

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018128.D
 Acq On : 02 May 2024 19:40
 Operator : SY/MD
 Sample : P2330-19
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:09:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

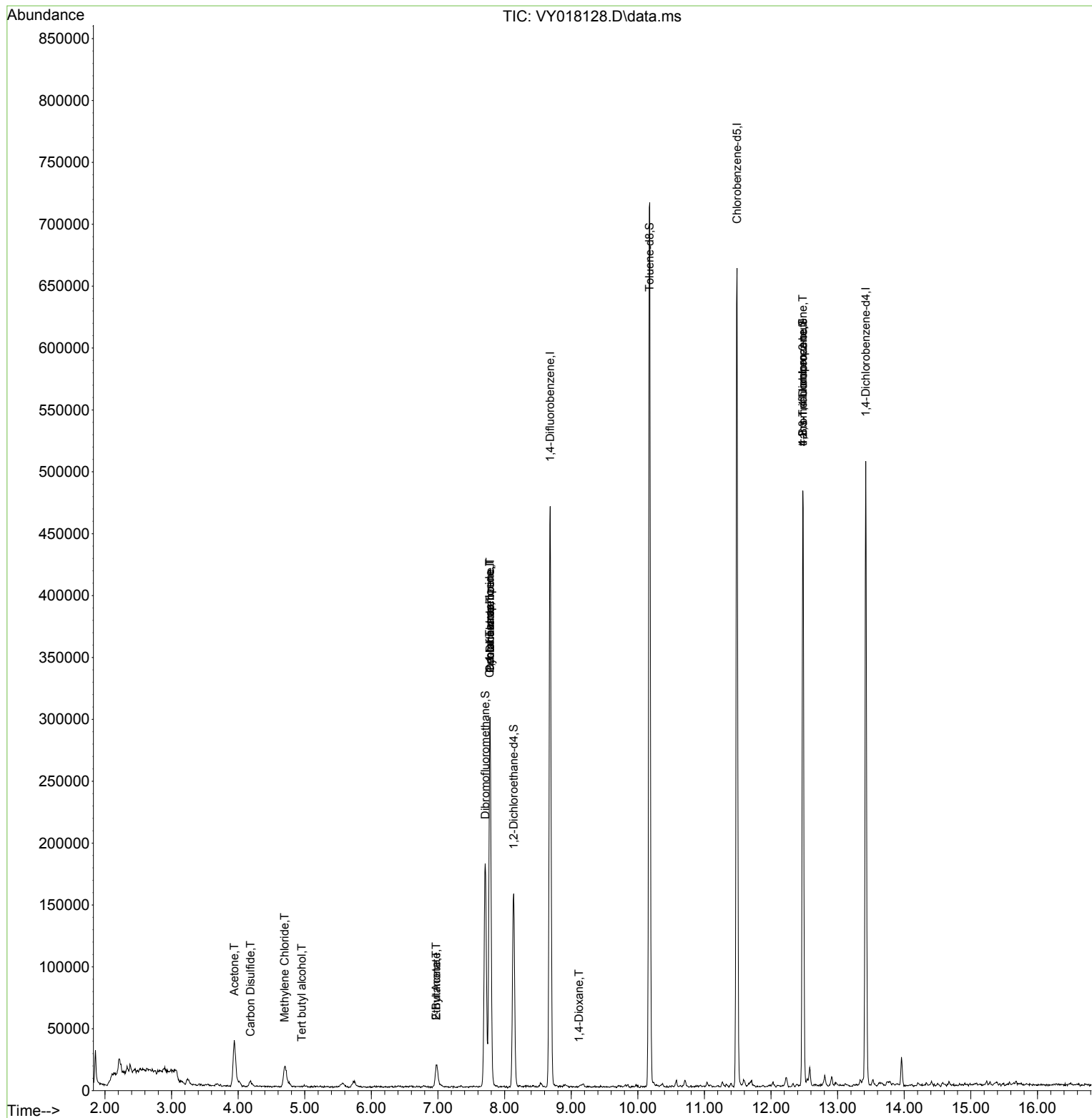
Internal Standards						
1) Pentafluorobenzene	7.783	168	249070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	444669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	388076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115716	58.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.880%	
35) Dibromofluoromethane	7.710	113	133194	52.123	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.240%	
50) Toluene-d8	10.179	98	487857	48.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	12.477	95	148583	43.279	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.560%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	206	1.287	ug/l #	1
16) Acetone	3.942	43	66915	178.912	ug/l	99
17) Carbon Disulfide	4.186	76	8165	1.148	ug/l #	95
20) Methylene Chloride	4.698	84	13805	5.267	ug/l	95
25) 2-Butanone	6.972	43	29967	51.502	ug/l	94
31) Cyclohexane	7.783	56	5008	1.331	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16581	4.861	ug/l #	50
37) Ethyl Acetate	6.972	43	29967	20.188	ug/l #	68
38) Carbon Tetrachloride	7.777	117	22581	5.832	ug/l #	18
49) 1,4-Dioxane	9.118	88	29	1.798	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	71560	63.867	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71560	116.351	ug/l #	16

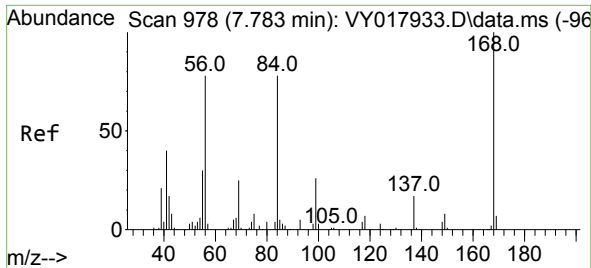
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
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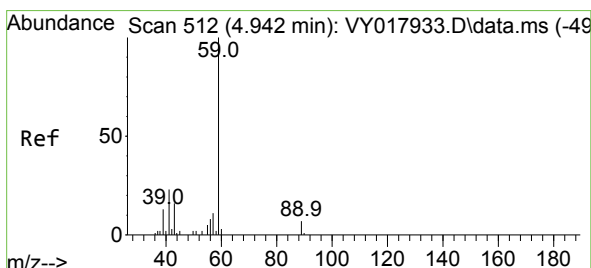
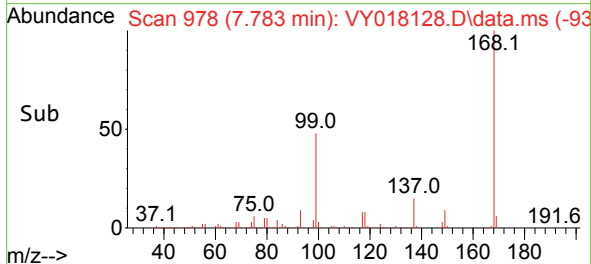
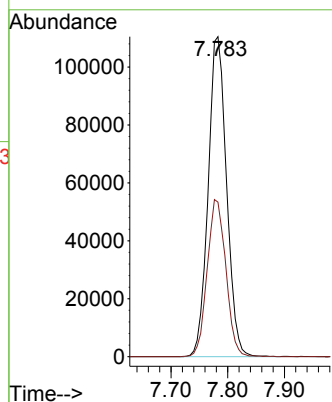
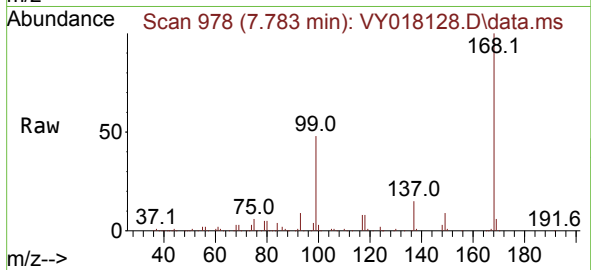




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

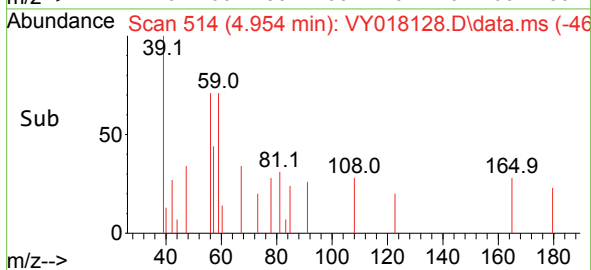
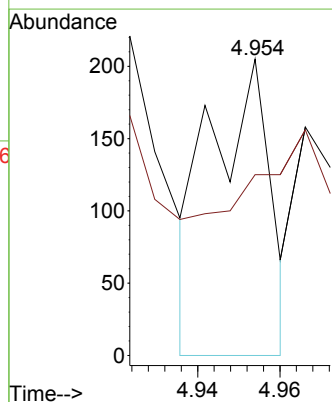
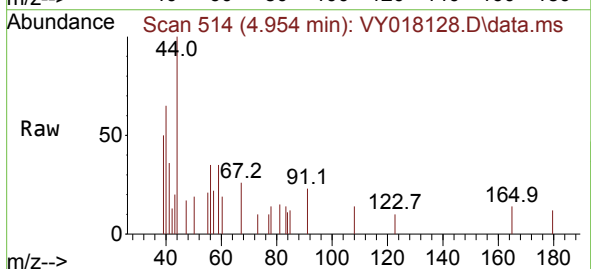
Instrument :
MSVOA_Y
ClientSampleId :

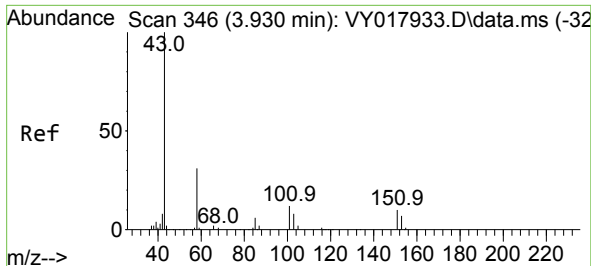
Tgt Ion:168 Resp: 249070
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.287 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 109.7 3.0 4.6#





#16

Acetone

Concen: 178.912 ug/l

RT: 3.942 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018128.D

Acq: 02 May 2024 19:40

Instrument :

MSVOA_Y

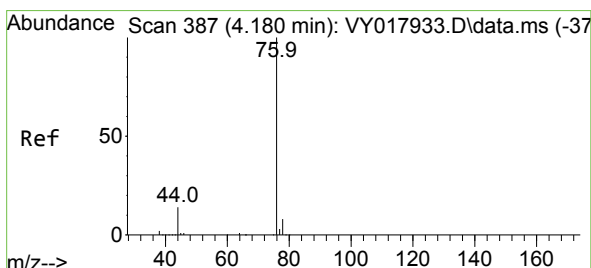
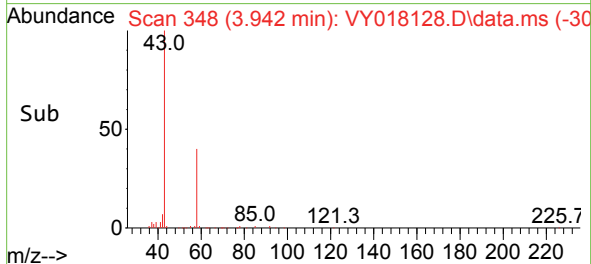
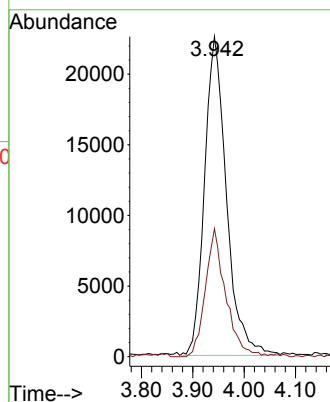
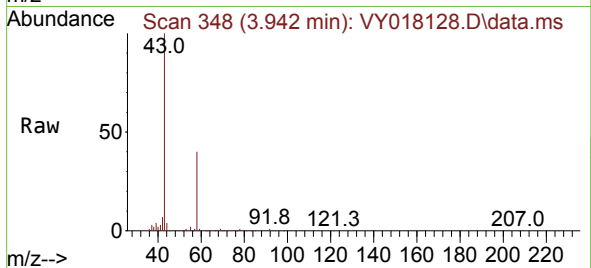
ClientSampleId :

Tgt Ion: 43 Resp: 66915

Ion Ratio Lower Upper

43 100

58 40.2 31.7 47.5



#17

Carbon Disulfide

Concen: 1.148 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY018128.D

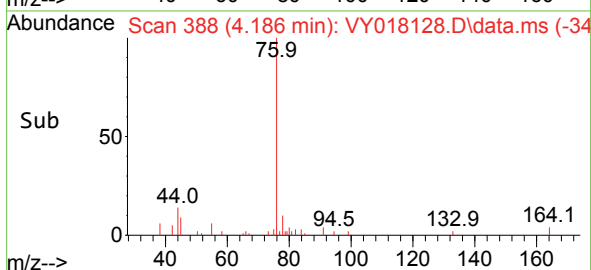
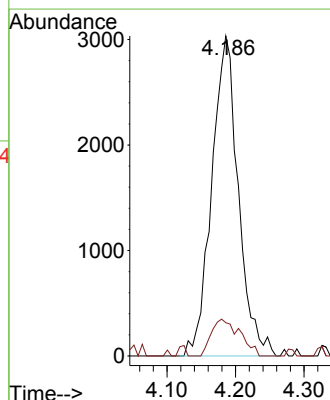
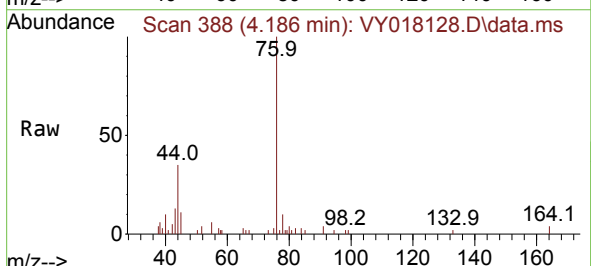
Acq: 02 May 2024 19:40

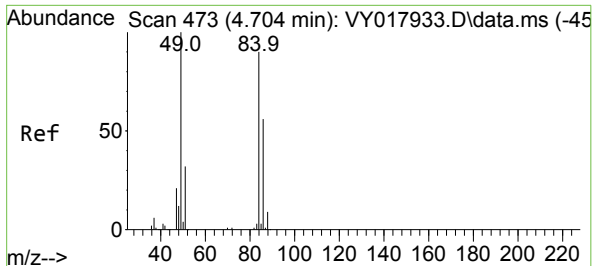
Tgt Ion: 76 Resp: 8165

Ion Ratio Lower Upper

76 100

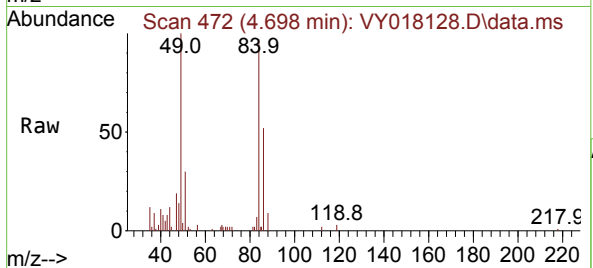
78 10.4 6.8 10.2#



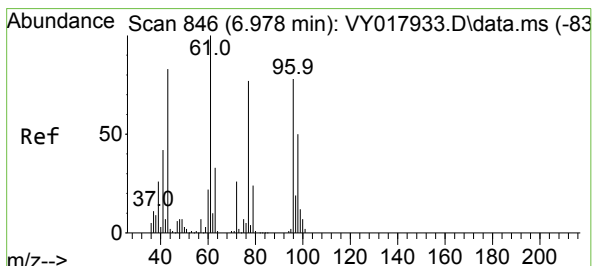
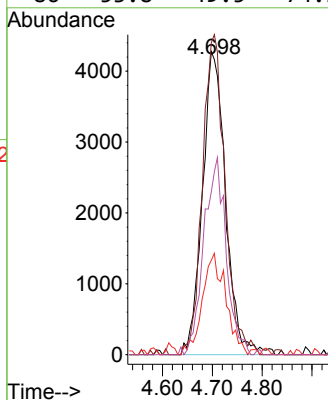
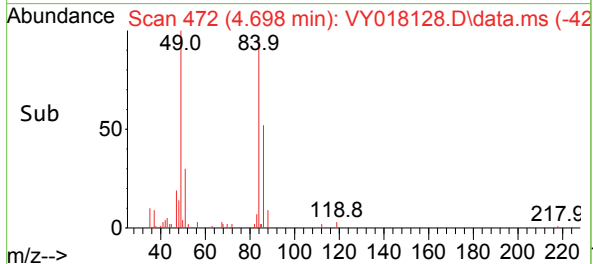


#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Instrument :
MSVOA_Y
ClientSampleId :

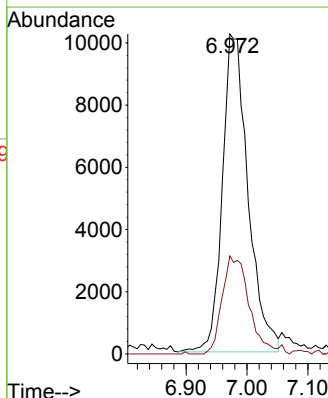
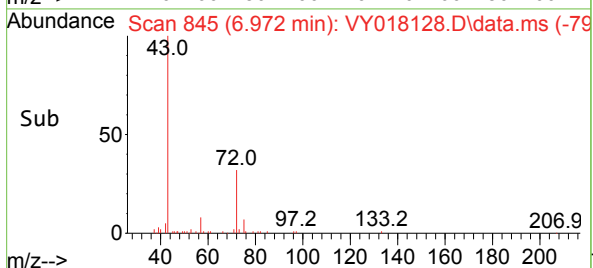
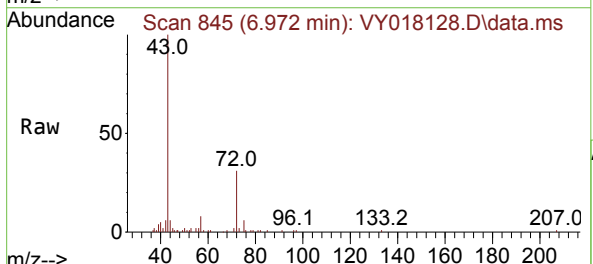


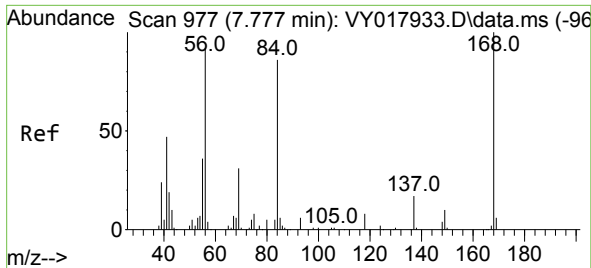
Tgt Ion:	84	Resp:	13805
Ion	Ratio	Lower	Upper
84	100		
49	103.0	84.4	126.6
51	31.2	26.0	39.0
86	53.8	49.5	74.3



#25
2-Butanone
Concen: 51.502 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Tgt Ion:	43	Resp:	29967
Ion	Ratio	Lower	Upper
43	100		
72	30.9	27.3	40.9

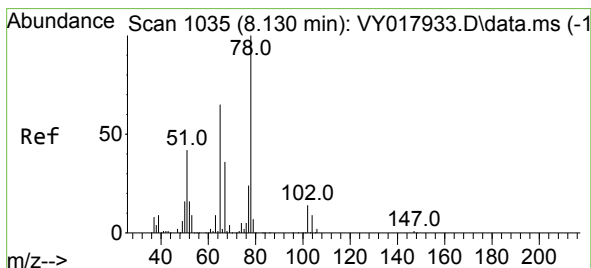
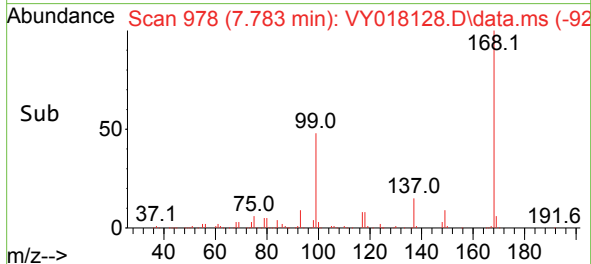
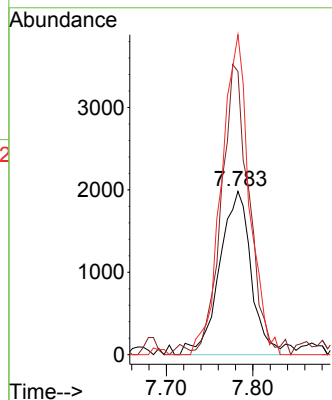
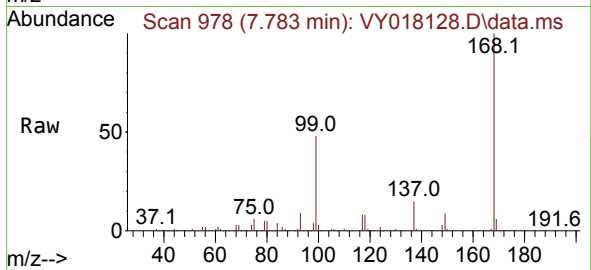




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

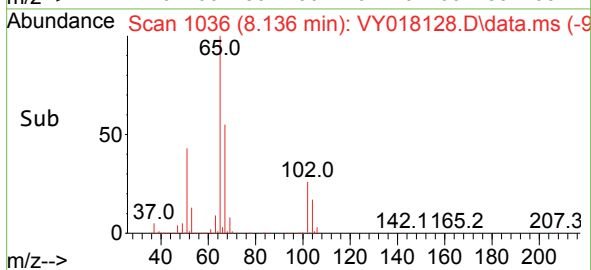
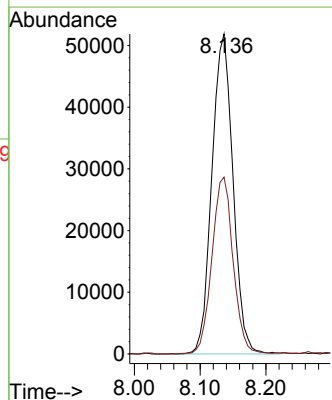
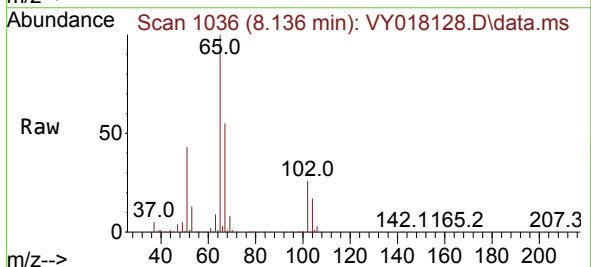
Instrument :
MSVOA_Y
ClientSampleId :

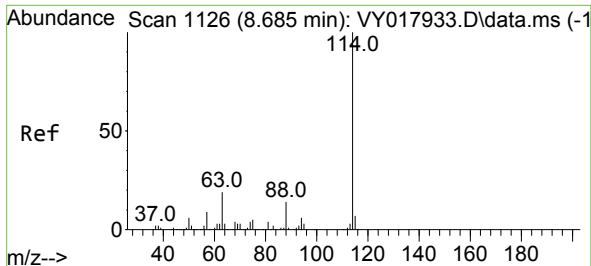
Tgt Ion: 56 Resp: 5008
Ion Ratio Lower Upper
56 100
69 168.2 28.7 43.1#
84 195.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.941 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Tgt Ion: 65 Resp: 115716
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6

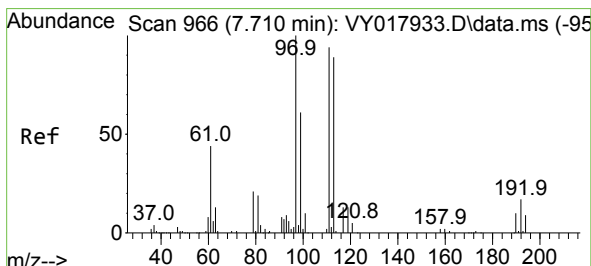
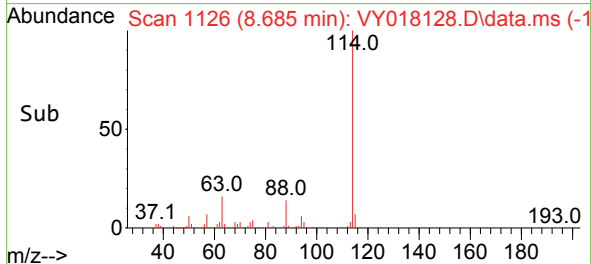
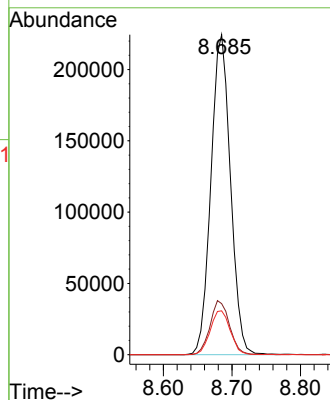
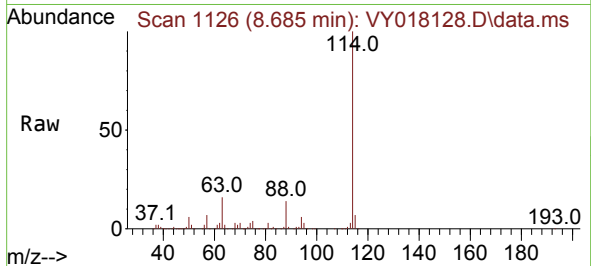




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

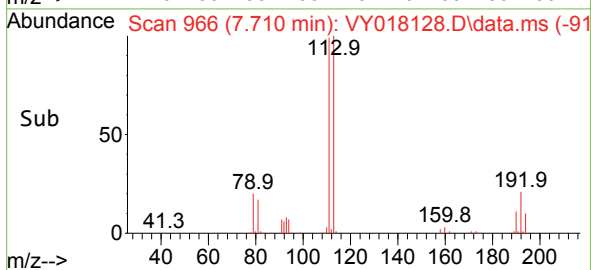
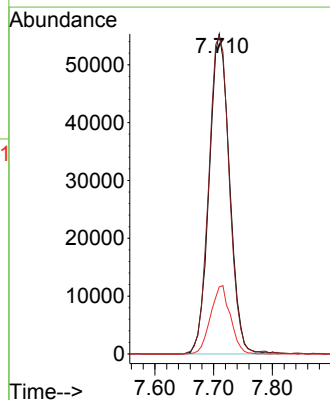
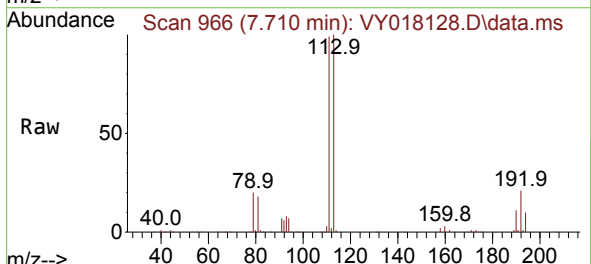
Instrument :
MSVOA_Y
ClientSampleId :

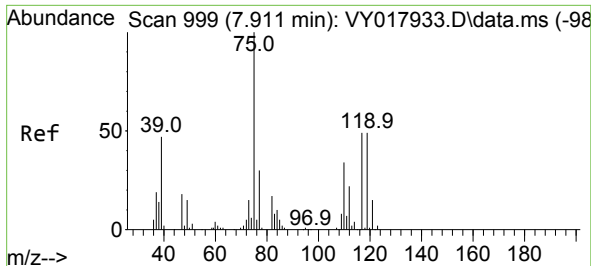
Tgt Ion:114 Resp: 444669
Ion Ratio Lower Upper
114 100
63 16.0 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.123 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

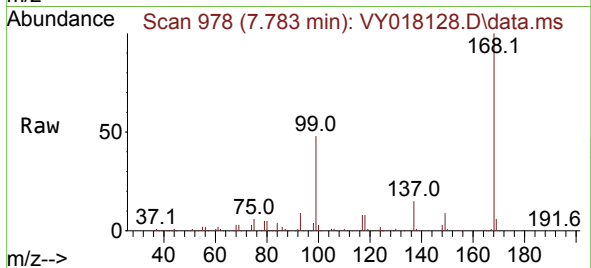
Tgt Ion:113 Resp: 133194
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 20.7 15.9 23.9



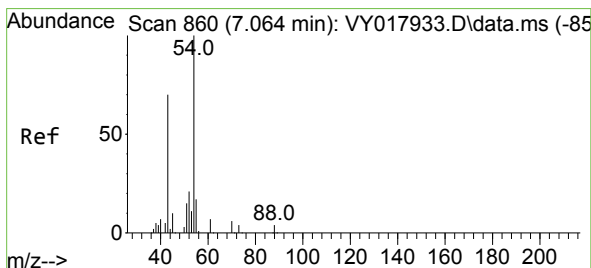
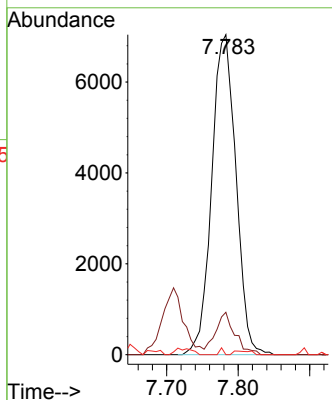
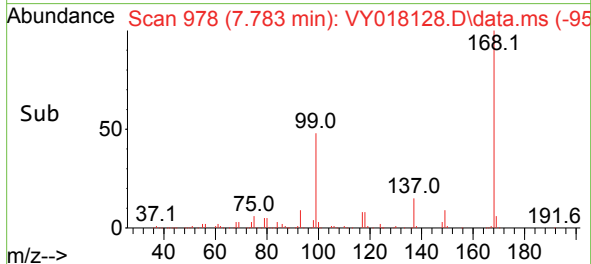


#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Instrument :
MSVOA_Y
ClientSampleId :

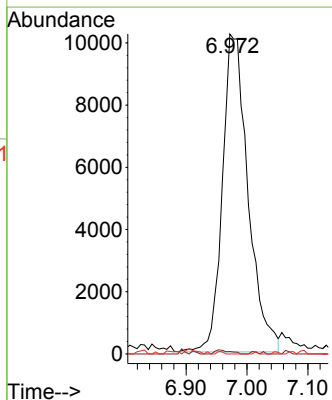
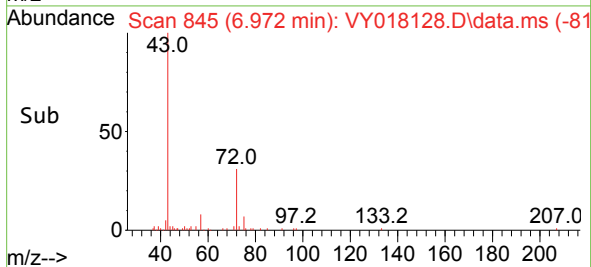
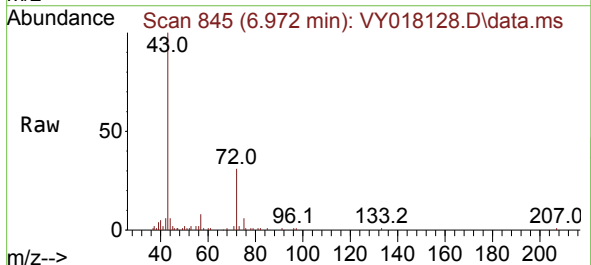


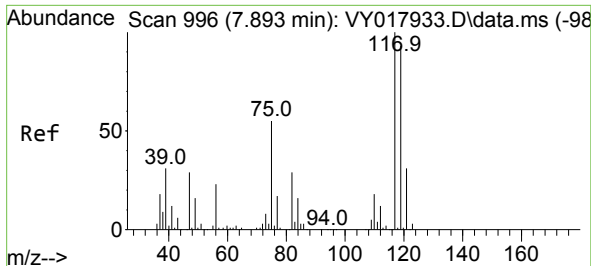
Tgt Ion: 75 Resp: 16581
Ion Ratio Lower Upper
75 100
110 10.7 19.0 57.0#
77 0.3 25.3 37.9#



#37
Ethyl Acetate
Concen: 20.188 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.104 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

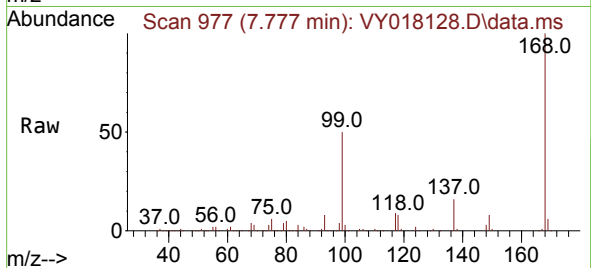
Tgt Ion: 43 Resp: 29967
Ion Ratio Lower Upper
43 100
61 0.7 12.6 19.0#
70 0.2 7.8 11.8#



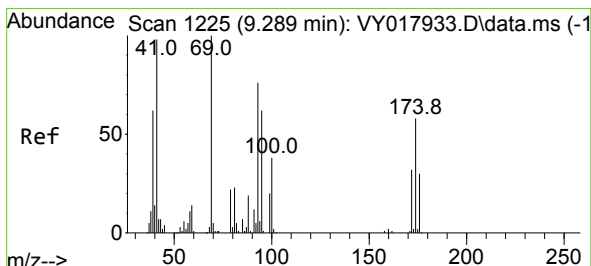
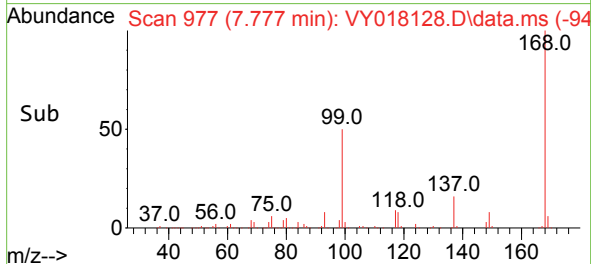
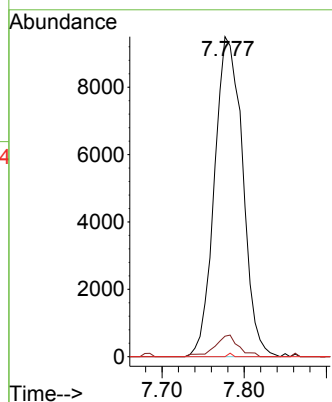


#38
Carbon Tetrachloride
Concen: 5.832 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Instrument :
MSVOA_Y
ClientSampleId :

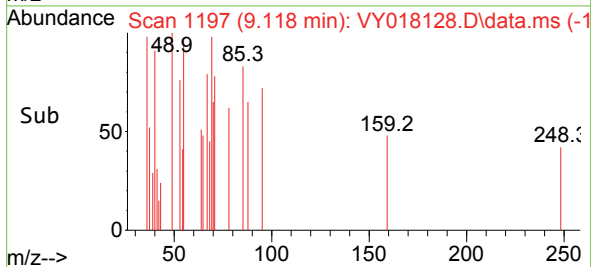
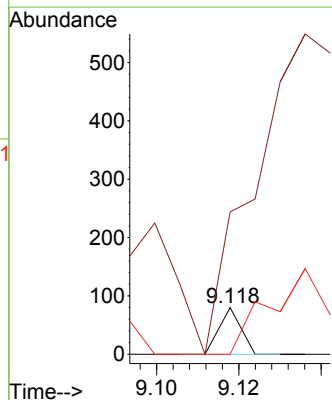
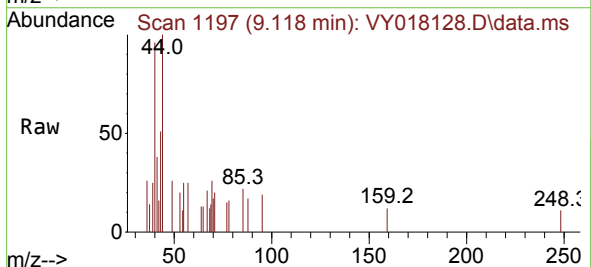


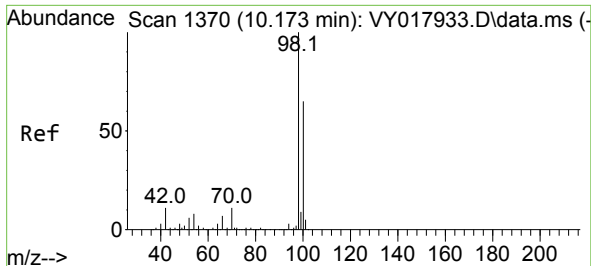
Tgt Ion:117 Resp: 22581
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.798 ug/l
RT: 9.118 min Scan# 1197
Delta R.T. -0.183 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 3913.8 0.0 0.0#
58 565.5 49.3 73.9#

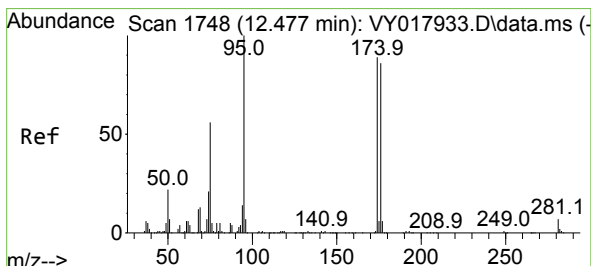
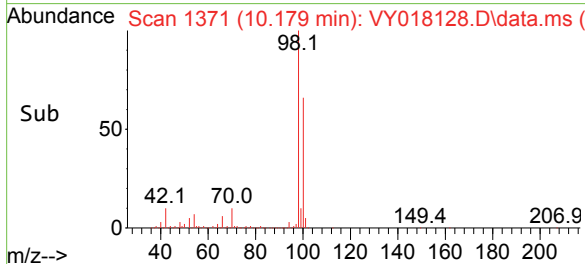
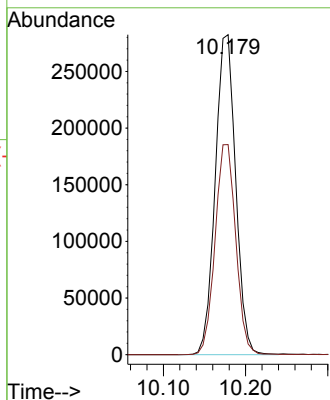
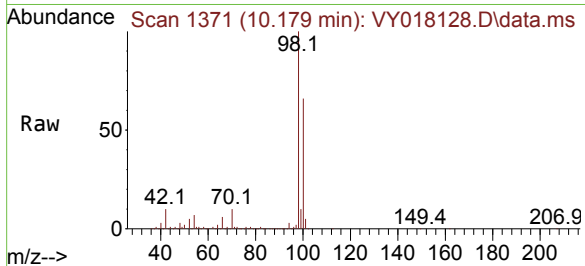




#50
Toluene-d8
Concen: 48.903 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

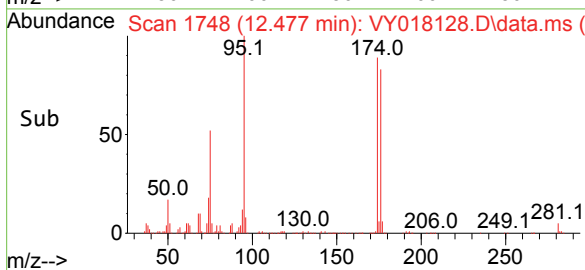
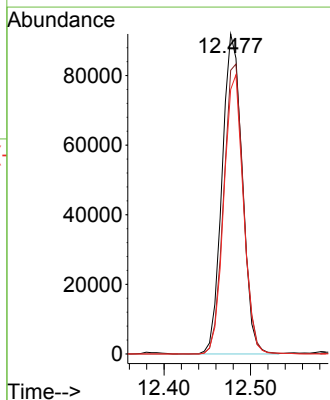
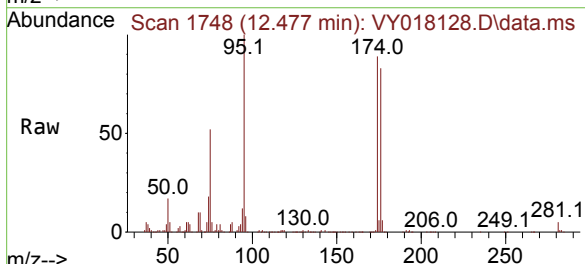
Instrument :
MSVOA_Y
ClientSampleId :

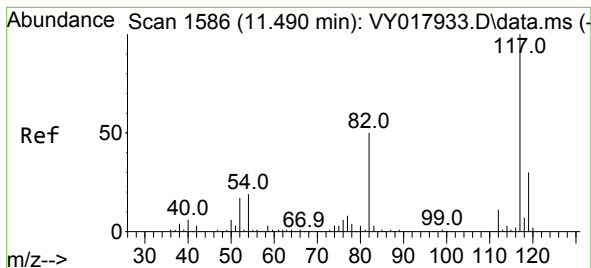
Tgt Ion: 98 Resp: 487857
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.279 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Tgt Ion: 95 Resp: 148583
Ion Ratio Lower Upper
95 100
174 89.2 0.0 175.6
176 84.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY018128.D

Acq: 02 May 2024 19:40

Instrument :

MSVOA_Y

ClientSampleId :

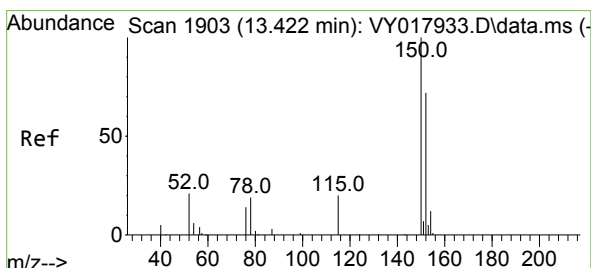
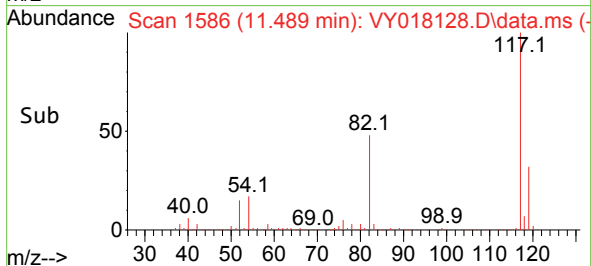
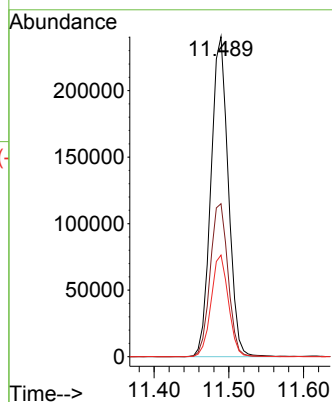
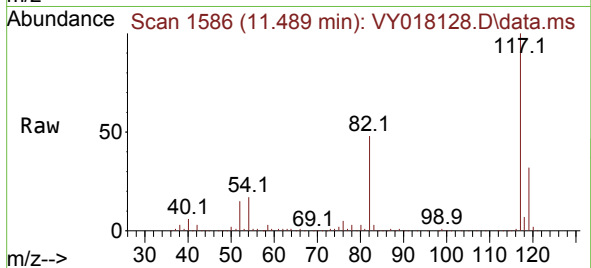
Tgt Ion:117 Resp: 388076

Ion Ratio Lower Upper

117 100

82 47.8 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018128.D

Acq: 02 May 2024 19:40

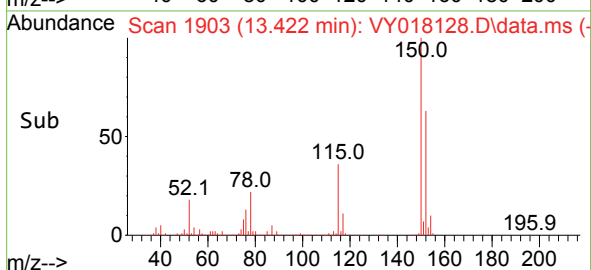
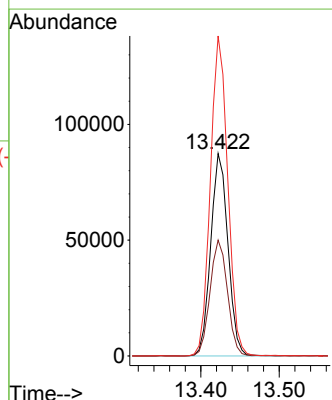
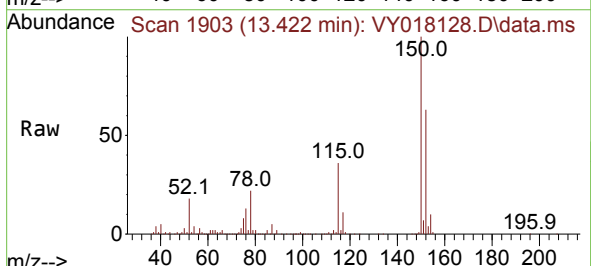
Tgt Ion:152 Resp: 133506

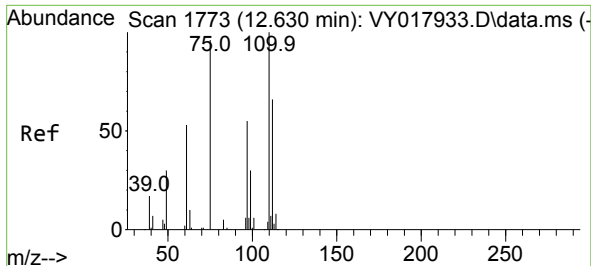
Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 158.9 0.0 345.6

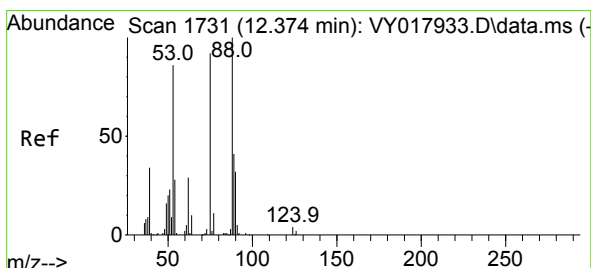
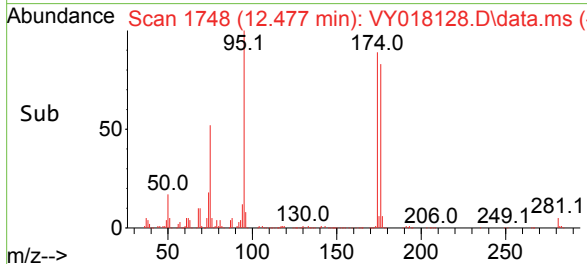
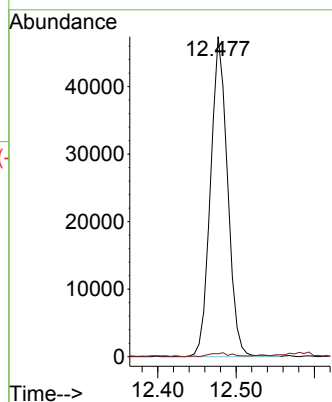
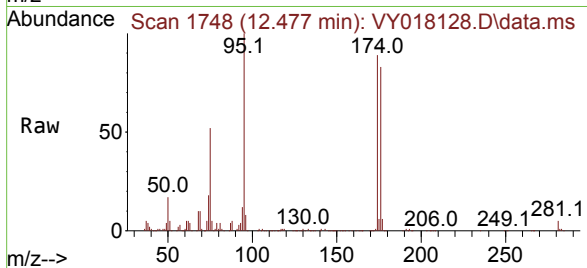




#76
1,2,3-Trichloropropane
Concen: 63.867 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71560
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.351 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Tgt Ion: 75 Resp: 71560
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.3 35.8 53.6#

