

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018476.D
 Acq On : 04 Jun 2024 20:14
 Operator : SY/MD
 Sample : P2704-07
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:31:35 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)

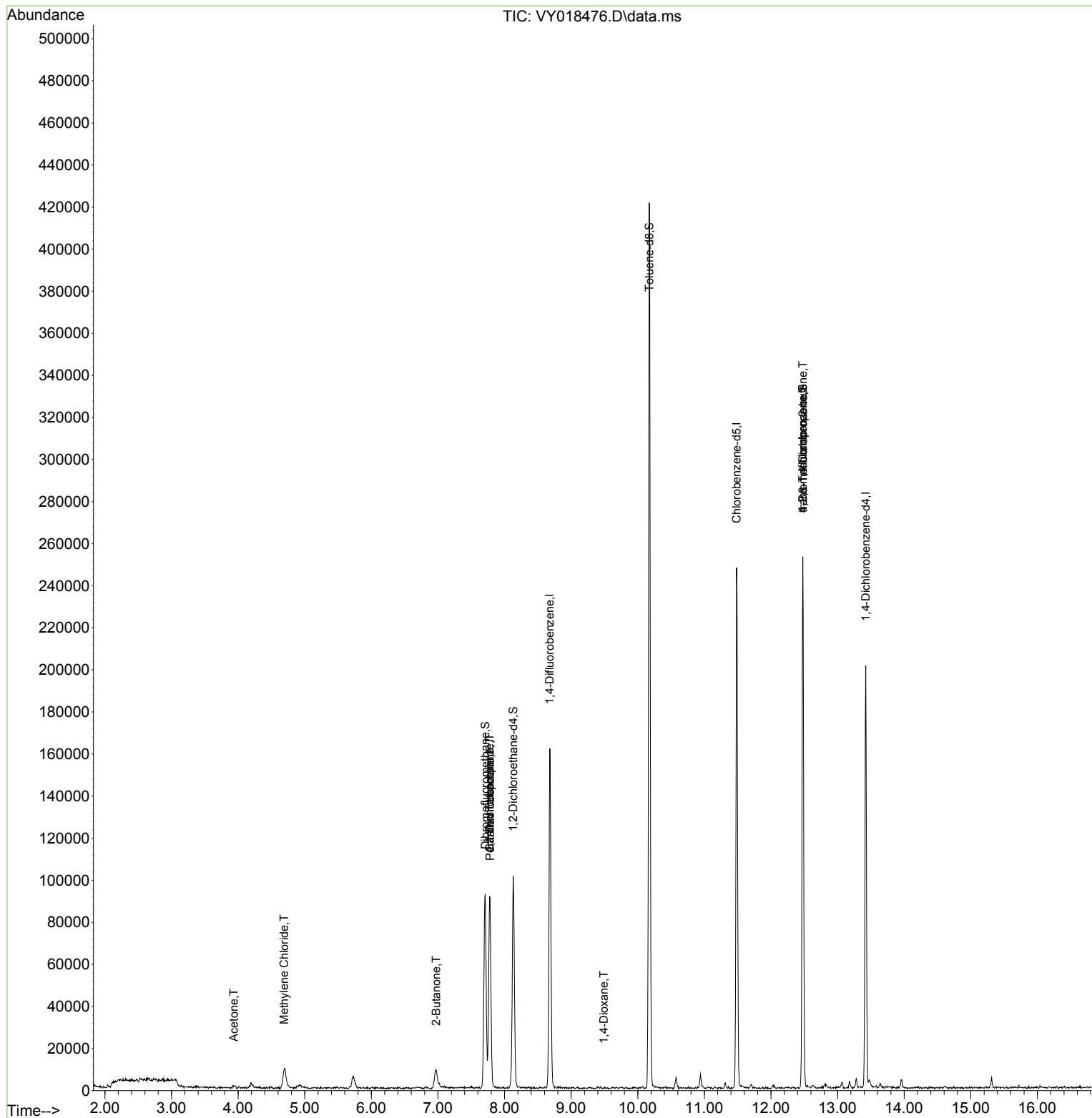
Internal Standards						
1) Pentafluorobenzene	7.783	168	64961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	131071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	126852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	72390	56.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.480%
35) Dibromofluoromethane	7.710	113	63833	38.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.820%
50) Toluene-d8	10.173	98	264278	39.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.940%
62) 4-Bromofluorobenzene	12.477	95	72589	35.259	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.520%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.924	59	1443	Below Cal		99
16) Acetone	3.936	43	1495	5.280	ug/l	93
20) Methylene Chloride	4.692	84	6631	1.330	ug/l #	87
25) 2-Butanone	6.972	43	1022	2.356	ug/l #	72
36) 1,1-Dichloropropene	7.777	75	6408	2.529	ug/l #	48
38) Carbon Tetrachloride	7.777	117	6864	2.703	ug/l #	15
49) 1,4-Dioxane	9.490	88	29	2.218	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	41593	73.448	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41593	154.310	ug/l #	16

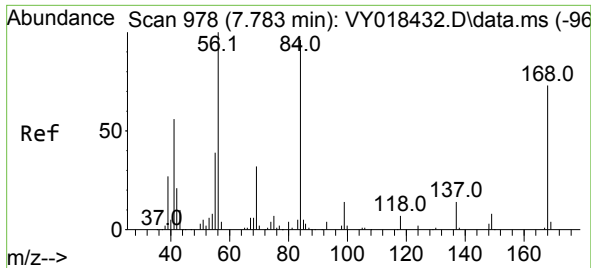
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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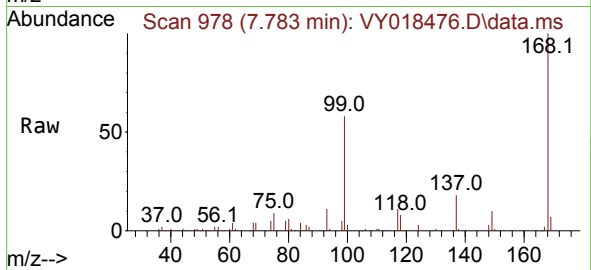
Quant Time: Jun 05 01:31:35 2024
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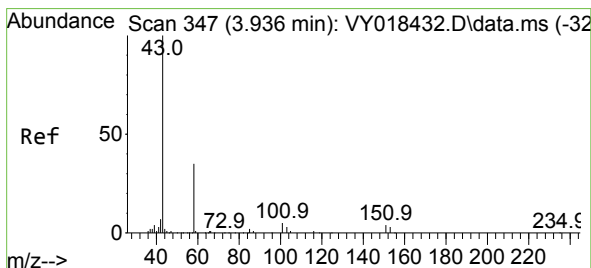
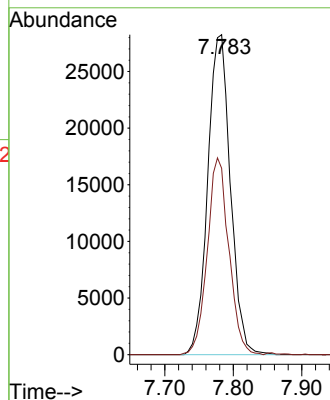
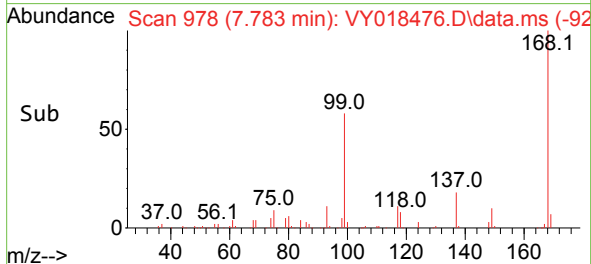


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Instrument :
MSVOA_Y
ClientSampleId :

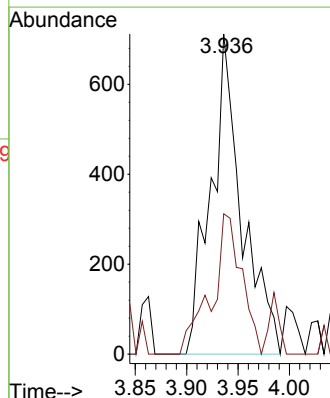
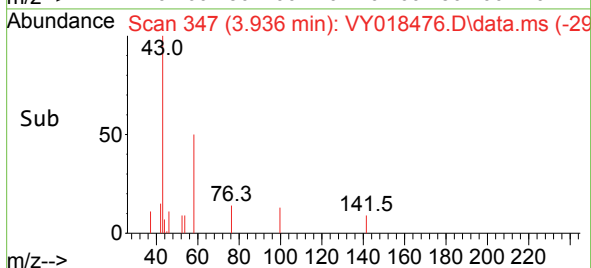
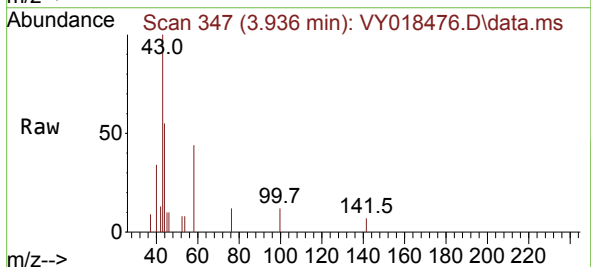


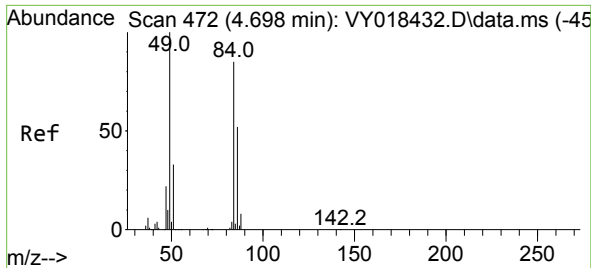
Tgt Ion:168 Resp: 64961
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#16
Acetone
Concen: 5.280 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 43.8 31.7 47.5

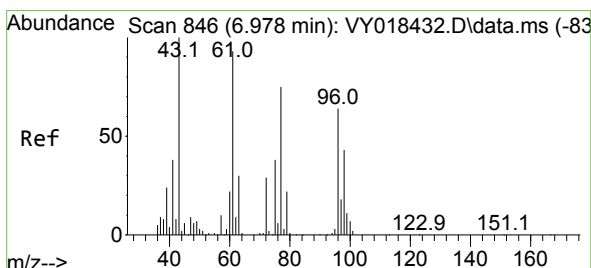
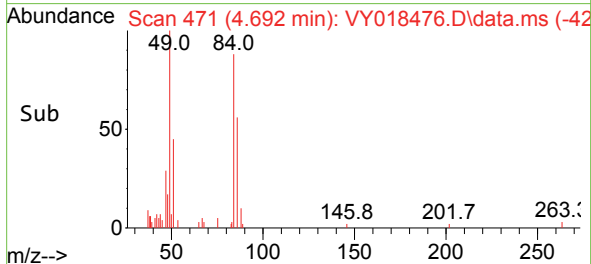
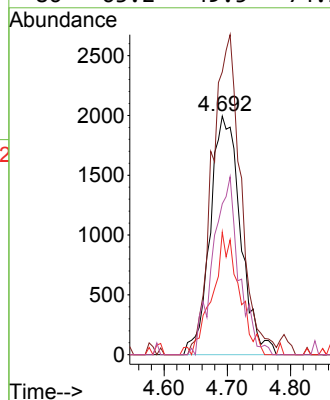
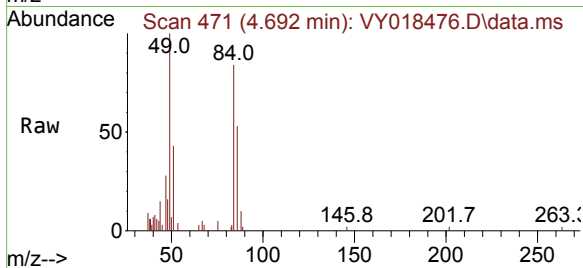




#20
Methylene Chloride
Concen: 1.330 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

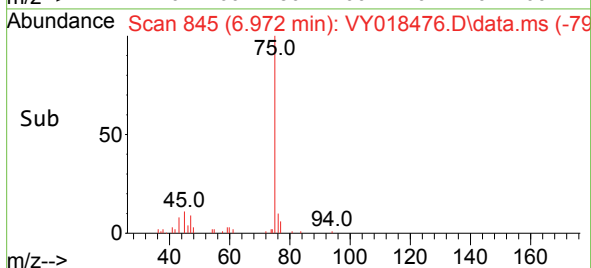
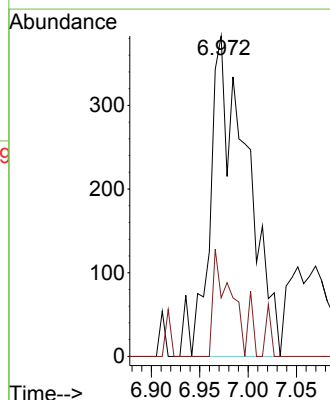
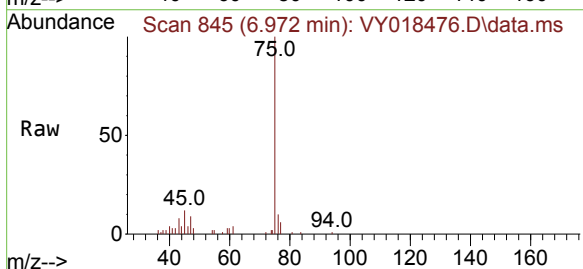
Instrument :
MSVOA_Y
ClientSampleId :

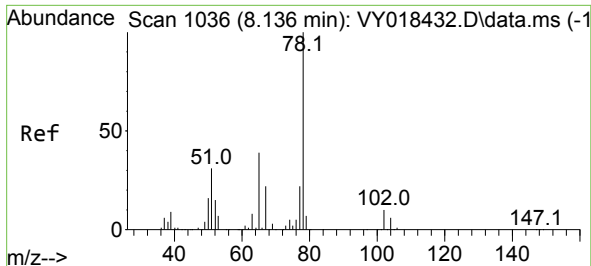
Tgt Ion:	84	Resp:	6631
Ion	Ratio	Lower	Upper
84	100		
49	118.5	84.4	126.6
51	51.4	26.0	39.0#
86	63.2	49.5	74.3



#25
2-Butanone
Concen: 2.356 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Tgt Ion:	43	Resp:	1022
Ion	Ratio	Lower	Upper
43	100		
72	18.3	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 56.744 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018476.D

Acq: 04 Jun 2024 20:14

Instrument :

MSVOA_Y

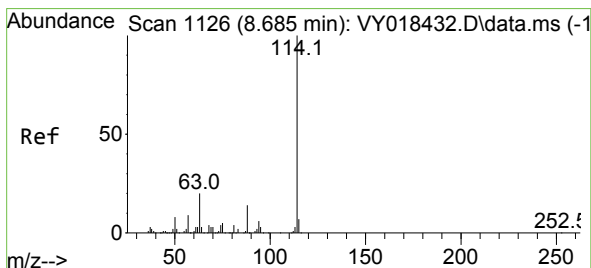
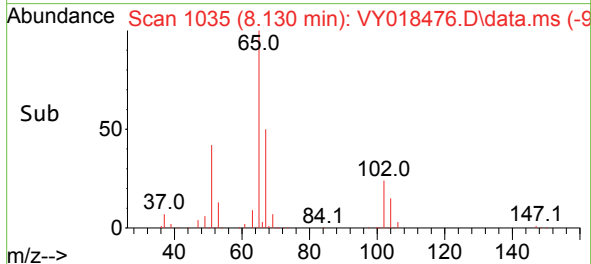
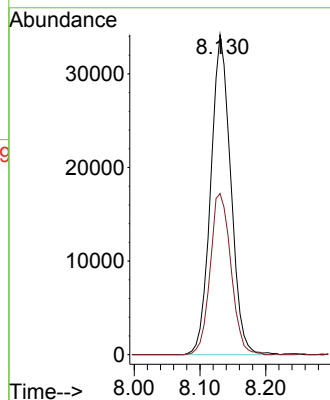
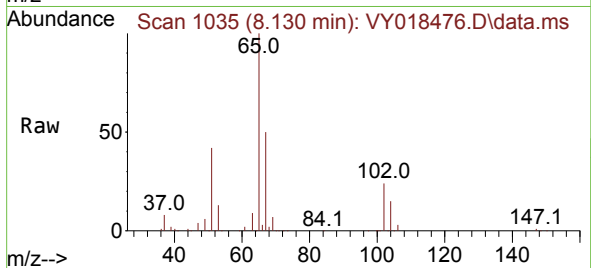
ClientSampleId :

Tgt Ion: 65 Resp: 72390

Ion Ratio Lower Upper

65 100

67 52.3 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: VY018476.D

Acq: 04 Jun 2024 20:14

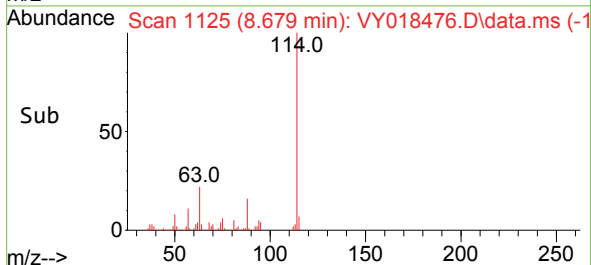
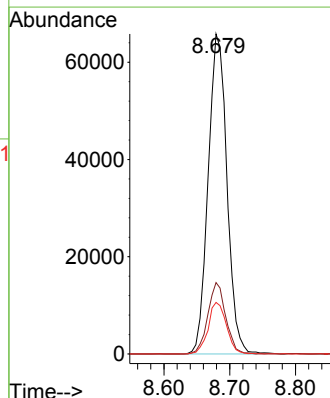
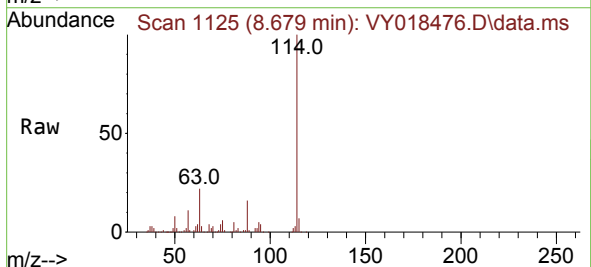
Tgt Ion: 114 Resp: 131071

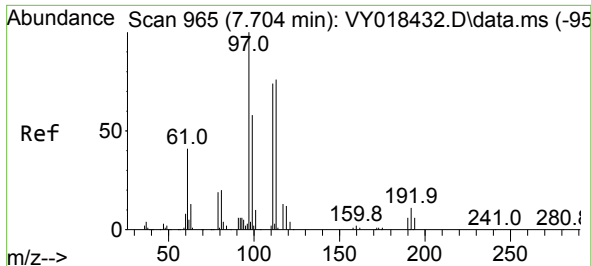
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

88 16.1 0.0 27.2

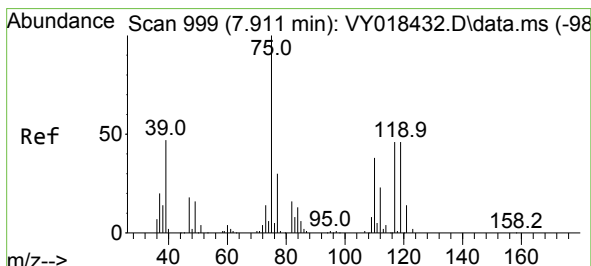
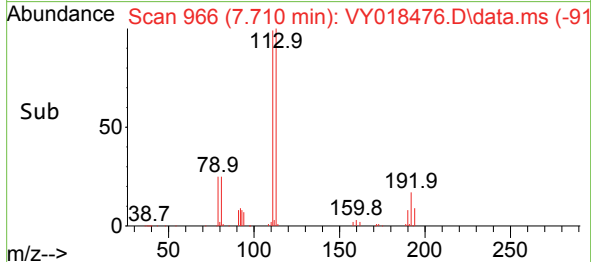
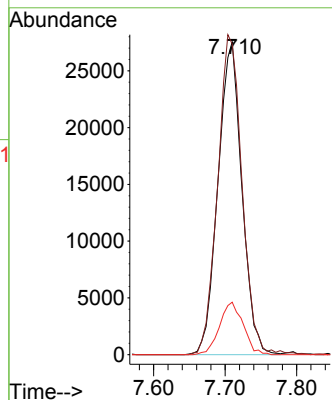
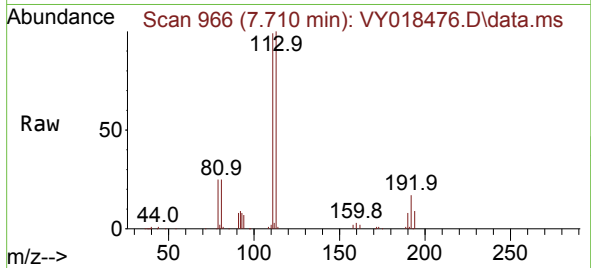




#35
Dibromofluoromethane
Concen: 38.406 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

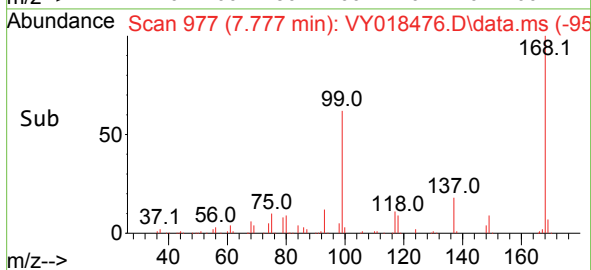
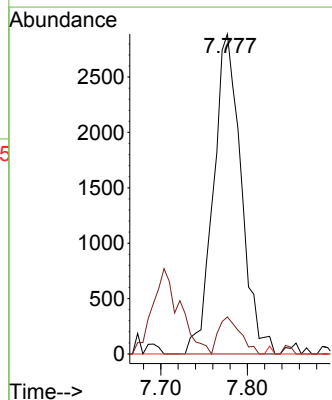
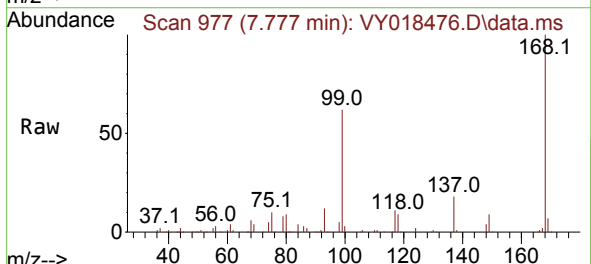
Instrument :
MSVOA_Y
ClientSampleId :

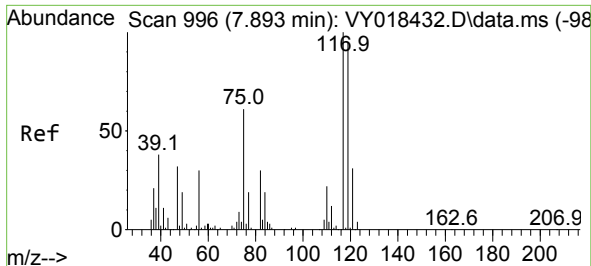
Tgt Ion:113 Resp: 63833
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 16.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.529 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

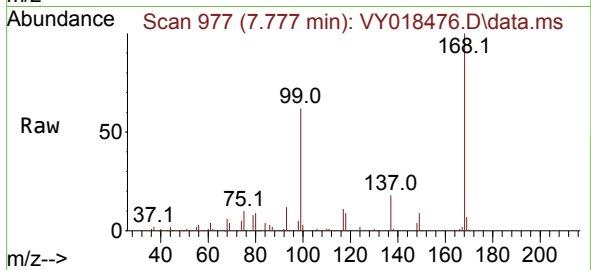
Tgt Ion: 75 Resp: 6408
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



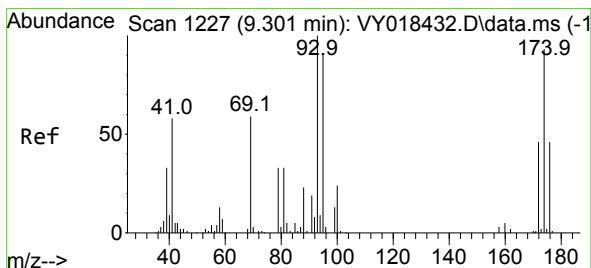
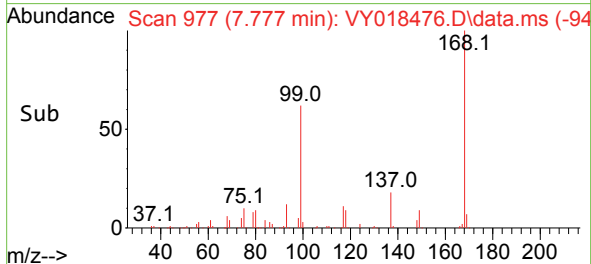
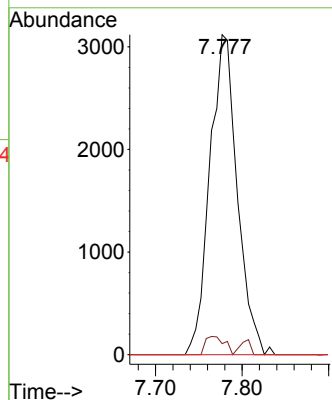


#38
Carbon Tetrachloride
Concen: 2.703 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Instrument :
MSVOA_Y
ClientSampleId :

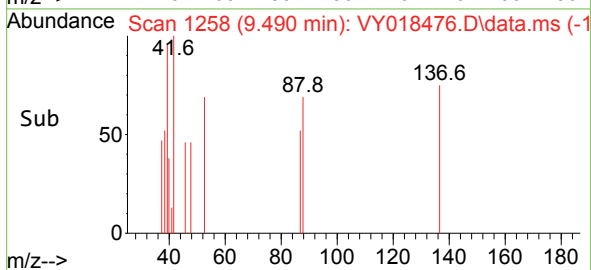
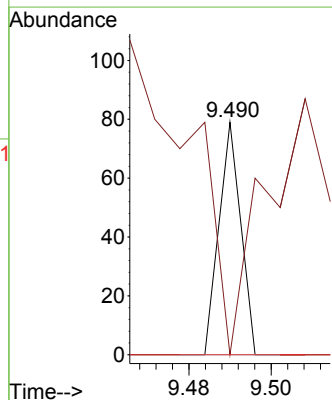
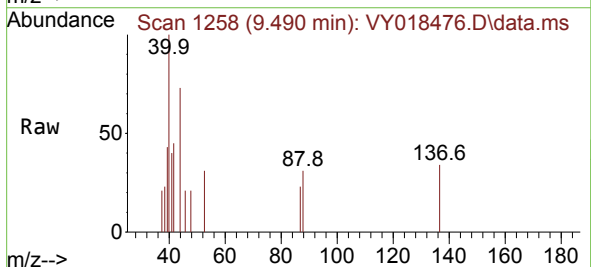


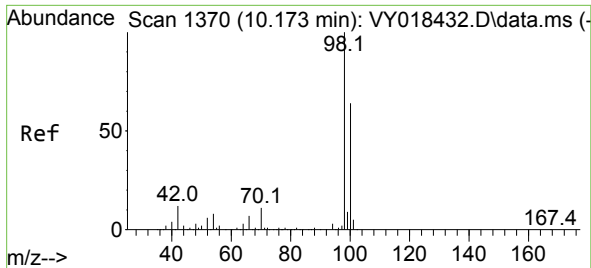
Tgt Ion:117 Resp: 6864
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.218 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.189 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 313.8 0.0 0.0#
58 0.0 49.3 73.9#

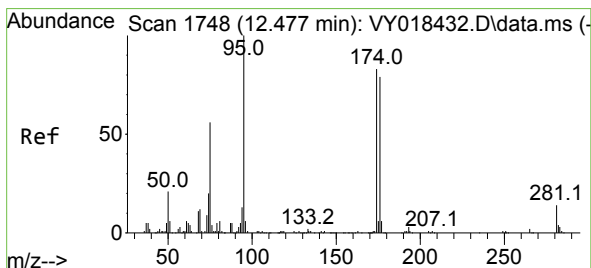
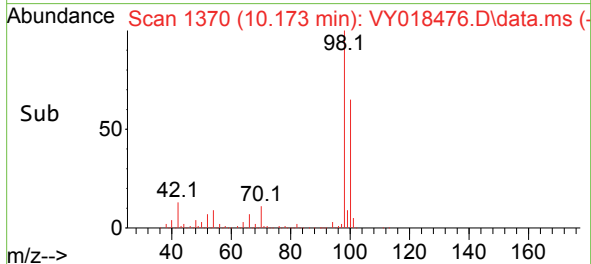
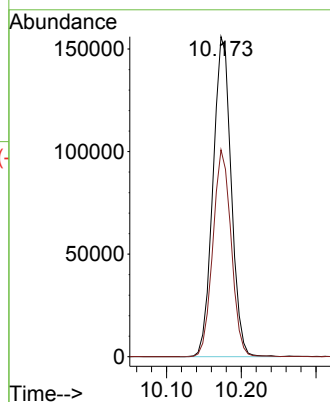
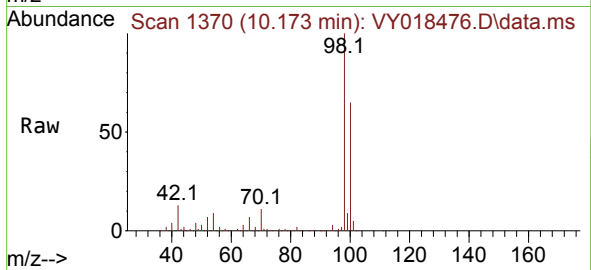




#50
Toluene-d8
Concen: 39.969 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

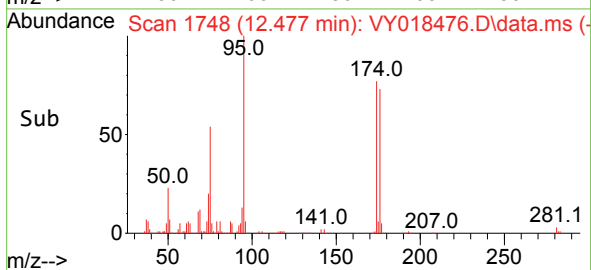
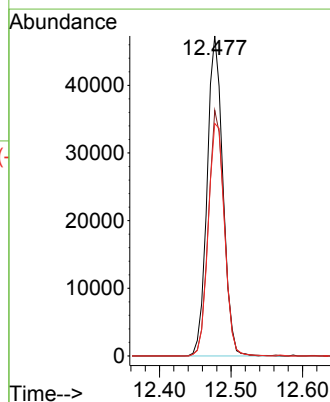
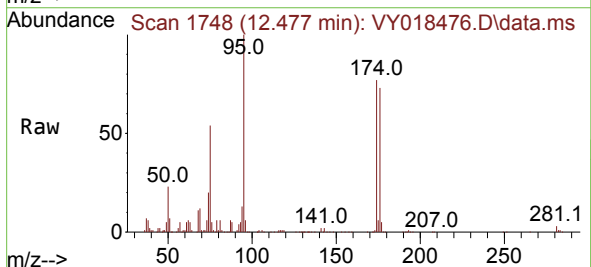
Instrument :
MSVOA_Y
ClientSampleId :

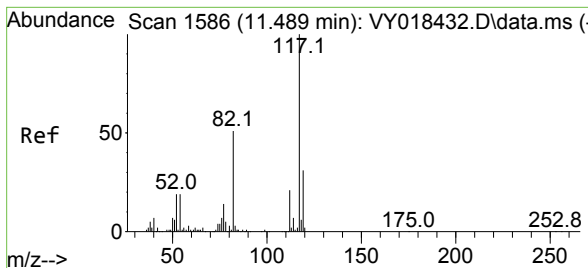
Tgt Ion: 98 Resp: 264278
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.259 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

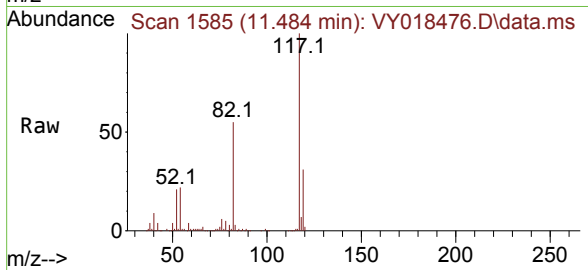
Tgt Ion: 95 Resp: 72589
Ion Ratio Lower Upper
95 100
174 76.6 0.0 175.6
176 75.3 0.0 171.4



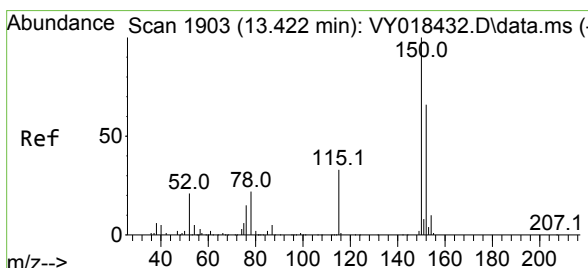
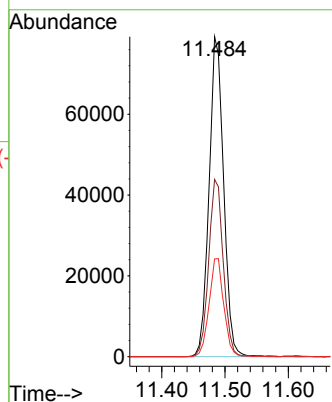
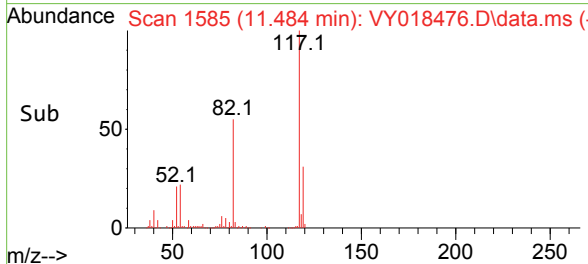


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

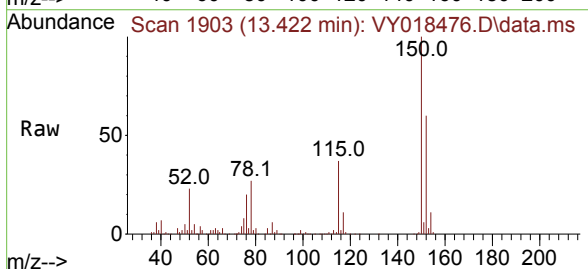
Instrument :
MSVOA_Y
ClientSampleId :



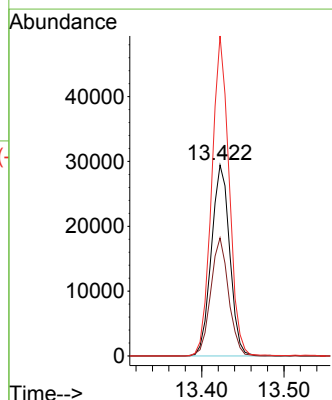
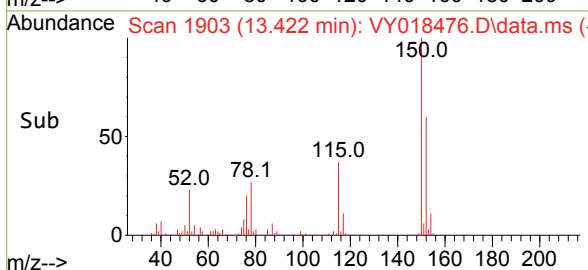
Tgt Ion:117 Resp: 126852
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 30.5 25.9 38.9

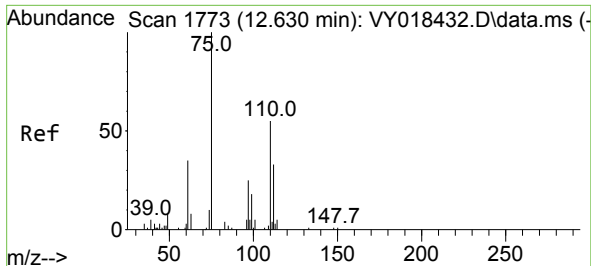


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14



Tgt Ion:152 Resp: 45668
Ion Ratio Lower Upper
152 100
115 60.0 28.2 84.7
150 159.0 0.0 345.6

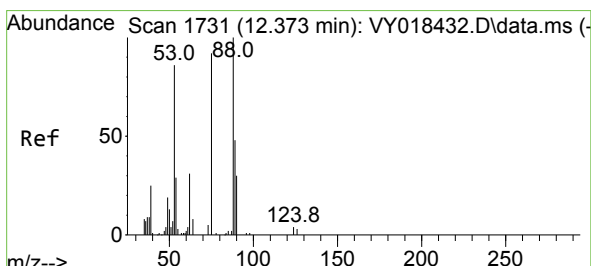
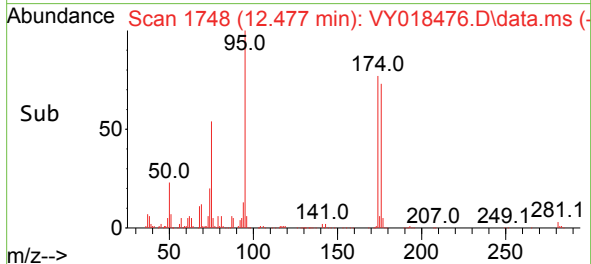
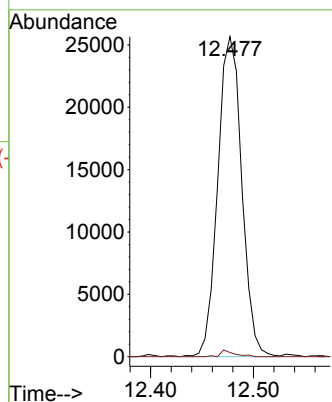
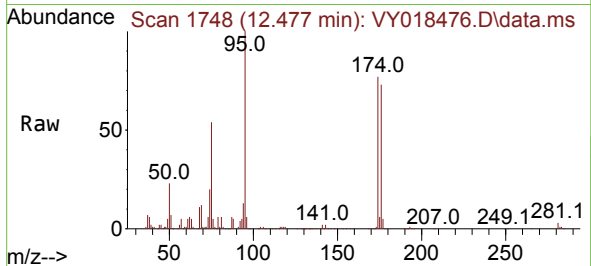




#76
1,2,3-Trichloropropane
Concen: 73.448 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 41593
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 154.310 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Tgt Ion: 75 Resp: 41593
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.1 35.8 53.6#

