

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018126.D
 Acq On : 02 May 2024 18:52
 Operator : SY/MD
 Sample : P2330-15
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:08:42 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	260312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	455652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	391187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	106280	51.797	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.600%
35) Dibromofluoromethane	7.710	113	131671	50.285	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.560%
50) Toluene-d8	10.173	98	499804	48.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.477	95	144226	40.997	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.000%

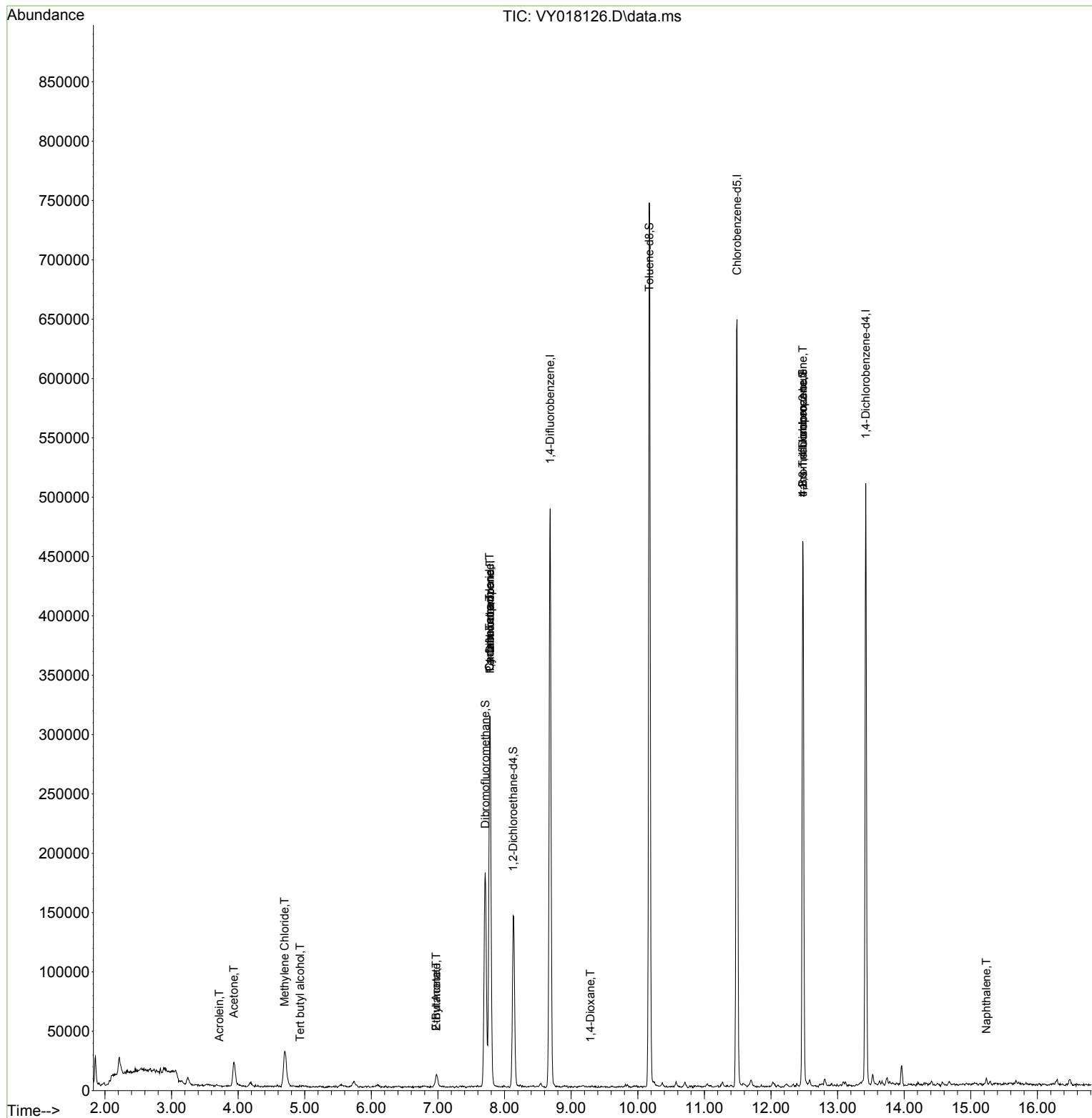
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.930	59	210	1.256	ug/l #	1
13) Acrolein	3.717	56	294	1.181	ug/l #	1
16) Acetone	3.936	43	35973	92.028	ug/l	97
20) Methylene Chloride	4.698	84	24306	8.874	ug/l	95
25) 2-Butanone	6.972	43	16058	26.406	ug/l	95
31) Cyclohexane	7.777	56	4539	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17669	5.055	ug/l #	50
37) Ethyl Acetate	6.972	43	16058	10.557	ug/l #	70
38) Carbon Tetrachloride	7.777	117	24279	6.120	ug/l #	16
49) 1,4-Dioxane	9.289	88	23	1.391	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	70854	62.859	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70854	114.514	ug/l #	16
95) Naphthalene	15.233	128	4262	1.035	ug/l #	96

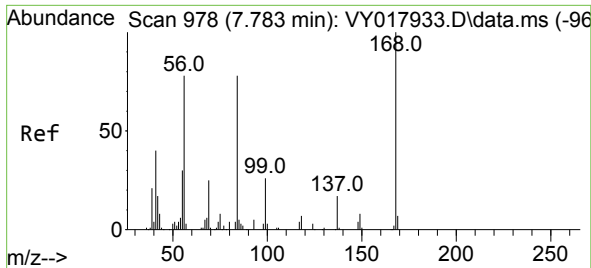
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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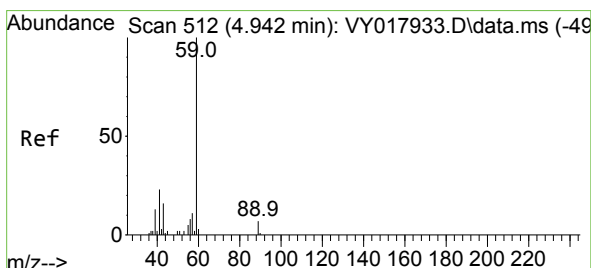
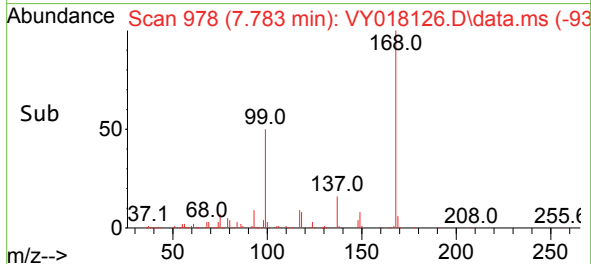
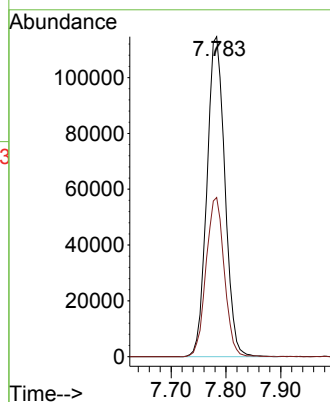
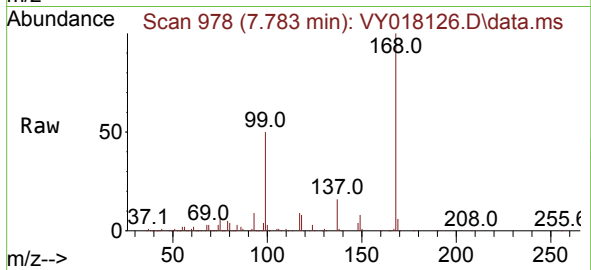




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

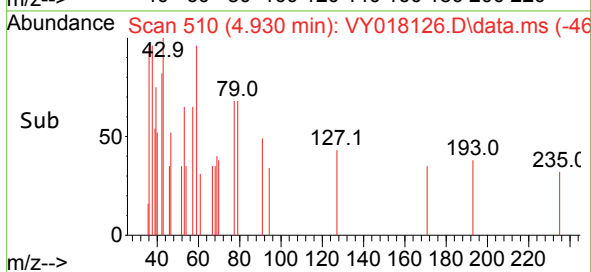
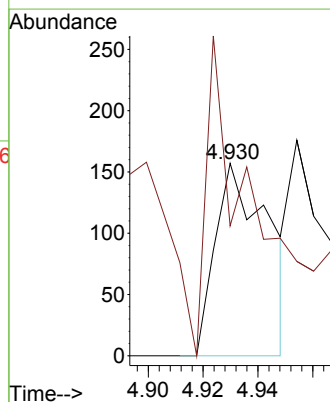
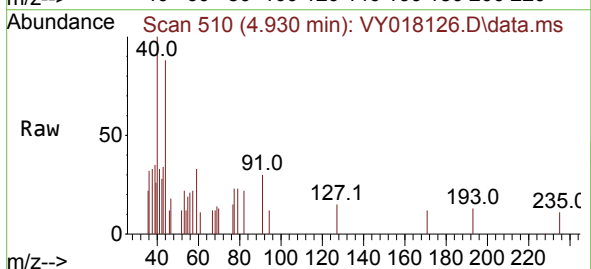
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MSVOA_Y
ClientSampleId :

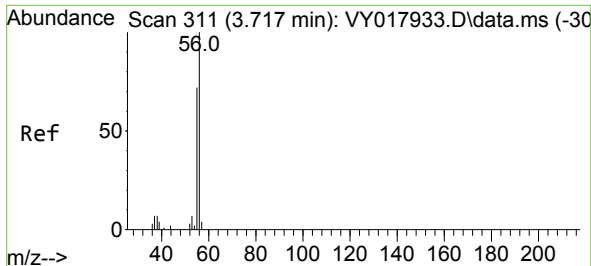
Tgt Ion:168 Resp: 260312
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.256 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 149.5 3.0 4.6#

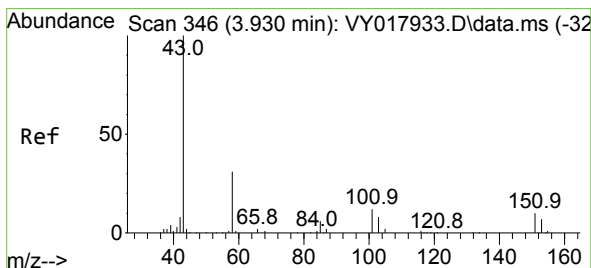
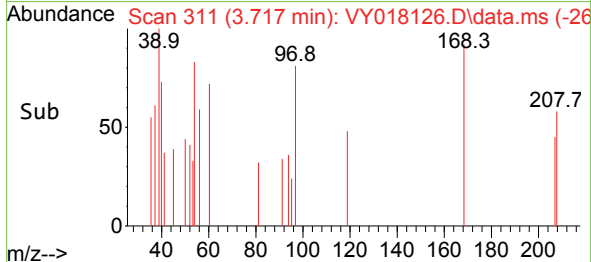
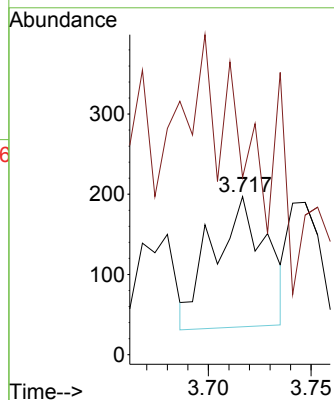
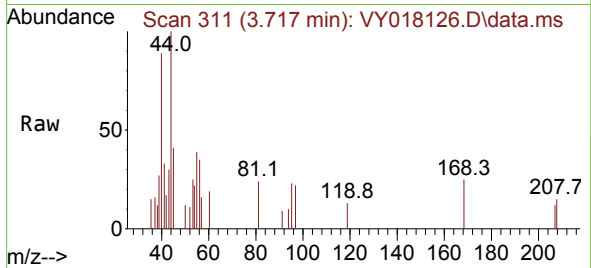




#13
Acrolein
Concen: 1.181 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

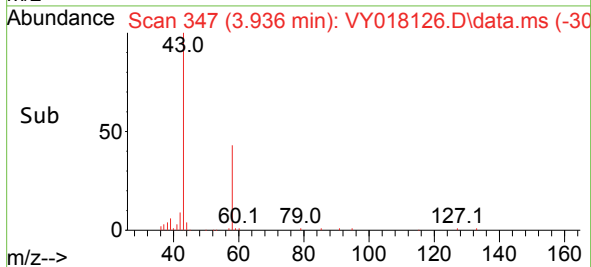
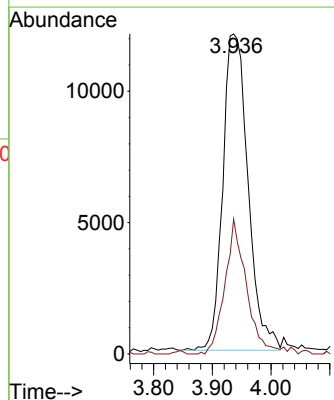
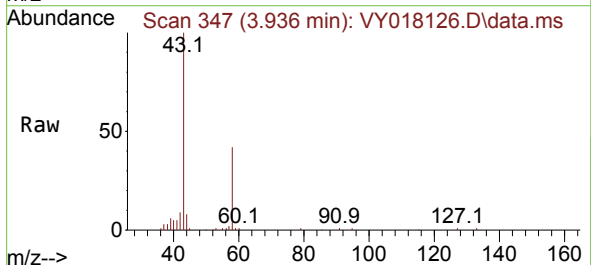
Instrument :
MSVOA_Y
ClientSampleId :

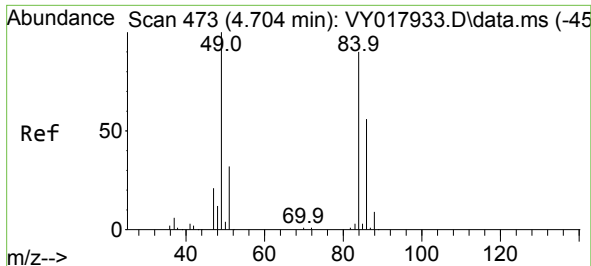
Tgt Ion: 56 Resp: 294
Ion Ratio Lower Upper
56 100
55 166.7 55.7 83.5#



#16
Acetone
Concen: 92.028 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

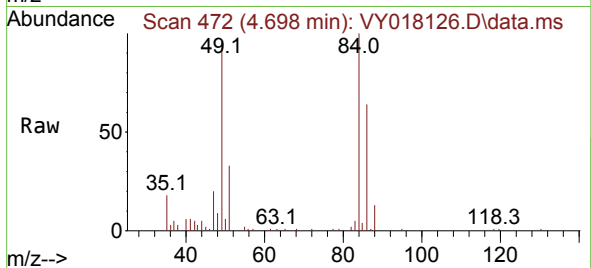
Tgt Ion: 43 Resp: 35973
Ion Ratio Lower Upper
43 100
58 41.6 31.7 47.5



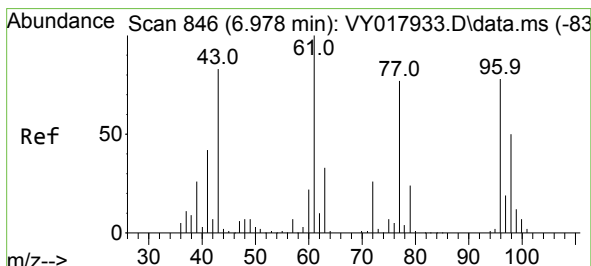
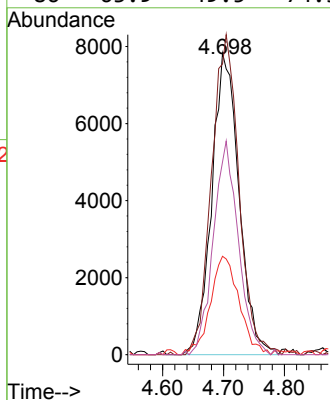
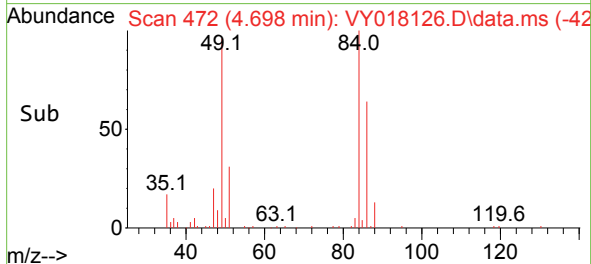


#20
Methylene Chloride
Concen: 8.874 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Instrument :
MSVOA_Y
ClientSampleId :

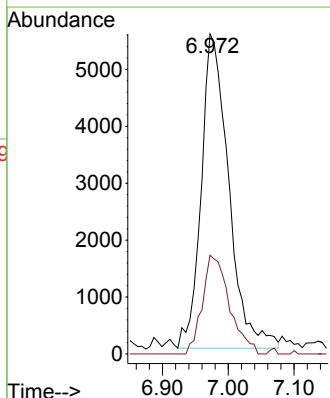
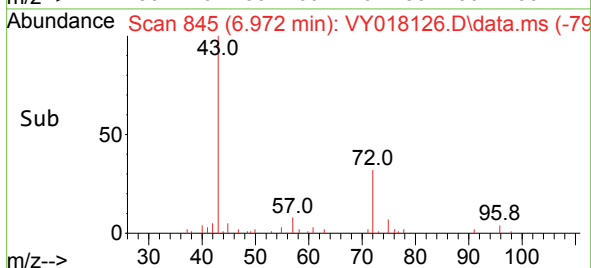
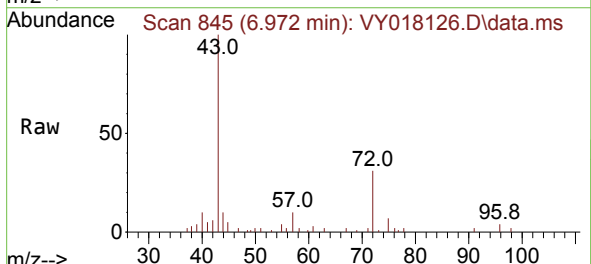


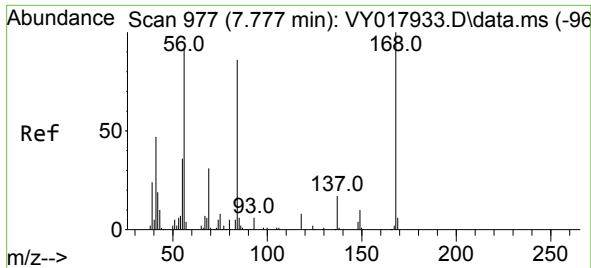
Tgt Ion:	84	Resp:	24306
Ion	Ratio	Lower	Upper
84	100		
49	96.4	84.4	126.6
51	32.6	26.0	39.0
86	63.9	49.5	74.3



#25
2-Butanone
Concen: 26.406 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Tgt Ion:	43	Resp:	16058
Ion	Ratio	Lower	Upper
43	100		
72	31.4	27.3	40.9

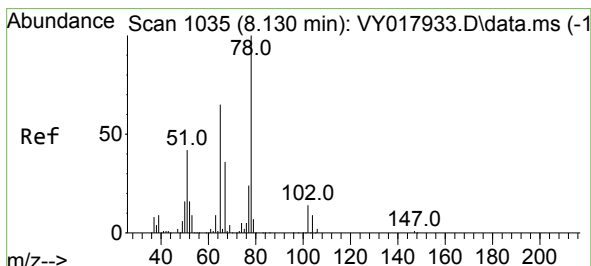
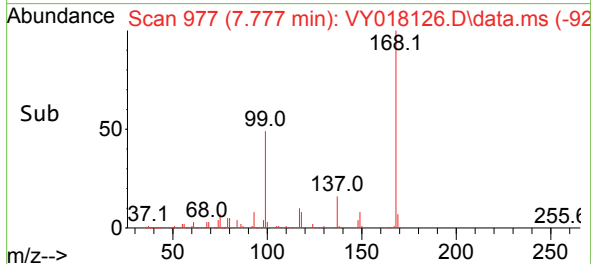
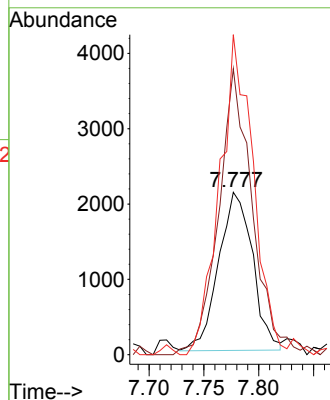
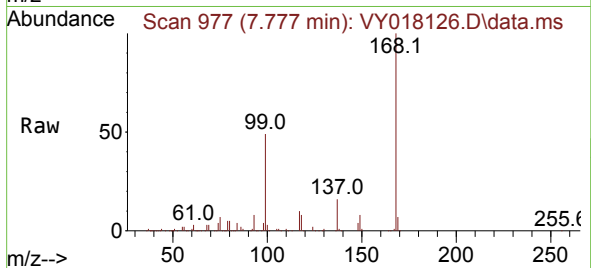




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

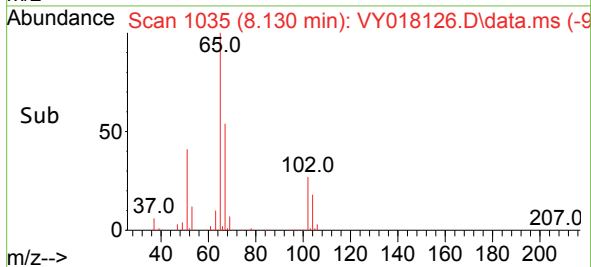
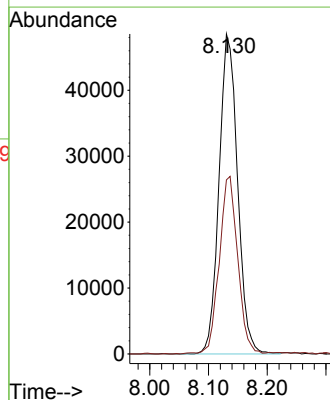
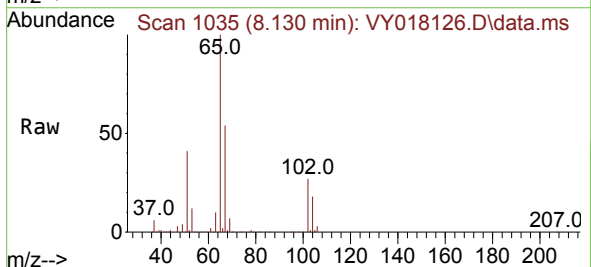
Instrument :
MSVOA_Y
ClientSampleId :

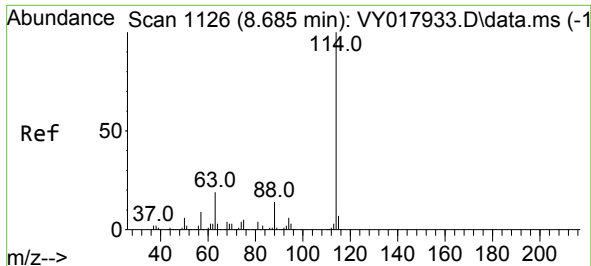
Tgt Ion: 56 Resp: 4539
Ion Ratio Lower Upper
56 100
69 177.8 28.7 43.1#
84 203.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.797 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Tgt Ion: 65 Resp: 106280
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6

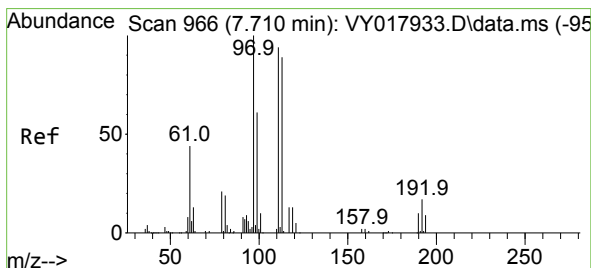
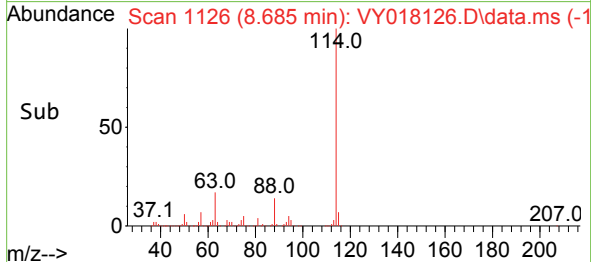
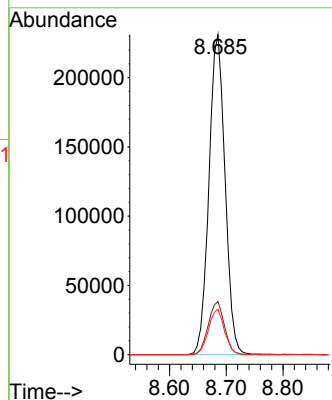
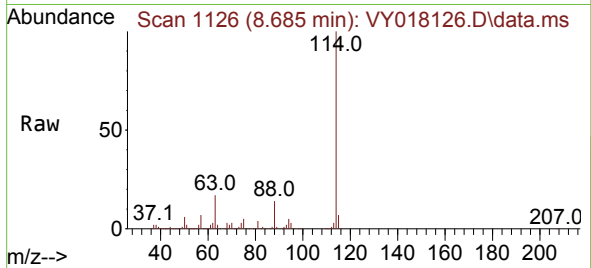




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

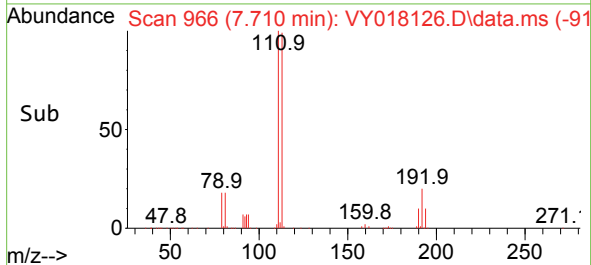
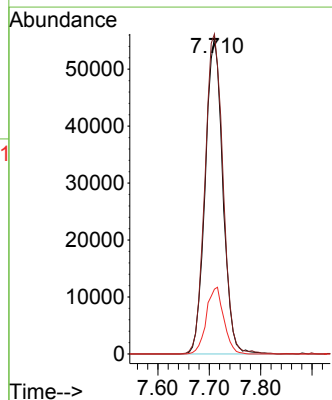
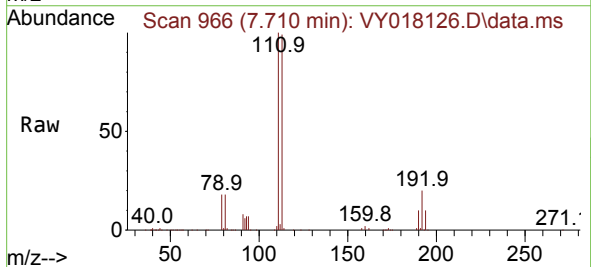
Instrument :
MSVOA_Y
ClientSampleId :

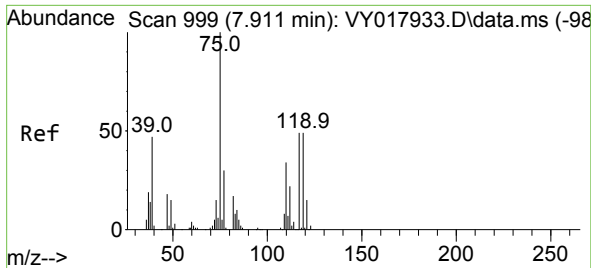
Tgt Ion:114 Resp: 455652
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.285 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Tgt Ion:113 Resp: 131671
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 20.9 15.9 23.9

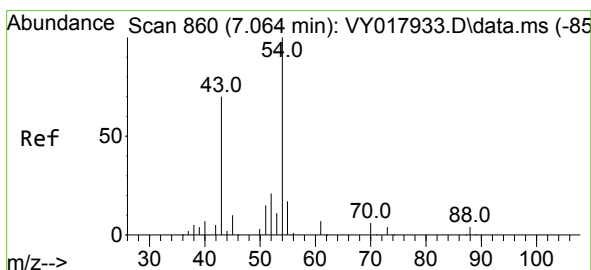
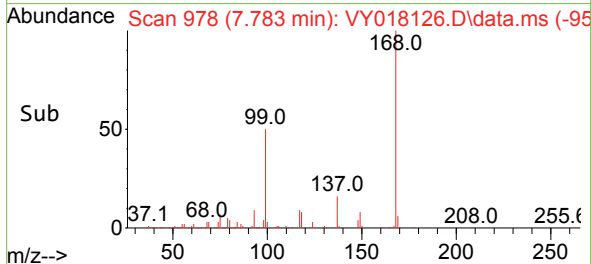
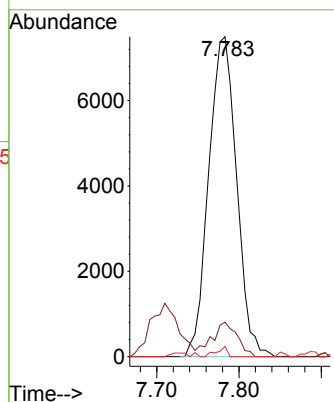
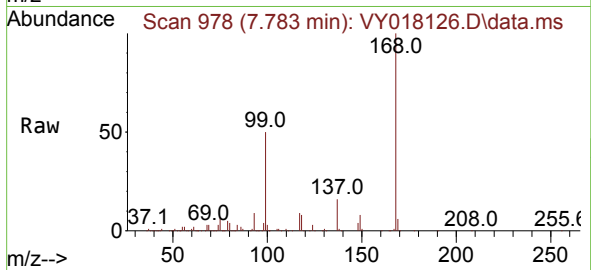




#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

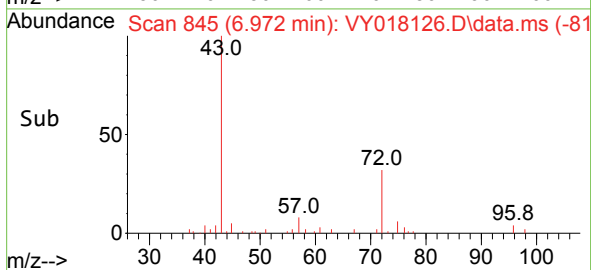
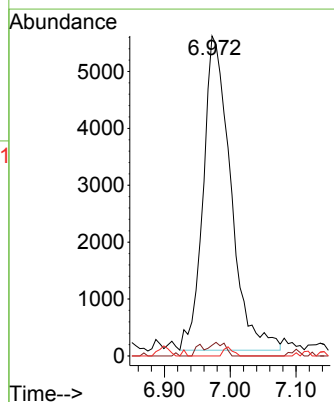
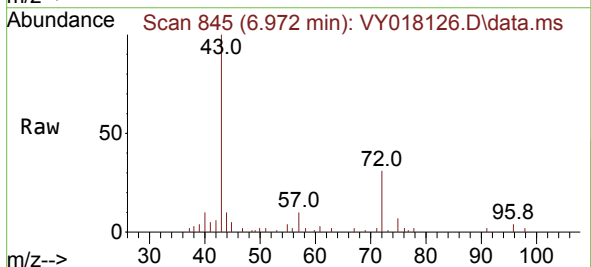
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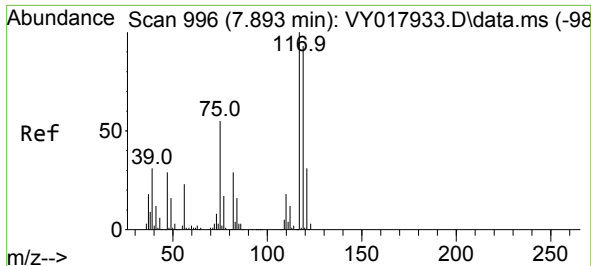
Tgt Ion: 75 Resp: 17669
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 1.2 25.3 37.9#



#37
Ethyl Acetate
Concen: 10.557 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.104 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

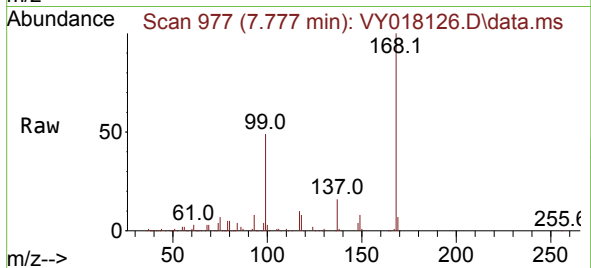
Tgt Ion: 43 Resp: 16058
Ion Ratio Lower Upper
43 100
61 2.4 12.6 19.0#
70 0.0 7.8 11.8#



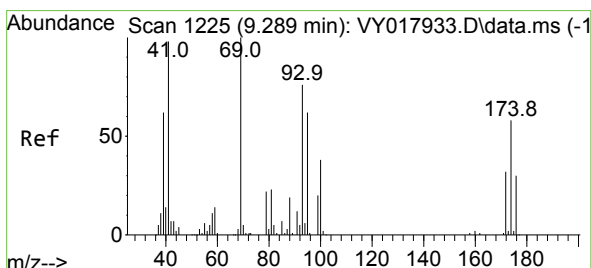
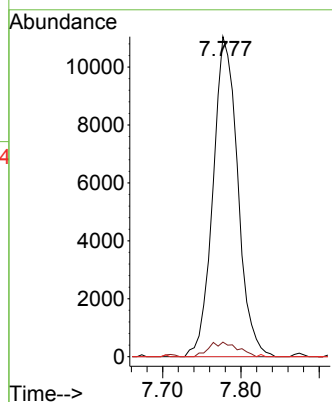
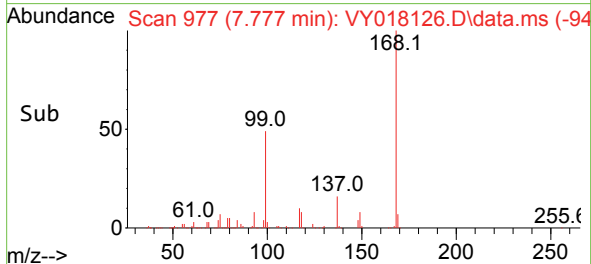


#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Instrument :
MSVOA_Y
ClientSampleId :

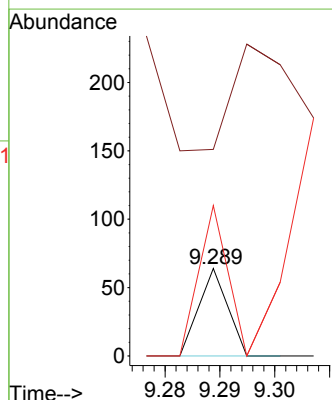
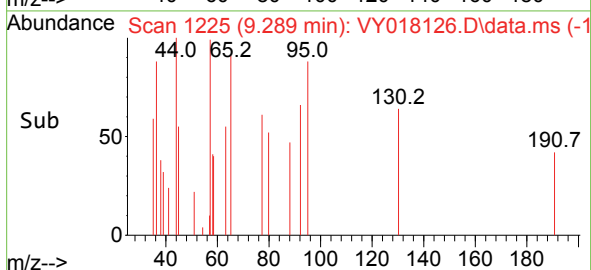
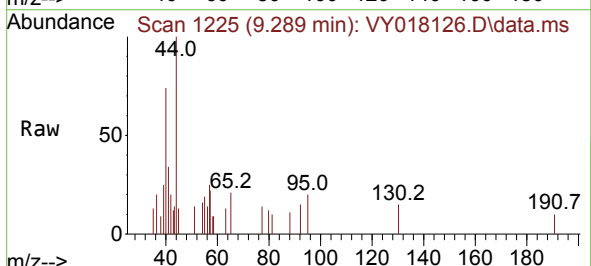


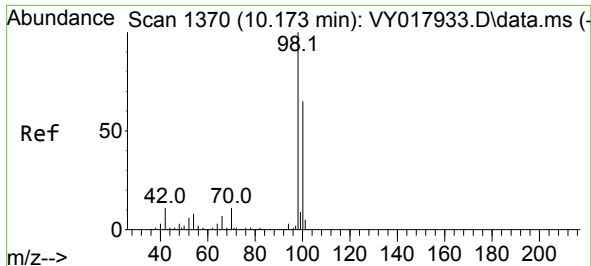
Tgt Ion:117 Resp: 24279
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.391 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.012 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 704.3 0.0 0.0#
58 173.9 49.3 73.9#

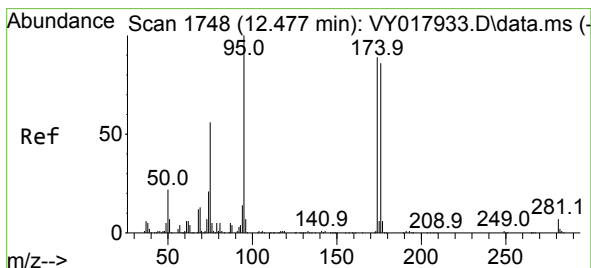
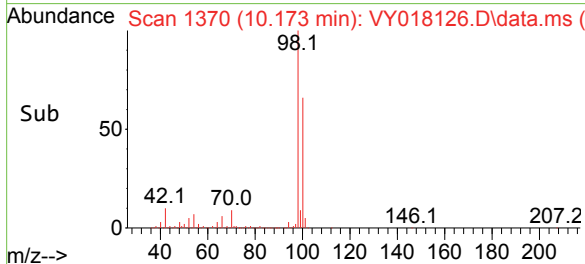
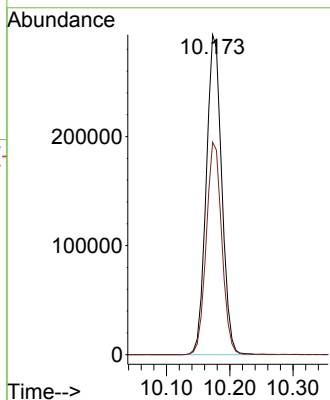
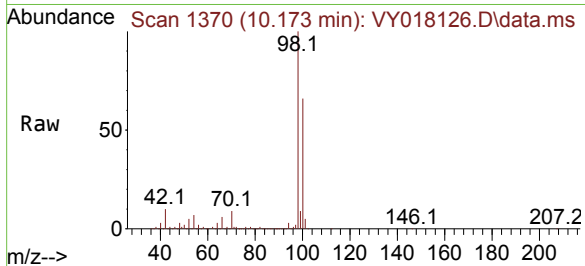




#50
Toluene-d8
Concen: 48.893 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

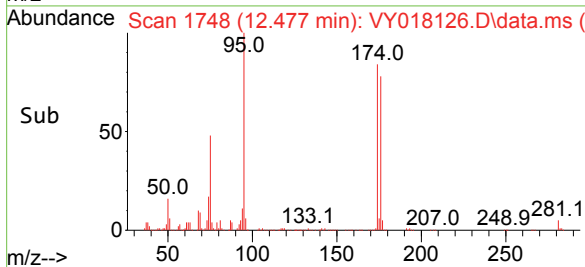
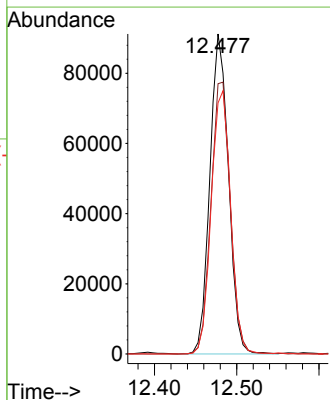
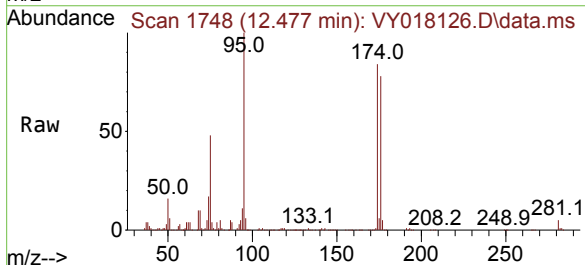
Instrument :
MSVOA_Y
ClientSampleId :

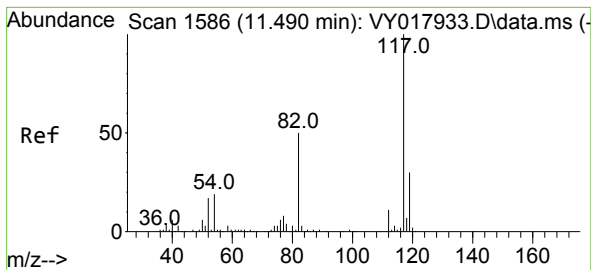
Tgt Ion: 98 Resp: 499804
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.997 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Tgt Ion: 95 Resp: 144226
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 85.4 0.0 171.4

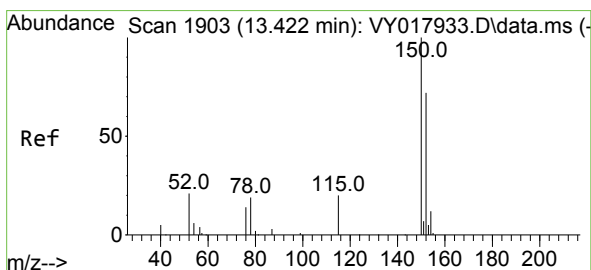
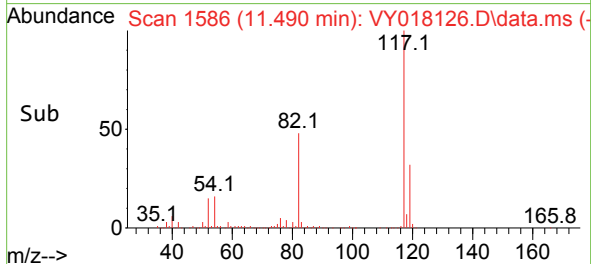
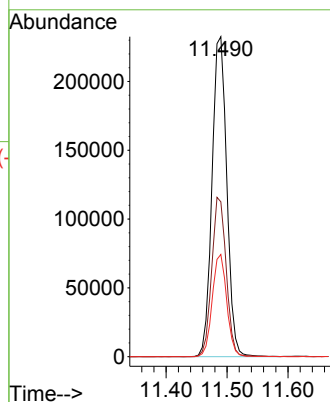
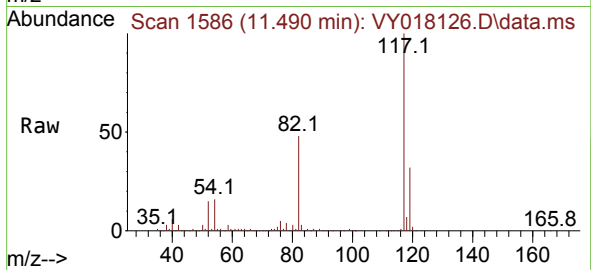




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

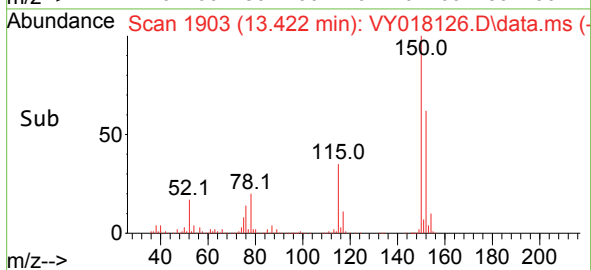
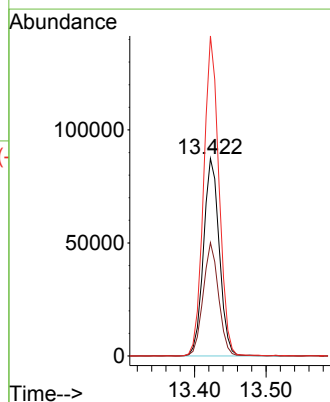
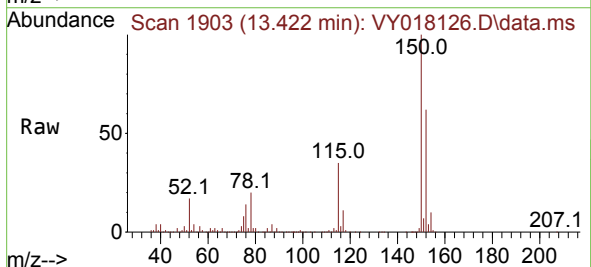
Instrument :
MSVOA_Y
ClientSampleId :

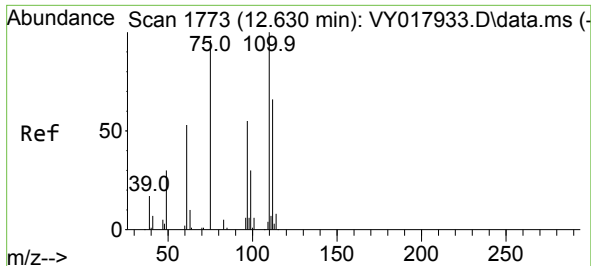
Tgt Ion:117 Resp: 391187
Ion Ratio Lower Upper
117 100
82 48.4 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Tgt Ion:152 Resp: 134309
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 157.3 0.0 345.6

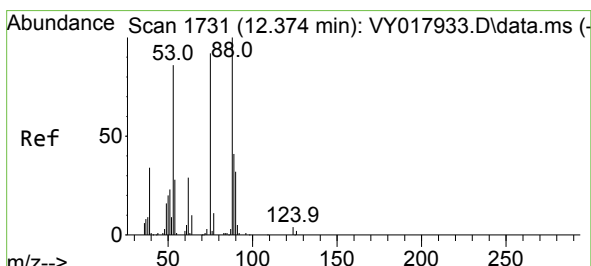
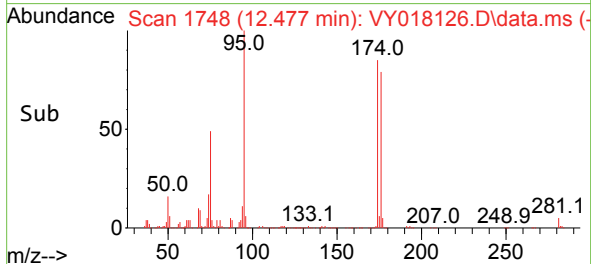
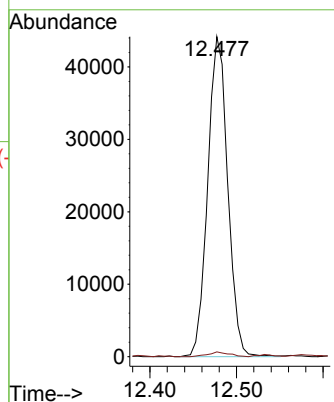
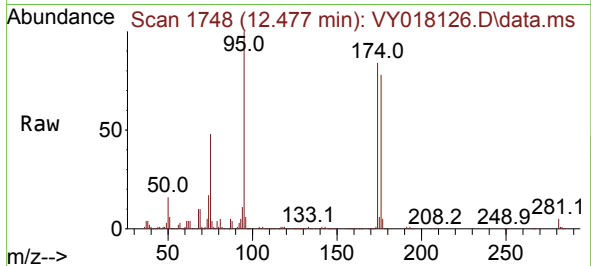




#76
1,2,3-Trichloropropane
Concen: 62.859 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

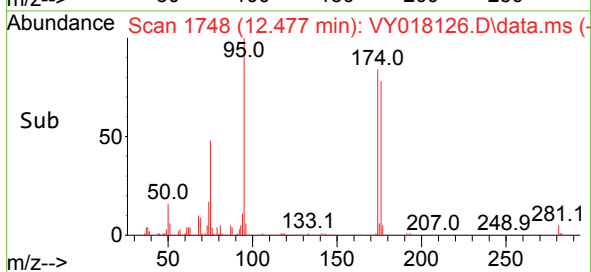
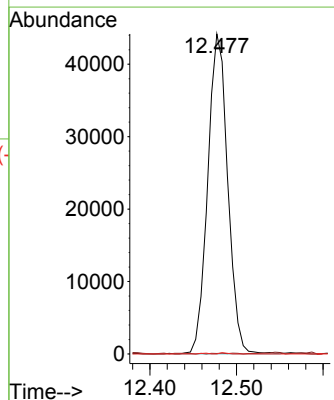
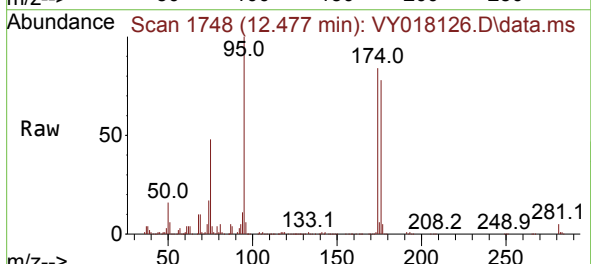
Instrument :
MSVOA_Y
ClientSampleId :

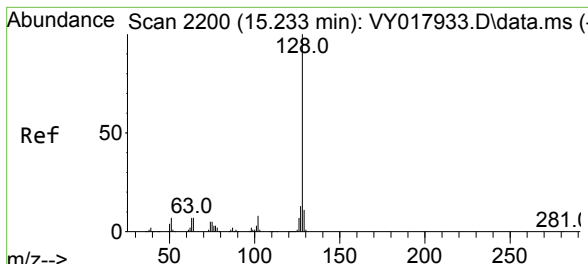
Tgt Ion: 75 Resp: 70854
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.514 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

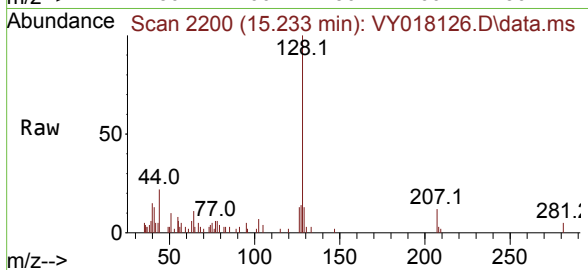
Tgt Ion: 75 Resp: 70854
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.1 35.8 53.6#





#95
 Naphthalene
 Concen: 1.035 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018126.D
 Acq: 02 May 2024 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	4262
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	13.9	8.6	13.0

