

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018466.D
 Acq On : 04 Jun 2024 16:06
 Operator : SY/MD
 Sample : P2587-04
 Misc : 3.64g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

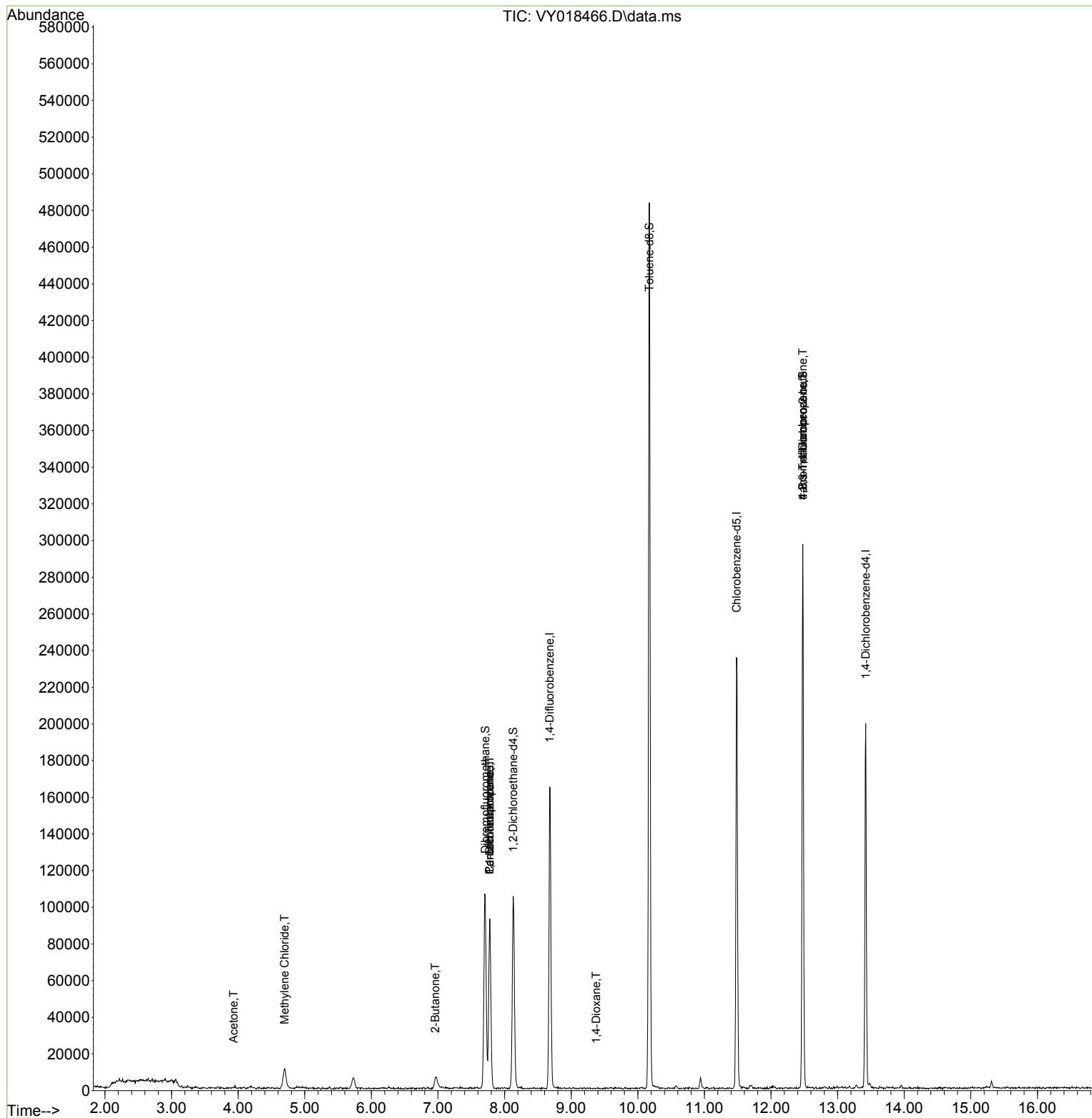
Internal Standards						
1) Pentafluorobenzene	7.777	168	65729	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	134513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	122826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76801	59.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.000%
35) Dibromofluoromethane	7.710	113	74832	43.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.740%
50) Toluene-d8	10.173	98	300213	44.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.480%
62) 4-Bromofluorobenzene	12.477	95	87277	41.309	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	742	Below Cal		100
16) Acetone	3.930	43	611	2.133	ug/l #	49
20) Methylene Chloride	4.698	84	7393	1.755	ug/l #	68
25) 2-Butanone	6.960	43	454	1.034	ug/l #	41
36) 1,1-Dichloropropene	7.777	75	6651	2.557	ug/l #	49
38) Carbon Tetrachloride	7.777	117	7380	2.832	ug/l #	19
49) 1,4-Dioxane	9.374	88	86	6.409	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	47928	84.132	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47928	176.757	ug/l #	16

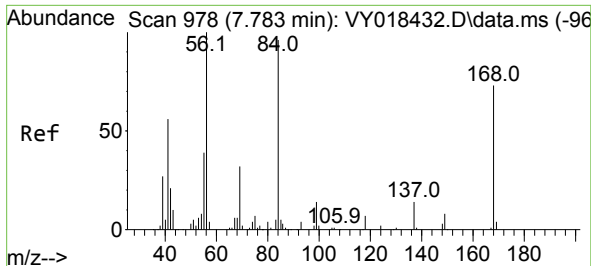
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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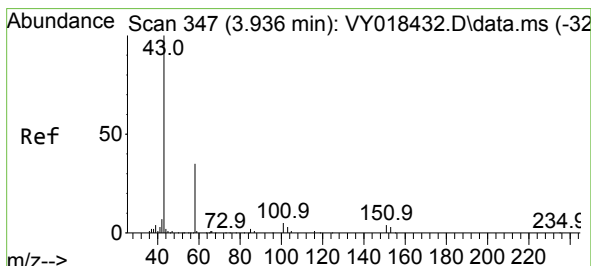
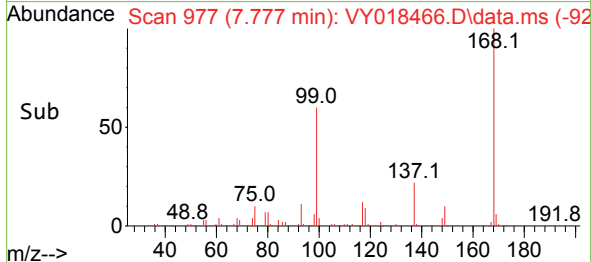
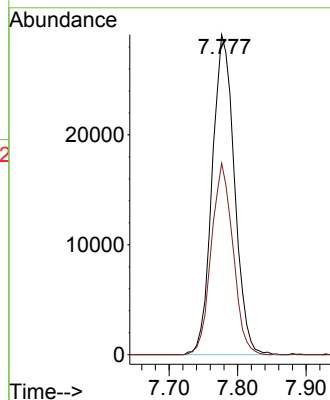
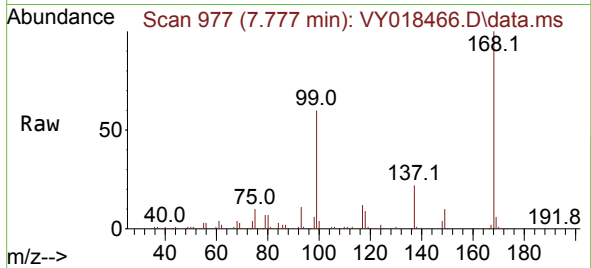




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

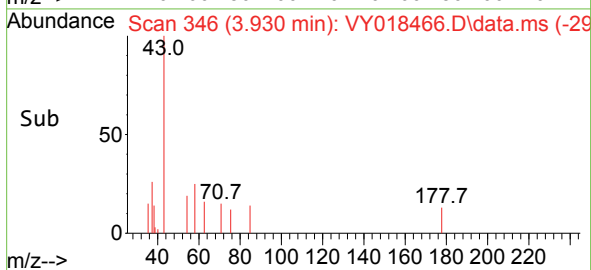
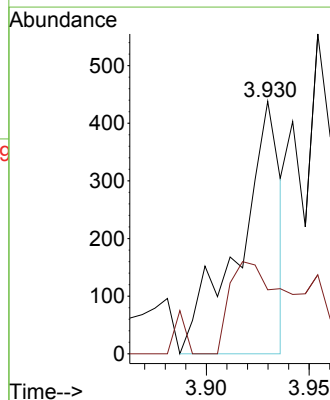
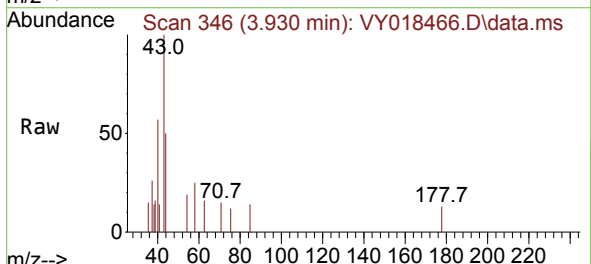
Instrument :
MSVOA_Y
ClientSampleId :

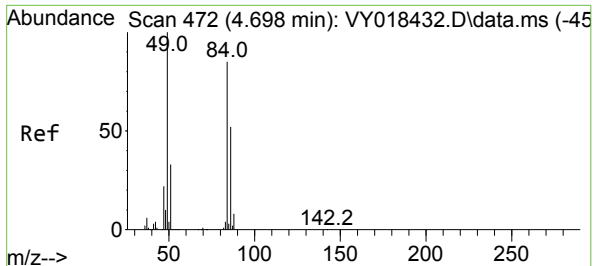
Tgt Ion:168 Resp: 65729
Ion Ratio Lower Upper
168 100
99 59.8 39.1 58.7#



#16
Acetone
Concen: 2.133 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

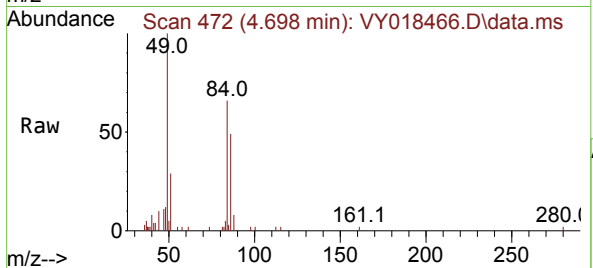
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 8.2 31.7 47.5#



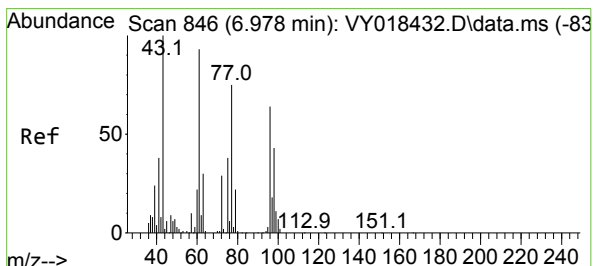
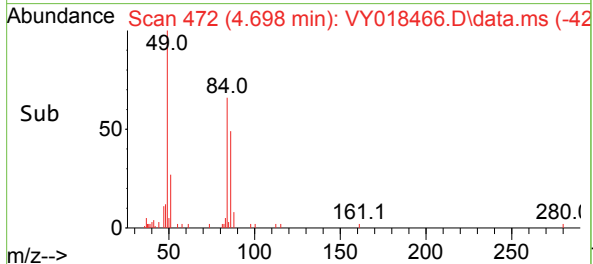
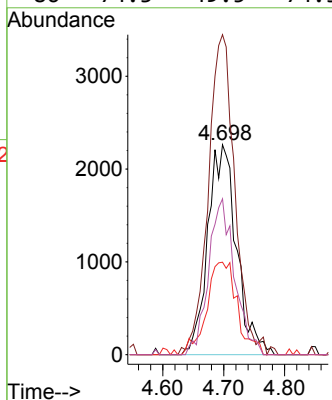


#20
Methylene Chloride
Concen: 1.755 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

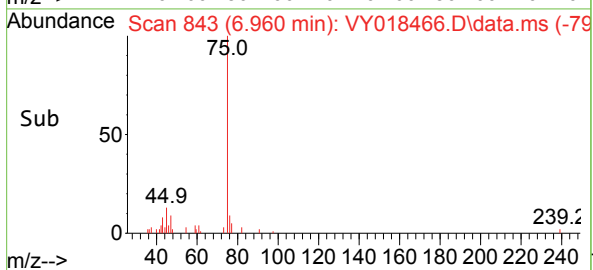
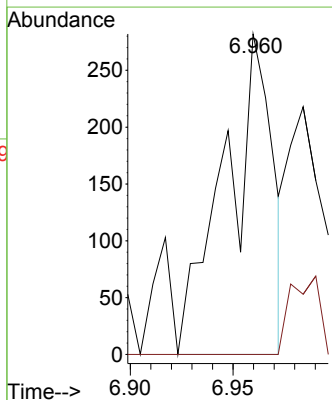
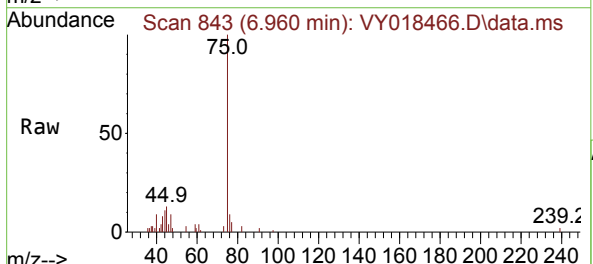


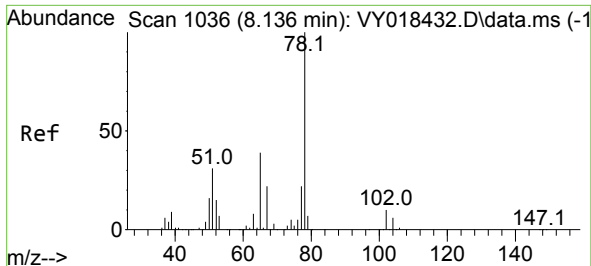
Tgt Ion:	84	Resp:	7393
Ion	Ratio	Lower	Upper
84	100		
49	152.5	84.4	126.6#
51	44.1	26.0	39.0#
86	74.3	49.5	74.3



#25
2-Butanone
Concen: 1.034 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

Tgt Ion:	43	Resp:	454
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

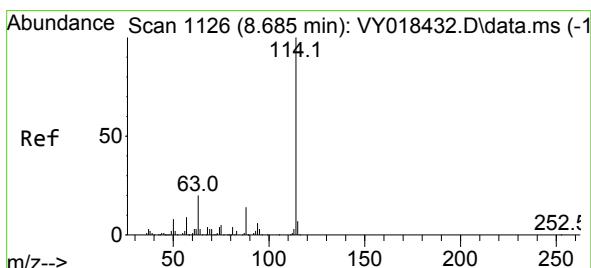
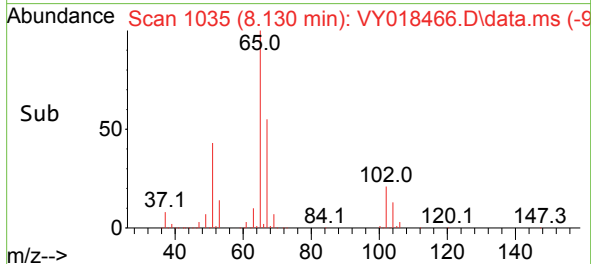
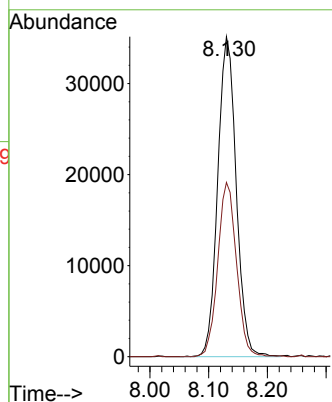
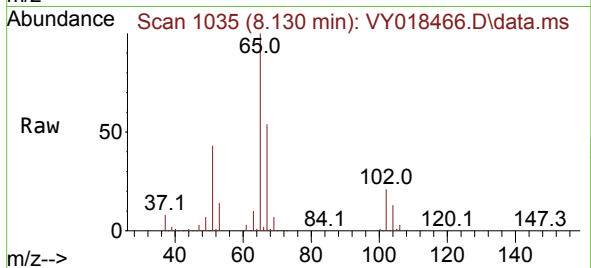




#33
 1,2-Dichloroethane-d4
 Concen: 59.498 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY018466.D
 Acq: 04 Jun 2024 16:06

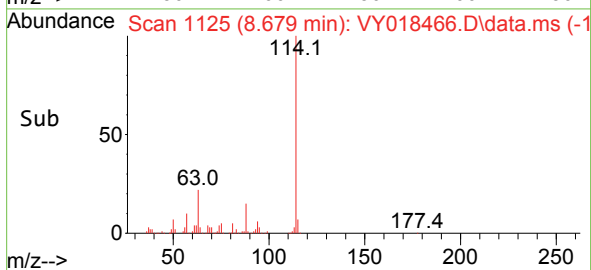
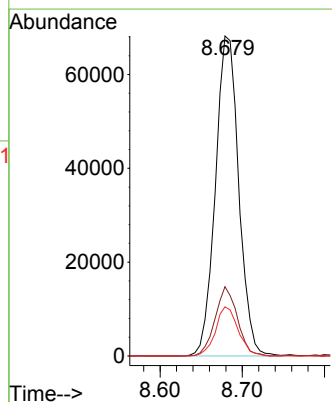
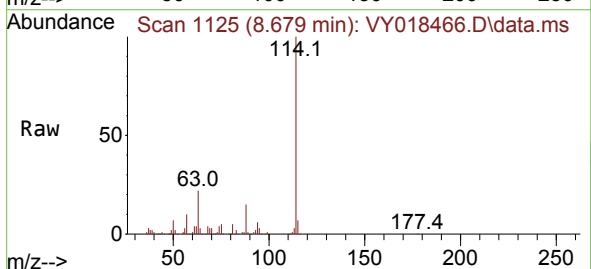
Instrument :
 MSVOA_Y
 ClientSampleId :

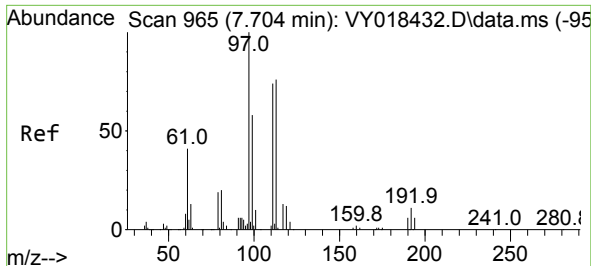
Tgt Ion: 65 Resp: 76801
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VY018466.D
 Acq: 04 Jun 2024 16:06

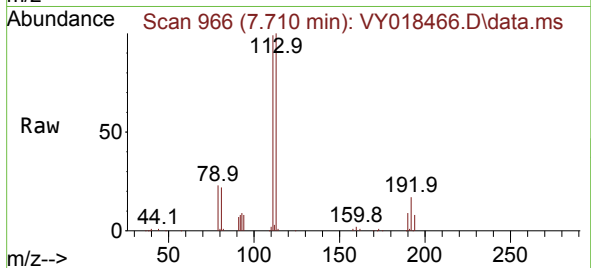
Tgt Ion: 114 Resp: 134513
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 35.0
 88 15.3 0.0 27.2



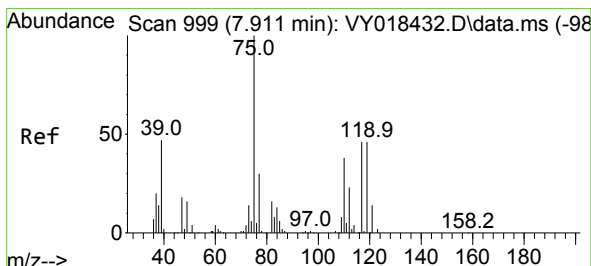
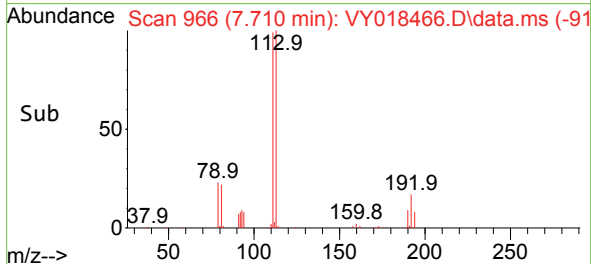
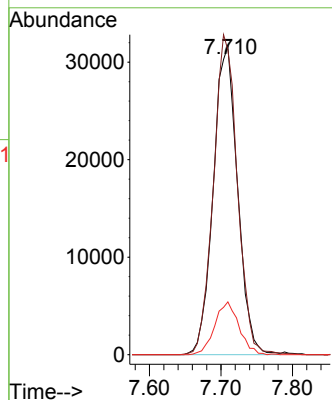


#35
Dibromofluoromethane
Concen: 43.871 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

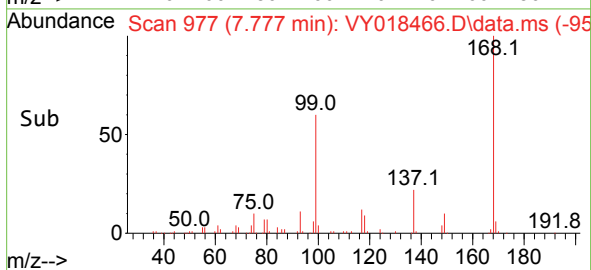
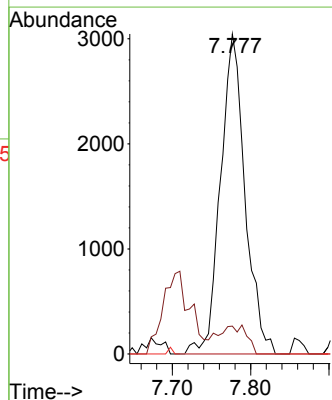
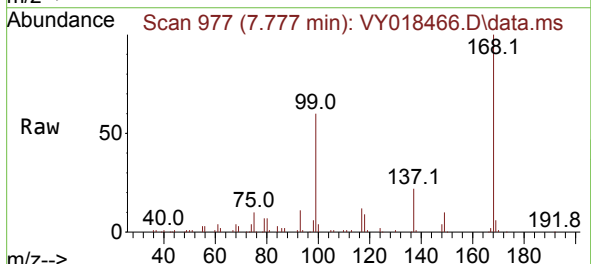


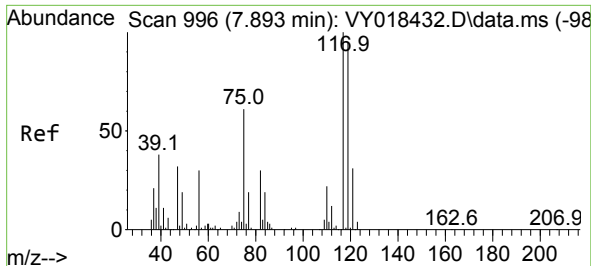
Tgt Ion:113 Resp: 74832
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.557 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

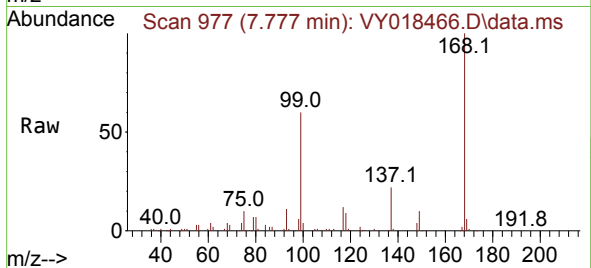
Tgt Ion: 75 Resp: 6651
Ion Ratio Lower Upper
75 100
110 10.3 19.0 57.0#
77 0.0 25.3 37.9#



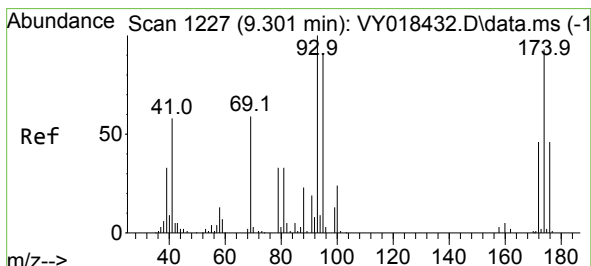
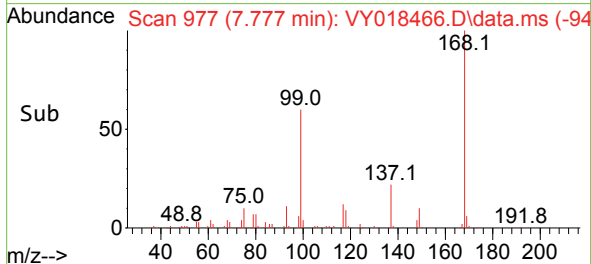
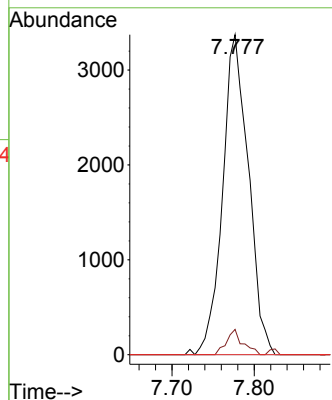


#38
Carbon Tetrachloride
Concen: 2.832 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

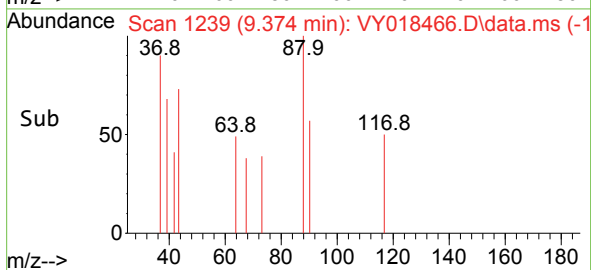
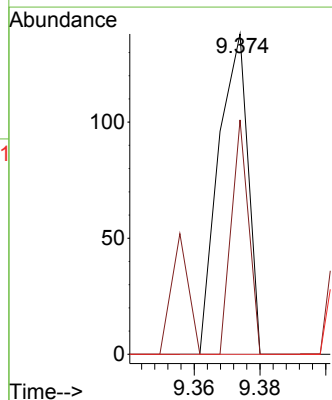
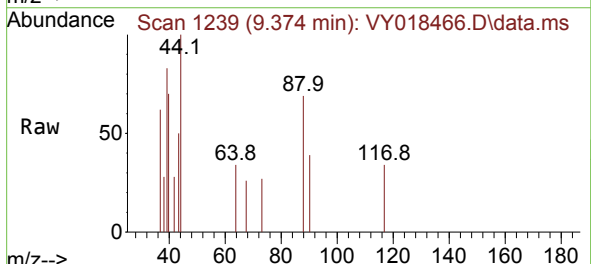


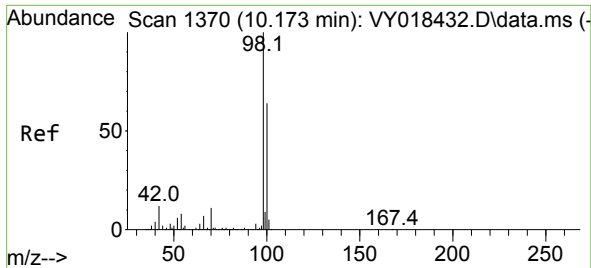
Tgt Ion:117 Resp: 7380
Ion Ratio Lower Upper
117 100
119 7.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 6.409 ug/l
RT: 9.374 min Scan# 1239
Delta R.T. 0.073 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 43.0 0.0 0.0#
58 0.0 49.3 73.9#

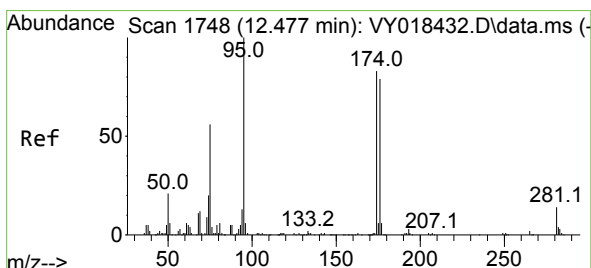
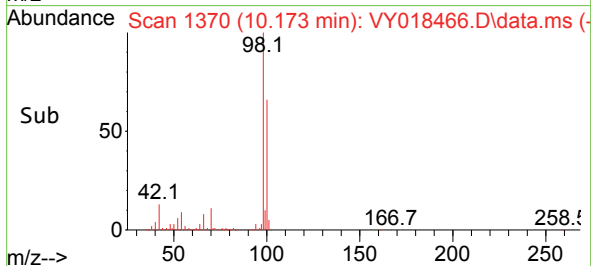
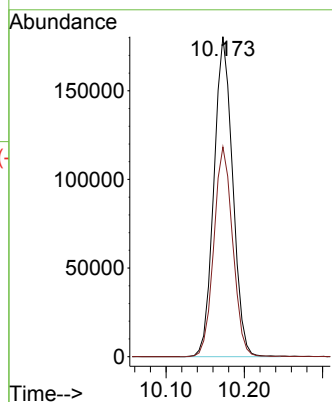
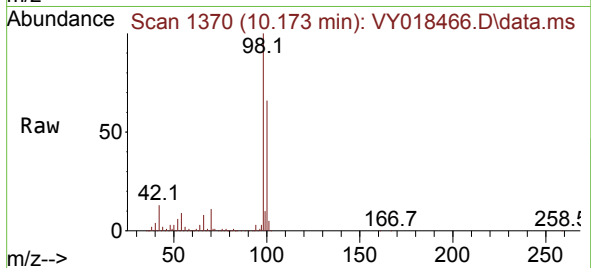




#50
Toluene-d8
Concen: 44.241 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

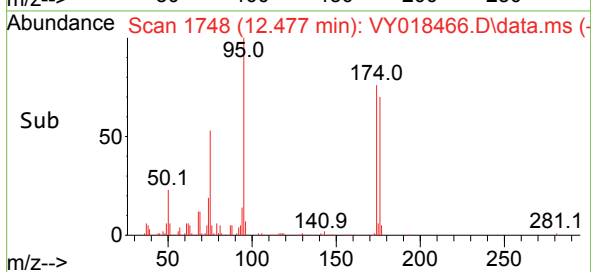
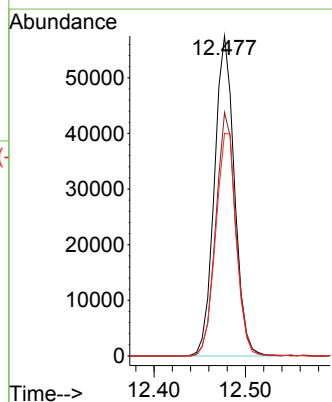
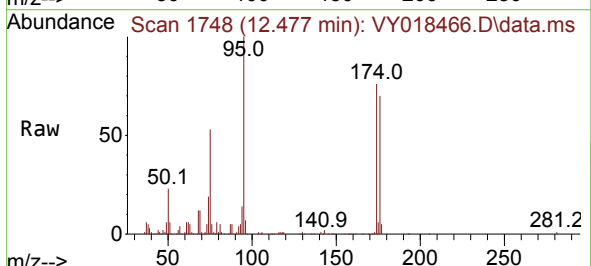
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MSVOA_Y
ClientSampleId :

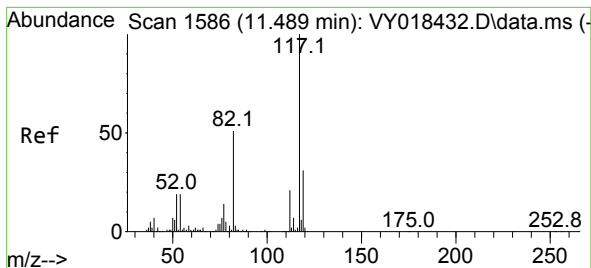
Tgt Ion: 98 Resp: 300213
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.309 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

Tgt Ion: 95 Resp: 87277
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 72.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

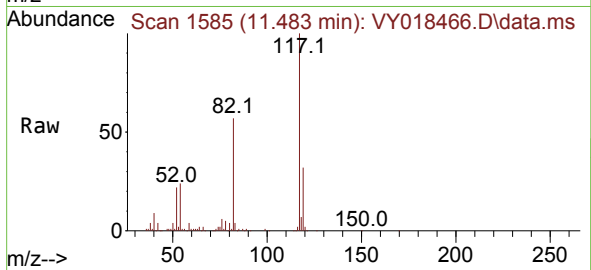
Lab File: VY018466.D

Acq: 04 Jun 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :



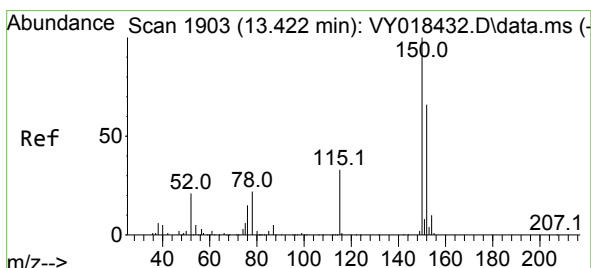
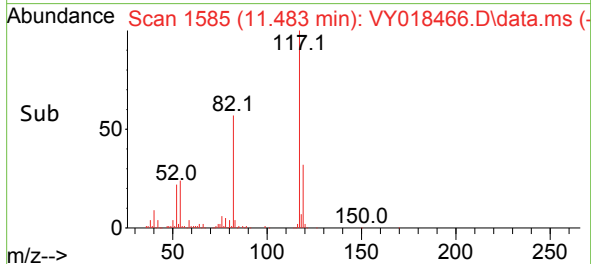
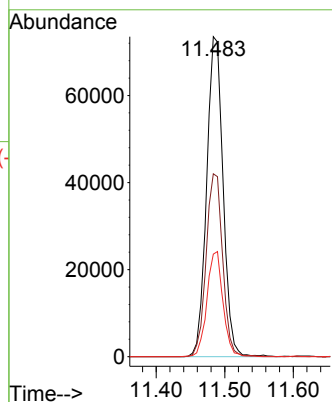
Tgt Ion:117 Resp: 122826

Ion Ratio Lower Upper

117 100

82 57.1 42.4 63.6

119 32.0 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: VY018466.D

Acq: 04 Jun 2024 16:06

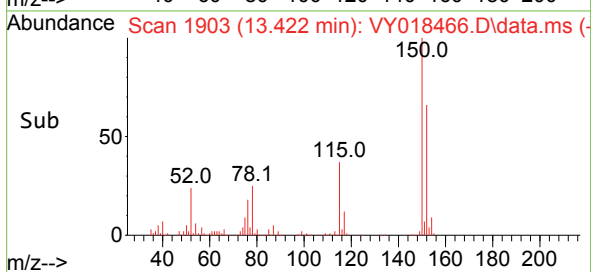
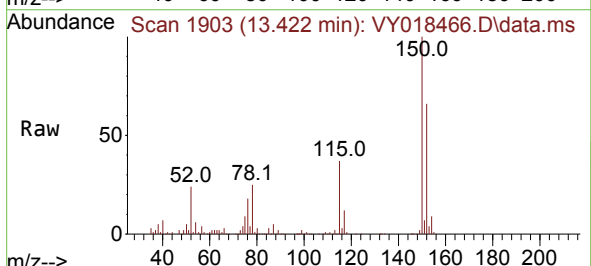
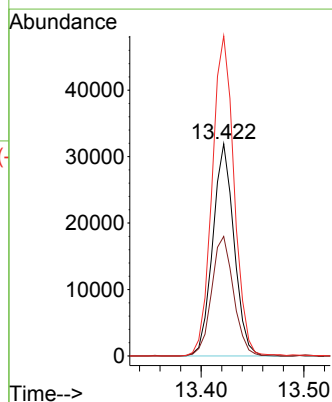
Tgt Ion:152 Resp: 45941

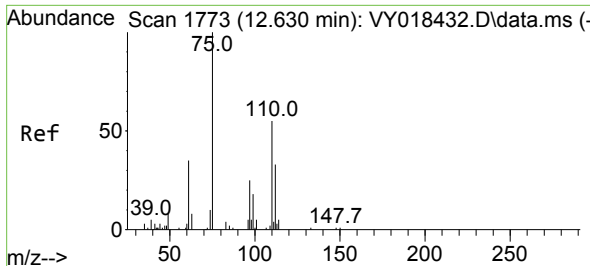
Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 155.8 0.0 345.6

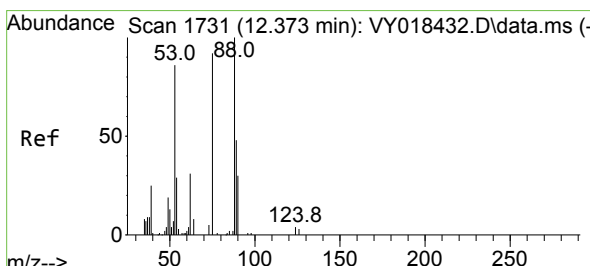
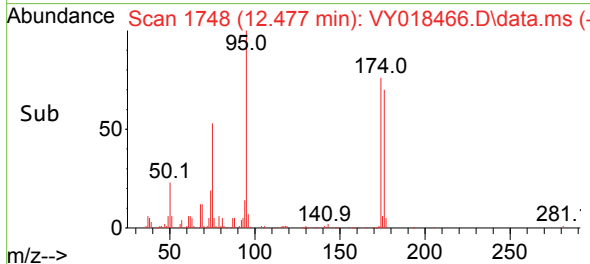
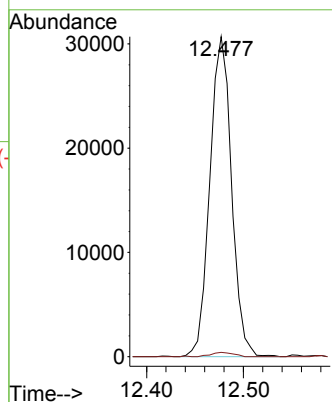
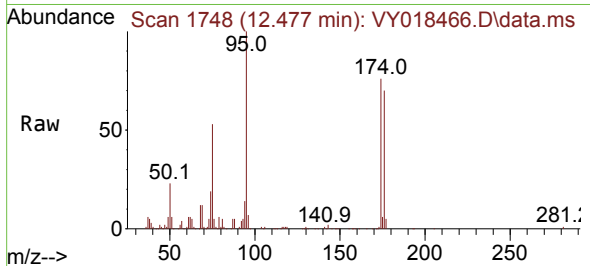




#76
1,2,3-Trichloropropane
Concen: 84.132 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47928
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 176.757 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018466.D
Acq: 04 Jun 2024 16:06

Tgt Ion: 75 Resp: 47928
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

