

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018217.D
 Acq On : 09 May 2024 18:06
 Operator : SY/MD
 Sample : P2432-05
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:21:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	3096	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.685	114	5787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	607	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1853	81.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.720%	
35) Dibromofluoromethane	7.710	113	1765	58.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.060%	
50) Toluene-d8	10.179	98	5620	46.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.780%	
62) 4-Bromofluorobenzene	12.495	95	1241	32.064	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 64.120%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.851	85	48	1.955	ug/l #	43
3) Chloromethane	2.125	50	186	5.659	ug/l	98
4) Vinyl Chloride	2.247	62	164	4.116	ug/l #	50
6) Chloroethane	2.784	64	68	2.689	ug/l #	42
8) Diethyl Ether	3.582	74	24	1.562	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.814	101	44	1.479	ug/l #	19
10) Methyl Iodide	4.101	142	39	1.123	ug/l #	42
11) Tert butyl alcohol	4.991	59	114	47.351	ug/l #	58
12) 1,1-Dichloroethene	3.710	96	30	1.002	ug/l #	1
13) Acrolein	3.784	56	31	9.561	ug/l #	1
14) Allyl chloride	4.472	41	72	1.890	ug/l #	56
15) Acrylonitrile	5.131	53	49	8.294	ug/l #	18
16) Acetone	3.930	43	316	69.523	ug/l #	36
18) Methyl Acetate	4.491	43	110	8.496	ug/l #	46
20) Methylene Chloride	4.698	84	436	13.571	ug/l #	33
21) trans-1,2-Dichloroethene	5.235	96	78	2.458	ug/l #	1
22) Diisopropyl ether	6.167	45	146	1.807	ug/l #	60
23) Vinyl Acetate	6.039	43	138	2.810	ug/l #	67
25) 2-Butanone	6.954	43	340	46.796	ug/l #	41
26) 2,2-Dichloropropane	6.954	77	65	1.443	ug/l #	51
28) Bromochloromethane	7.326	49	75	3.770	ug/l #	6
29) Tetrahydrofuran	7.313	42	45	9.383	ug/l #	26
31) Cyclohexane	7.789	56	23	Below Cal	#	1
32) 1,1,1-Trichloroethane	7.758	97	53	1.138	ug/l #	25
37) Ethyl Acetate	7.088	43	93	5.068	ug/l #	65
41) Methacrylonitrile	7.307	41	44	4.152	ug/l #	1
43) Isopropyl Acetate	8.252	43	113	3.004	ug/l #	47
46) Dibromomethane	9.222	93	21	1.191	ug/l #	3
48) Methyl methacrylate	9.313	41	77	4.467	ug/l #	30
49) 1,4-Dioxane	9.356	88	23	98.304	ug/l #	20
51) 4-Methyl-2-Pentanone	10.081	43	85	4.496	ug/l #	31
55) 1,1,2-Trichloroethane	10.734	97	50	2.065	ug/l #	26
58) 2-Chloroethyl Vinyl ether	9.789	63	54	3.439	ug/l #	45
59) 2-Hexanone	11.008	43	73	5.523	ug/l	98
61) 1,2-Dibromoethane	11.038	107	25	1.096	ug/l #	2
74) N-amyl acetate	12.111	43	85	8.997	ug/l #	26

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

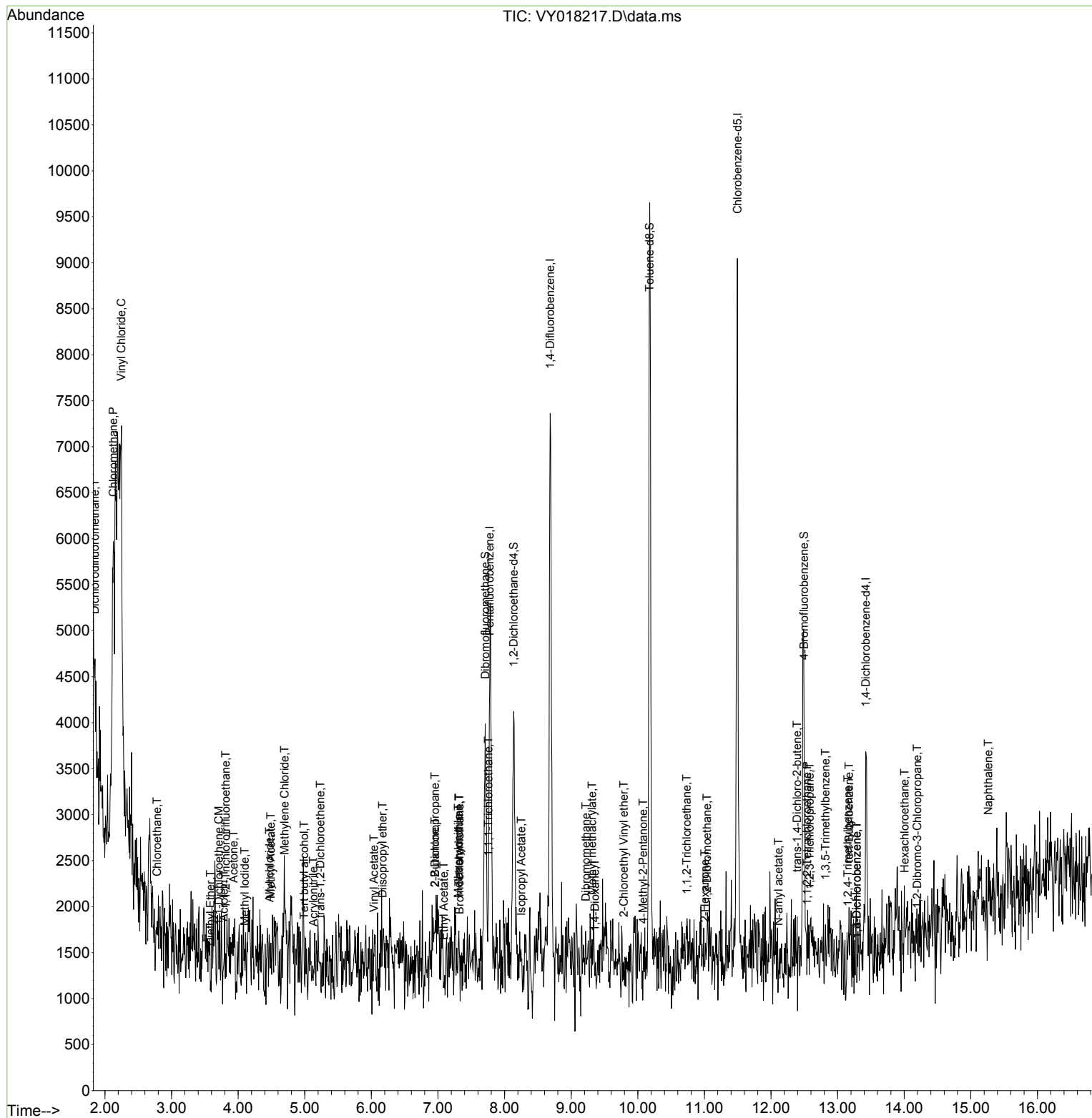
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.544	83	22	3.030	ug/l #	26
76) 1,2,3-Trichloropropane	12.581	75	61	12.555	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.819	105	44	1.226	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.392	75	21	8.327	ug/l #	16
83) tert-Butylbenzene	13.172	119	71	2.145	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.154	105	37	1.053	ug/l #	30
87) 1,3-Dichlorobenzene	13.288	146	44	2.179	ug/l #	25
88) 1,4-Dichlorobenzene	13.288	146	44	2.235	ug/l #	25
90) Hexachloroethane	14.007	117	46	5.870	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.196	75	41	41.475	ug/l #	1
95) Naphthalene	15.263	128	57	3.188	ug/l #	1

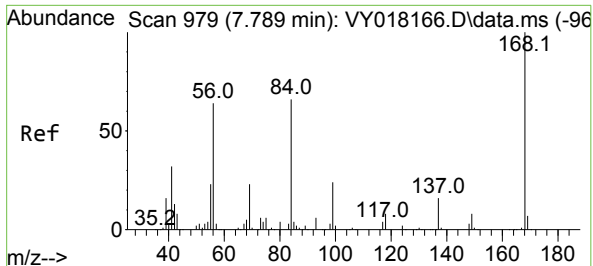
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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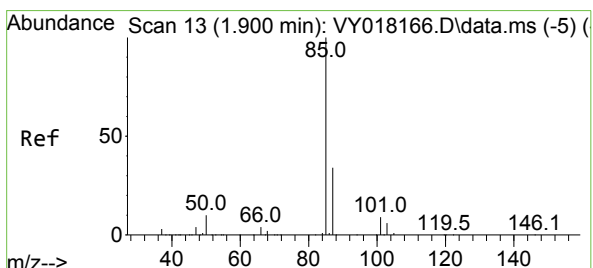
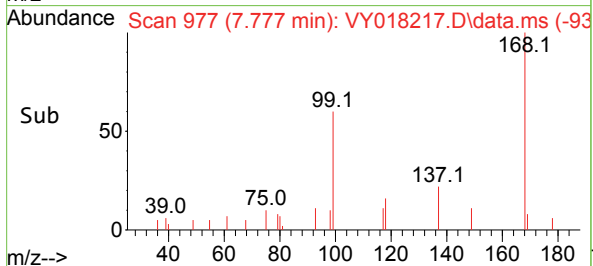
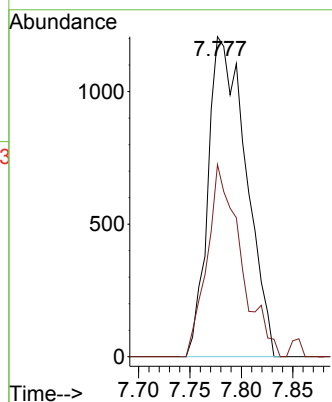
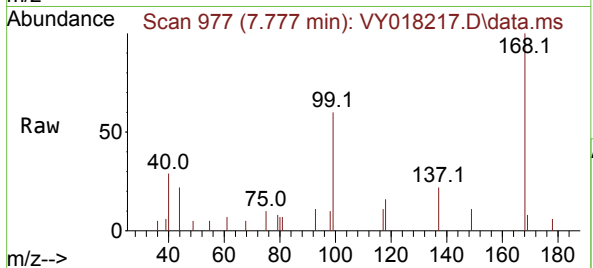




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

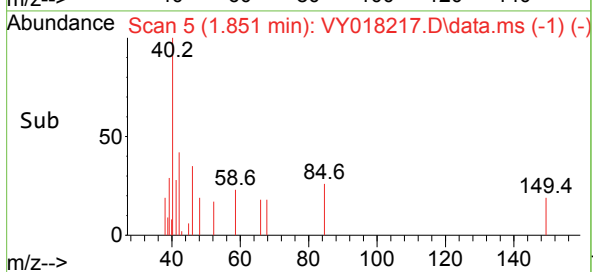
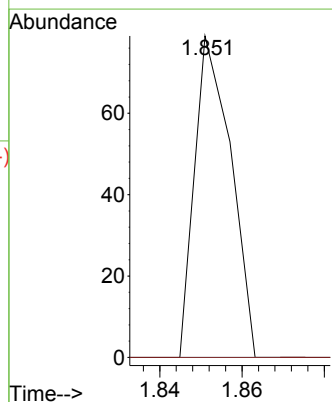
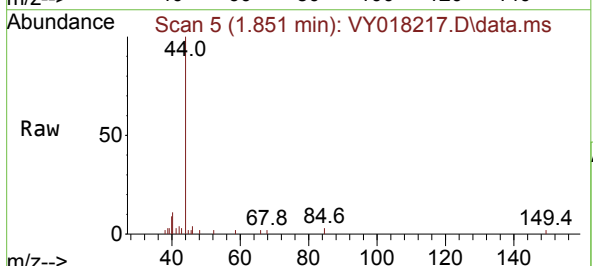
Instrument :
MSVOA_Y
ClientSampleId :

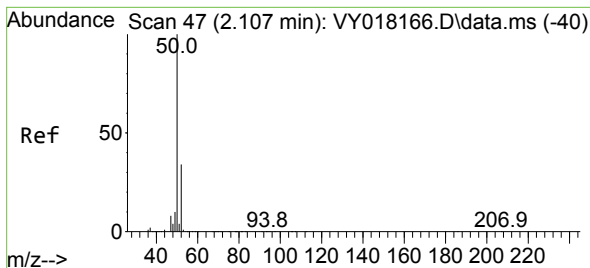
Tgt Ion:168 Resp: 3096
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 1.955 ug/l
RT: 1.851 min Scan# 5
Delta R.T. -0.049 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#3

Chloromethane

Concen: 5.659 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.018 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

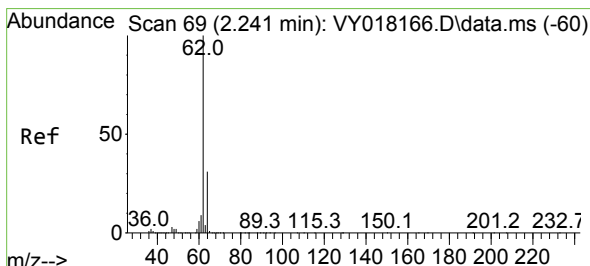
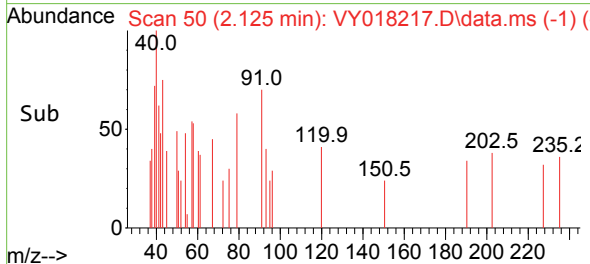
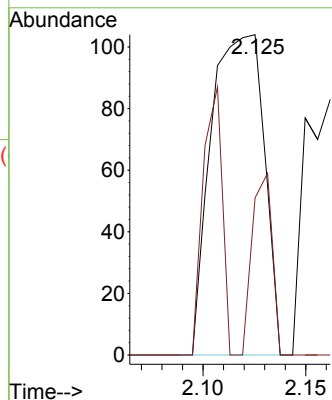
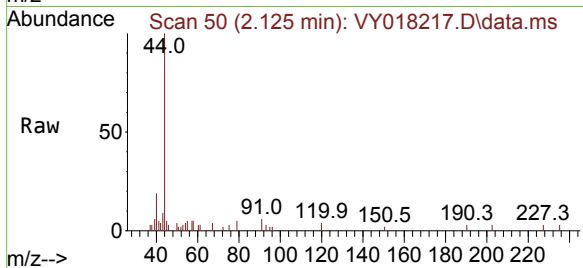
ClientSampleId :

Tgt Ion: 50 Resp: 186

Ion Ratio Lower Upper

50 100

52 30.7 25.6 38.4



#4

Vinyl Chloride

Concen: 4.116 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY018217.D

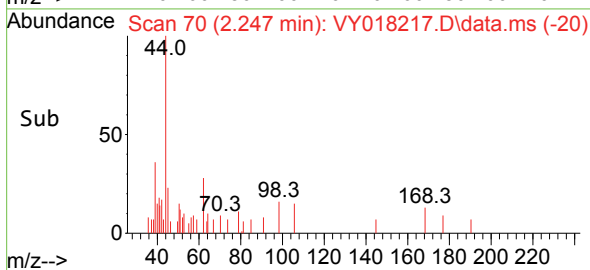
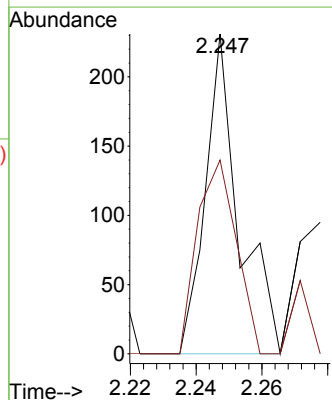
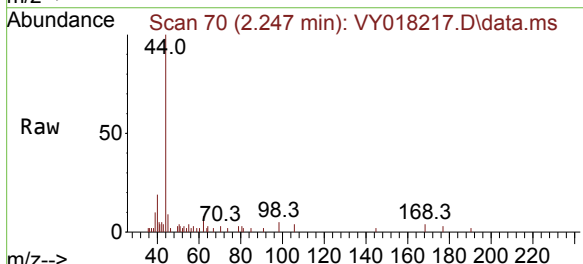
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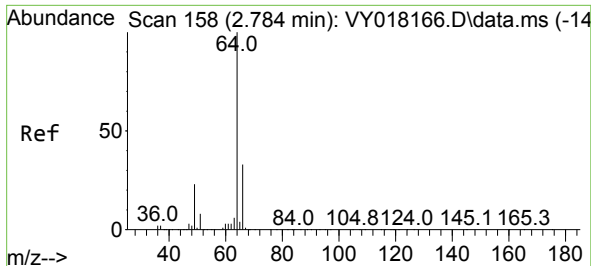
Tgt Ion: 62 Resp: 164

Ion Ratio Lower Upper

62 100

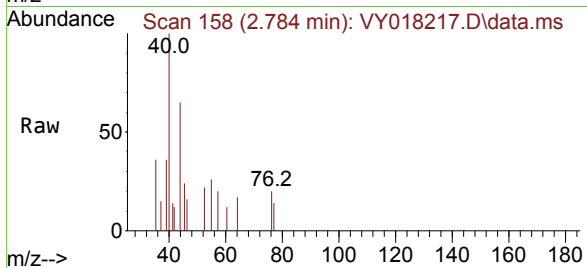
64 60.6 26.1 39.1#



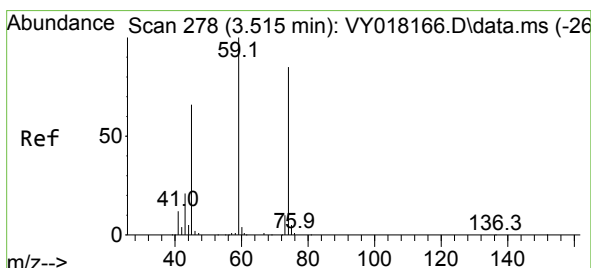
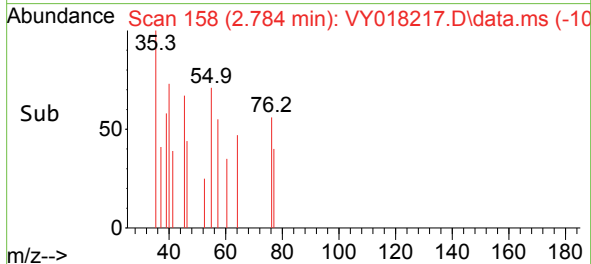
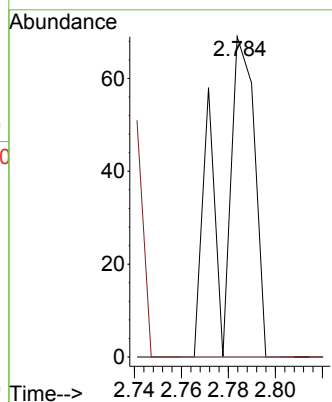


#6
Chloroethane
Concen: 2.689 ug/l
RT: 2.784 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

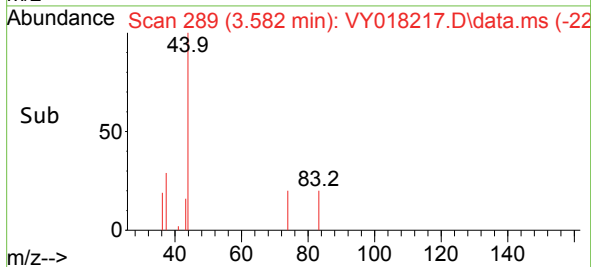
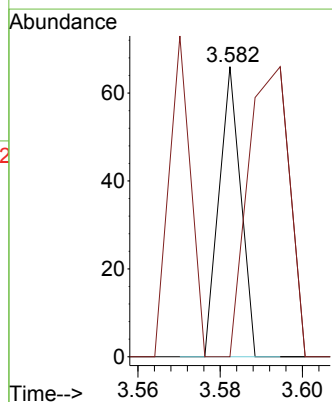
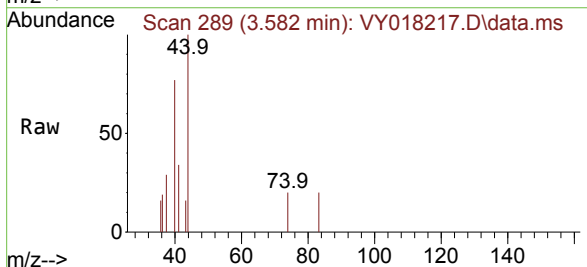


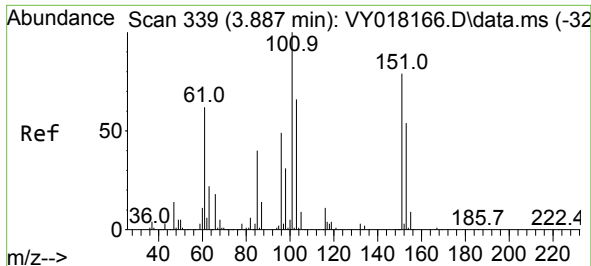
Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#8
Diethyl Ether
Concen: 1.562 ug/l
RT: 3.582 min Scan# 289
Delta R.T. 0.067 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

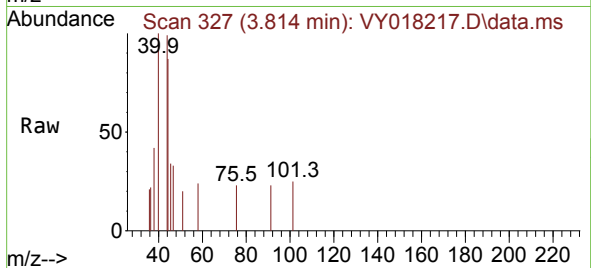
Tgt Ion: 74 Resp: 24
Ion Ratio Lower Upper
74 100
45 112.5 41.3 124.1



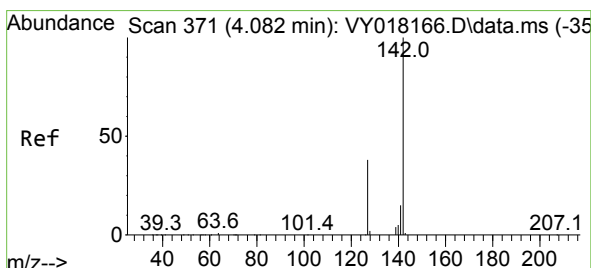
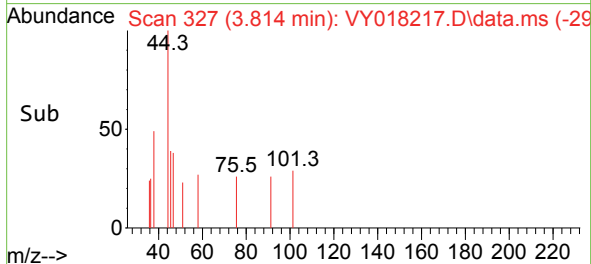
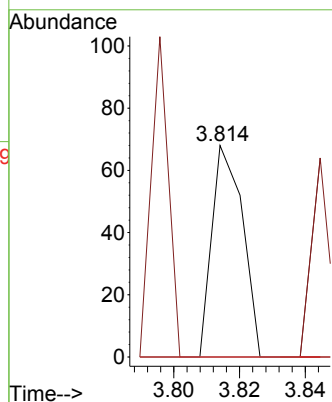


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.479 ug/l
RT: 3.814 min Scan# 31
Delta R.T. -0.073 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

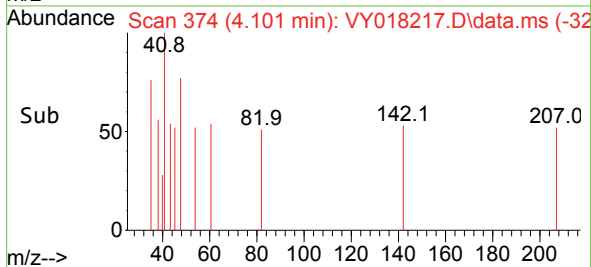
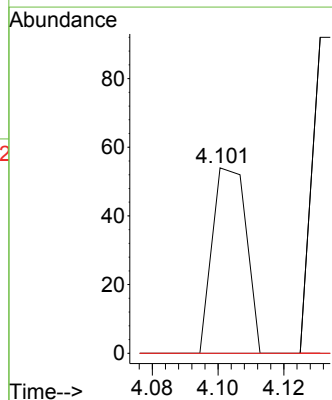
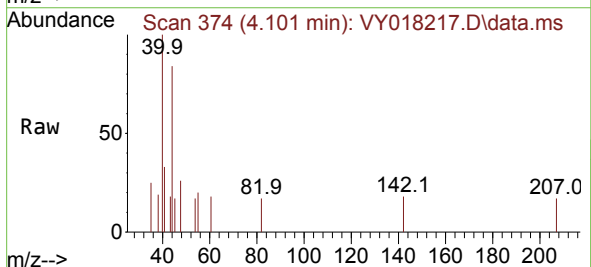


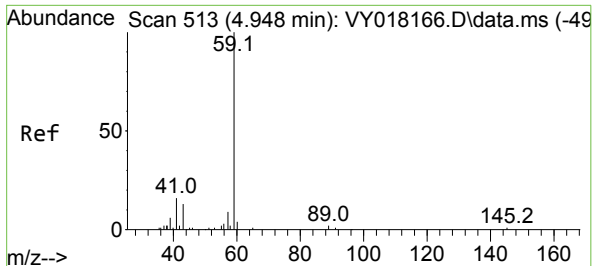
Tgt Ion:101 Resp: 44
Ion Ratio Lower Upper
101 100
85 86.4 34.5 51.7#
151 0.0 61.7 92.5#



#10
Methyl Iodide
Concen: 1.123 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion:142 Resp: 39
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: 47.351 ug/l

RT: 4.991 min Scan# 51

Delta R.T. 0.043 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

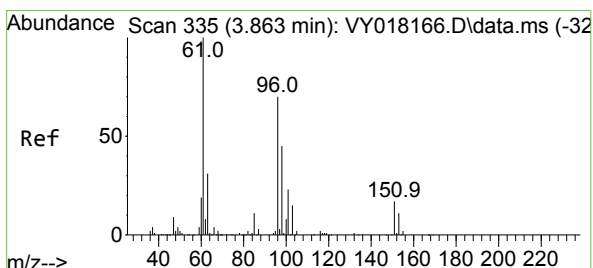
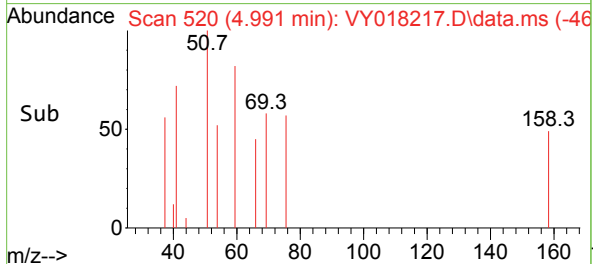
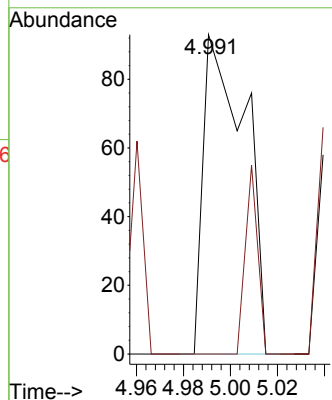
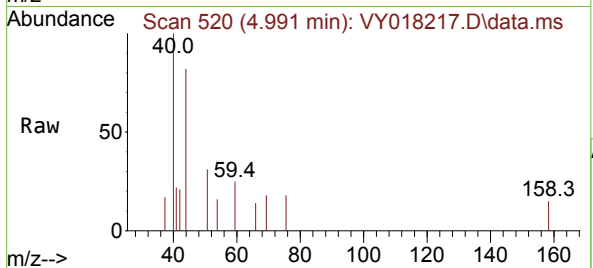
ClientSampleId :

Tgt Ion: 59 Resp: 114

Ion Ratio Lower Upper

59 100

57 17.5 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 1.002 ug/l

RT: 3.710 min Scan# 310

Delta R.T. -0.152 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

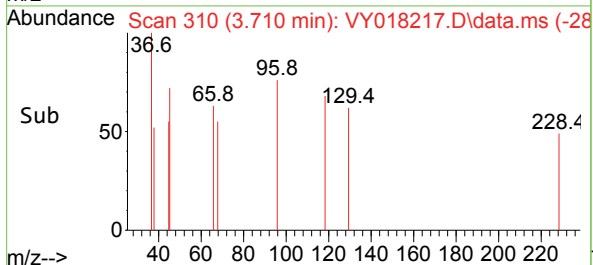
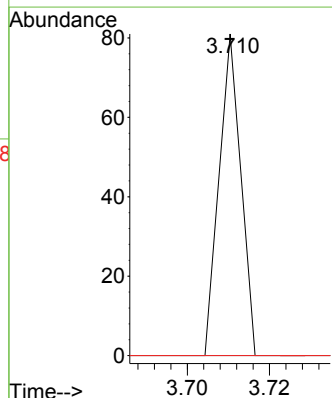
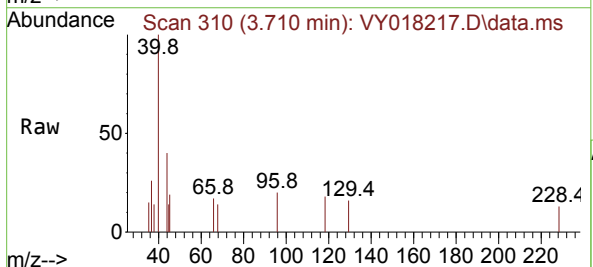
Tgt Ion: 96 Resp: 30

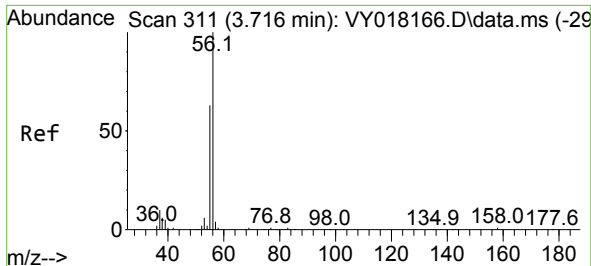
Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

98 0.0 50.8 76.2#

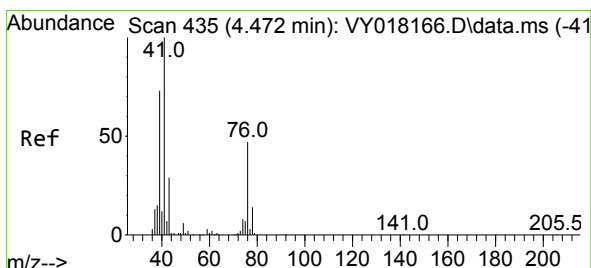
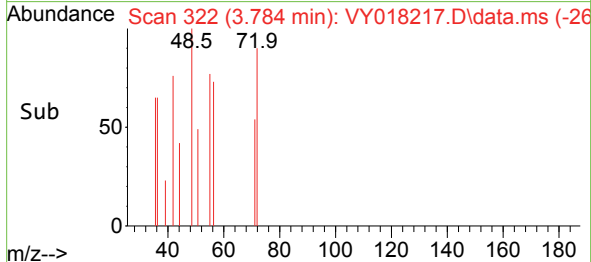
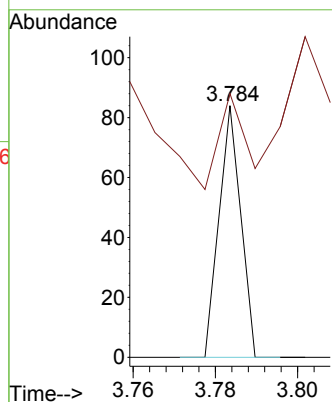
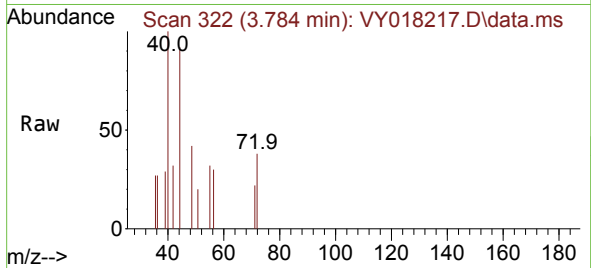




#13
Acrolein
Concen: 9.561 ug/l
RT: 3.784 min Scan# 311
Delta R.T. 0.068 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

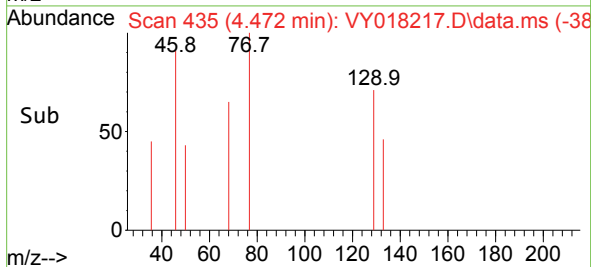
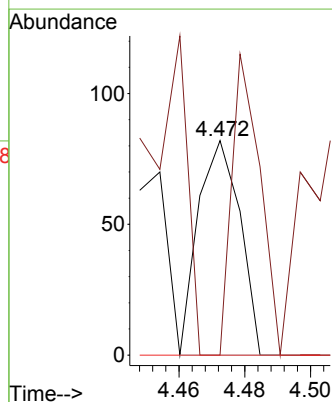
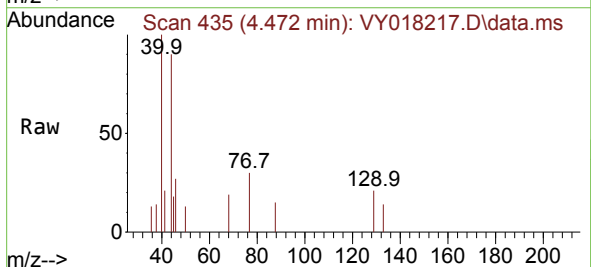
Instrument :
MSVOA_Y
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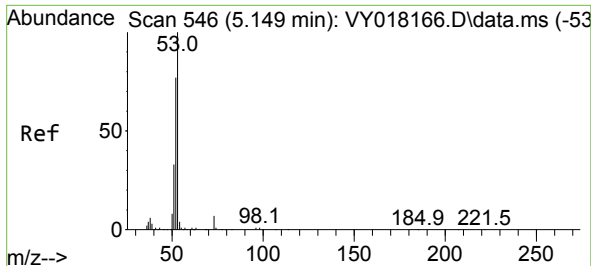
Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 496.8 55.7 83.5#



#14
Allyl chloride
Concen: 1.890 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

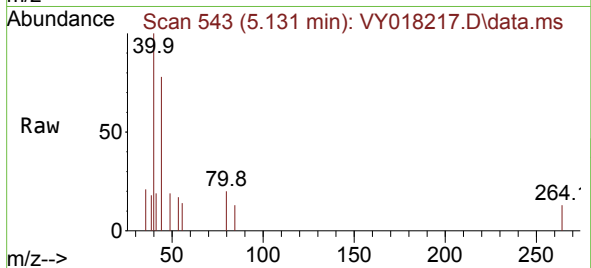
Tgt Ion: 41 Resp: 72
Ion Ratio Lower Upper
41 100
39 94.4 58.3 87.5#
76 0.0 39.0 58.6#



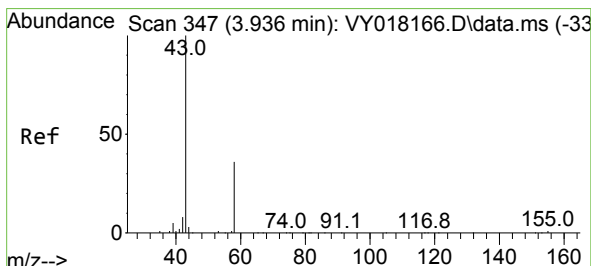
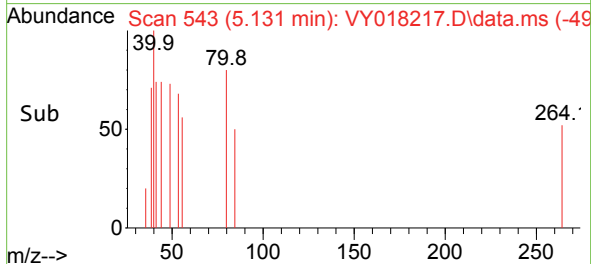
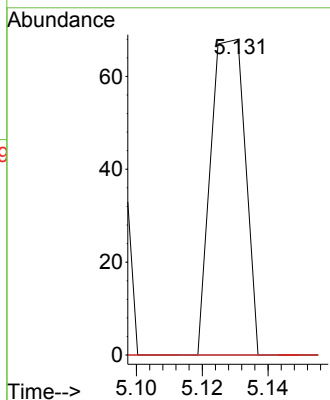


#15
Acrylonitrile
Concen: 8.294 ug/l
RT: 5.131 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

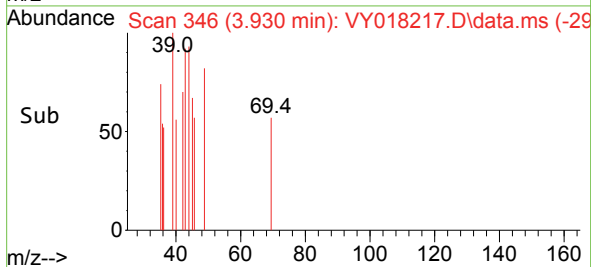
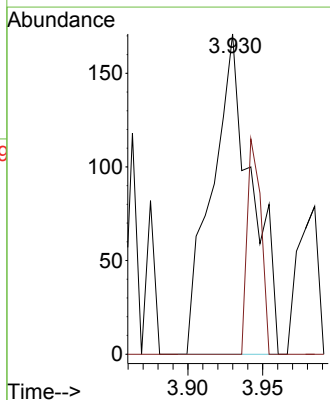
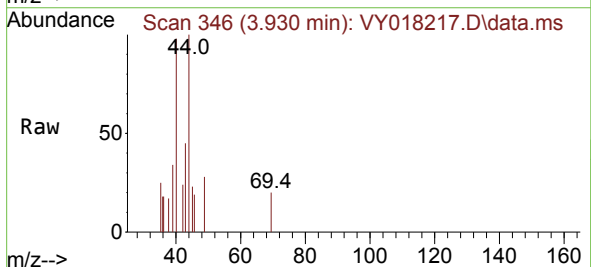


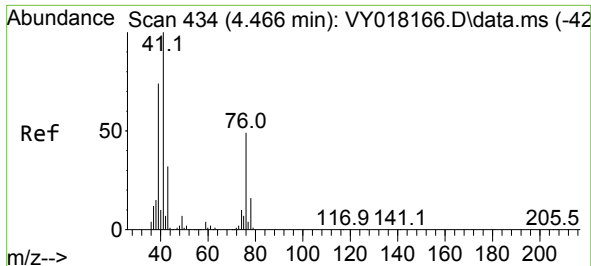
Tgt Ion: 53 Resp: 49
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 69.523 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

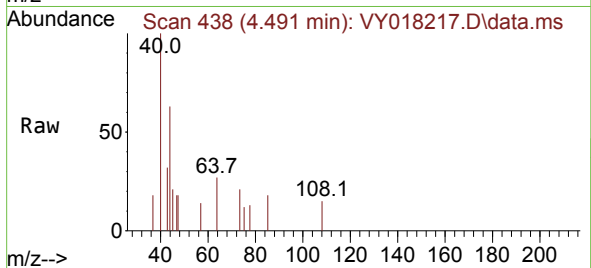
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



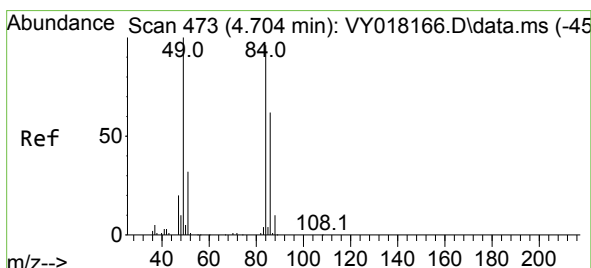
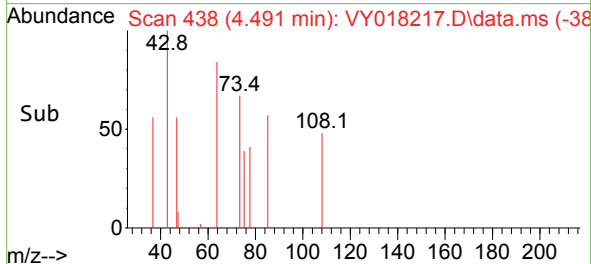
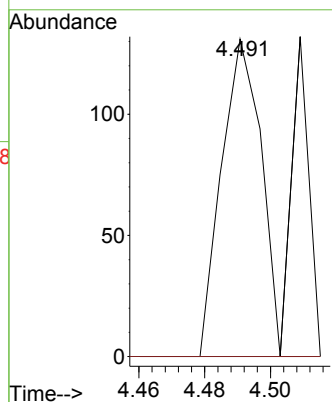


#18
Methyl Acetate
Concen: 8.496 ug/l
RT: 4.491 min Scan# 41
Delta R.T. 0.024 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

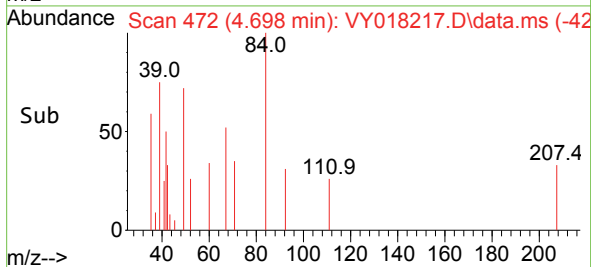
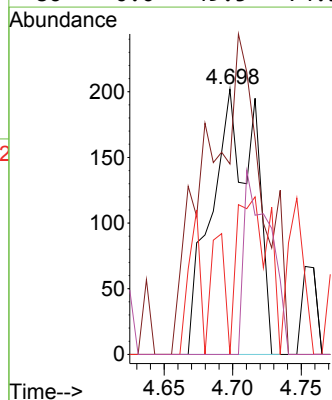
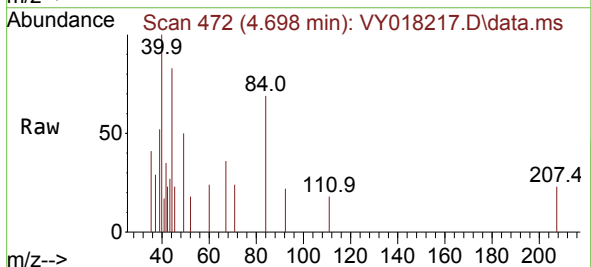


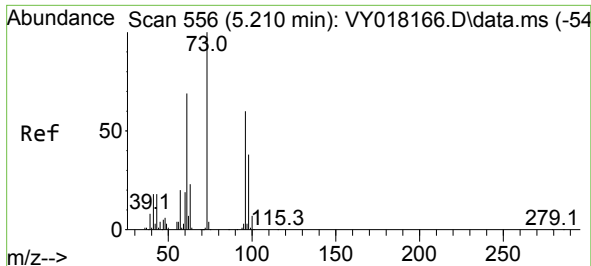
Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 13.571 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

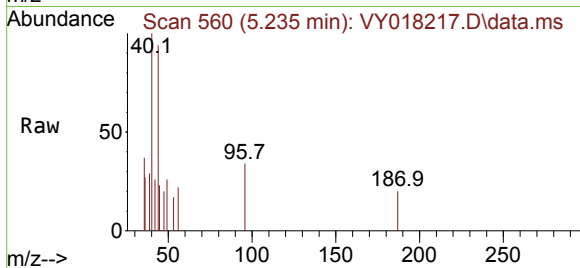
Tgt Ion: 84 Resp: 436
Ion Ratio Lower Upper
84 100
49 41.1 84.4 126.6#
51 0.0 26.0 39.0#
86 0.0 49.5 74.3#



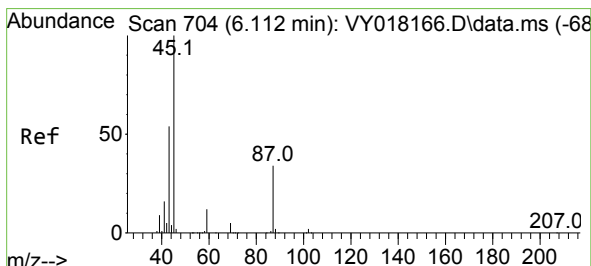
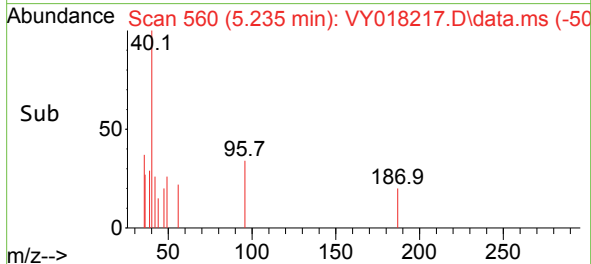
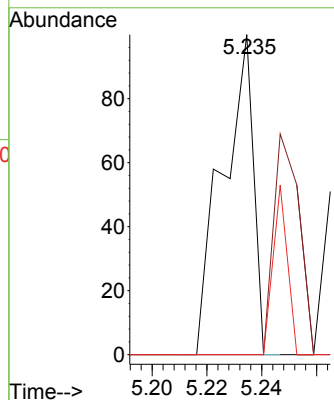


#21
trans-1,2-Dichloroethene
Concen: 2.458 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

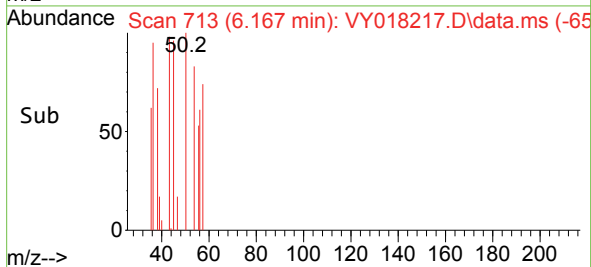
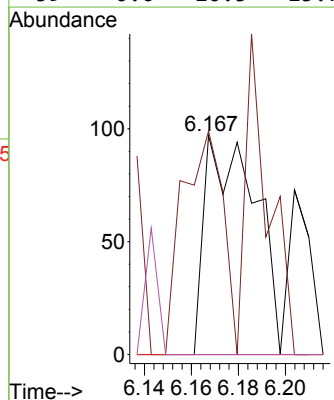
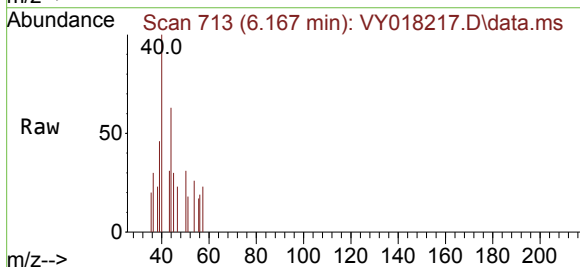


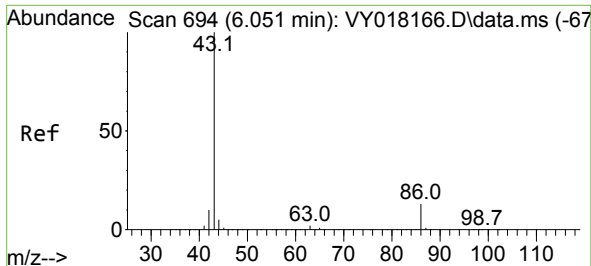
Tgt Ion: 96 Resp: 78
Ion Ratio Lower Upper
96 100
61 0.0 97.5 146.3#
98 0.0 50.5 75.7#



#22
Diisopropyl ether
Concen: 1.807 ug/l
RT: 6.167 min Scan# 713
Delta R.T. 0.055 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion: 45 Resp: 146
Ion Ratio Lower Upper
45 100
43 29.9 42.2 63.2#
87 0.0 25.0 37.6#
59 0.0 10.5 15.7#

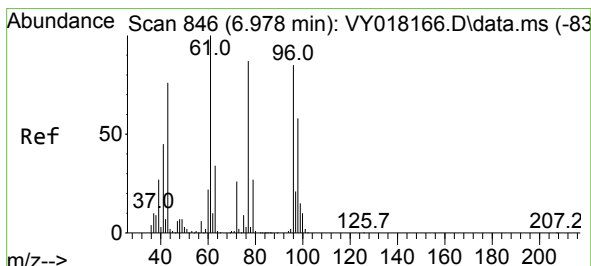
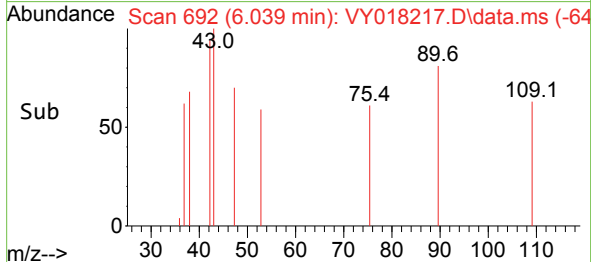
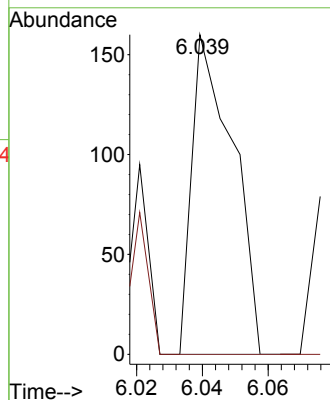
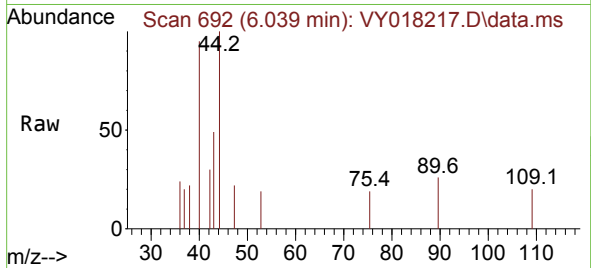




#23
 Vinyl Acetate
 Concen: 2.810 ug/l
 RT: 6.039 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY018217.D
 Acq: 09 May 2024 18:06

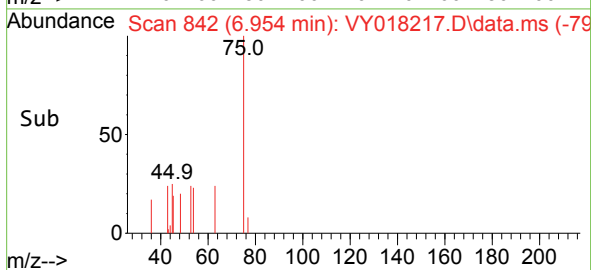
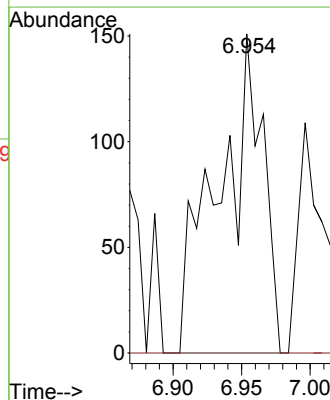
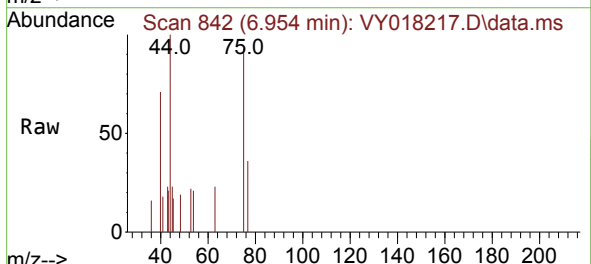
Instrument :
 MSVOA_Y
 ClientSampleId :

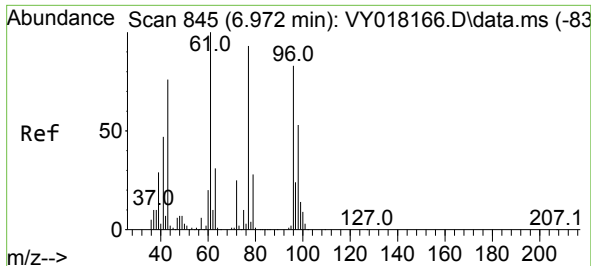
Tgt Ion: 43 Resp: 138
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#25
 2-Butanone
 Concen: 46.796 ug/l
 RT: 6.954 min Scan# 842
 Delta R.T. -0.024 min
 Lab File: VY018217.D
 Acq: 09 May 2024 18:06

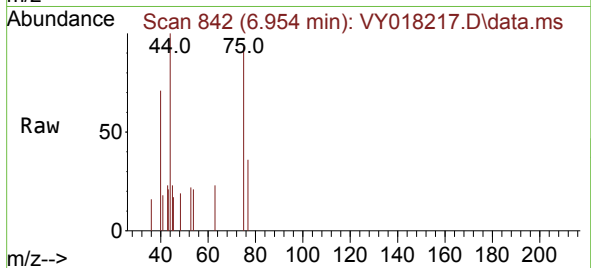
Tgt Ion: 43 Resp: 340
 Ion Ratio Lower Upper
 43 100
 72 0.0 27.3 40.9#



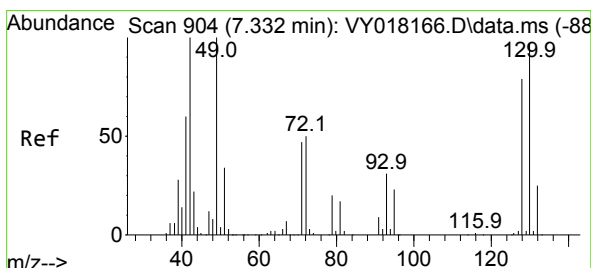
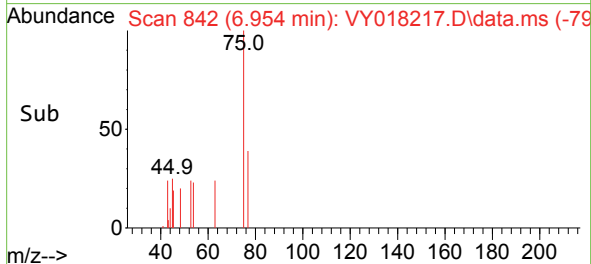
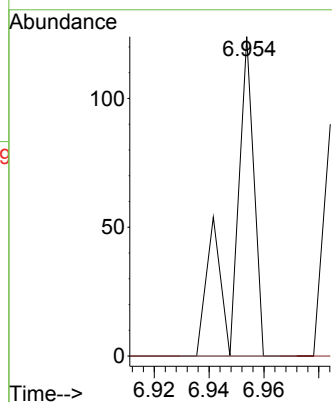


#26
2,2-Dichloropropane
Concen: 1.443 ug/l
RT: 6.954 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

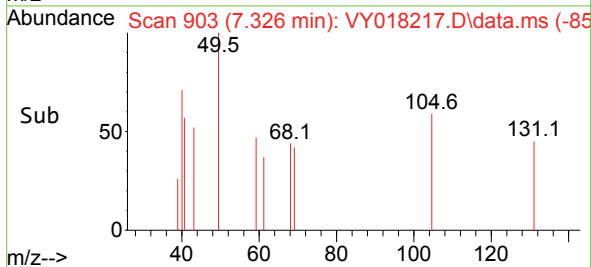
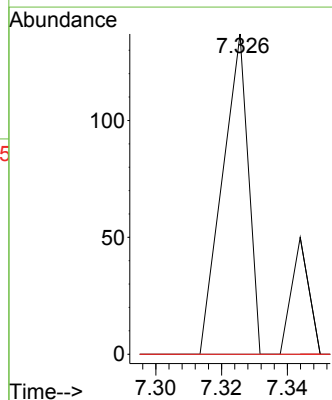
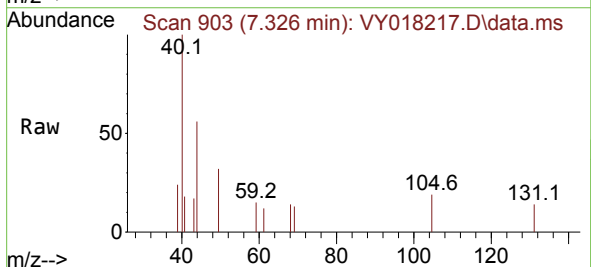


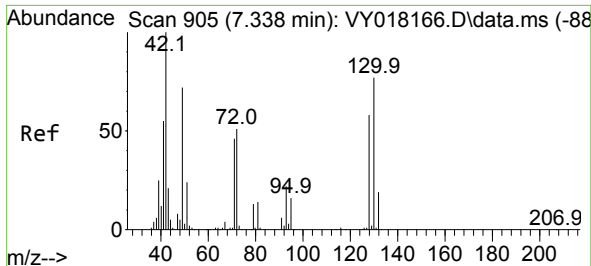
Tgt Ion: 77 Resp: 65
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#28
Bromochloromethane
Concen: 3.770 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion: 49 Resp: 75
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 9.383 ug/l

RT: 7.313 min Scan# 905

Delta R.T. -0.024 min

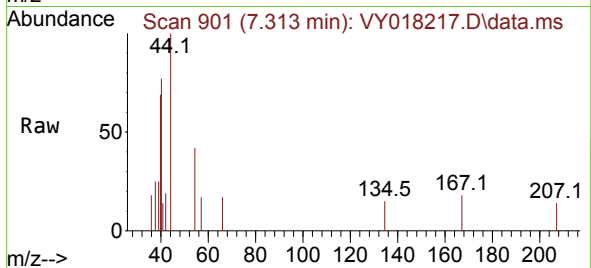
Lab File: VY018217.D

Acq: 09 May 2024 18:06

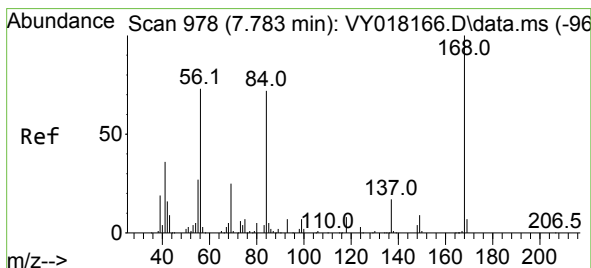
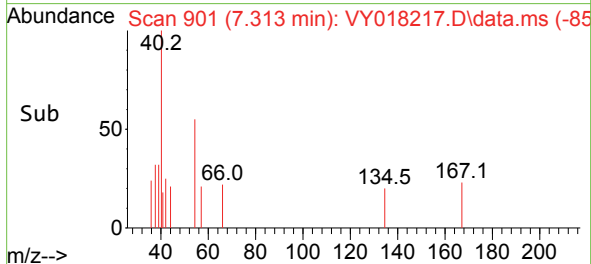
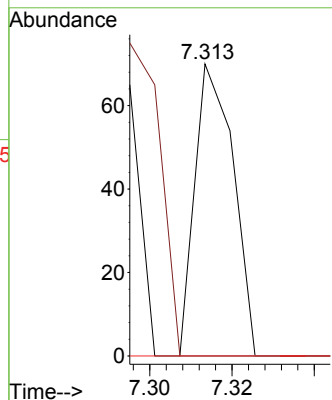
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	45
Ion Ratio	Lower	Upper	
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: Below Cal

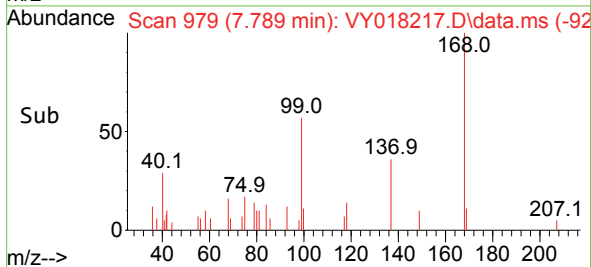
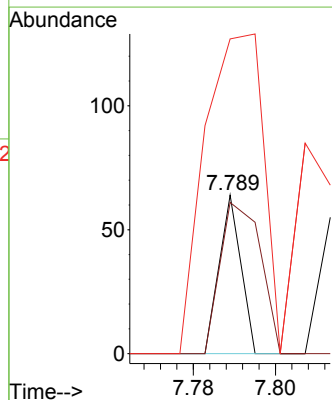
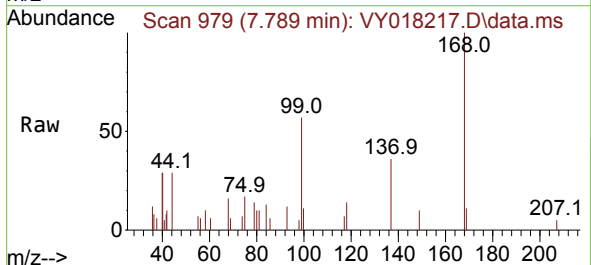
RT: 7.789 min Scan# 979

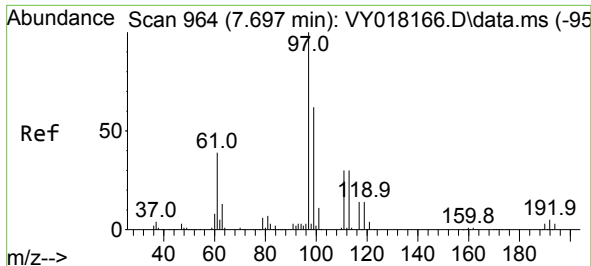
Delta R.T. 0.006 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Tgt Ion:	56	Resp:	23
Ion Ratio	Lower	Upper	
56	100		
69	95.3	28.7	43.1#
84	198.4	77.7	116.5#





#32

1,1,1-Trichloroethane

Concen: 1.138 ug/l

RT: 7.758 min Scan# 91

Delta R.T. 0.061 min

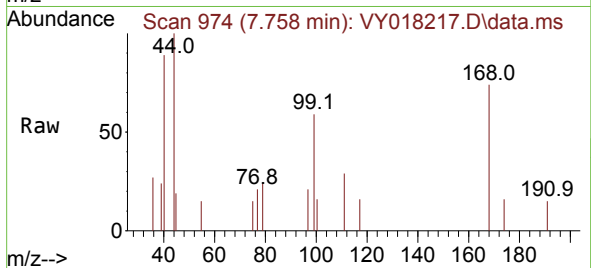
Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :



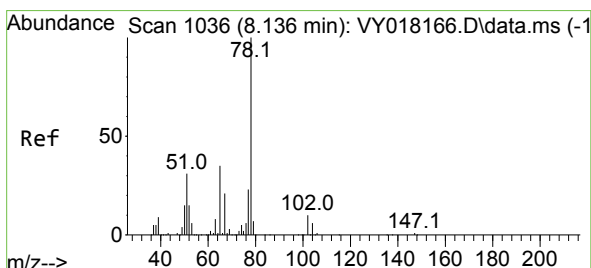
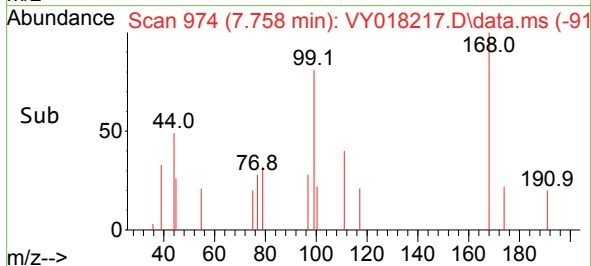
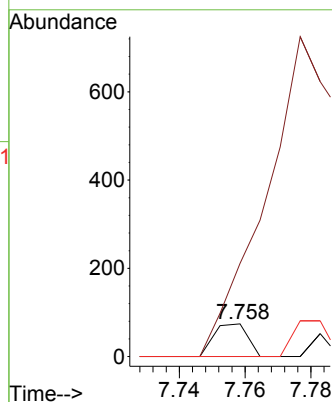
Tgt Ion: 97 Resp: 53

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: 81.356 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018217.D

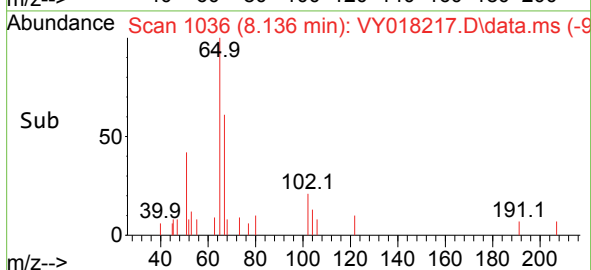
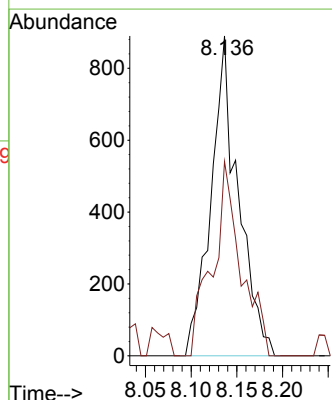
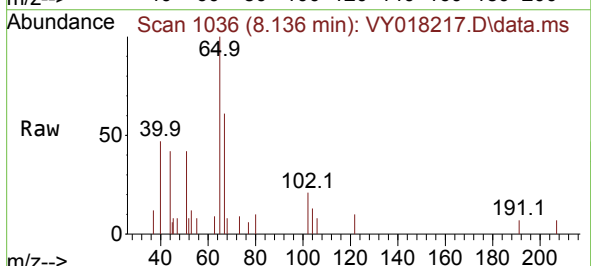
Acq: 09 May 2024 18:06

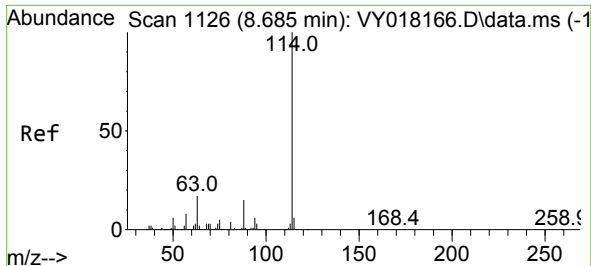
Tgt Ion: 65 Resp: 1853

Ion Ratio Lower Upper

65 100

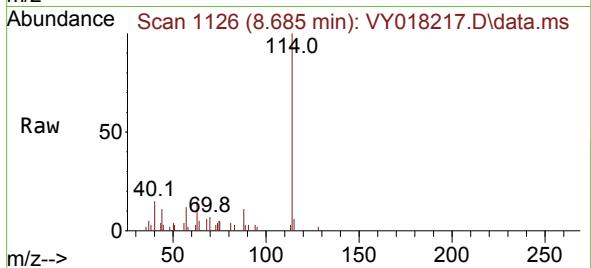
67 63.7 0.0 109.6



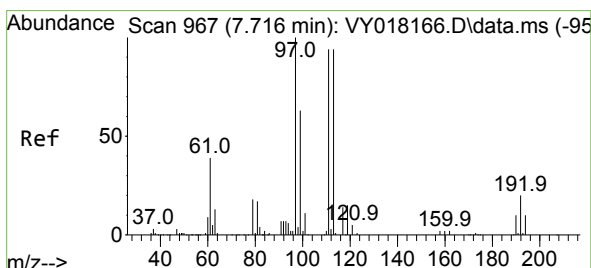
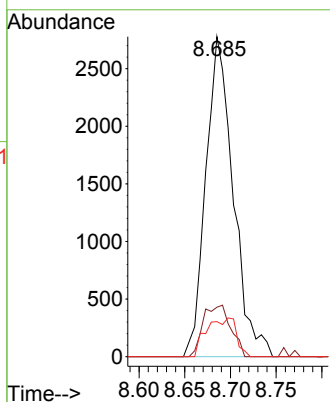
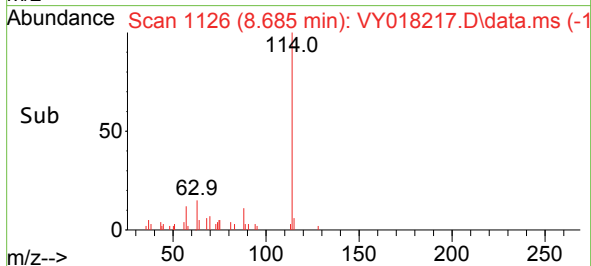


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

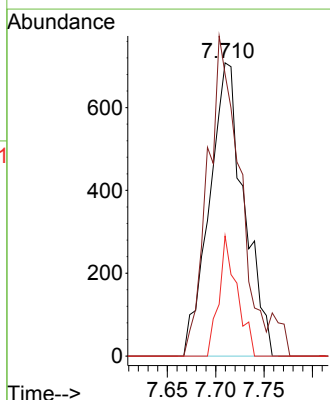
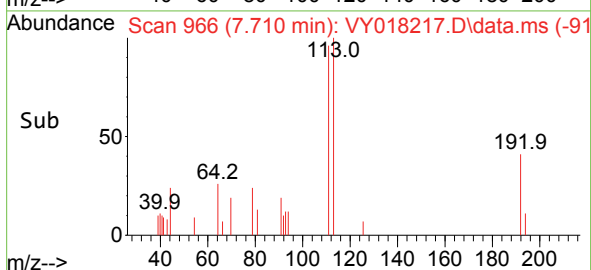
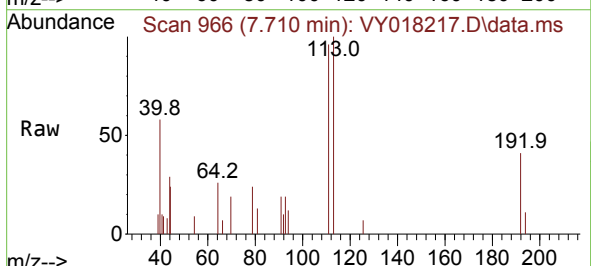


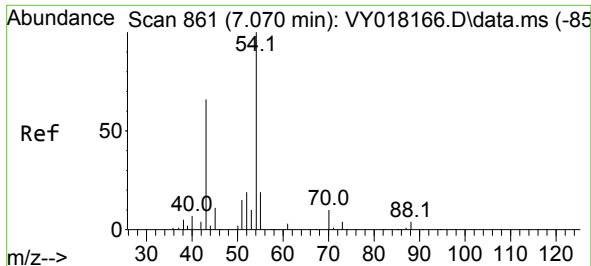
Tgt Ion:	114	Resp:	5787
Ion Ratio	Lower	Upper	
114	100		
63	15.4	0.0	35.0
88	10.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 58.034 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion:	113	Resp:	1765
Ion Ratio	Lower	Upper	
113	100		
111	100.2	82.2	123.4
192	21.4	15.9	23.9





#37

Ethyl Acetate

Concen: 5.068 ug/l

RT: 7.088 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

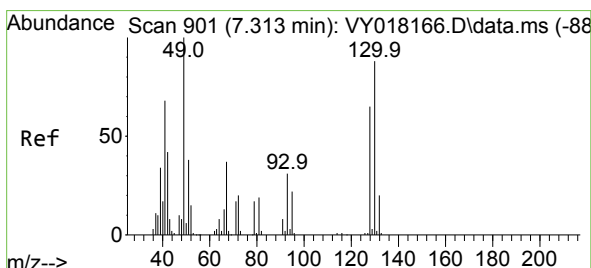
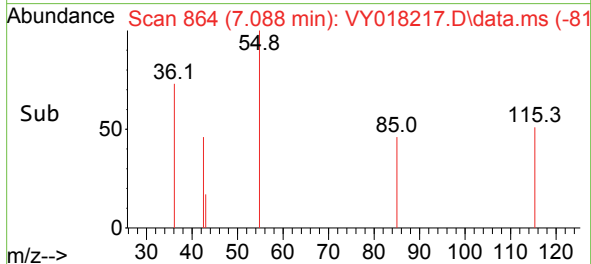
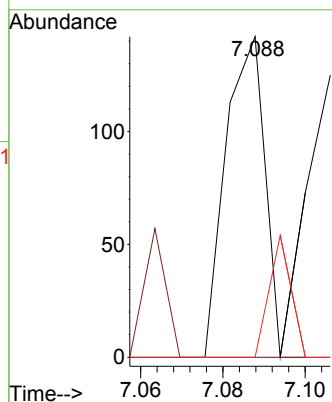
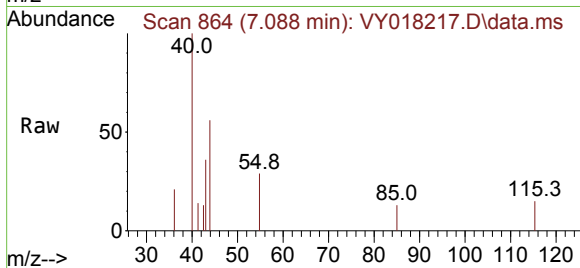
Tgt Ion: 43 Resp: 93

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 21.5 7.8 11.8#



#41

Methacrylonitrile

Concen: 4.152 ug/l

RT: 7.307 min Scan# 900

Delta R.T. -0.006 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Tgt Ion: 41 Resp: 44

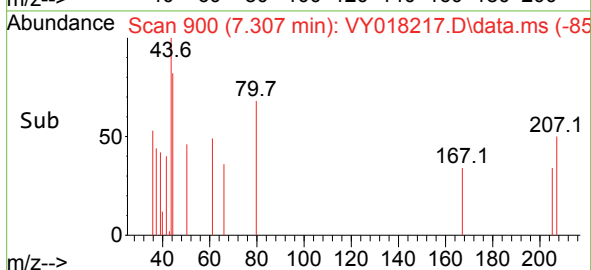
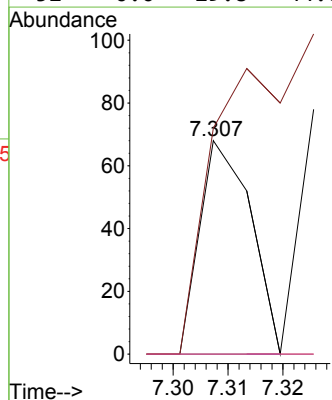
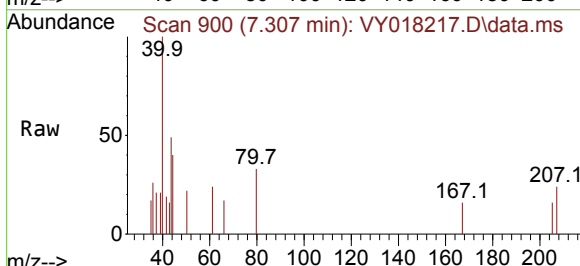
Ion Ratio Lower Upper

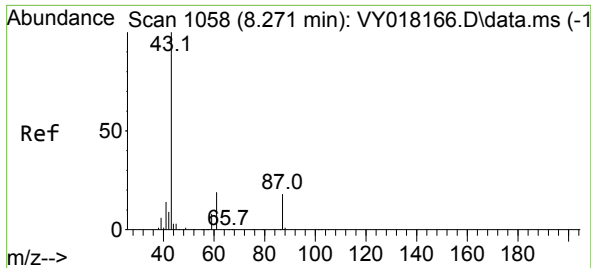
41 100

39 286.4 48.0 72.0#

67 0.0 75.1 112.7#

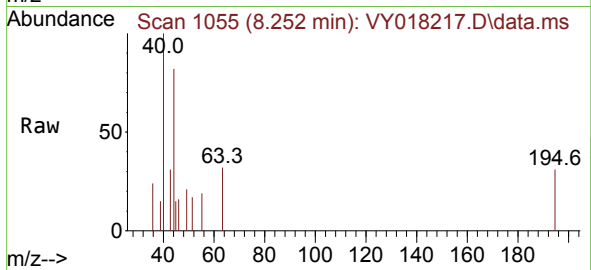
52 0.0 29.8 44.6#



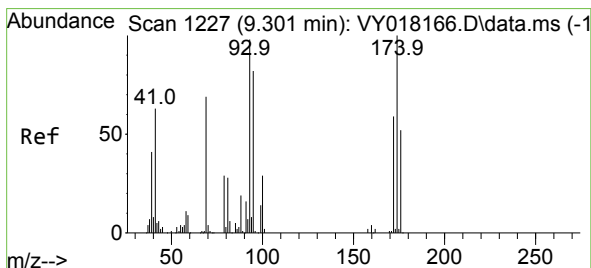
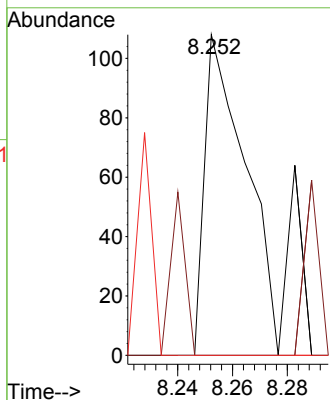
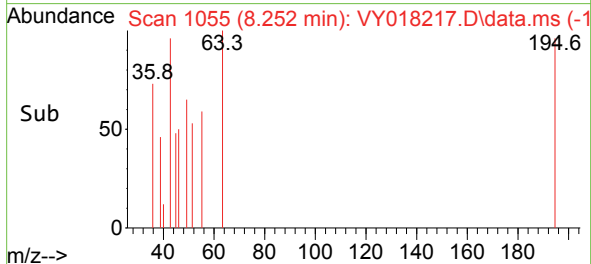


#43
Isopropyl Acetate
Concen: 3.004 ug/l
RT: 8.252 min Scan# 113
Delta R.T. -0.018 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

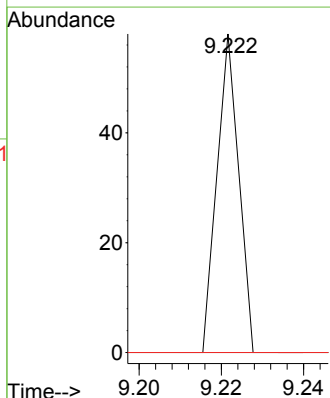
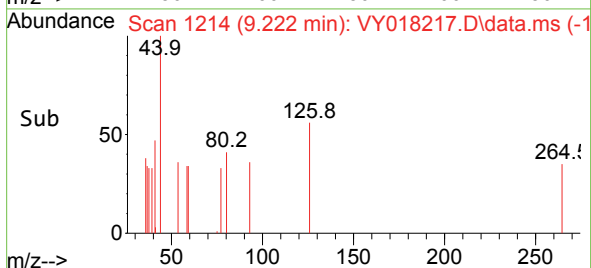
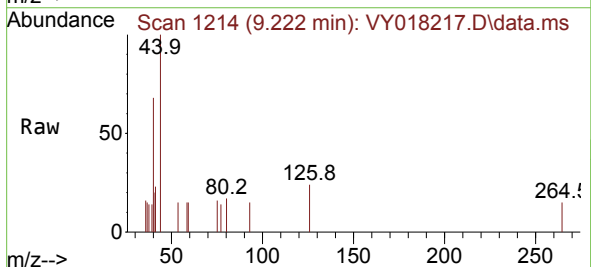


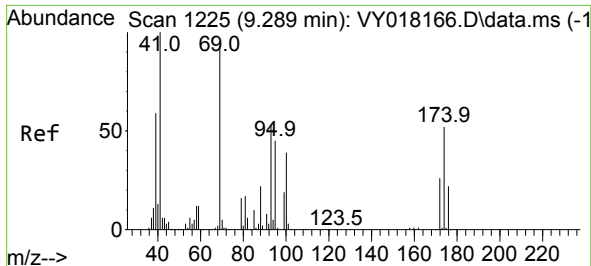
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#



#46
Dibromomethane
Concen: 1.191 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.079 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion: 93 Resp: 21
Ion Ratio Lower Upper
93 100
95 0.0 66.2 99.4#
174 0.0 80.9 121.3#





#48

Methyl methacrylate

Concen: 4.467 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

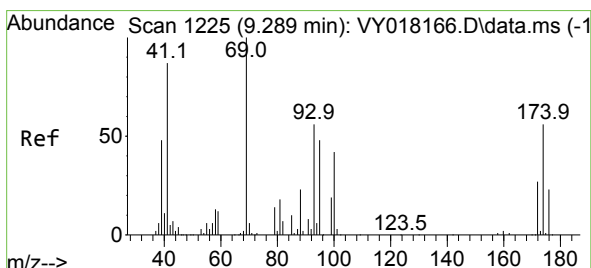
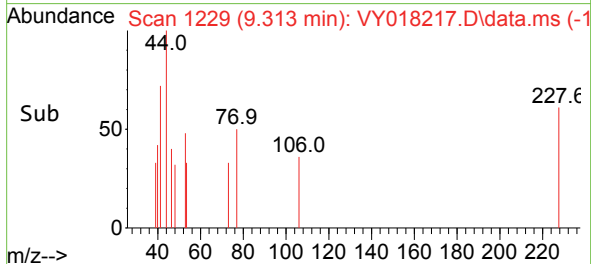
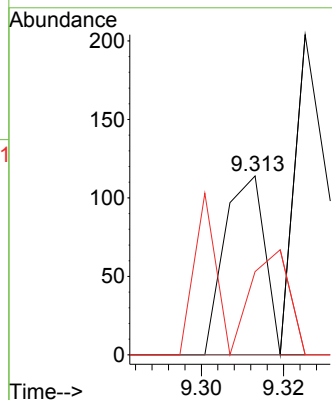
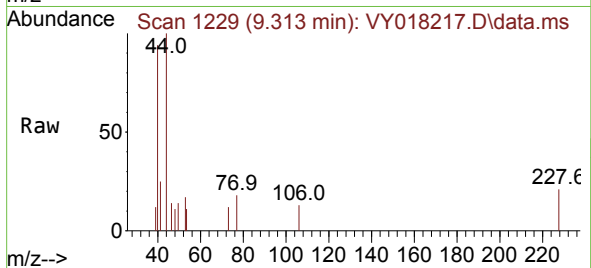
Tgt Ion: 41 Resp: 77

Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 49.4 43.6 65.4



#49

1,4-Dioxane

Concen: 98.304 ug/l

RT: 9.356 min Scan# 1236

Delta R.T. 0.067 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

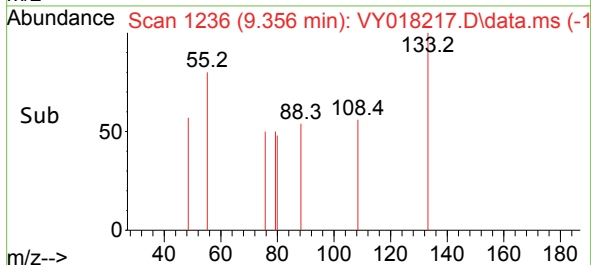
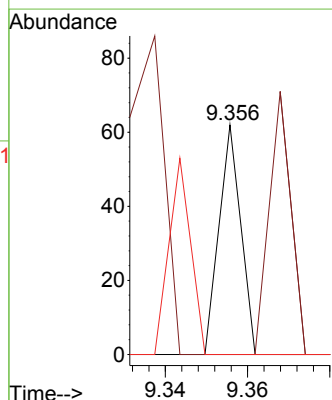
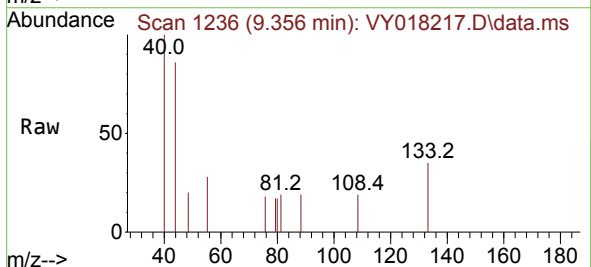
Tgt Ion: 88 Resp: 23

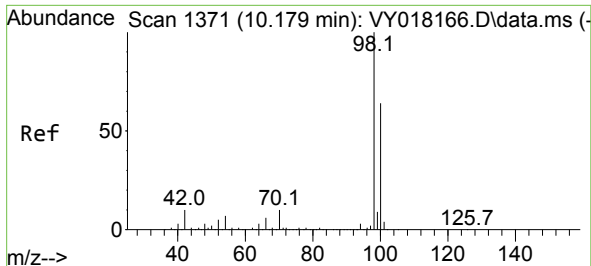
Ion Ratio Lower Upper

88 100

43 113.0 0.0 0.0#

58 0.0 49.3 73.9#

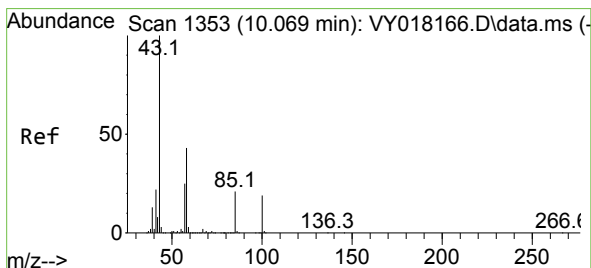
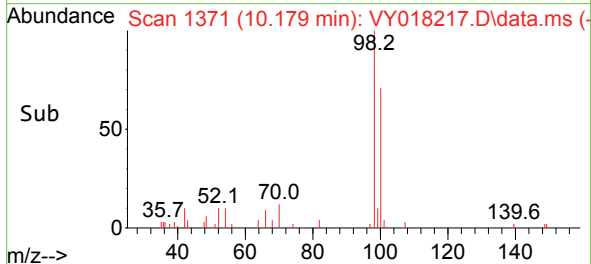
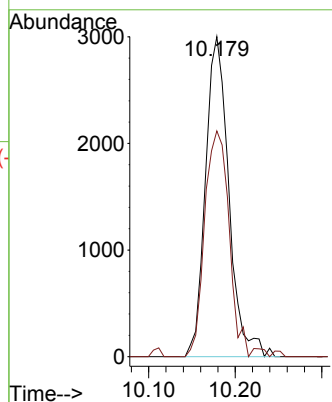
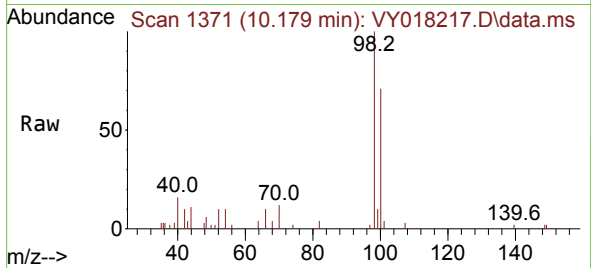




#50
Toluene-d8
Concen: 46.893 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

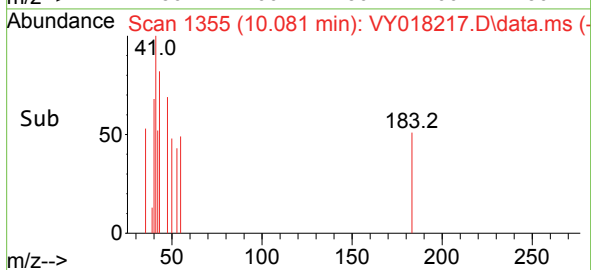
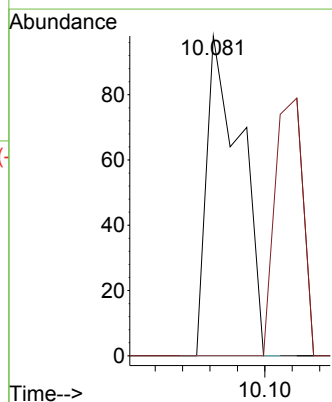
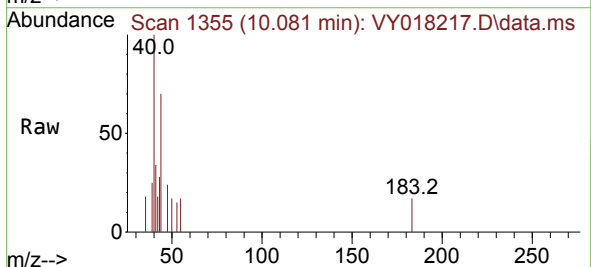
Instrument :
MSVOA_Y
ClientSampleId :

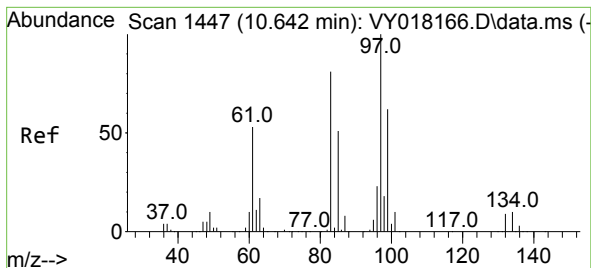
Tgt Ion: 98 Resp: 5620
Ion Ratio Lower Upper
98 100
100 74.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 4.496 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.012 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 2.065 ug/l

RT: 10.734 min Scan# 1447

Delta R.T. 0.091 min

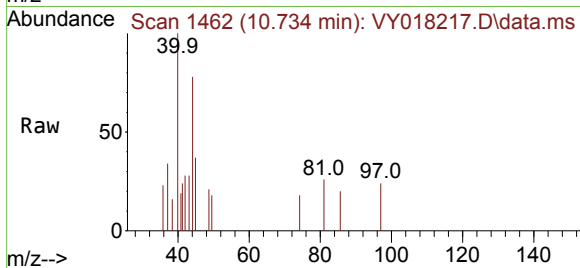
Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 50

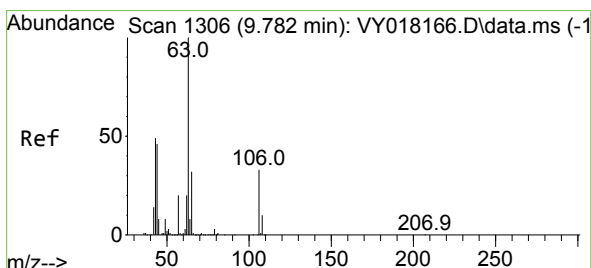
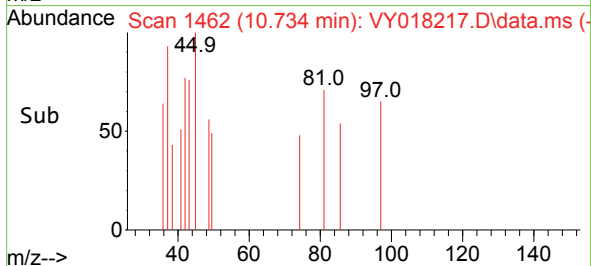
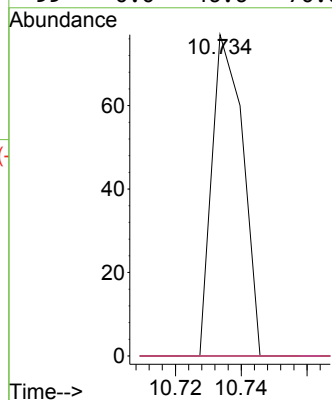
Ion Ratio Lower Upper

97 100

83 0.0 67.5 101.3#

85 83.1 42.9 64.3#

99 0.0 46.6 70.0#



#58

2-Chloroethyl Vinyl ether

Concen: 3.439 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY018217.D

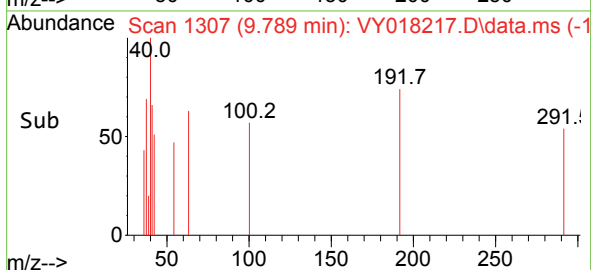
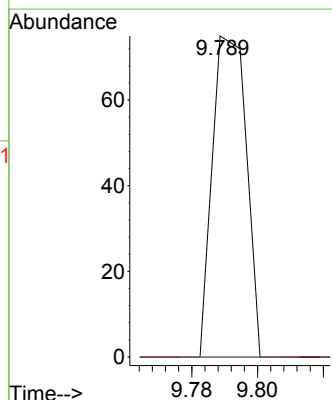
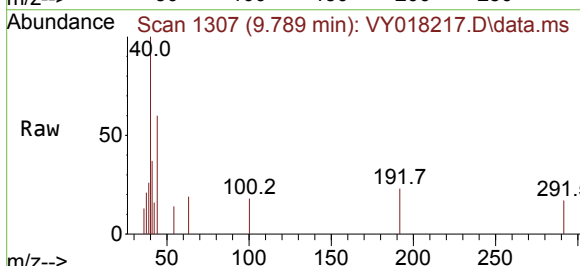
Acq: 09 May 2024 18:06

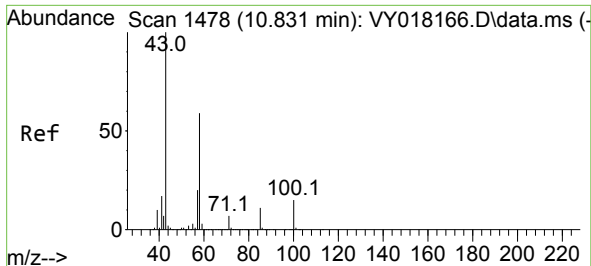
Tgt Ion: 63 Resp: 54

Ion Ratio Lower Upper

63 100

106 0.0 23.7 35.5#





#59

2-Hexanone

Concen: 5.523 ug/l

RT: 11.008 min Scan# 11

Delta R.T. 0.177 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

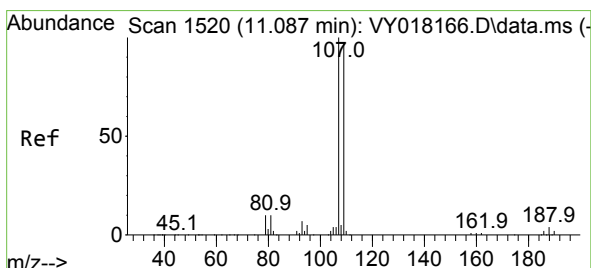
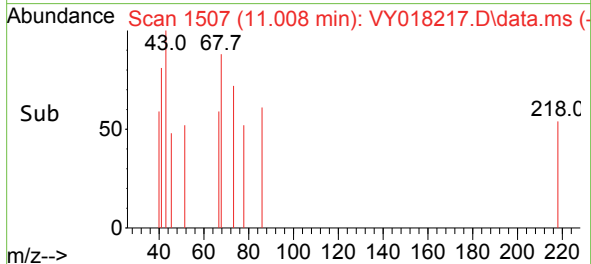
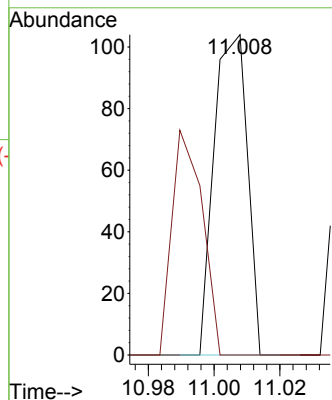
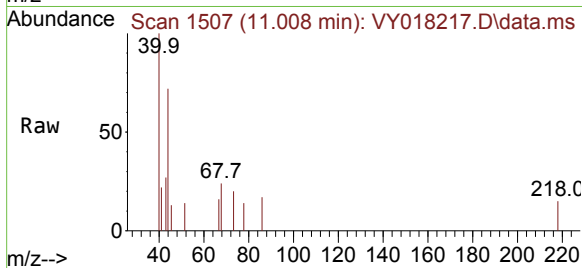
ClientSampleId :

Tgt Ion: 43 Resp: 73

Ion Ratio Lower Upper

43 100

58 64.4 31.4 94.0



#61

1,2-Dibromoethane

Concen: 1.096 ug/l

RT: 11.038 min Scan# 1512

Delta R.T. -0.049 min

Lab File: VY018217.D

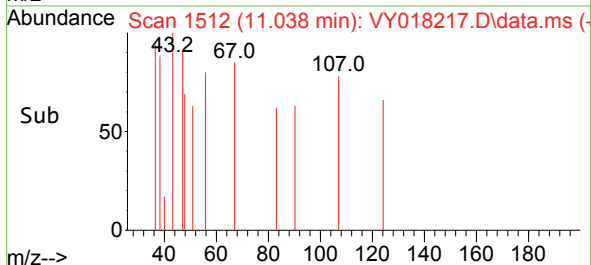
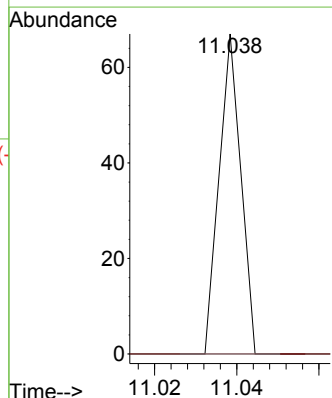
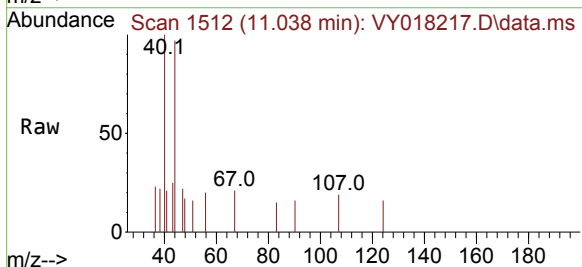
Acq: 09 May 2024 18:06

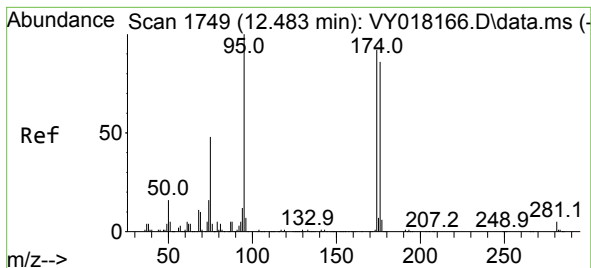
Tgt Ion: 107 Resp: 25

Ion Ratio Lower Upper

107 100

109 0.0 75.9 113.9#





#62

4-Bromofluorobenzene

Concen: 32.064 ug/l

RT: 12.495 min Scan# 1

Delta R.T. 0.012 min

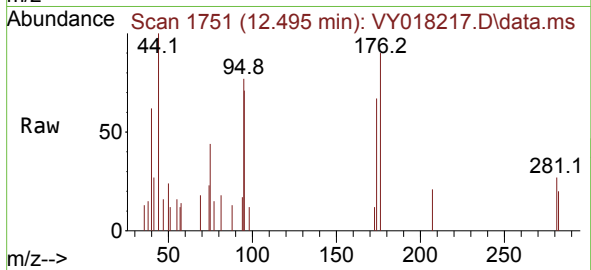
Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :



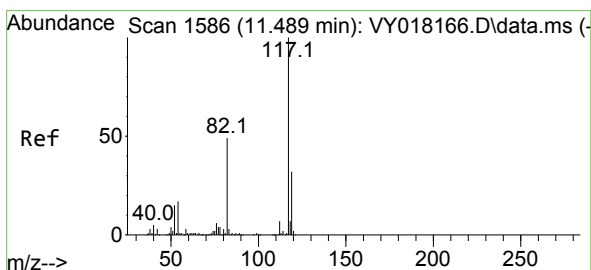
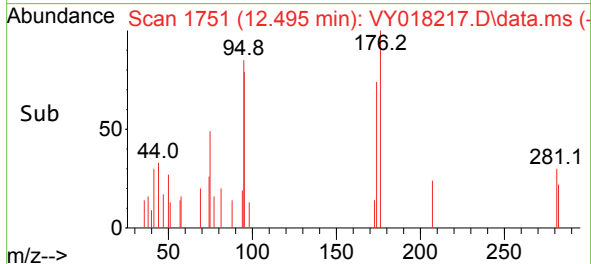
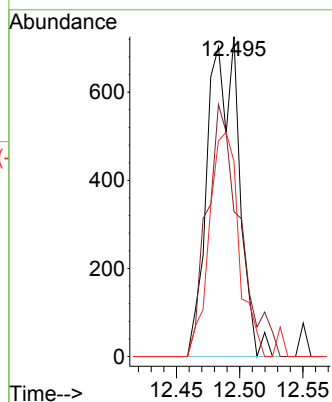
Tgt Ion: 95 Resp: 1241

Ion Ratio Lower Upper

95 100

174 83.0 0.0 175.6

176 66.9 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

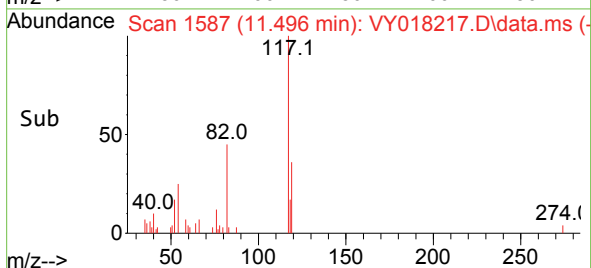
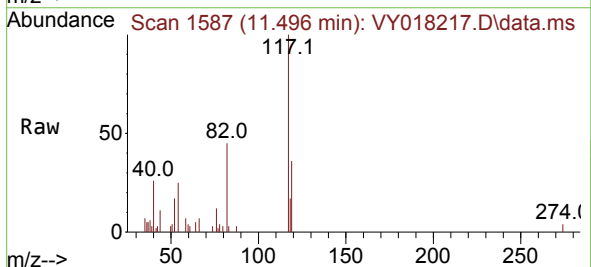
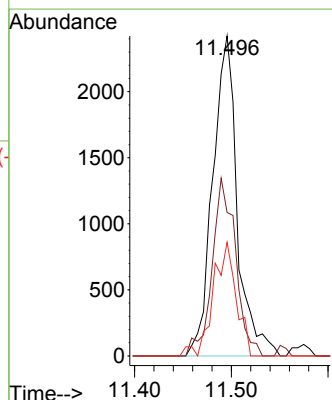
Tgt Ion: 117 Resp: 4265

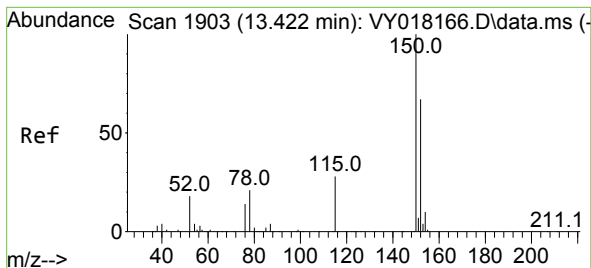
Ion Ratio Lower Upper

117 100

82 44.8 42.4 63.6

119 35.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

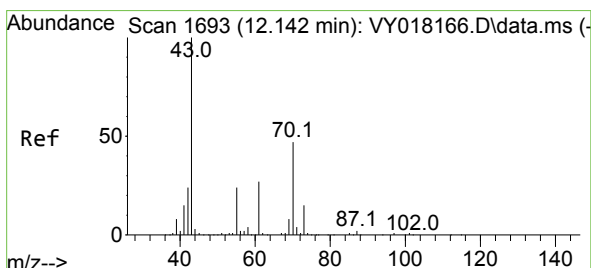
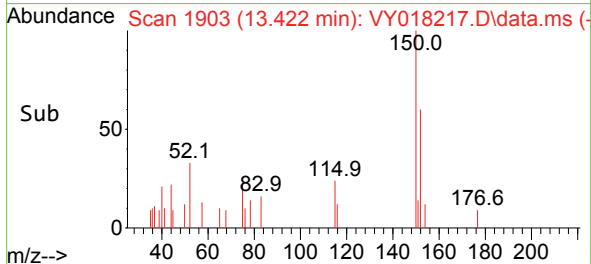
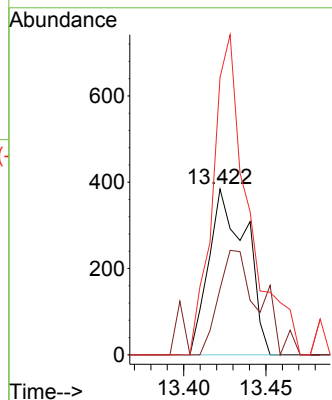
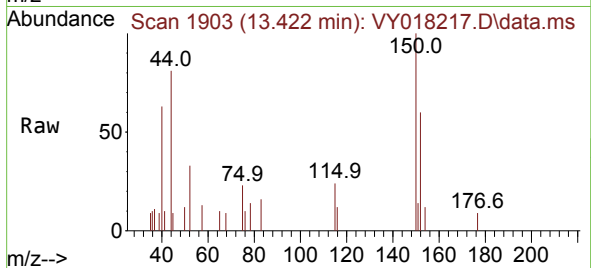
Tgt Ion:152 Resp: 607

Ion Ratio Lower Upper

152 100

115 68.2 28.2 84.7

150 185.2 0.0 345.6



#74

N-ethyl acetate

Concen: 8.997 ug/l

RT: 12.111 min Scan# 1688

Delta R.T. -0.030 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Tgt Ion: 43 Resp: 85

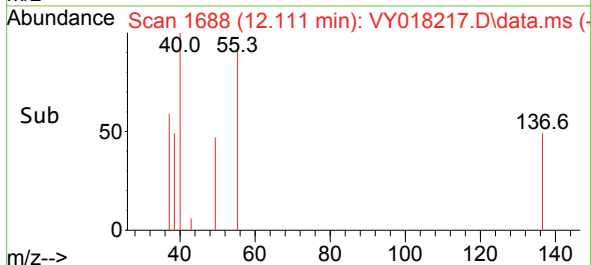
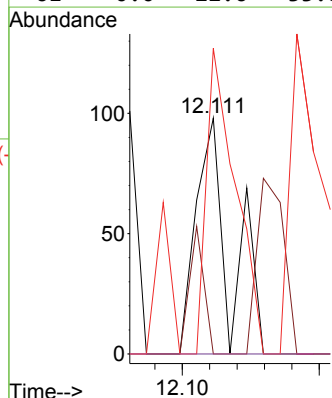
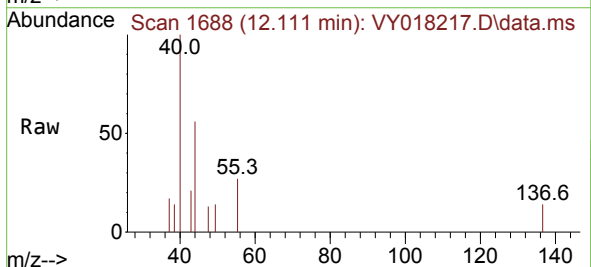
Ion Ratio Lower Upper

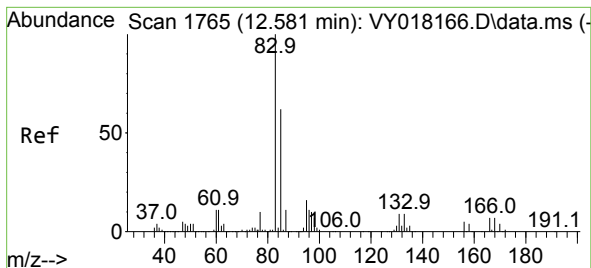
43 100

70 22.4 41.4 62.2#

55 110.6 23.3 34.9#

61 0.0 22.6 33.8#

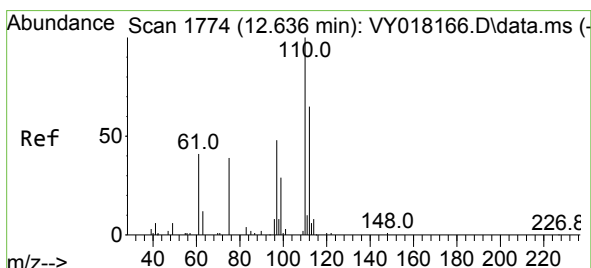
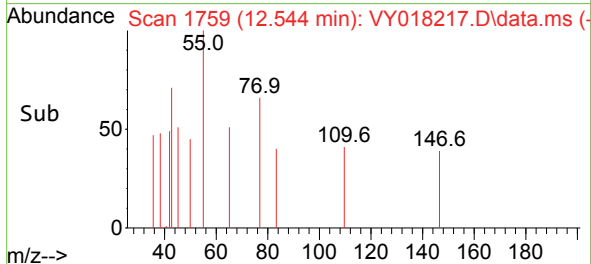
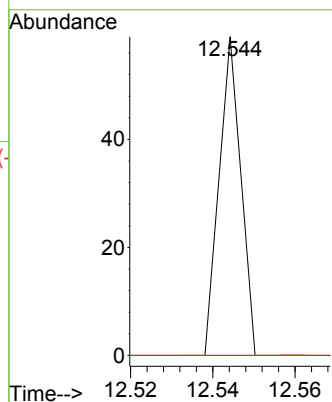
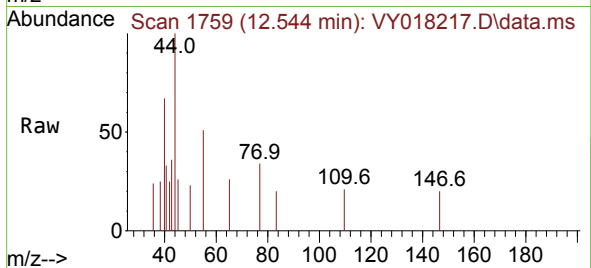




#75
1,1,2,2-Tetrachloroethane
Concen: 3.030 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.037 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

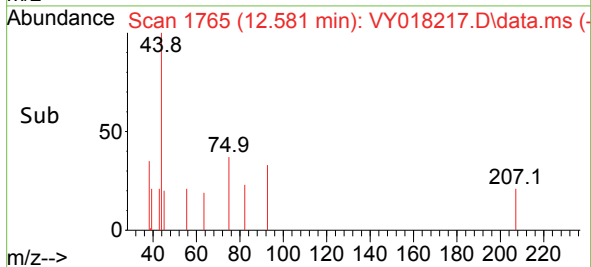
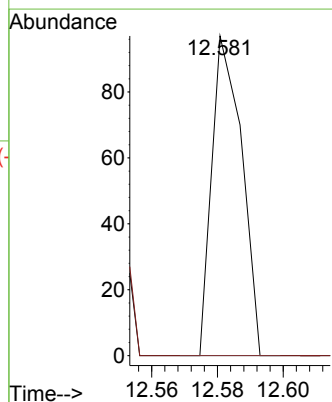
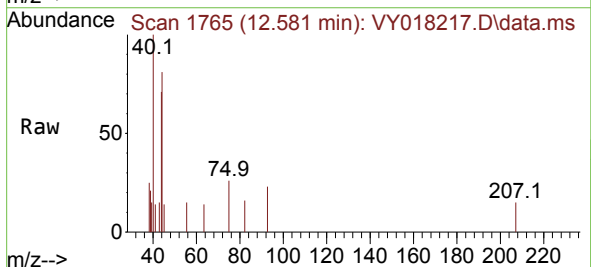
Instrument :
MSVOA_Y
ClientSampleId :

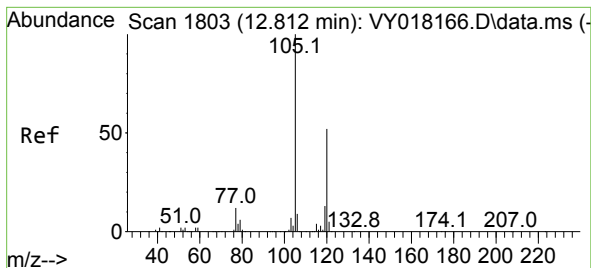
Tgt Ion: 83 Resp: 22
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 12.555 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.055 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#80

1,3,5-Trimethylbenzene

Concen: 1.226 ug/l

RT: 12.819 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

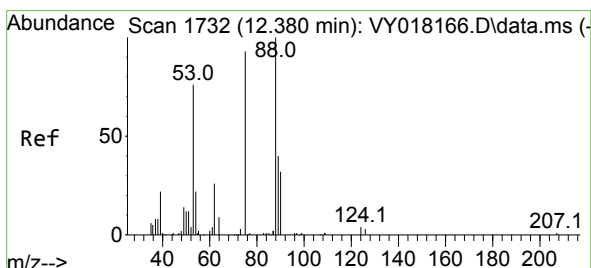
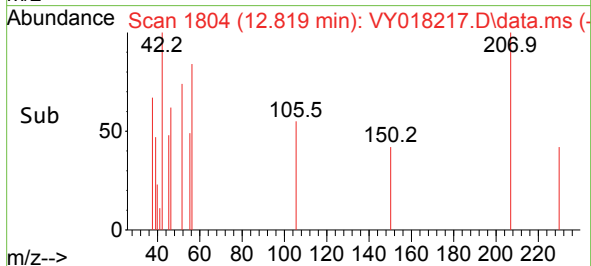
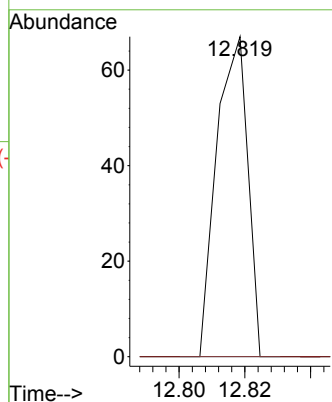
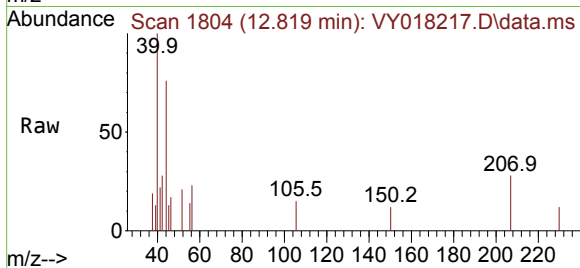
ClientSampleId :

Tgt Ion:105 Resp: 44

Ion Ratio Lower Upper

105 100

120 0.0 25.1 75.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 8.327 ug/l

RT: 12.392 min Scan# 1734

Delta R.T. 0.012 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

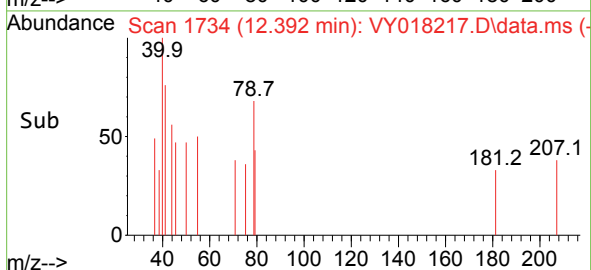
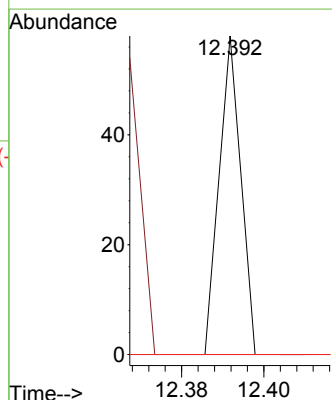
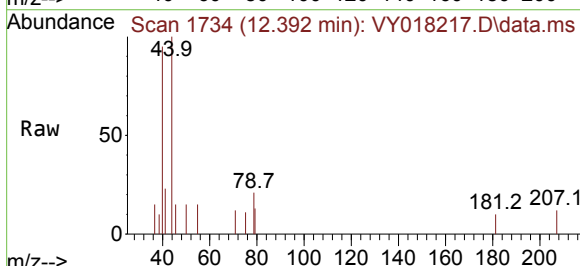
Tgt Ion: 75 Resp: 21

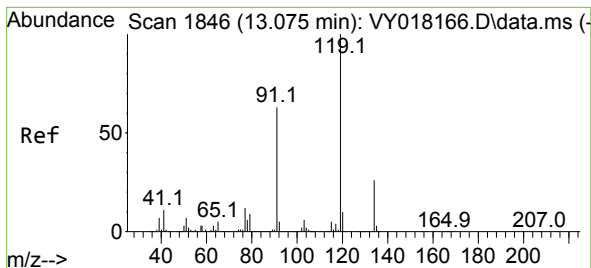
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#





#83

tert-Butylbenzene

Concen: 2.145 ug/l

RT: 13.172 min Scan# 1862

Delta R.T. 0.098 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

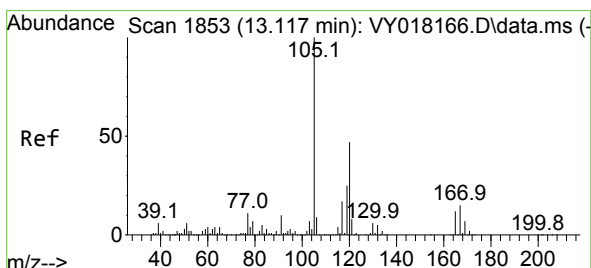
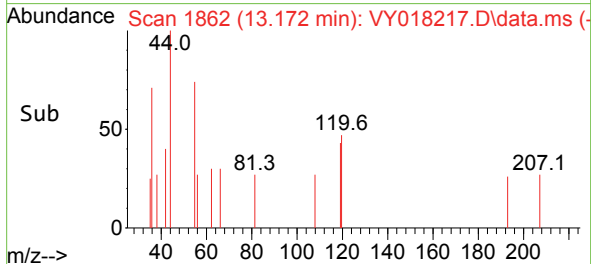
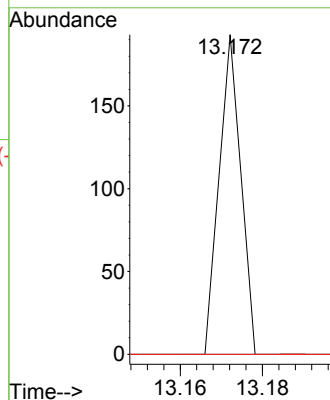
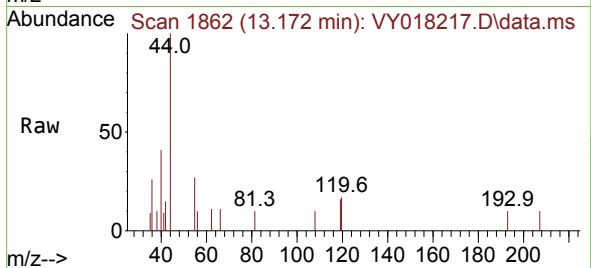
Tgt Ion:119 Resp: 71

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: 1.053 ug/l

RT: 13.154 min Scan# 1859

Delta R.T. 0.037 min

Lab File: VY018217.D

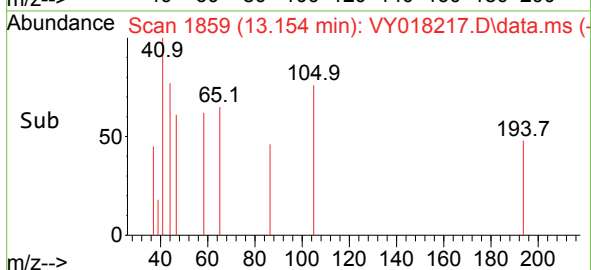
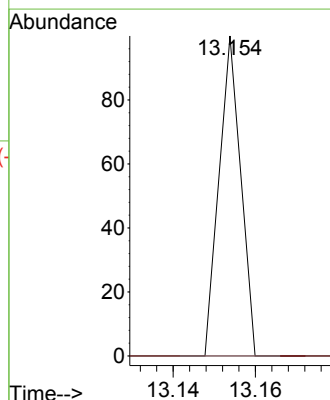
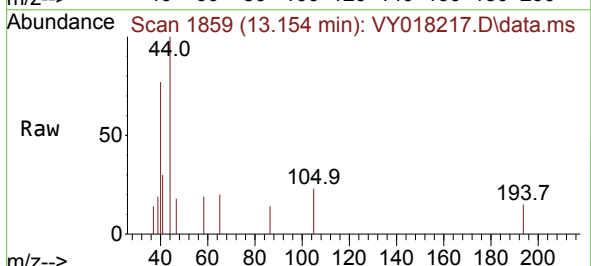
Acq: 09 May 2024 18:06

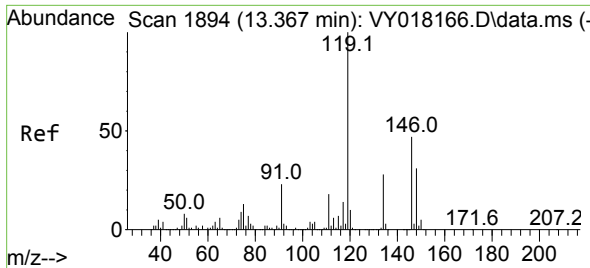
Tgt Ion:105 Resp: 37

Ion Ratio Lower Upper

105 100

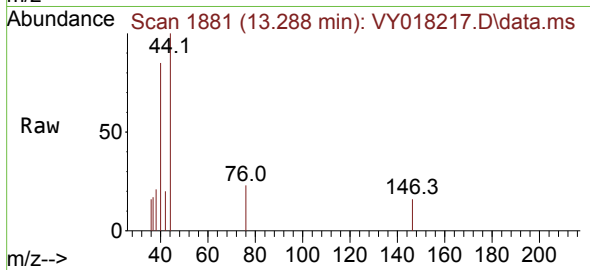
120 0.0 23.2 69.6#



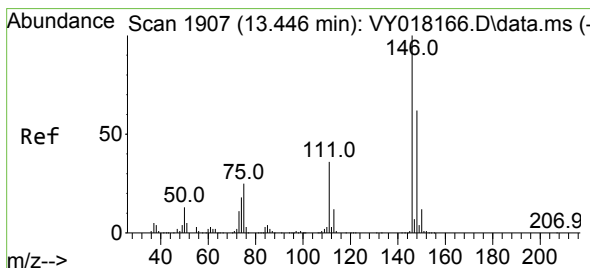
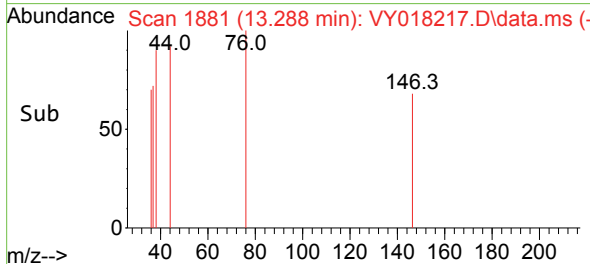
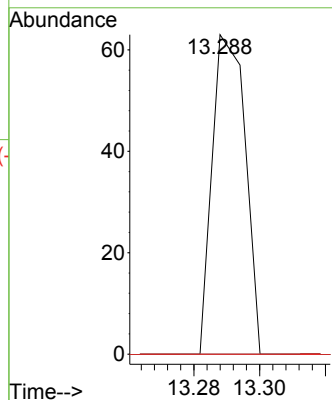


#87
 1,3-Dichlorobenzene
 Concen: 2.179 ug/l
 RT: 13.288 min Scan# 1881
 Delta R.T. -0.079 min
 Lab File: VY018217.D
 Acq: 09 May 2024 18:06

Instrument :
 MSVOA_Y
 ClientSampleId :

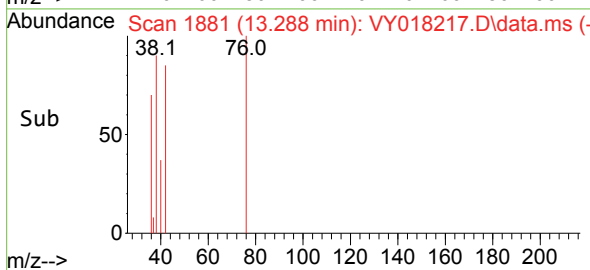
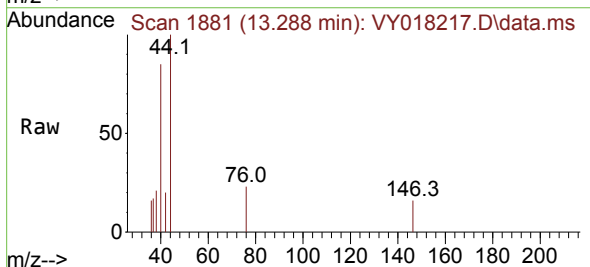
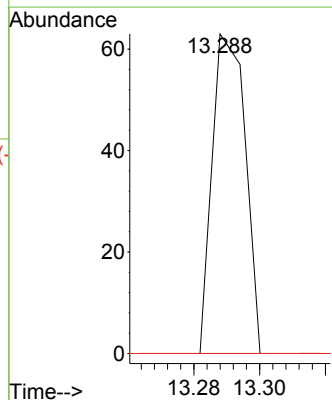


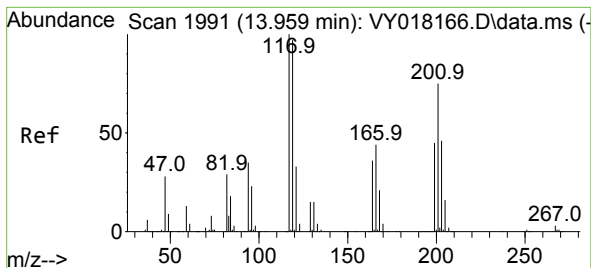
Tgt Ion:146 Resp: 44
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.0 57.0#
 148 0.0 31.7 95.1#



#88
 1,4-Dichlorobenzene
 Concen: 2.235 ug/l
 RT: 13.288 min Scan# 1881
 Delta R.T. -0.158 min
 Lab File: VY018217.D
 Acq: 09 May 2024 18:06

Tgt Ion:146 Resp: 44
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.4 55.4#
 148 0.0 32.4 97.2#





#90

Hexachloroethane

Concen: 5.870 ug/l

RT: 14.007 min Scan# 1999

Delta R.T. 0.049 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

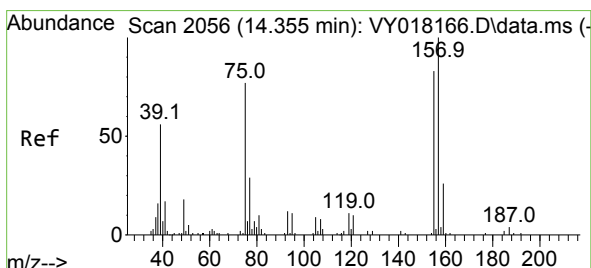
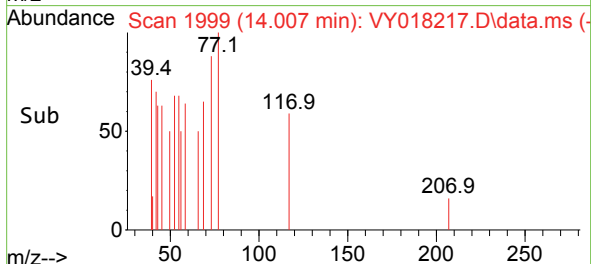
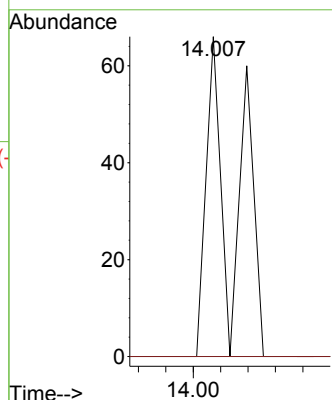
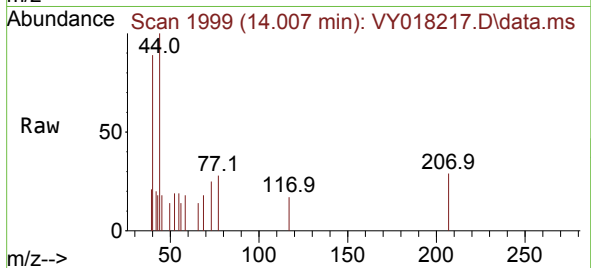
ClientSampleId :

Tgt Ion:117 Resp: 46

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.475 ug/l

RT: 14.196 min Scan# 2030

Delta R.T. -0.158 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

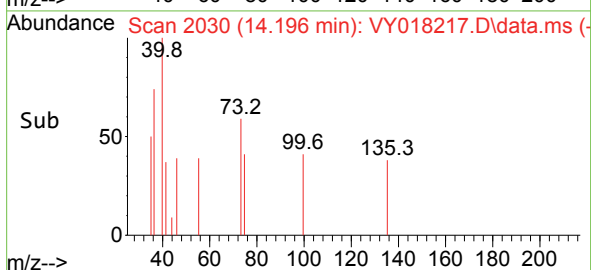
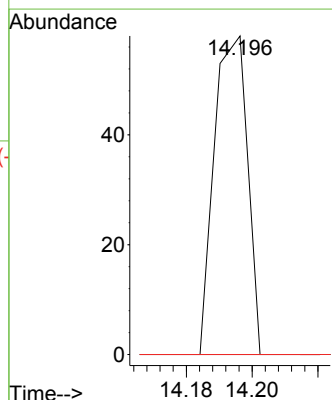
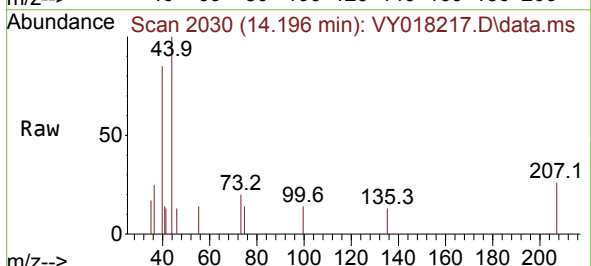
Tgt Ion: 75 Resp: 41

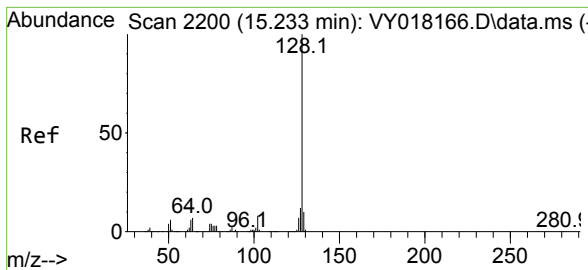
Ion Ratio Lower Upper

75 100

155 0.0 48.6 145.8#

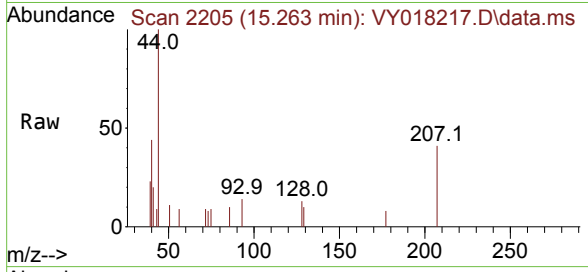
157 0.0 62.7 188.2#





#95
Naphthalene
Concen: 3.188 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.030 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 57
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 84.2 8.6 13.0#

