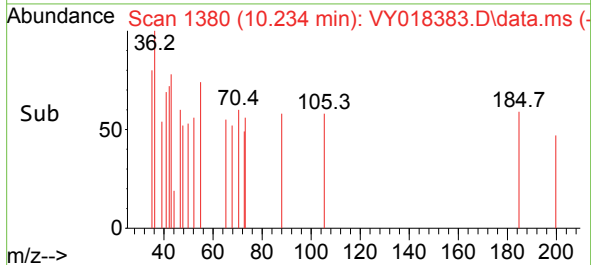
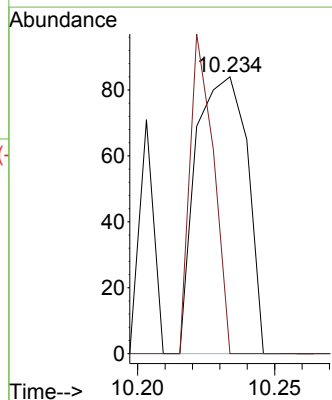
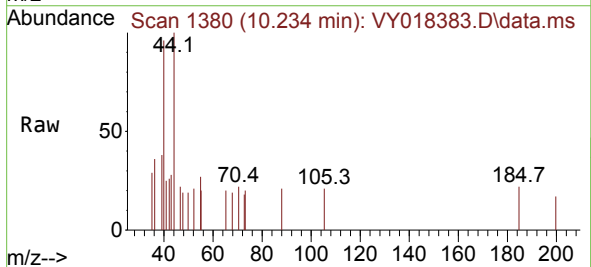
Instrument :
MSVOA_Y
ClientSampleId :

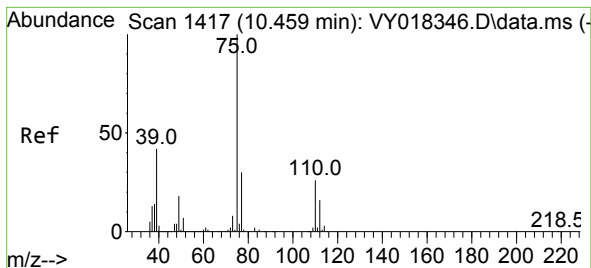
Tgt Ion: 98 Resp: 3806
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 8.222 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. 0.171 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

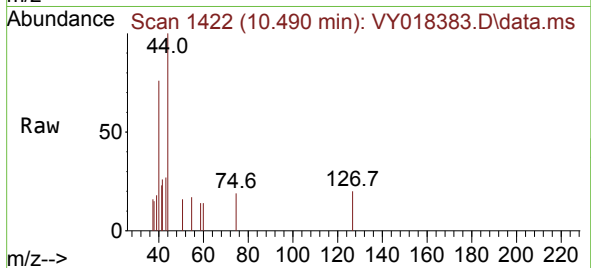
Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
58 53.2 35.7 53.5



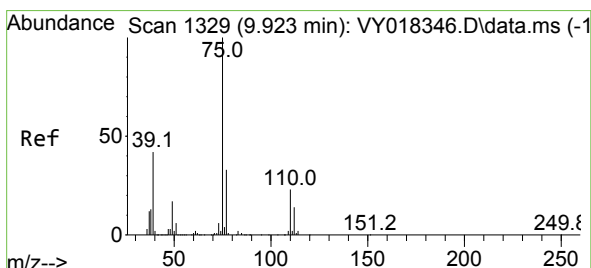
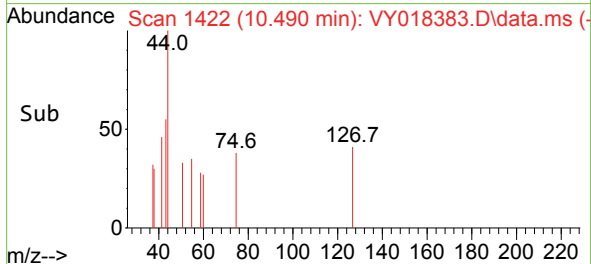
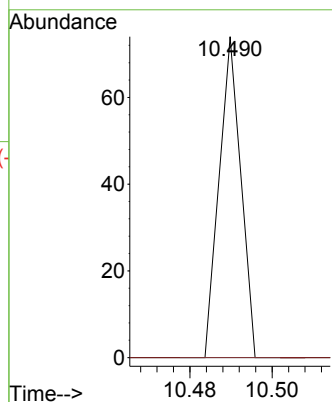


#53
 t-1,3-Dichloropropene
 Concen: 1.075 ug/l
 RT: 10.490 min Scan# 1417
 Delta R.T. 0.031 min
 Lab File: VY018383.D
 Acq: 28 May 2024 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :

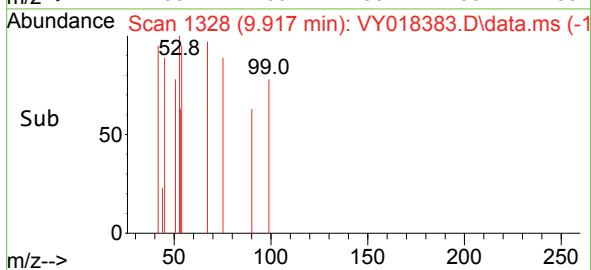
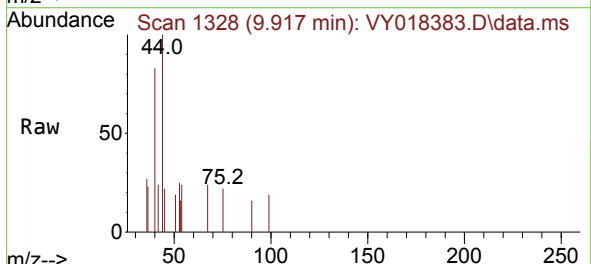
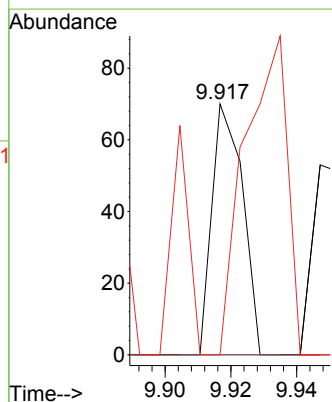


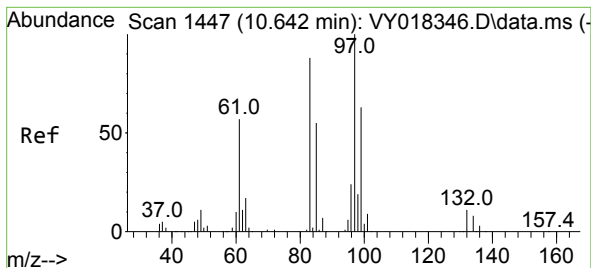
Tgt Ion: 75 Resp: 27
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.1 36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 1.462 ug/l
 RT: 9.917 min Scan# 1328
 Delta R.T. -0.006 min
 Lab File: VY018383.D
 Acq: 28 May 2024 16:25

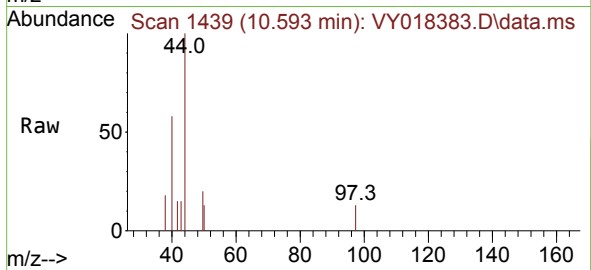
Tgt Ion: 75 Resp: 45
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 0.0 29.8 44.6#



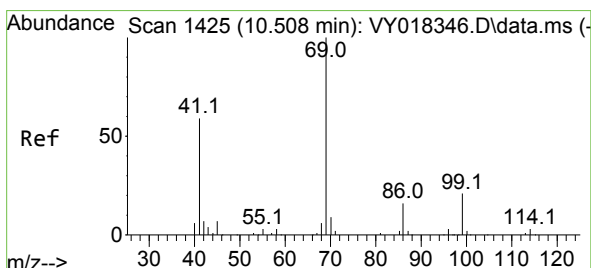
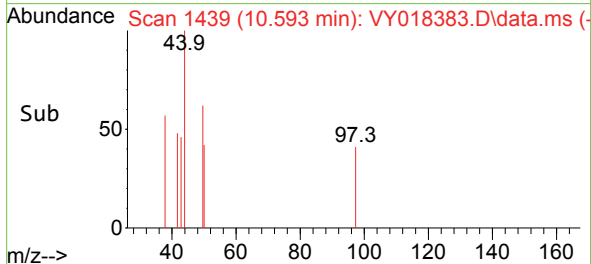
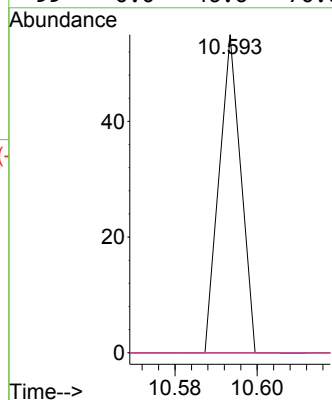


#55
1,1,2-Trichloroethane
Concen: 1.333 ug/l
RT: 10.593 min Scan# 1415
Delta R.T. -0.049 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

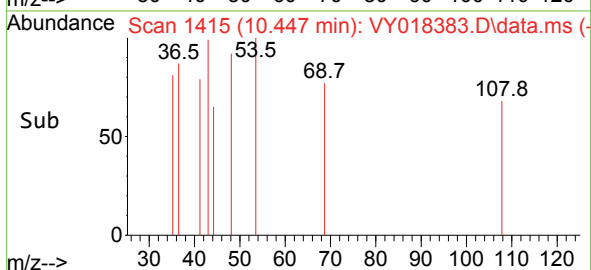
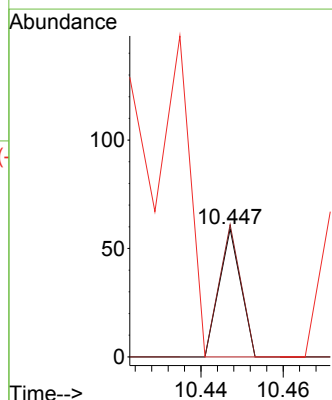
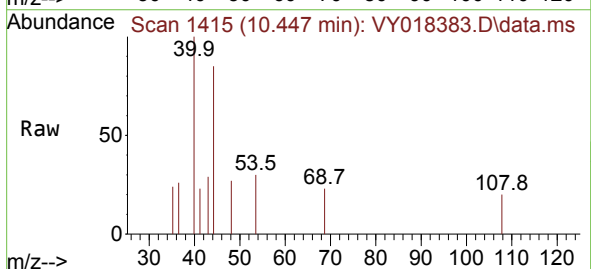


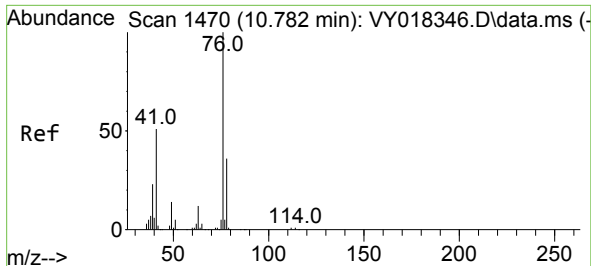
Tgt Ion: 97 Resp: 20
Ion Ratio Lower Upper
97 100
83 0.0 67.5 101.3#
85 0.0 42.9 64.3#
99 0.0 46.6 70.0#



#56
Ethyl methacrylate
Concen: 1.069 ug/l
RT: 10.447 min Scan# 1415
Delta R.T. -0.061 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 69 Resp: 22
Ion Ratio Lower Upper
69 100
41 100.0 42.3 63.5#
39 572.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 1.062 ug/l

RT: 10.862 min Scan# 1470

Delta R.T. 0.079 min

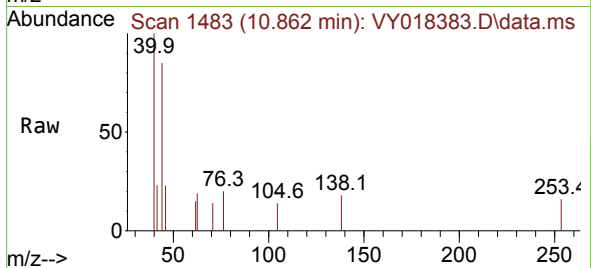
Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

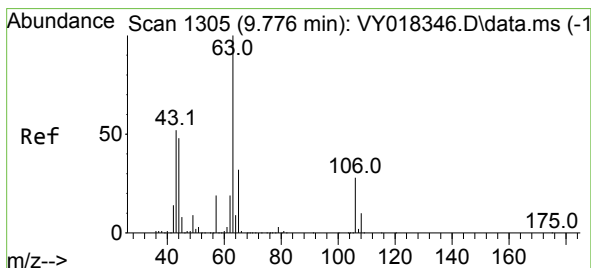
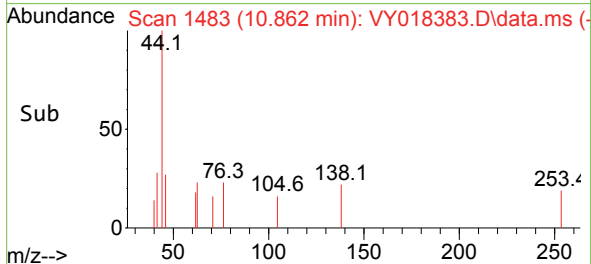
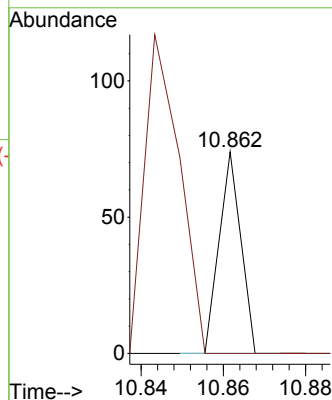


Tgt Ion: 76 Resp: 27

Ion Ratio Lower Upper

76 100

78 255.6 26.2 39.4#



#58

2-Chloroethyl Vinyl ether

Concen: 15.703 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.024 min

Lab File: VY018383.D

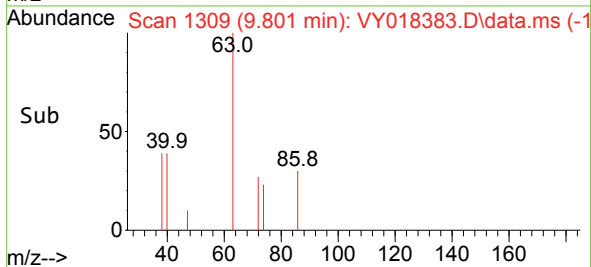
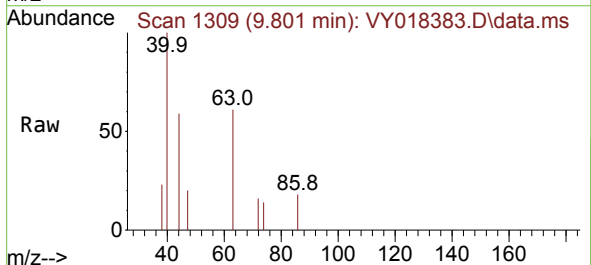
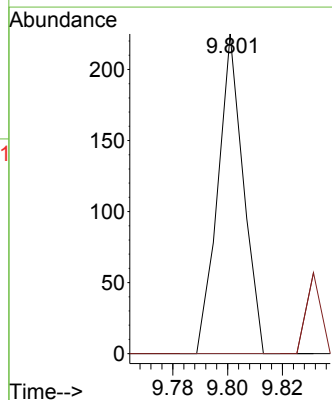
Acq: 28 May 2024 16:25

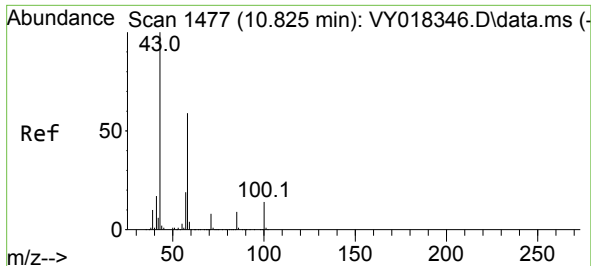
Tgt Ion: 63 Resp: 146

Ion Ratio Lower Upper

63 100

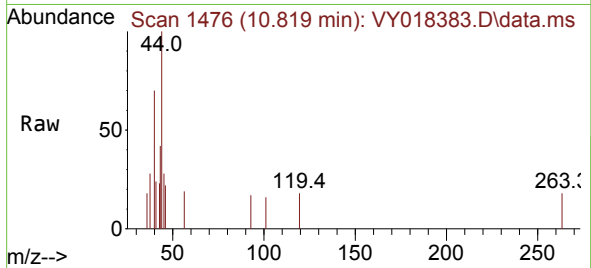
106 0.0 23.7 35.5#



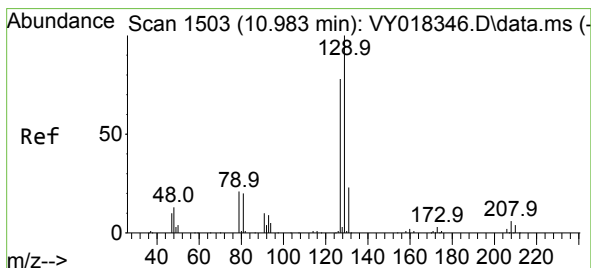
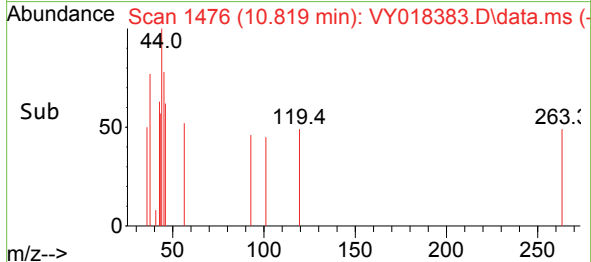
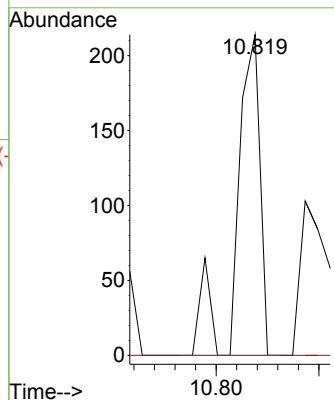


#59
2-Hexanone
Concen: 18.087 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

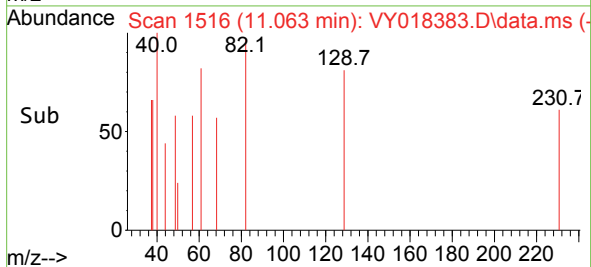
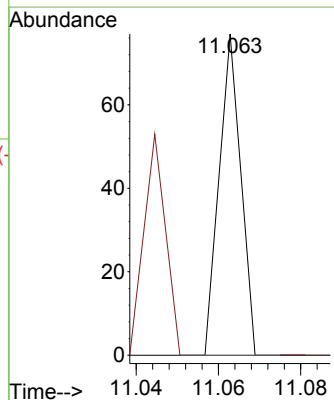
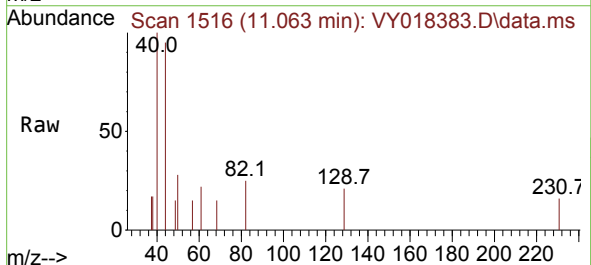


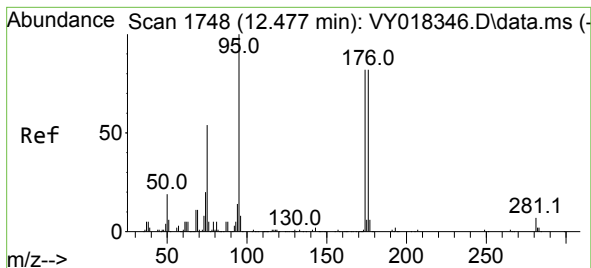
Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#



#60
Dibromochloromethane
Concen: 1.545 ug/l
RT: 11.063 min Scan# 1516
Delta R.T. 0.079 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 129 Resp: 28
Ion Ratio Lower Upper
129 100
127 67.9 39.0 117.0





#62

4-Bromofluorobenzene

Concen: 19.119 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

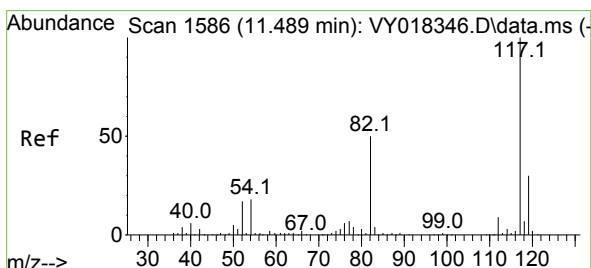
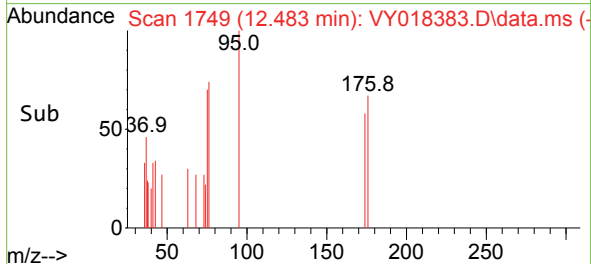
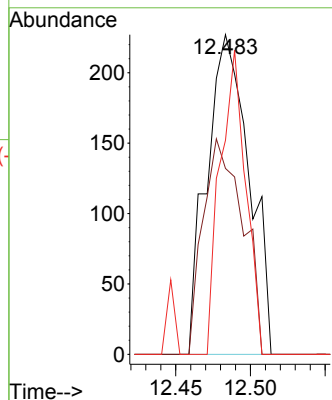
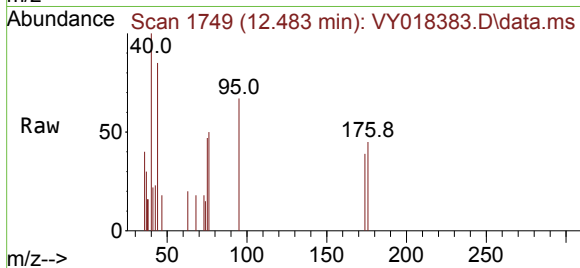
Tgt Ion: 95 Resp: 447

Ion Ratio Lower Upper

95 100

174 63.3 0.0 175.6

176 57.5 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: VY018383.D

Acq: 28 May 2024 16:25

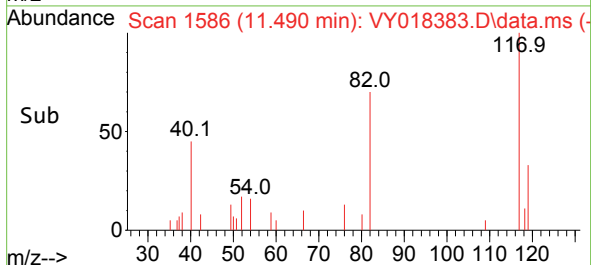
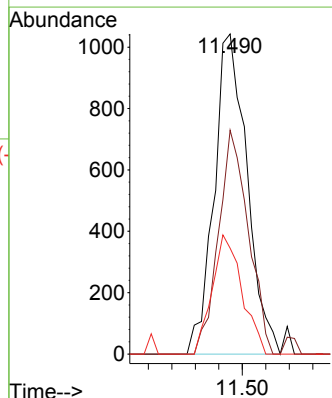
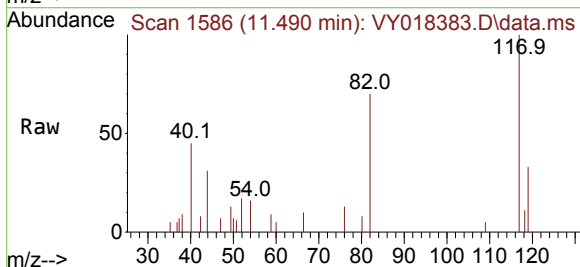
Tgt Ion: 117 Resp: 2030

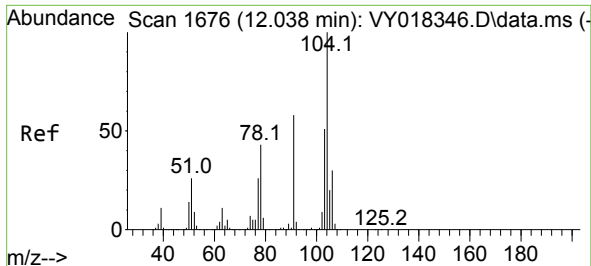
Ion Ratio Lower Upper

117 100

82 69.9 42.4 63.6#

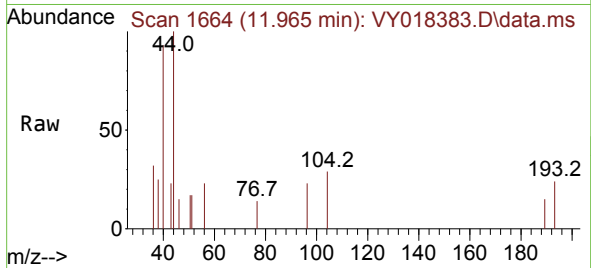
119 33.1 25.9 38.9



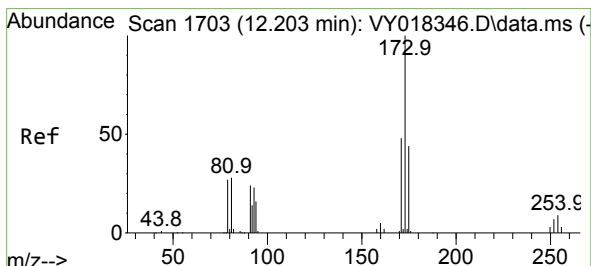
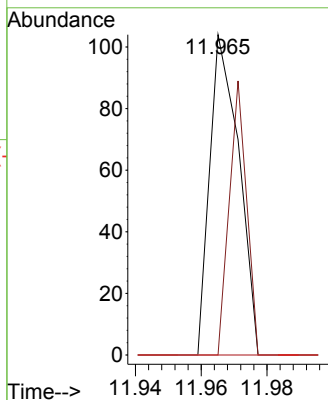
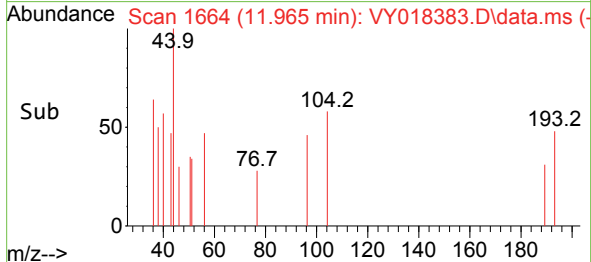


#70
Styrene
Concen: 1.448 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.073 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

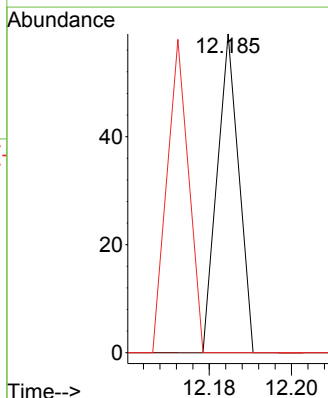
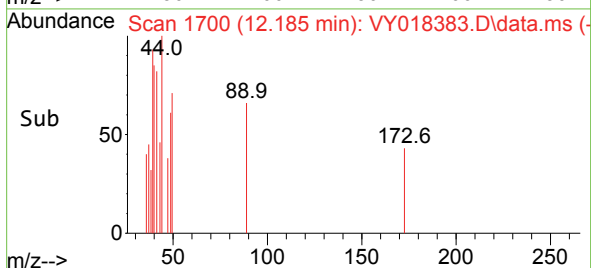
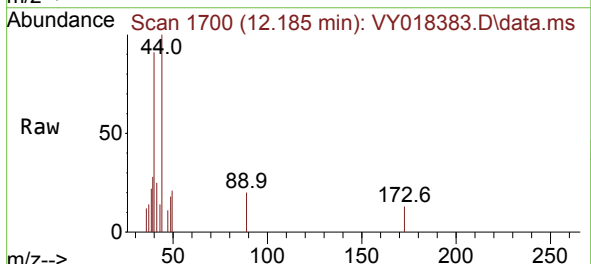


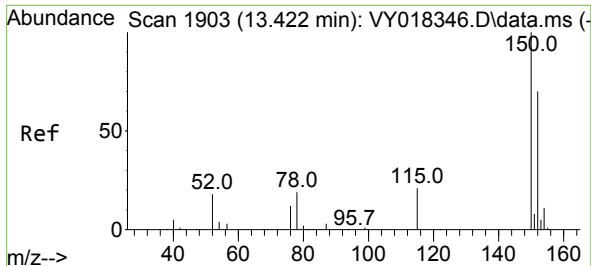
Tgt Ion:104 Resp: 64
Ion Ratio Lower Upper
104 100
78 51.6 37.0 55.4
103 0.0 44.2 66.2#



#71
Bromoform
Concen: 3.135 ug/l
RT: 12.185 min Scan# 1700
Delta R.T. -0.018 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

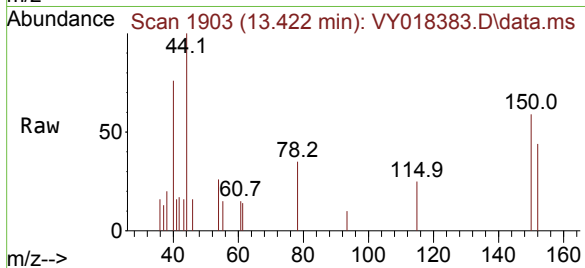
Tgt Ion:173 Resp: 22
Ion Ratio Lower Upper
173 100
175 0.0 25.1 75.3#
254 95.5 0.0 0.0#



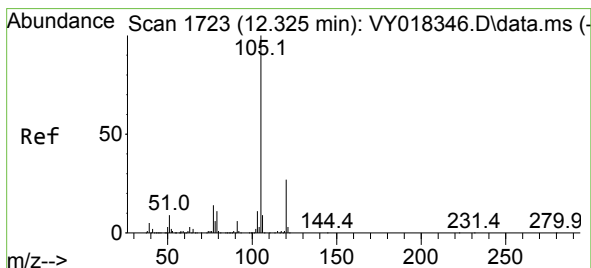
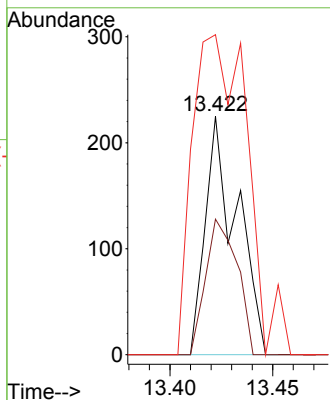
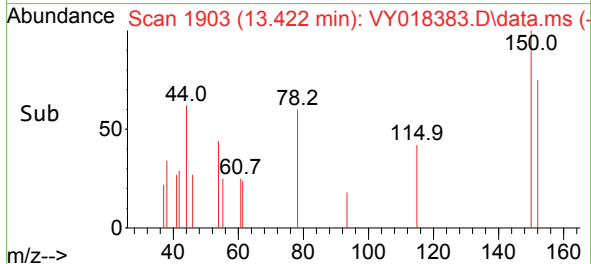


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018383.D
 Acq: 28 May 2024 16:25

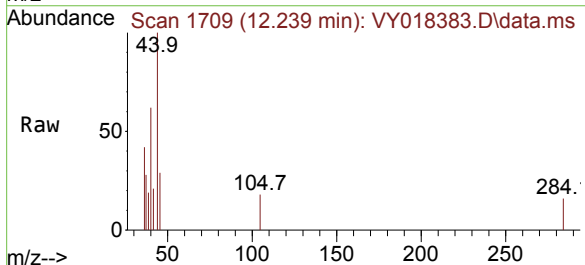
Instrument :
 MSVOA_Y
 ClientSampleId :



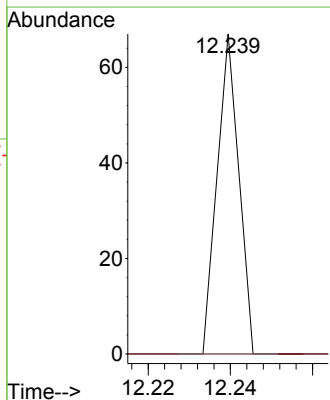
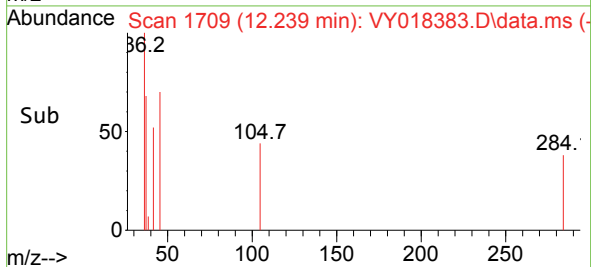
Tgt Ion:152 Resp: 240
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 234.6 0.0 345.6

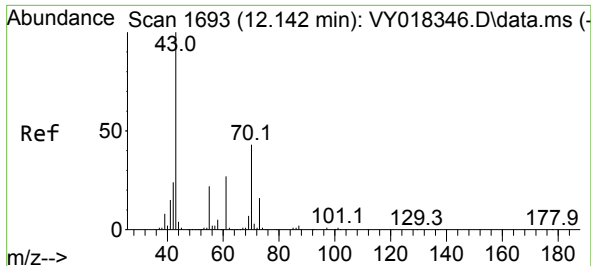


#73
 Isopropylbenzene
 Concen: 1.325 ug/l
 RT: 12.239 min Scan# 1709
 Delta R.T. -0.085 min
 Lab File: VY018383.D
 Acq: 28 May 2024 16:25



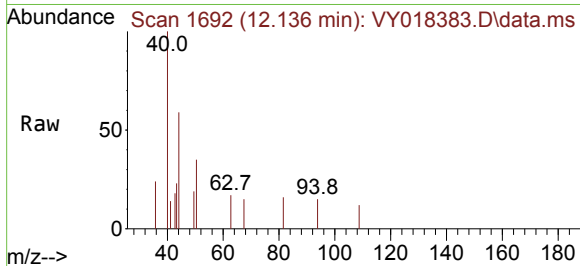
Tgt Ion:105 Resp: 25
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.4 40.1#



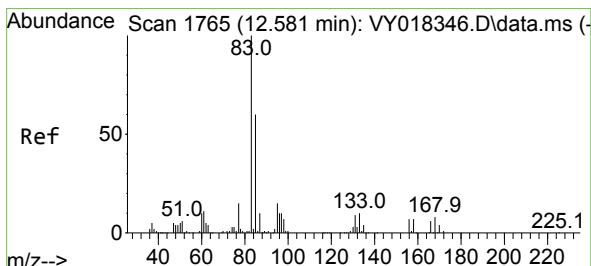
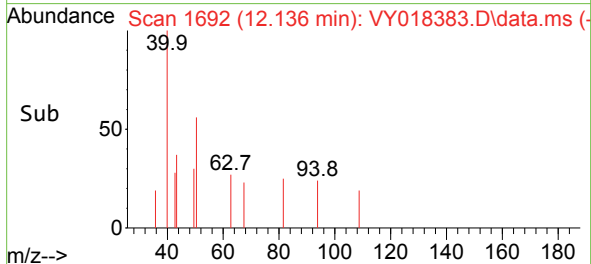
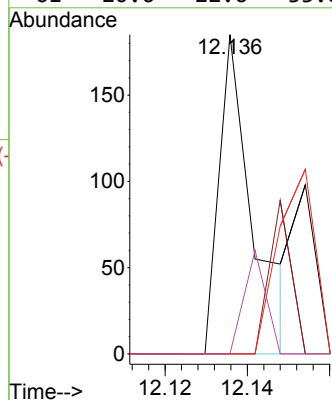


#74
N-amy1 acetate
Concen: 24.313 ug/l
RT: 12.136 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

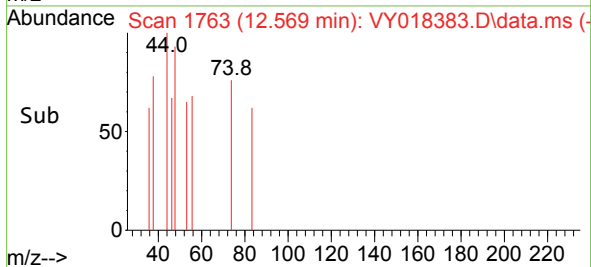
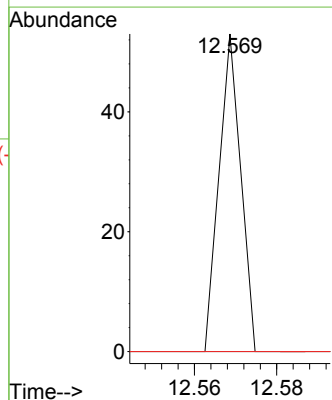
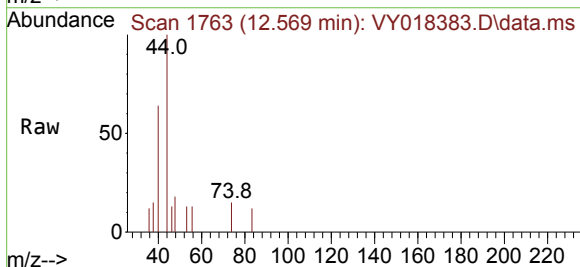


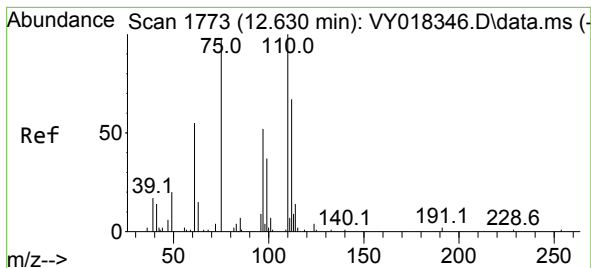
Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
70 30.8 41.4 62.2#
55 81.3 23.3 34.9#
61 20.6 22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 5.911 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. -0.012 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 83 Resp: 19
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: 116.825 ug/l

RT: 12.483 min Scan# 11

Delta R.T. -0.146 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

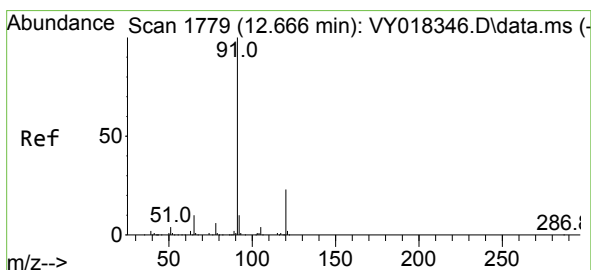
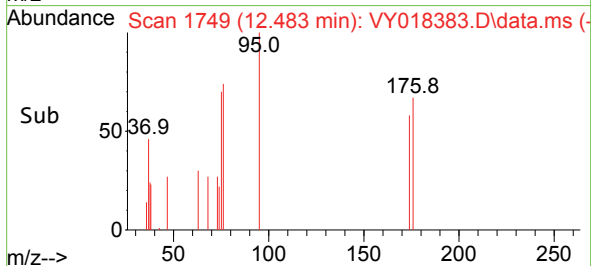
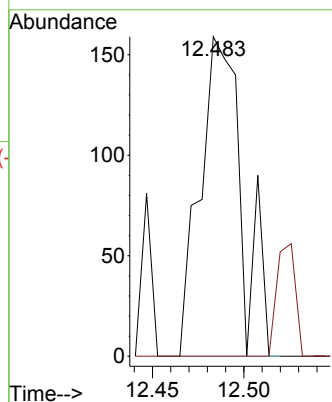
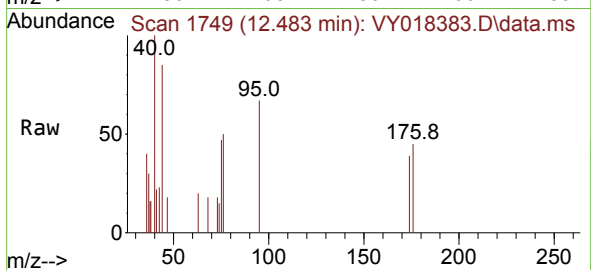
ClientSampleId :

Tgt Ion: 75 Resp: 252

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#78

n-propylbenzene

Concen: 1.063 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.165 min

Lab File: VY018383.D

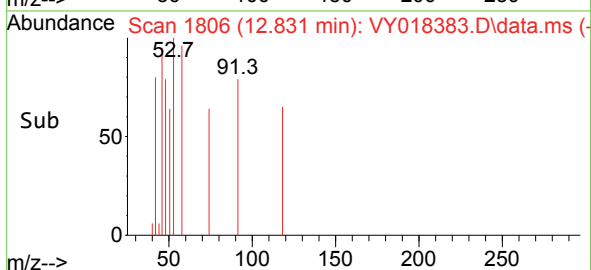
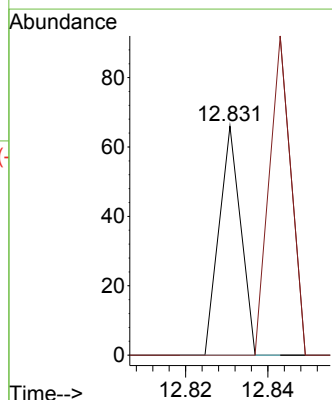
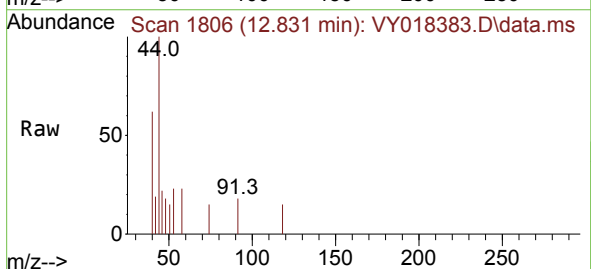
Acq: 28 May 2024 16:25

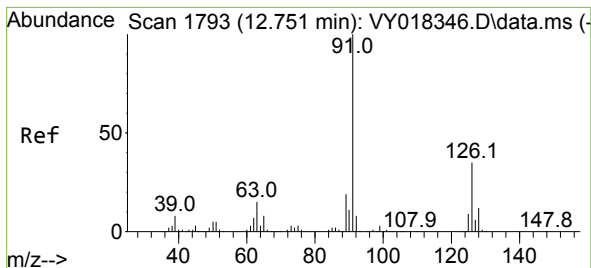
Tgt Ion: 91 Resp: 24

Ion Ratio Lower Upper

91 100

120 141.7 11.5 34.4#





#79

2-Chlorotoluene

Concen: 1.963 ug/l

RT: 12.831 min Scan# 11

Delta R.T. 0.079 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

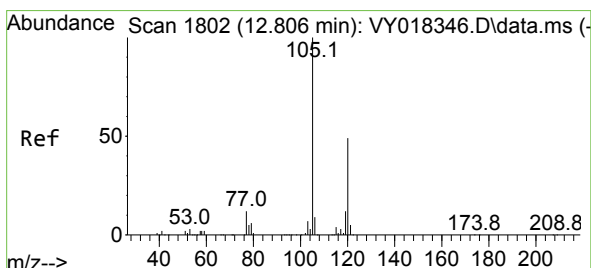
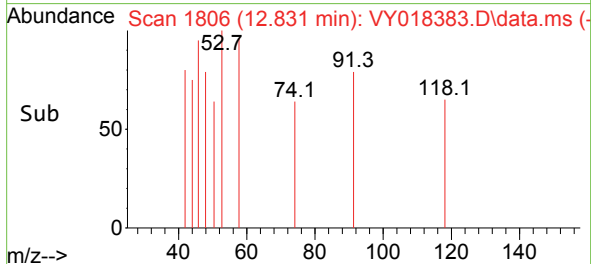
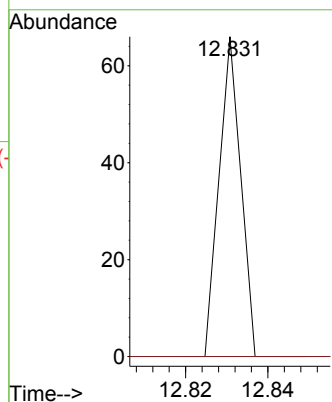
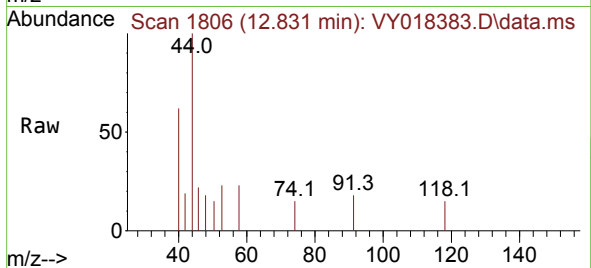
ClientSampleId :

Tgt Ion: 91 Resp: 24

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



#80

1,3,5-Trimethylbenzene

Concen: 1.417 ug/l

RT: 12.776 min Scan# 1797

Delta R.T. -0.030 min

Lab File: VY018383.D

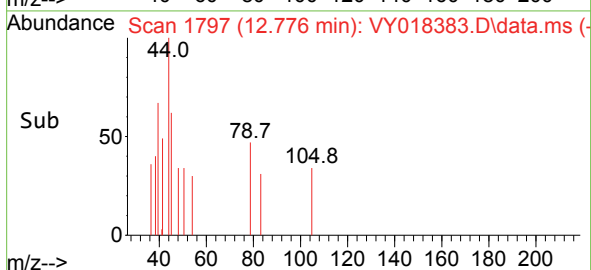
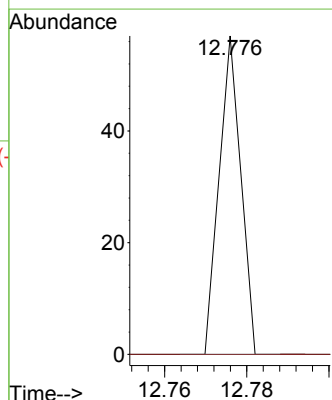
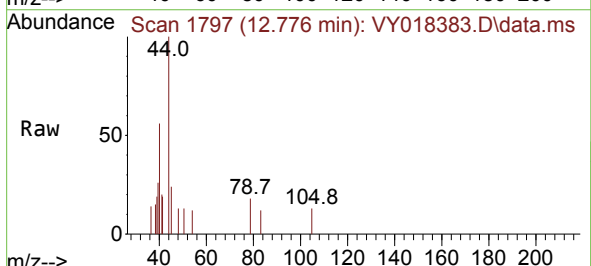
Acq: 28 May 2024 16:25

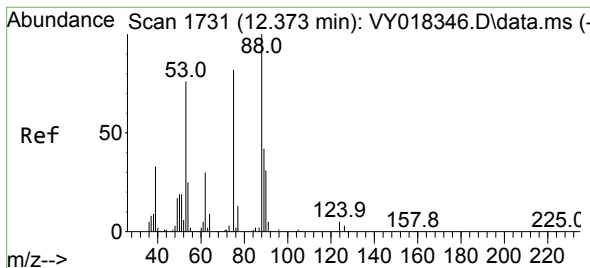
Tgt Ion: 105 Resp: 21

Ion Ratio Lower Upper

105 100

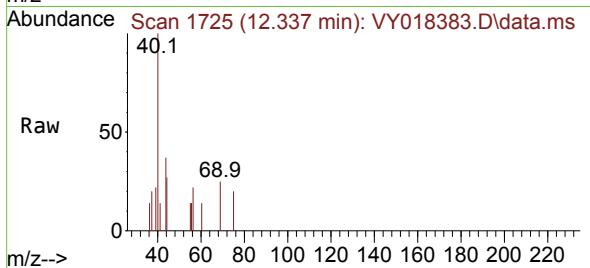
120 0.0 25.1 75.2#



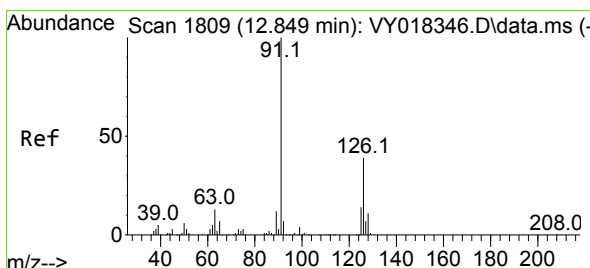
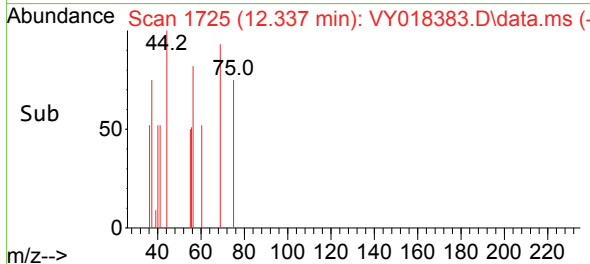
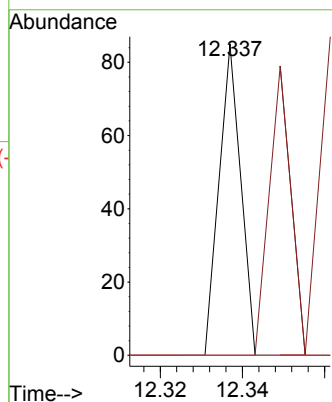


#81
trans-1,4-Dichloro-2-butene
Concen: 29.569 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.036 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

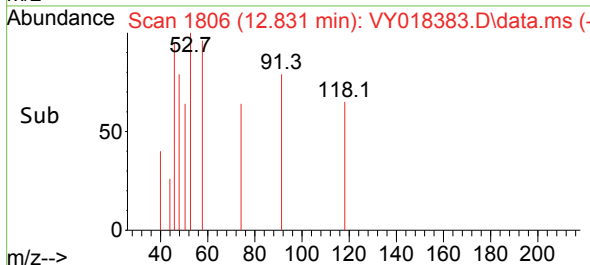
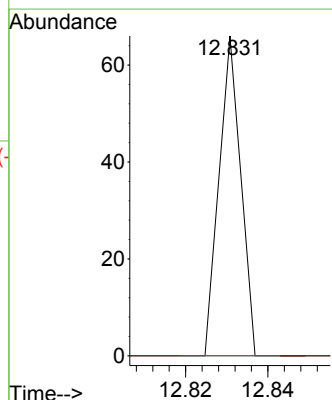
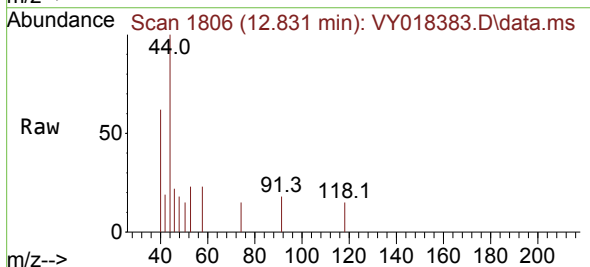


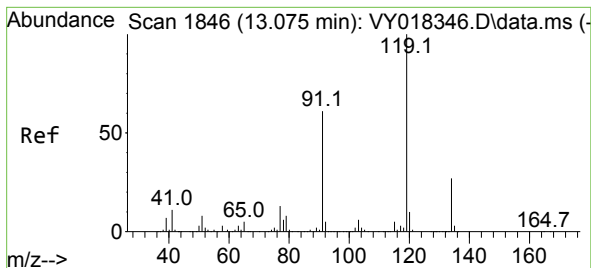
Tgt Ion: 75 Resp: 31
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 1.936 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. -0.018 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 91 Resp: 24
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#83

tert-Butylbenzene

Concen: 4.963 ug/l

RT: 13.233 min Scan# 119

Delta R.T. 0.159 min

Lab File: VY018383.D

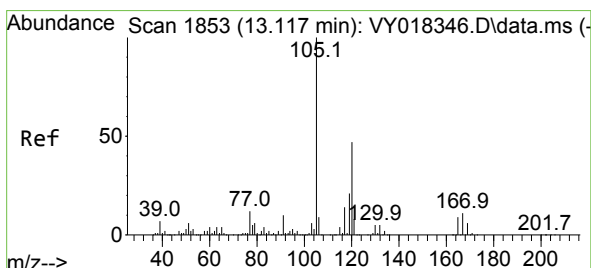
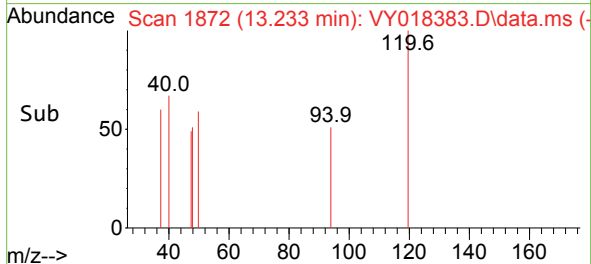
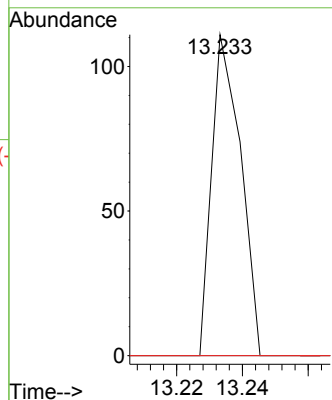
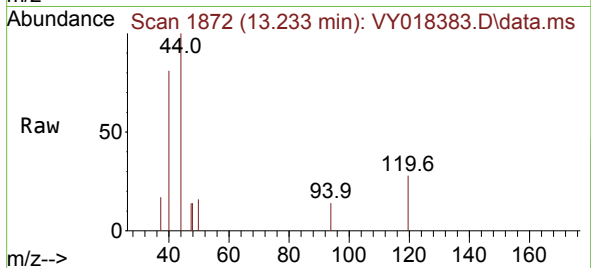
Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	68
Ion Ratio	Lower	Upper
119	100	
91	0.0	31.3 93.8#
134	0.0	13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 1.372 ug/l

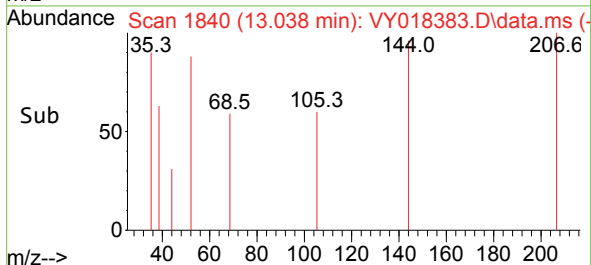
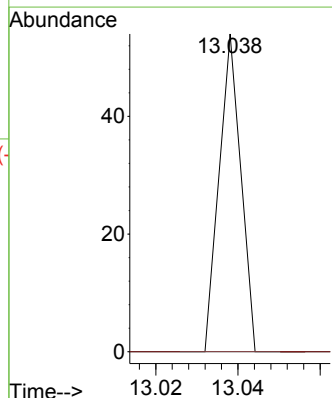
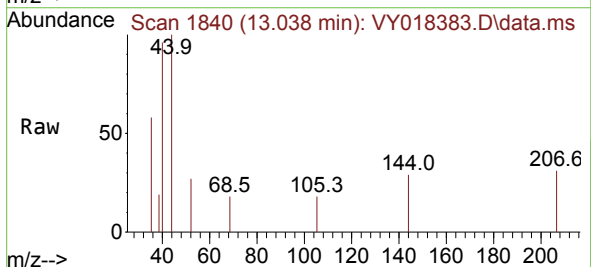
RT: 13.038 min Scan# 1840

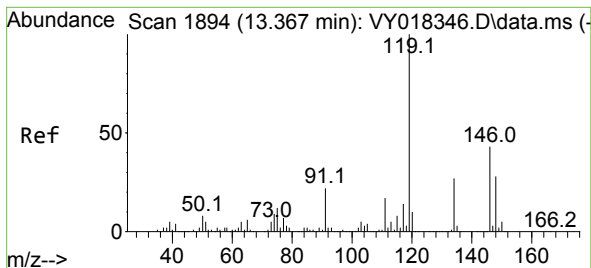
Delta R.T. -0.079 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Tgt Ion:105	Resp:	20
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.2 69.6#

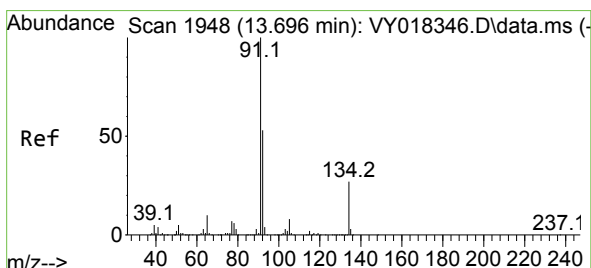
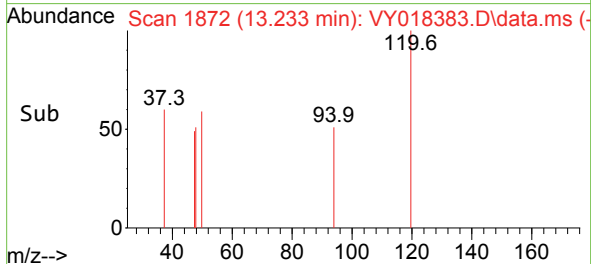
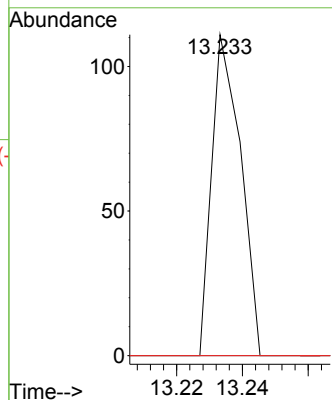
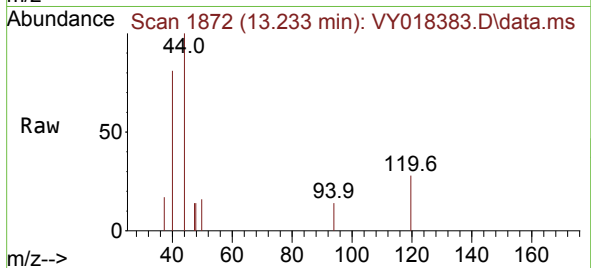




#86
p-Isopropyltoluene
Concen: 4.102 ug/l
RT: 13.233 min Scan# 119
Delta R.T. -0.134 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

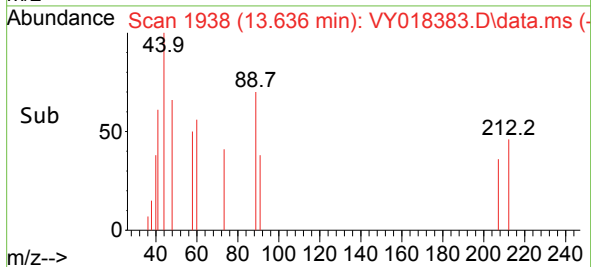
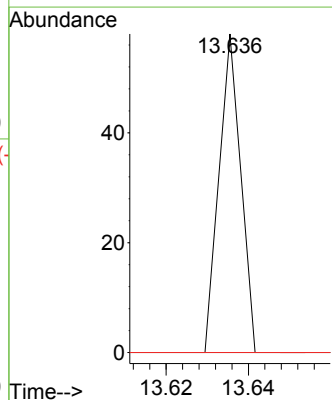
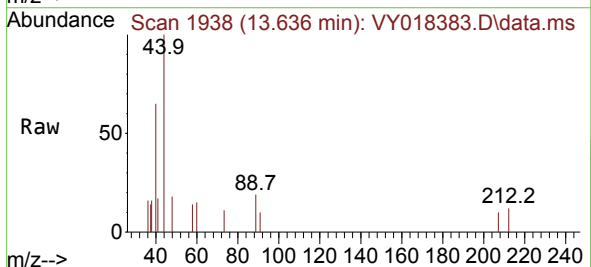
Instrument :
MSVOA_Y
ClientSampleId :

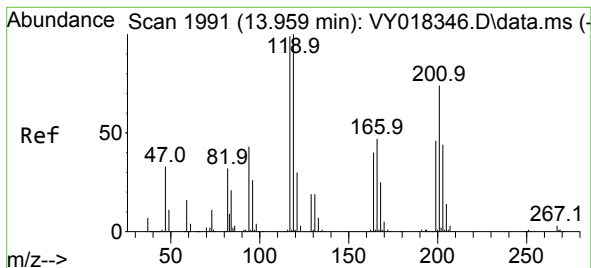
Tgt Ion:119 Resp: 68
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.3#
91 0.0 10.7 32.1#



#89
n-Butylbenzene
Concen: 1.348 ug/l
RT: 13.636 min Scan# 1938
Delta R.T. -0.061 min
Lab File: VY018383.D
Acq: 28 May 2024 16:25

Tgt Ion: 91 Resp: 21
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.7#
134 0.0 12.9 38.7#





#90

Hexachloroethane

Concen: 7.187 ug/l

RT: 14.221 min Scan# 20

Delta R.T. 0.262 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

Instrument :

MSVOA_Y

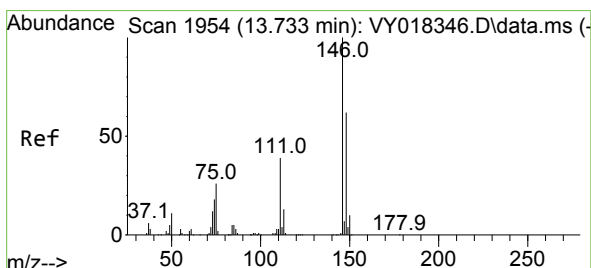
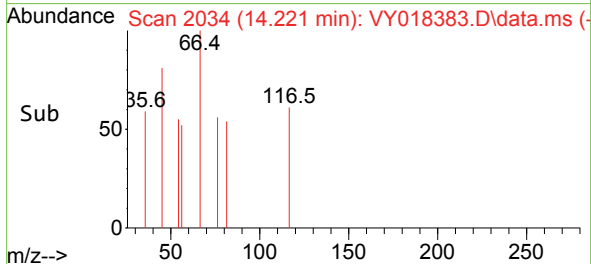
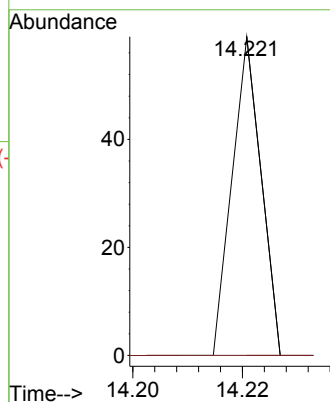
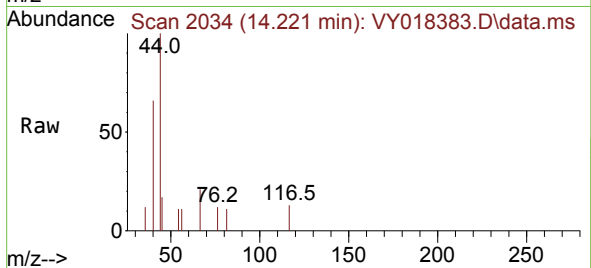
ClientSampleId :

Tgt Ion:117 Resp: 22

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#91

1,2-Dichlorobenzene

Concen: 3.400 ug/l

RT: 13.764 min Scan# 1959

Delta R.T. 0.031 min

Lab File: VY018383.D

Acq: 28 May 2024 16:25

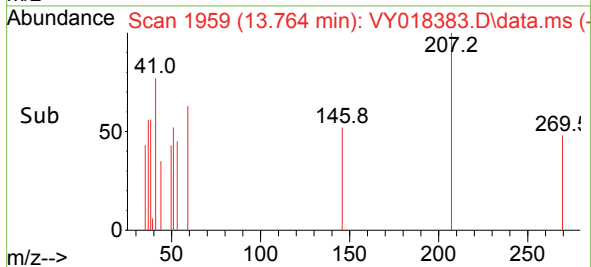
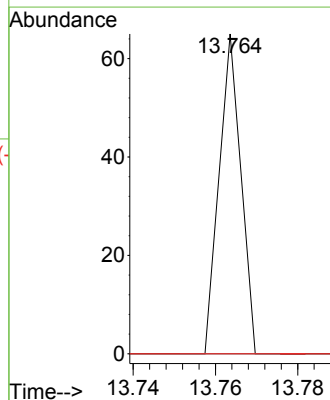
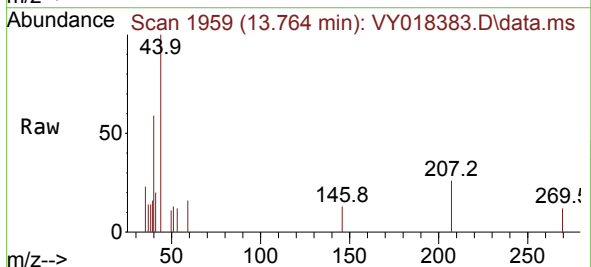
Tgt Ion:146 Resp: 24

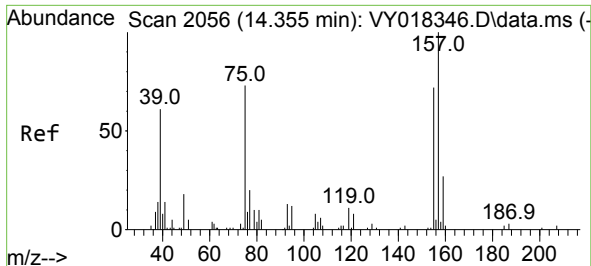
Ion Ratio Lower Upper

146 100

111 0.0 19.9 59.7#

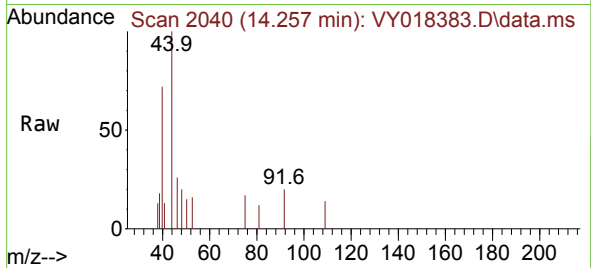
148 0.0 31.8 95.4#



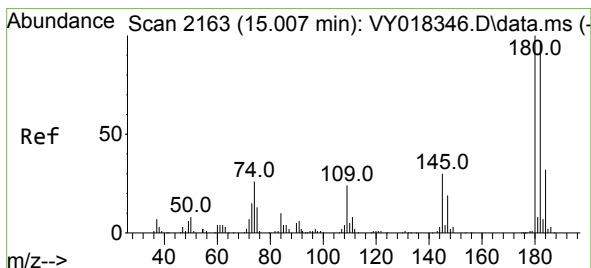
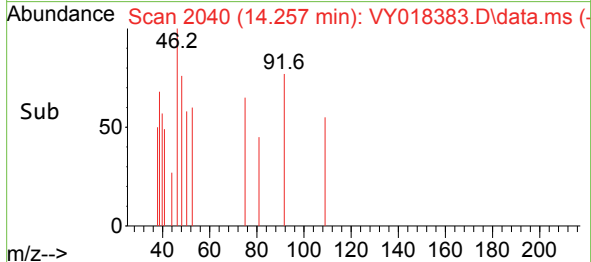
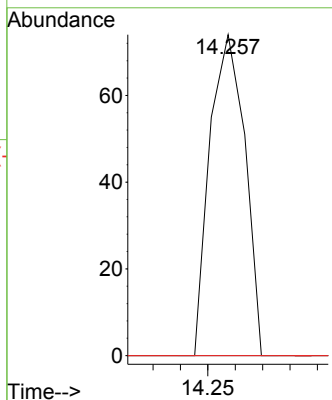


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 149.710 ug/l
 RT: 14.257 min Scan# 2056
 Delta R.T. -0.097 min
 Lab File: VY018383.D
 Acq: 28 May 2024 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :

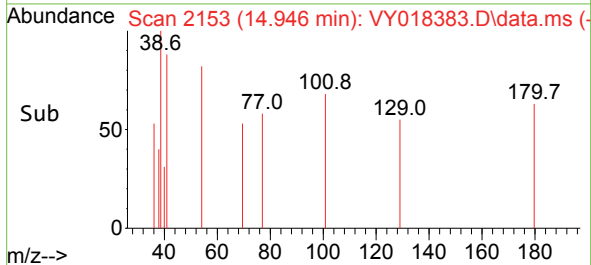
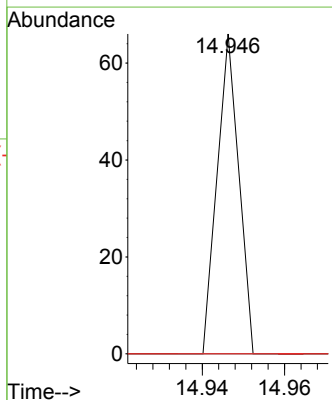
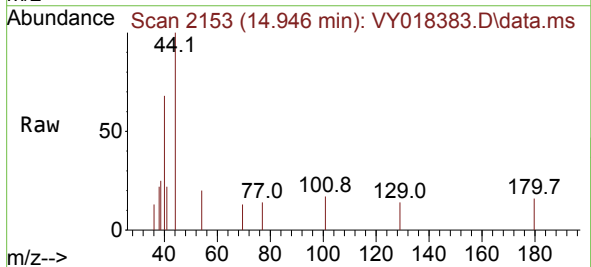


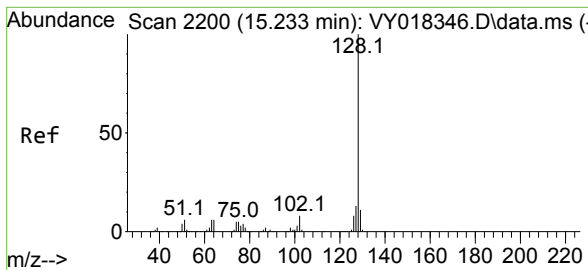
Tgt Ion: 75 Resp: 66
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.969 ug/l
 RT: 14.946 min Scan# 2153
 Delta R.T. -0.061 min
 Lab File: VY018383.D
 Acq: 28 May 2024 16:25

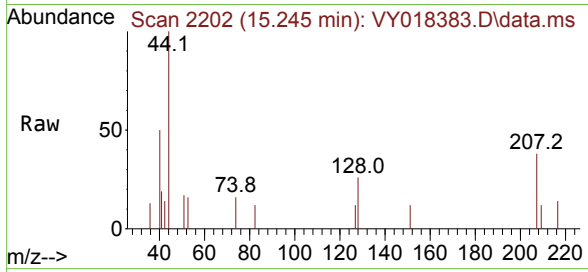
Tgt Ion: 180 Resp: 24
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 0.0 14.2 42.6#





#95
 Naphthalene
 Concen: 10.876 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY018383.D
 Acq: 28 May 2024 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	86
Ion	Ratio	Lower	Upper
128	100		
127	23.3	10.6	16.0#
129	0.0	8.6	13.0#

