

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018193.D
 Acq On : 08 May 2024 17:11
 Operator : SY/MD
 Sample : P2414-01
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:28:50 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)

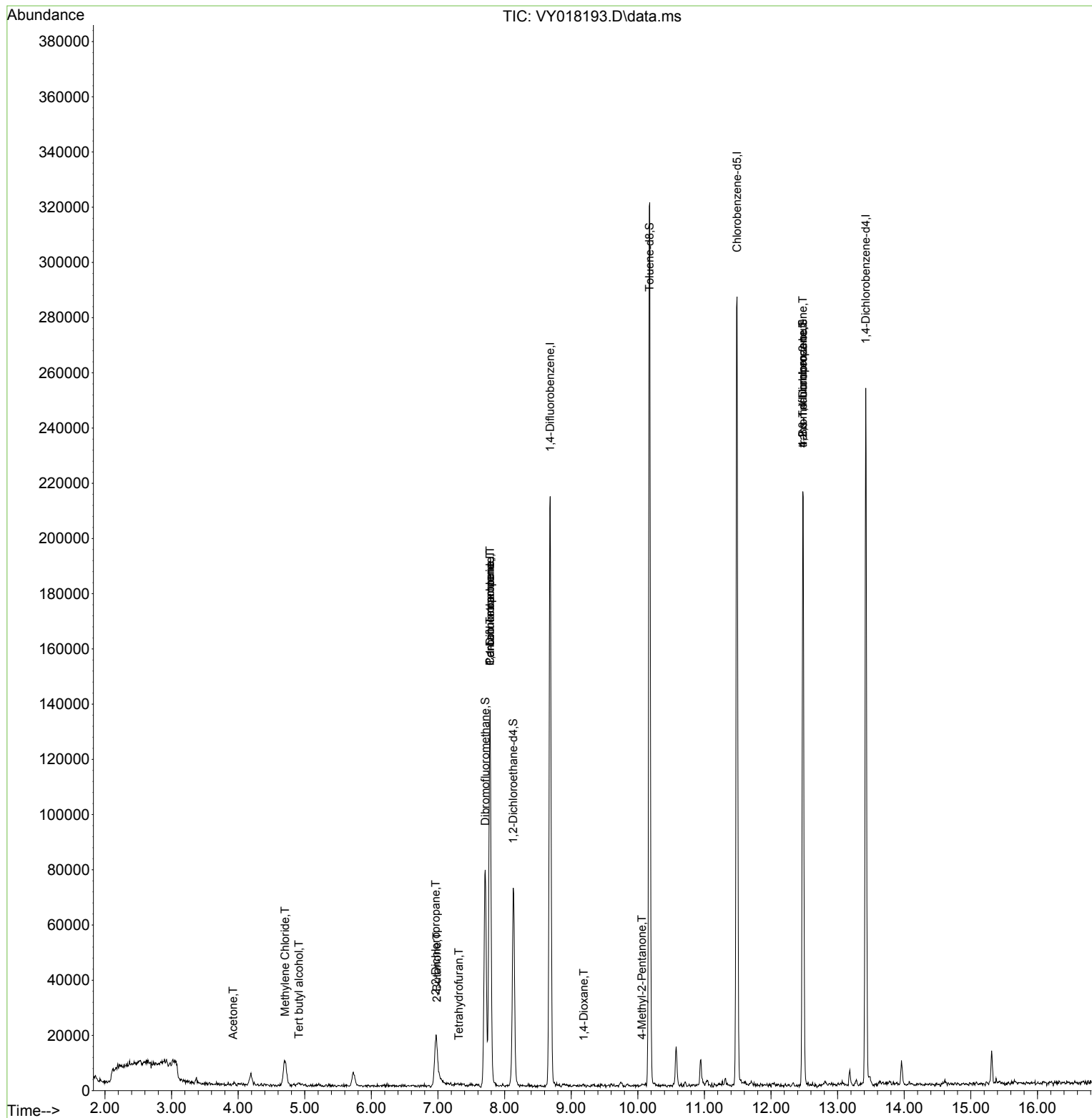
Internal Standards						
1) Pentafluorobenzene	7.783	168	109491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	198845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51843	64.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.720%	
35) Dibromofluoromethane	7.710	113	56658	54.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.440%	
50) Toluene-d8	10.179	98	219115	53.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.420%	
62) 4-Bromofluorobenzene	12.477	95	67845	51.016	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	1269	6.388	ug/l #	92
13) Acrolein	3.686	56	158	Below Cal	#	80
16) Acetone	3.924	43	1846	11.484	ug/l	98
20) Methylene Chloride	4.704	84	7622	6.709	ug/l	95
25) 2-Butanone	6.984	43	678	2.639	ug/l #	41
26) 2,2-Dichloropropane	6.966	77	1889	1.186	ug/l #	51
29) Tetrahydrofuran	7.313	42	261	1.539	ug/l #	26
31) Cyclohexane	7.777	56	2438	Below Cal	#	15
36) 1,1-Dichloropropene	7.783	75	8659	5.780	ug/l #	49
38) Carbon Tetrachloride	7.783	117	10552	6.446	ug/l #	16
49) 1,4-Dioxane	9.191	88	33	4.105	ug/l #	1
51) 4-Methyl-2-Pentanone	10.063	43	667	1.027	ug/l	88
76) 1,2,3-Trichloropropane	12.477	75	33792	64.493	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33792	124.256	ug/l #	16

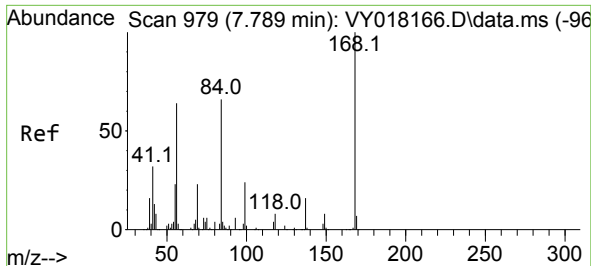
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
Data File : VY018193.D
Acq On : 08 May 2024 17:11
Operator : SY/MD
Sample : P2414-01
Misc : 4.74g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 09 02:28:50 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

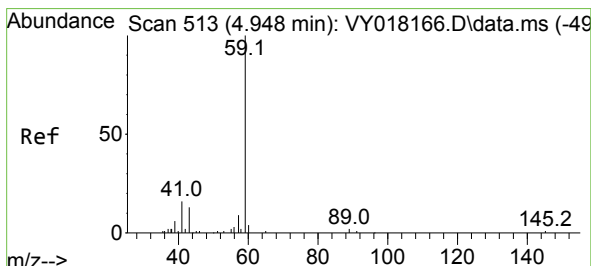
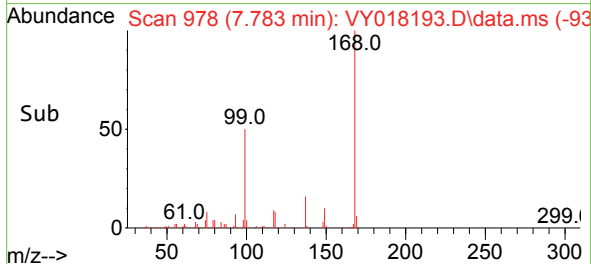
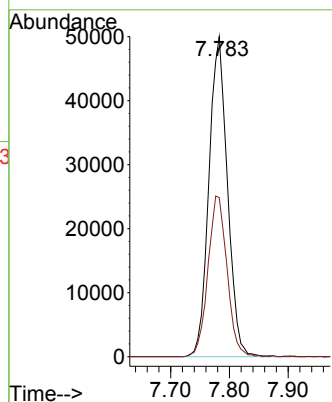
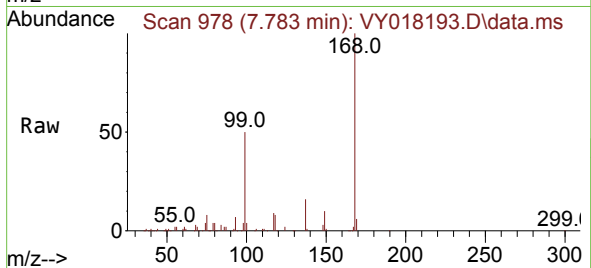




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

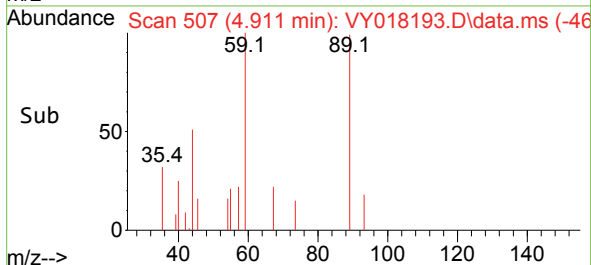
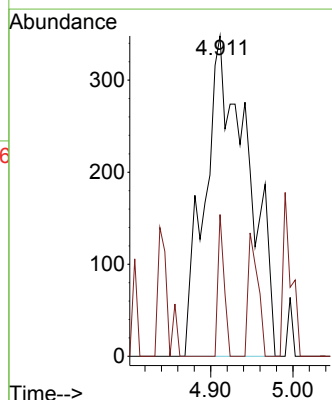
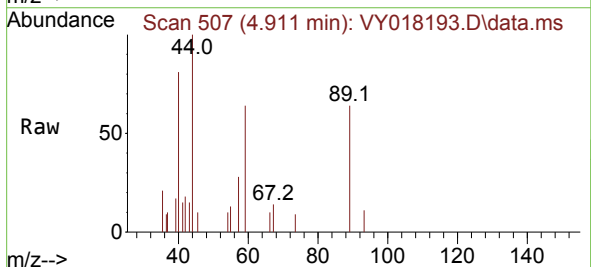
Instrument :
MSVOA_Y
ClientSampleId :

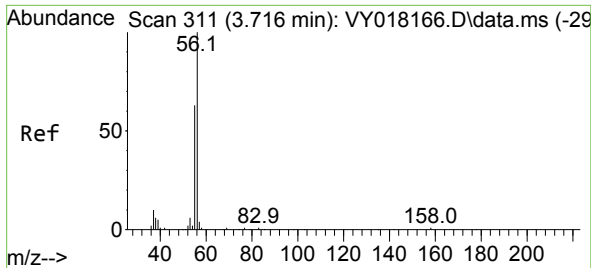
Tgt Ion:168 Resp: 109491
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 6.388 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

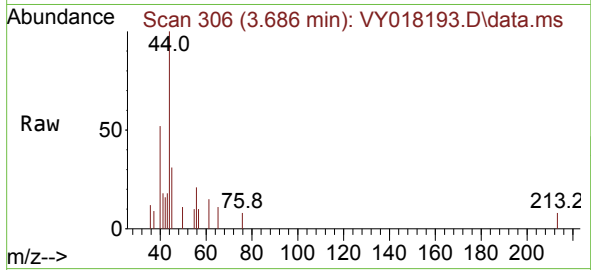
Tgt Ion: 59 Resp: 1269
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.6#



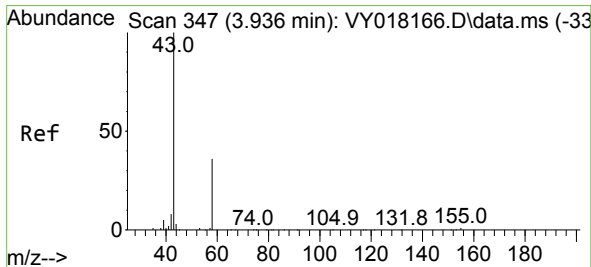
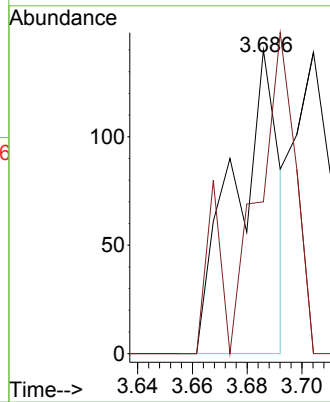
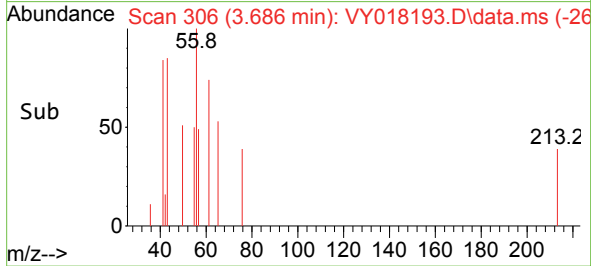


#13
Acrolein
Concen: Below Cal
RT: 3.686 min Scan# 306
Delta R.T. -0.030 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :

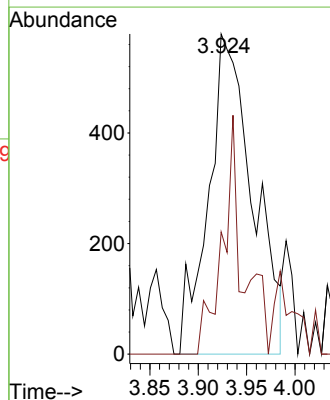
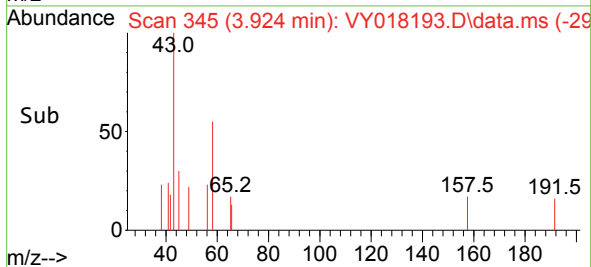
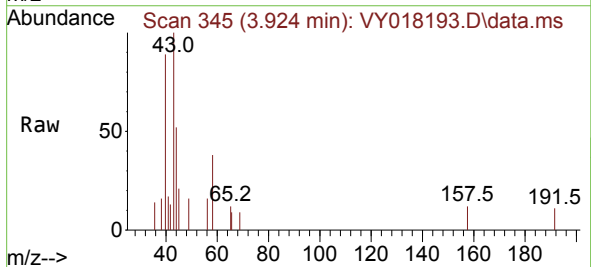


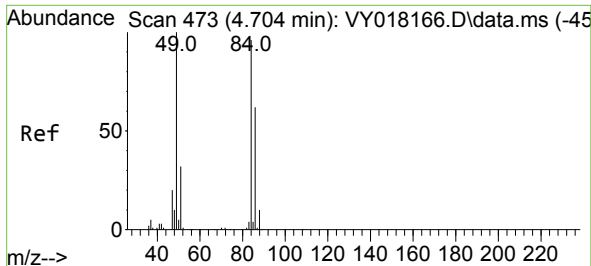
Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 86.1 55.7 83.5#



#16
Acetone
Concen: 11.484 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

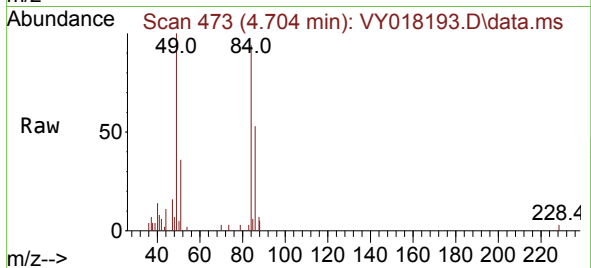
Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
58 38.2 31.7 47.5



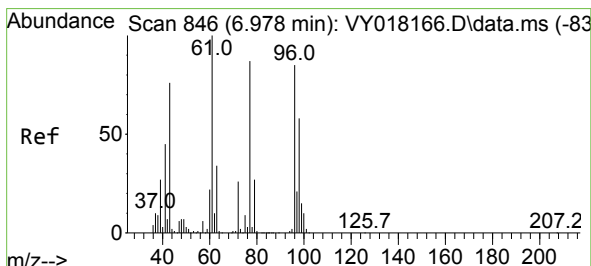
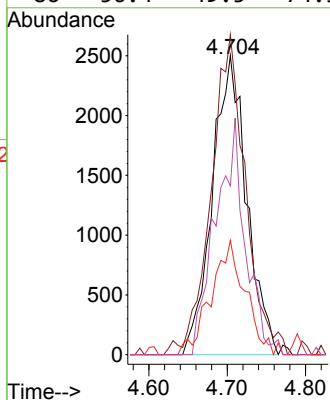
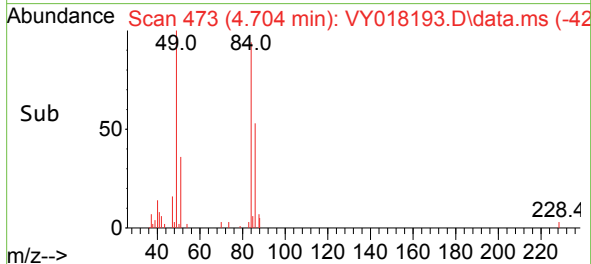


#20
Methylene Chloride
Concen: 6.709 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :

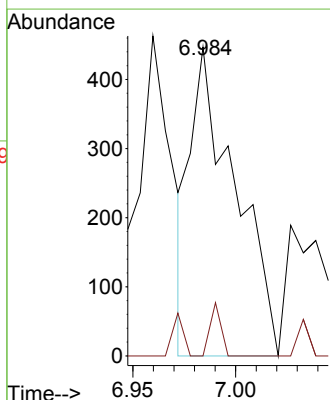
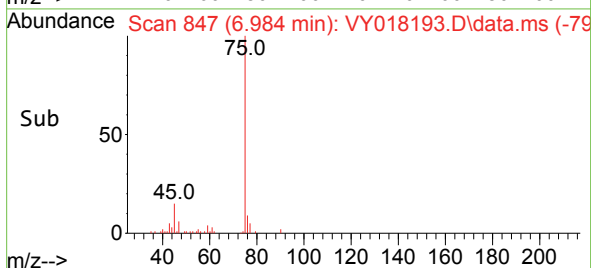
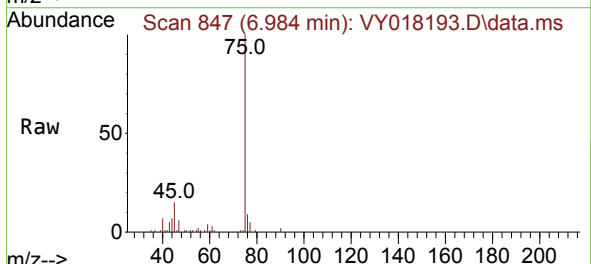


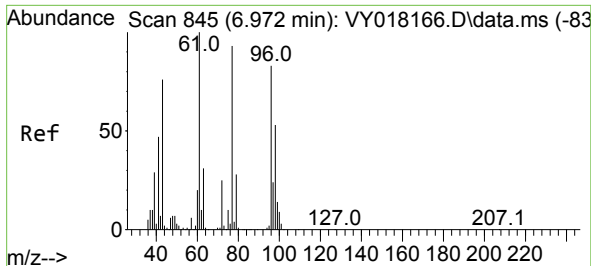
Tgt Ion:	84	Resp:	7622
Ion	Ratio	Lower	Upper
84	100		
49	103.8	84.4	126.6
51	38.2	26.0	39.0
86	56.4	49.5	74.3



#25
2-Butanone
Concen: 2.639 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

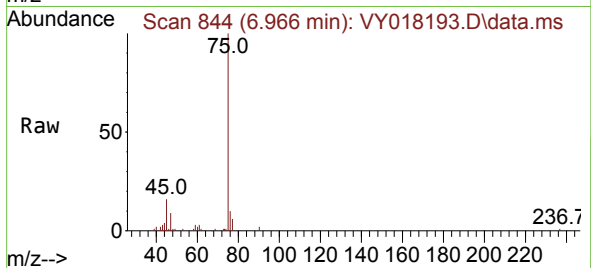
Tgt Ion:	43	Resp:	678
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



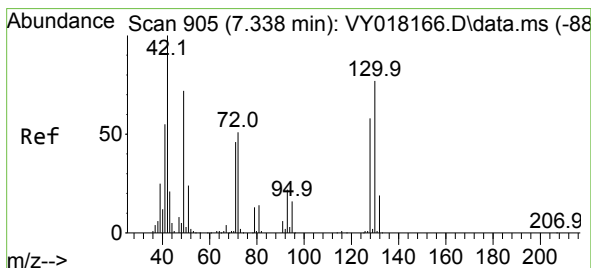
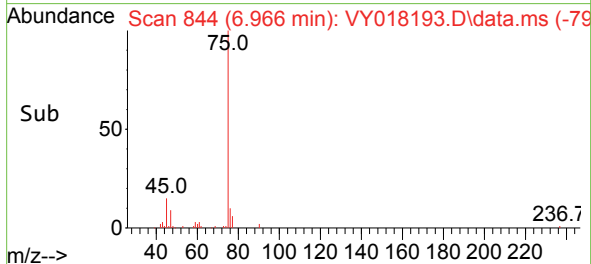
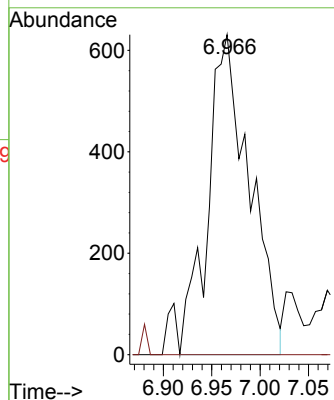


#26
2,2-Dichloropropane
Concen: 1.186 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :

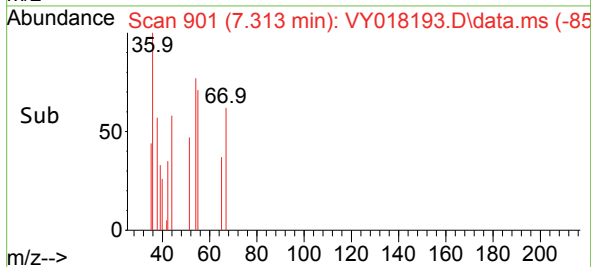
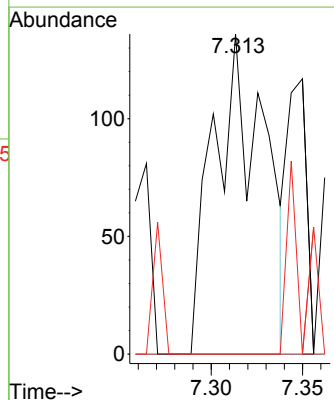
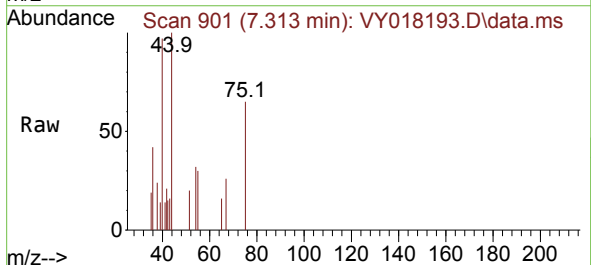


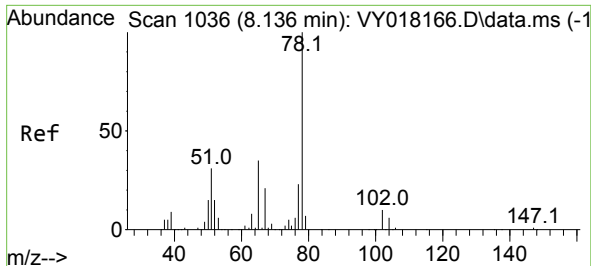
Tgt Ion: 77 Resp: 1889
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#29
Tetrahydrofuran
Concen: 1.539 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.024 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

Tgt Ion: 42 Resp: 261
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#





#33

1,2-Dichloroethane-d4

Concen: 64.362 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018193.D

Acq: 08 May 2024 17:11

Instrument :

MSVOA_Y

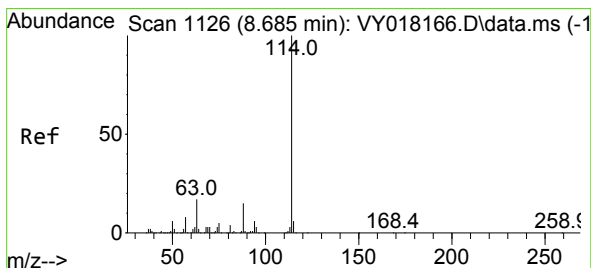
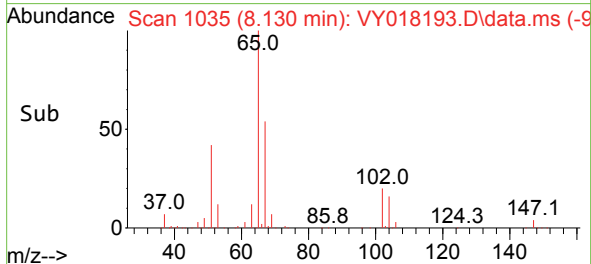
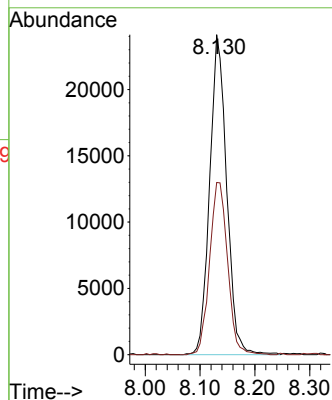
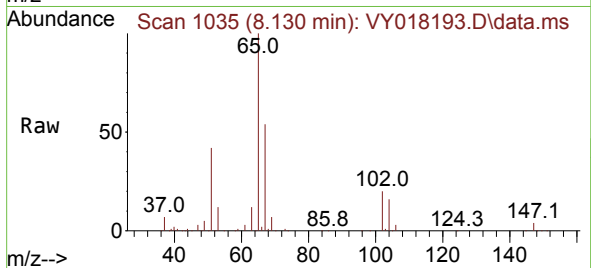
ClientSampleId :

Tgt Ion: 65 Resp: 51843

Ion Ratio Lower Upper

65 100

67 56.9 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: VY018193.D

Acq: 08 May 2024 17:11

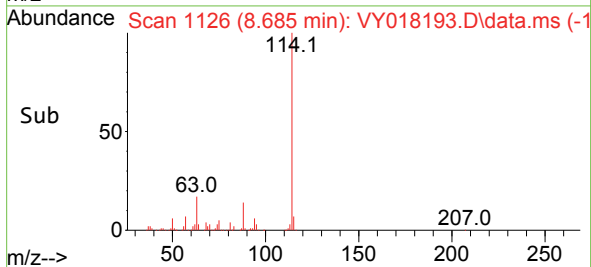
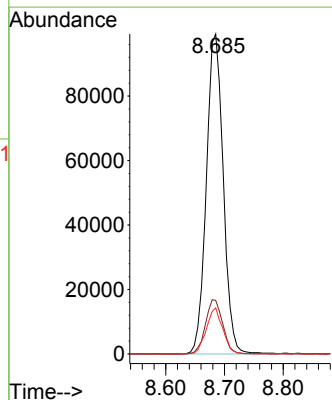
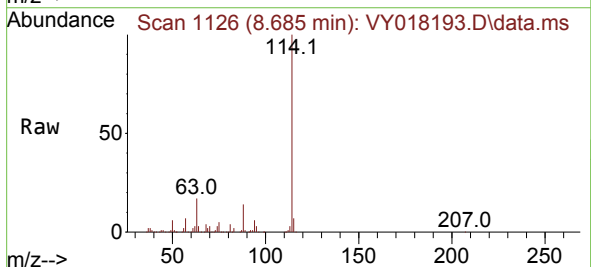
Tgt Ion: 114 Resp: 198845

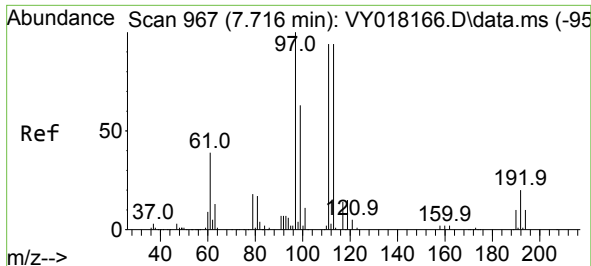
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

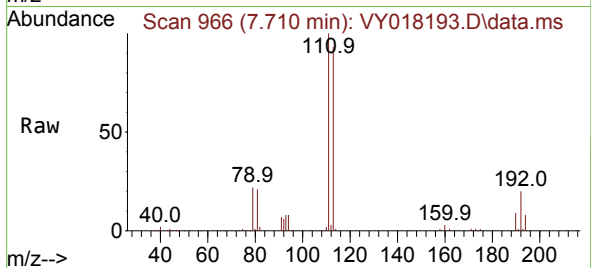
88 14.4 0.0 27.2



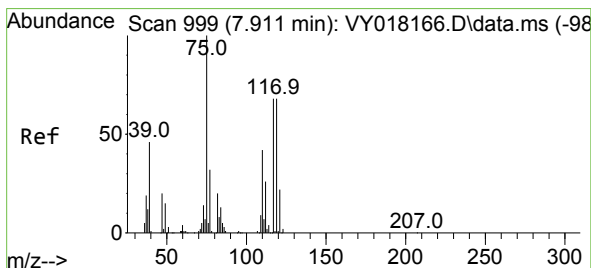
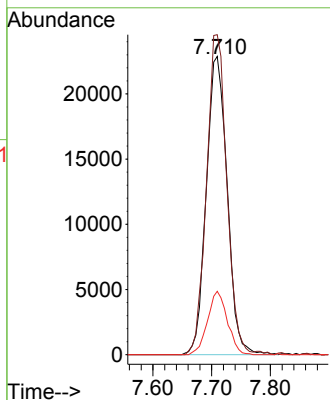
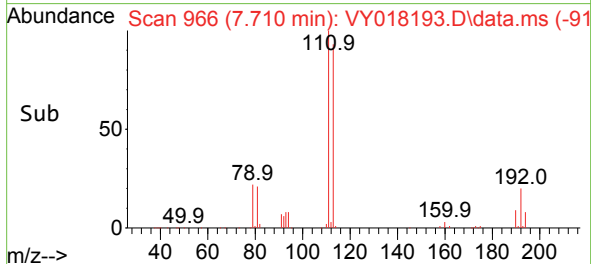


#35
Dibromofluoromethane
Concen: 54.217 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :

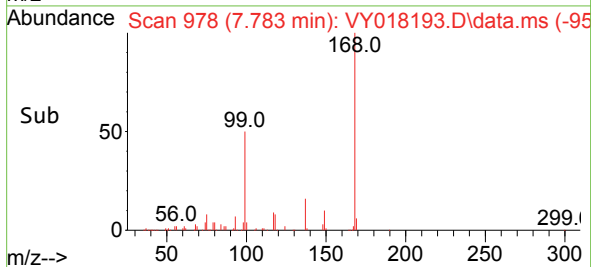
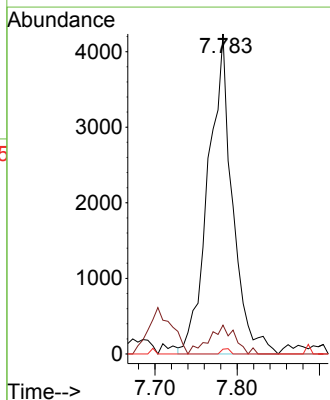
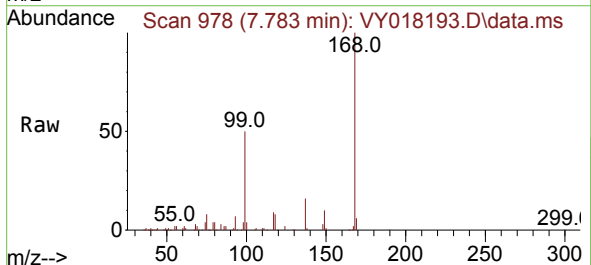


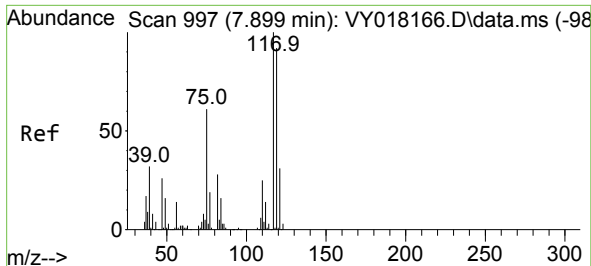
Tgt Ion:113 Resp: 56658
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.780 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

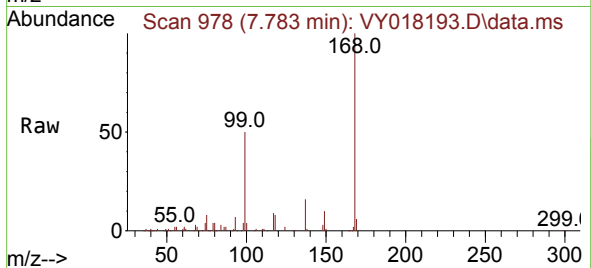
Tgt Ion: 75 Resp: 8659
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.6 25.3 37.9#



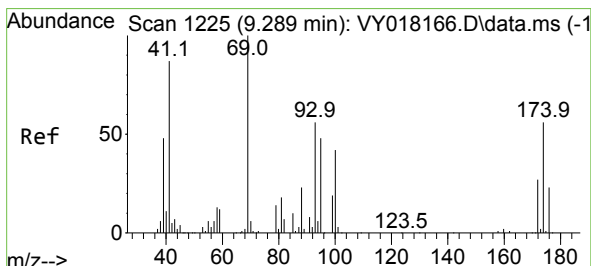
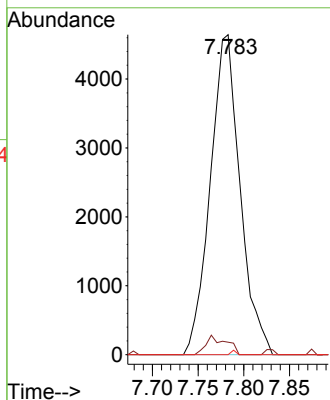
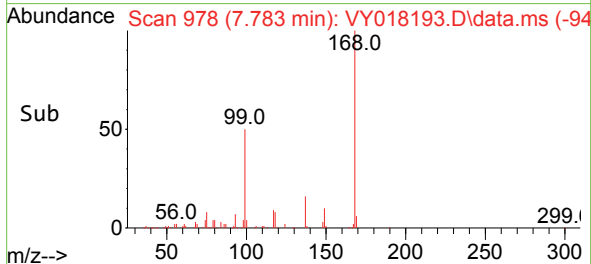


#38
Carbon Tetrachloride
Concen: 6.446 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :

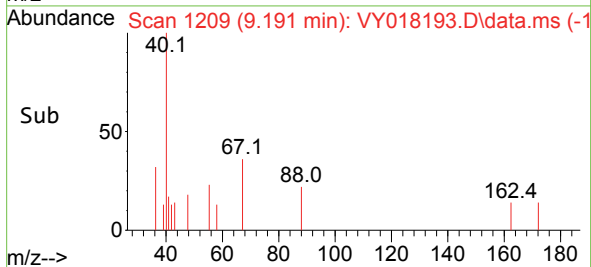
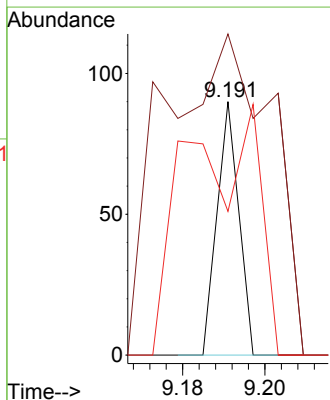
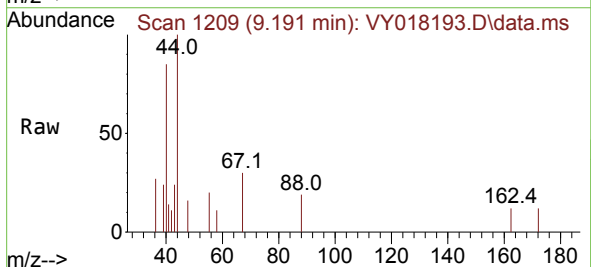


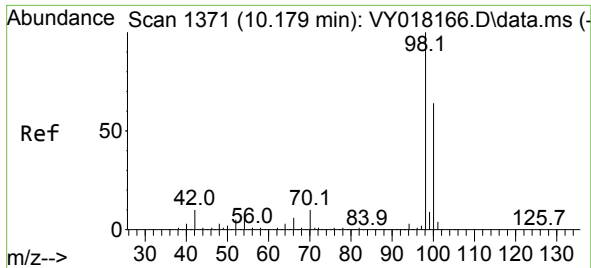
Tgt Ion:117 Resp: 10552
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 4.105 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 621.2 0.0 0.0#
58 321.2 49.3 73.9#

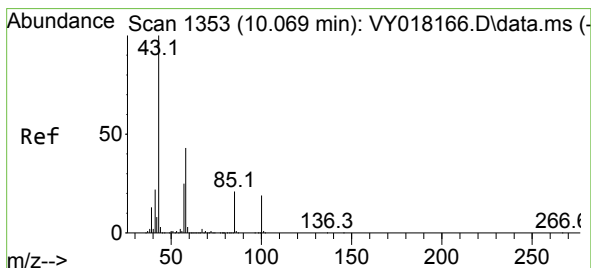
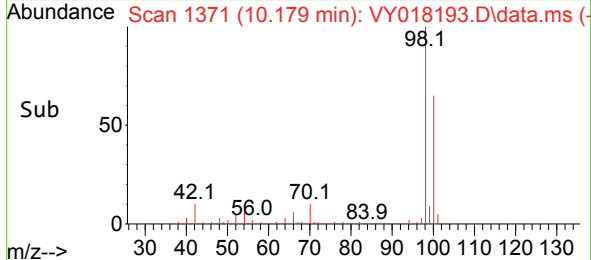
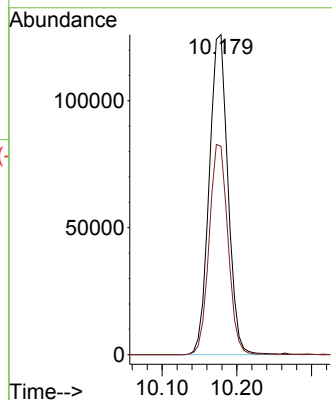
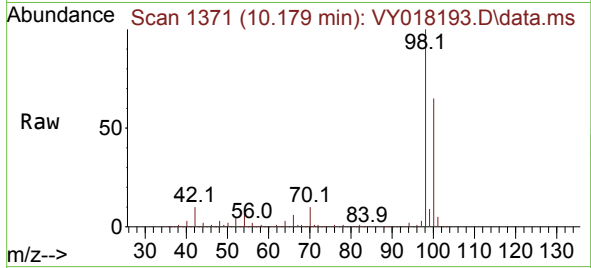




#50
Toluene-d8
Concen: 53.208 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

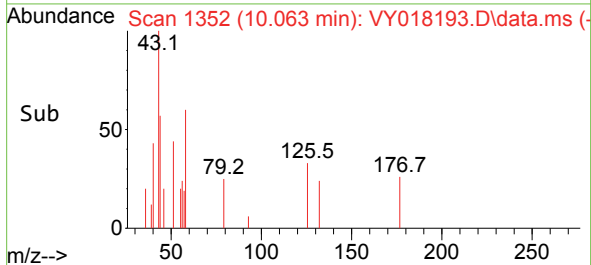
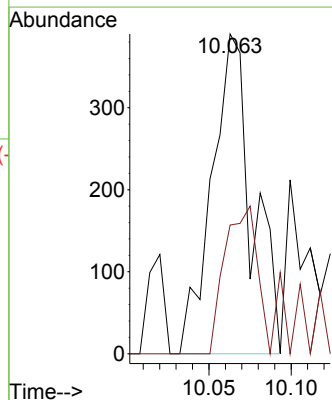
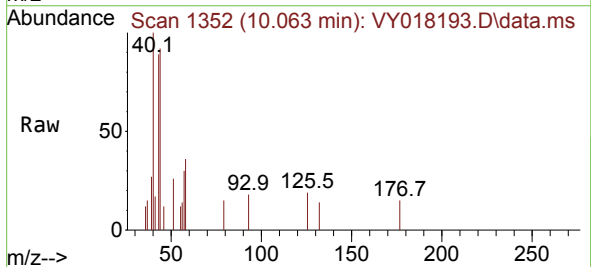
Instrument :
MSVOA_Y
ClientSampleId :

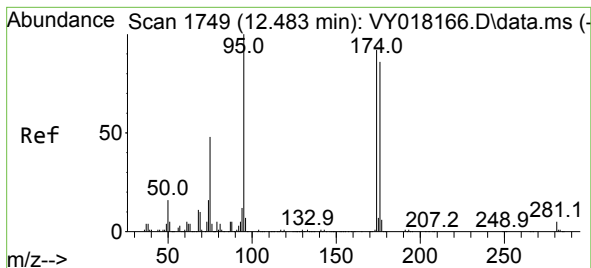
Tgt Ion: 98 Resp: 219115
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.027 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY018193.D
Acq: 08 May 2024 17:11

Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
58 36.9 35.7 53.5





#62

4-Bromofluorobenzene

Concen: 51.016 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

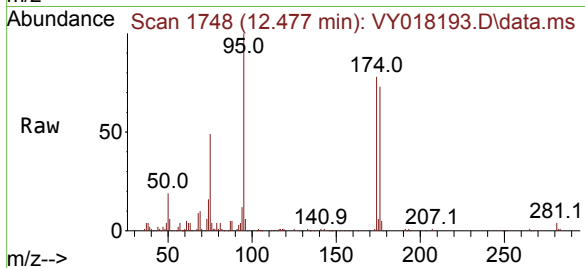
Lab File: VY018193.D

Acq: 08 May 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :



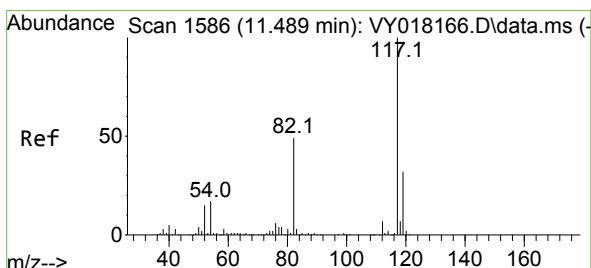
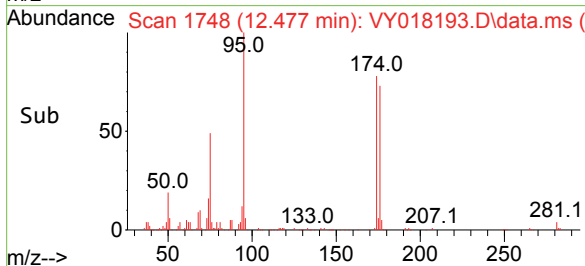
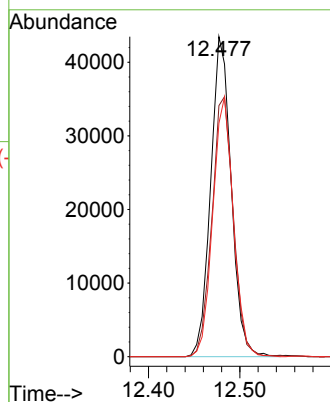
Tgt Ion: 95 Resp: 67845

Ion Ratio Lower Upper

95 100

174 84.4 0.0 175.6

176 81.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY018193.D

Acq: 08 May 2024 17:11

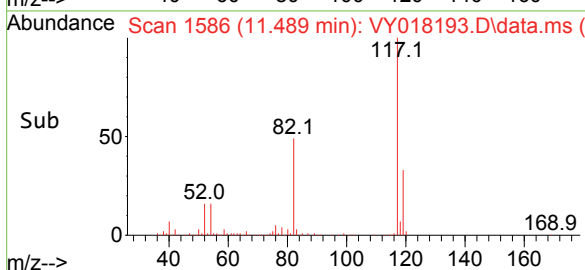
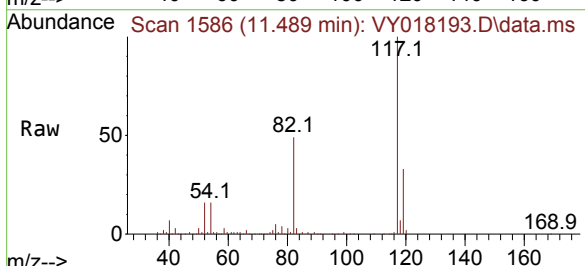
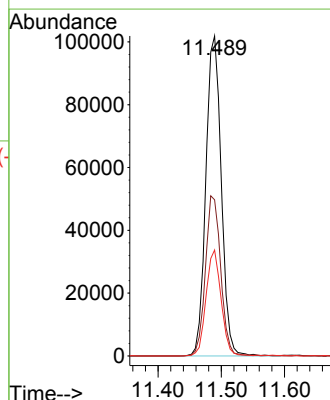
Tgt Ion: 117 Resp: 172887

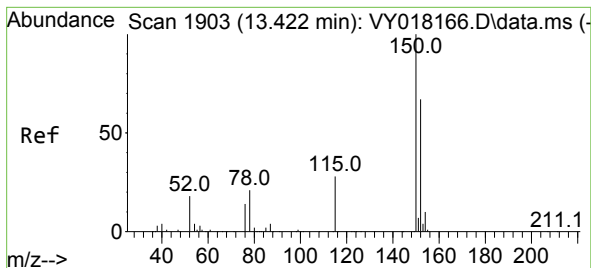
Ion Ratio Lower Upper

117 100

82 48.8 42.4 63.6

119 33.1 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

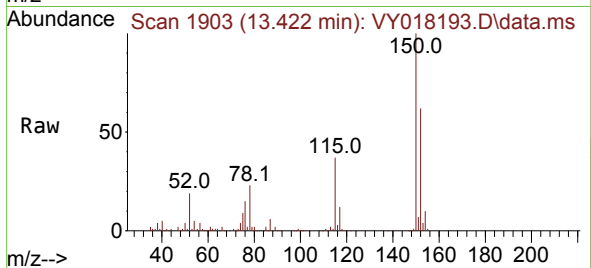
Lab File: VY018193.D

Acq: 08 May 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :



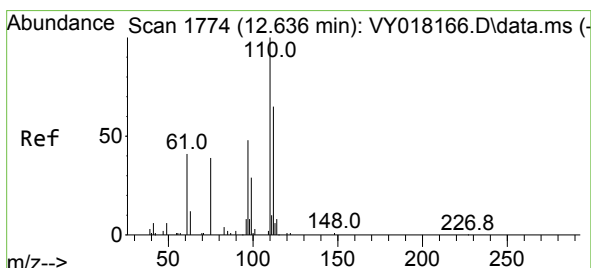
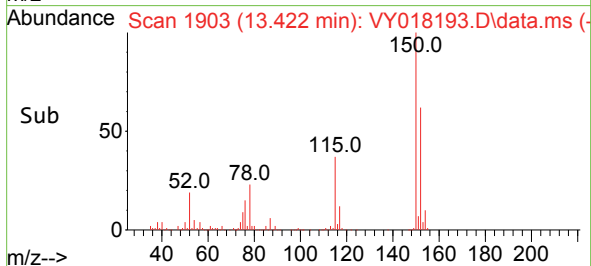
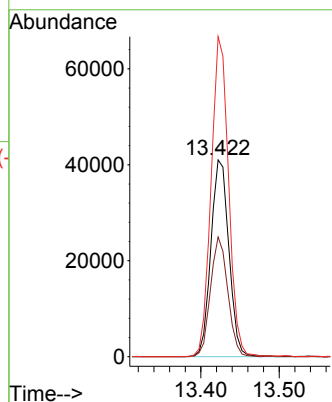
Tgt Ion:152 Resp: 65460

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 157.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.493 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY018193.D

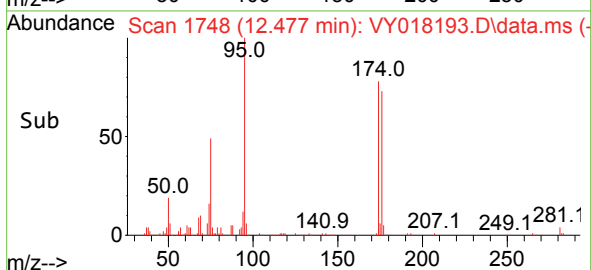
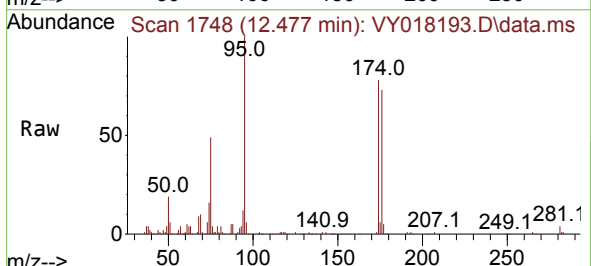
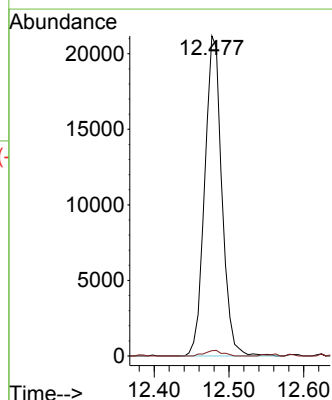
Acq: 08 May 2024 17:11

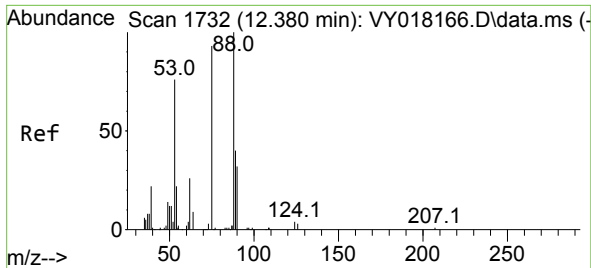
Tgt Ion: 75 Resp: 33792

Ion Ratio Lower Upper

75 100

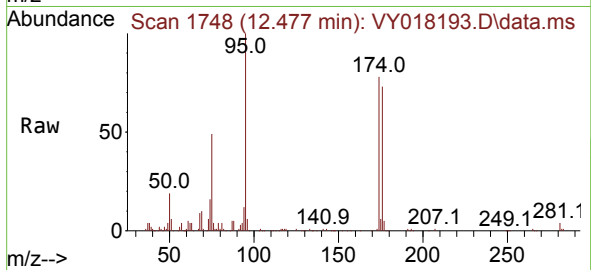
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.256 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY018193.D
 Acq: 08 May 2024 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

