

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018460.D
 Acq On : 04 Jun 2024 13:39
 Operator : SY/MD
 Sample : P2701-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:24:01 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)

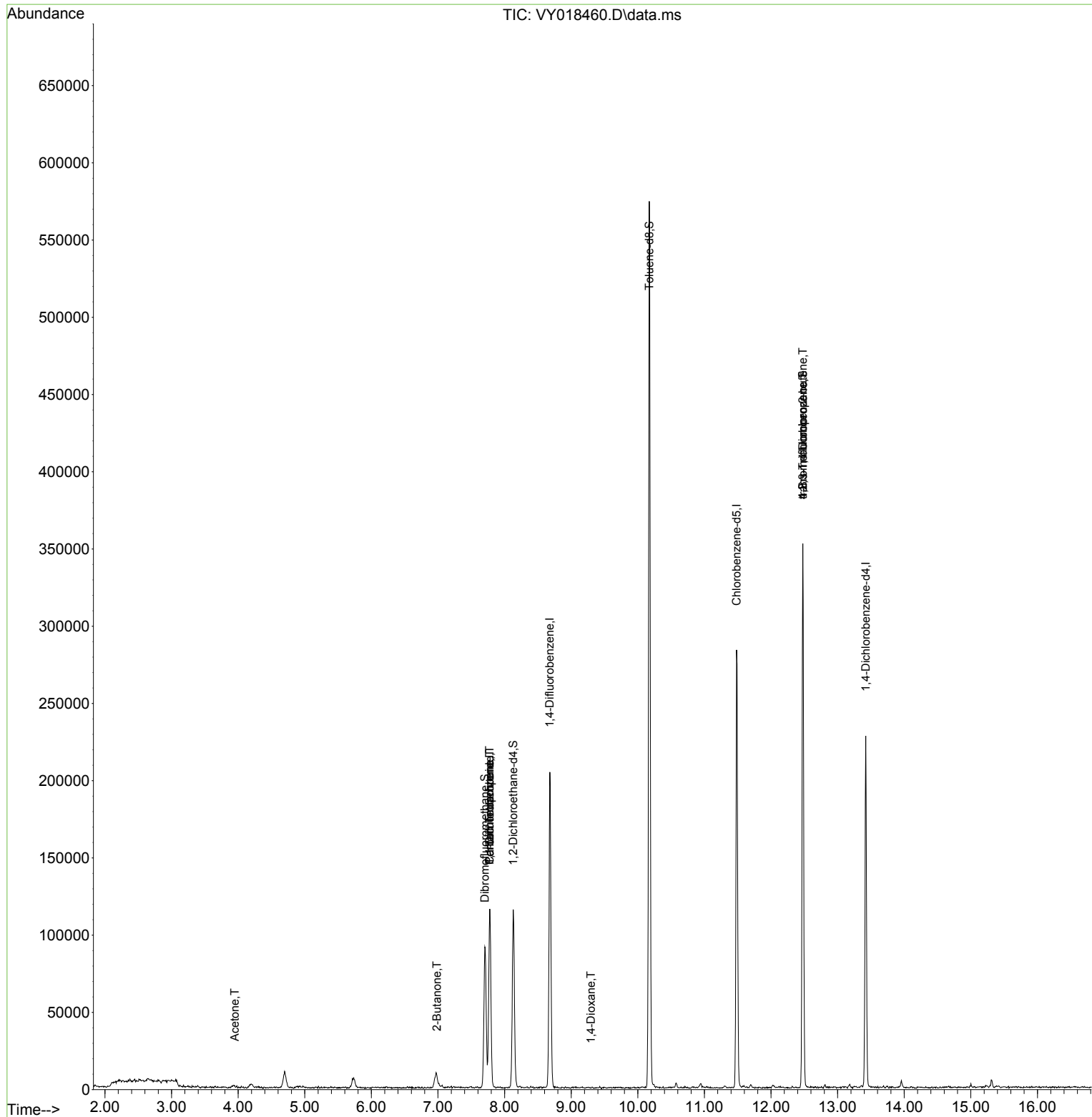
Internal Standards						
1) Pentafluorobenzene	7.777	168	83093	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	168048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	150446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	84153	51.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.140%
35) Dibromofluoromethane	7.703	113	65220	30.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.220%
50) Toluene-d8	10.173	98	362374	42.745	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.500%
62) 4-Bromofluorobenzene	12.477	95	105466	39.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.899	59	128	Below Cal	#	88
16) Acetone	3.948	43	2528	6.980	ug/l	88
25) 2-Butanone	6.984	43	973	1.754	ug/l	# 51
36) 1,1-Dichloropropene	7.777	75	7939	2.443	ug/l	# 48
38) Carbon Tetrachloride	7.777	117	9153	2.811	ug/l	# 17
49) 1,4-Dioxane	9.295	88	96	5.727	ug/l	# 20
76) 1,2,3-Trichloropropane	12.477	75	57615	85.521	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	57615	179.673	ug/l	# 16

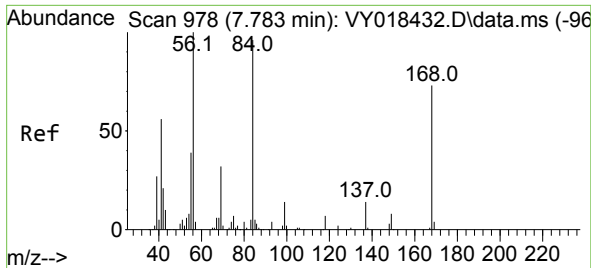
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

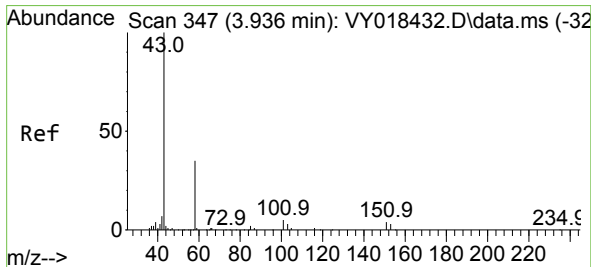
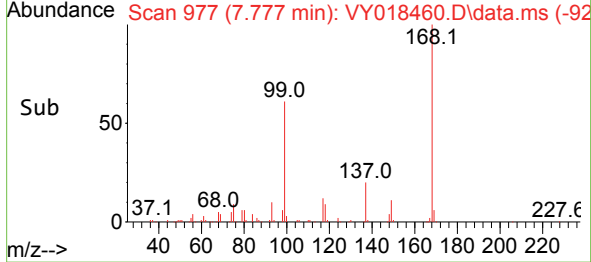
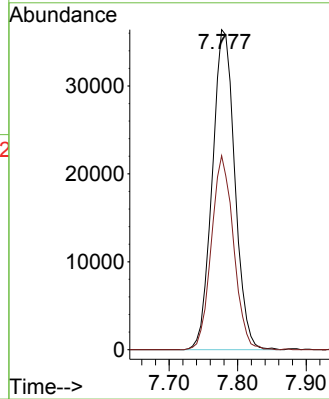
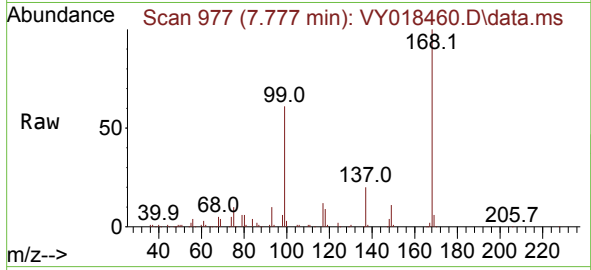




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

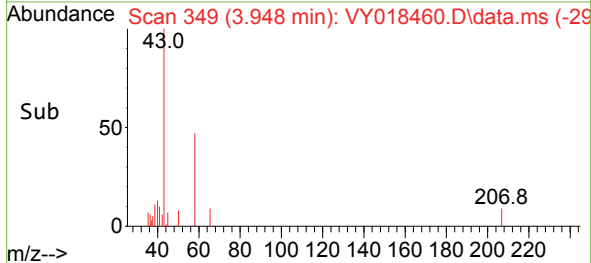
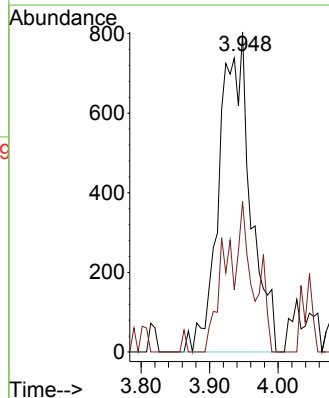
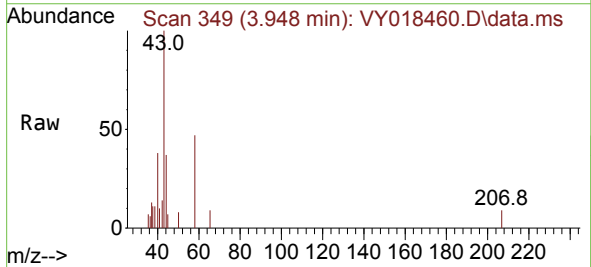
Instrument :
MSVOA_Y
ClientSampleId :

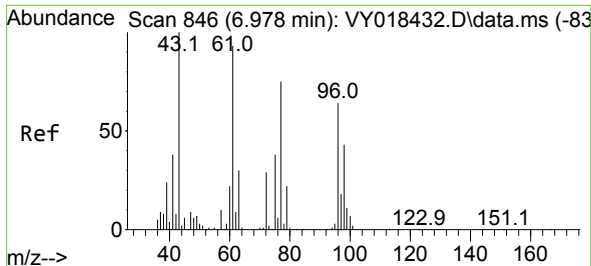
Tgt Ion:168 Resp: 83093
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#16
Acetone
Concen: 6.980 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

Tgt Ion: 43 Resp: 2528
Ion Ratio Lower Upper
43 100
58 47.0 31.7 47.5

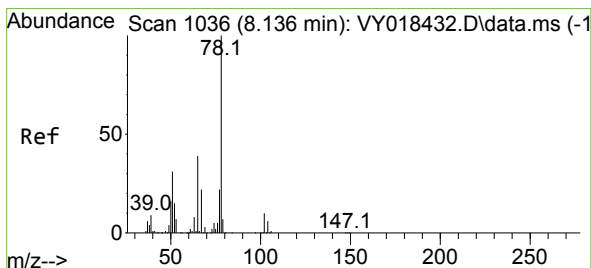
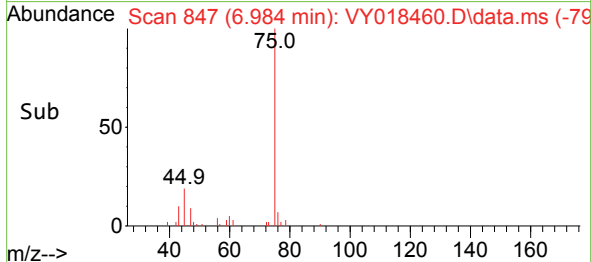
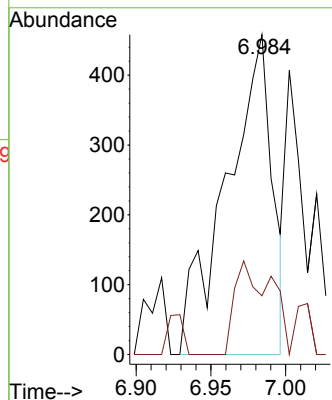
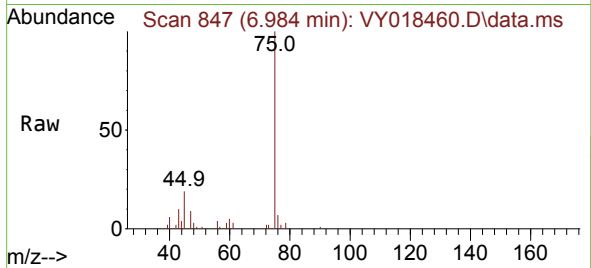




#25
2-Butanone
Concen: 1.754 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

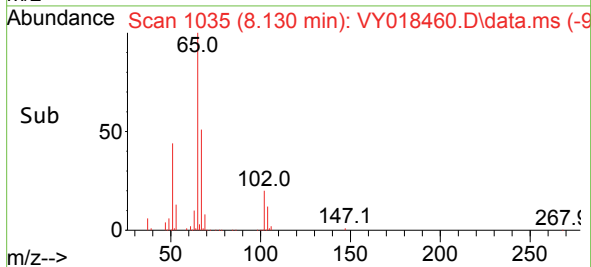
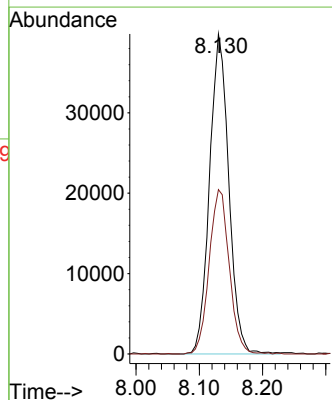
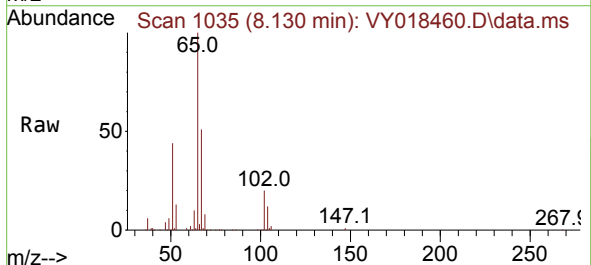
Instrument :
MSVOA_Y
ClientSampleId :

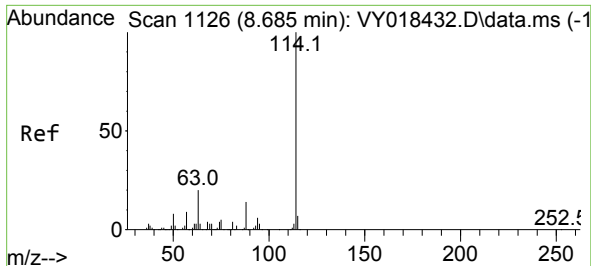
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
72 5.9 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 51.570 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

Tgt Ion: 65 Resp: 84153
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6

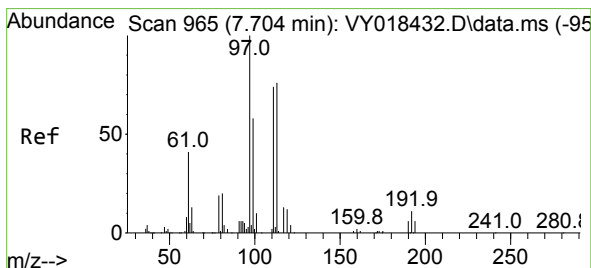
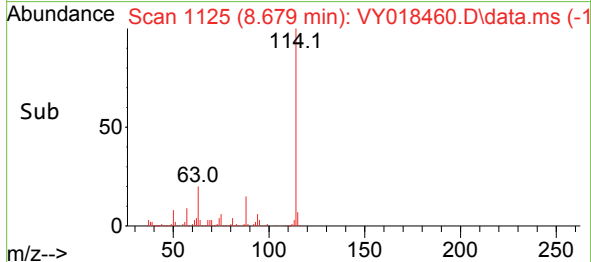
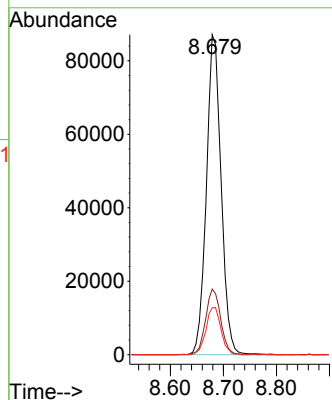
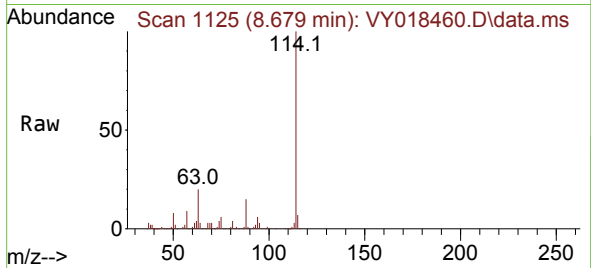




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

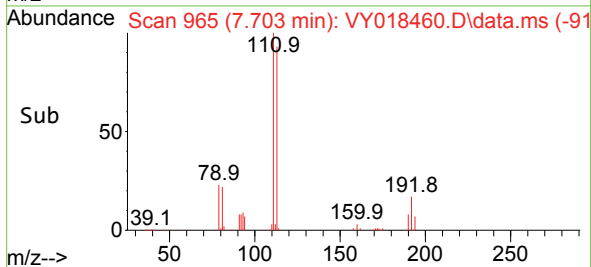
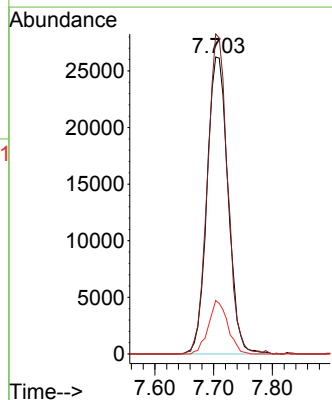
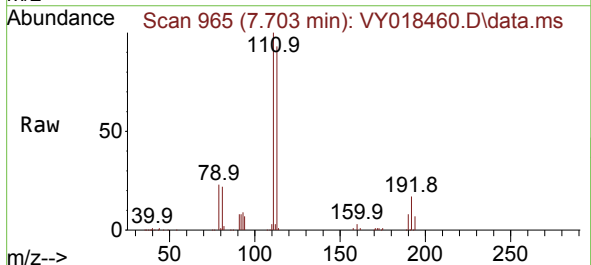
Instrument :
MSVOA_Y
ClientSampleId :

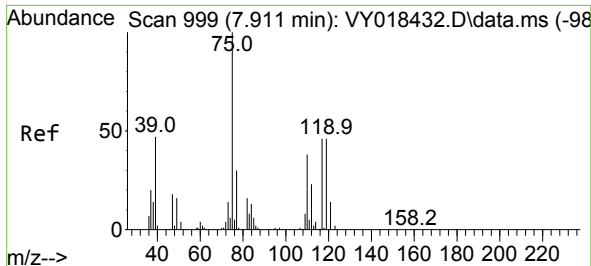
Tgt Ion:114 Resp: 168048
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.0
88 14.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 30.606 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

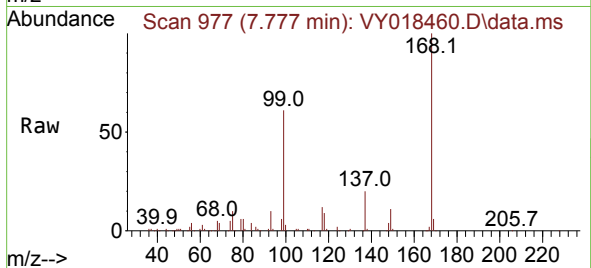
Tgt Ion:113 Resp: 65220
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.6 15.9 23.9



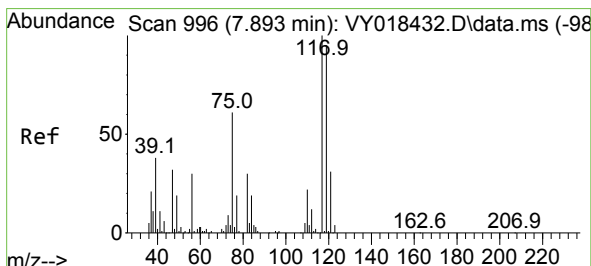
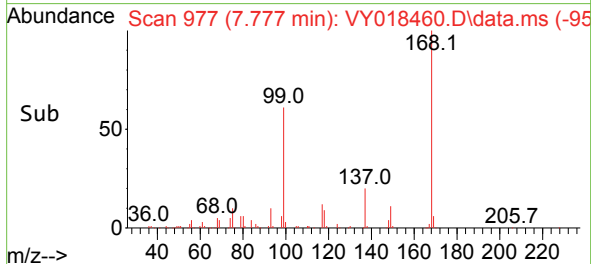
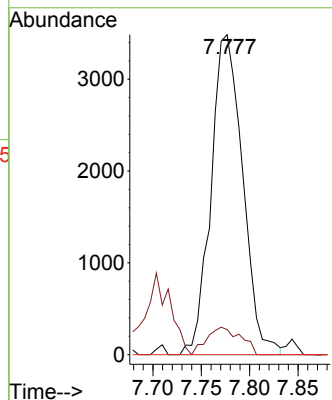


#36
1,1-Dichloropropene
Concen: 2.443 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

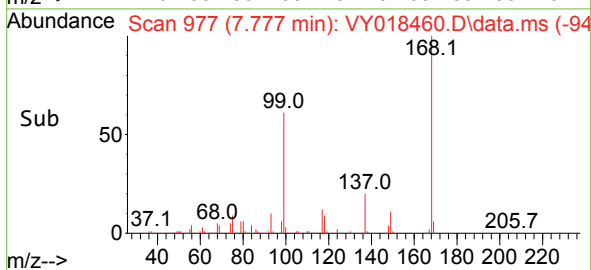
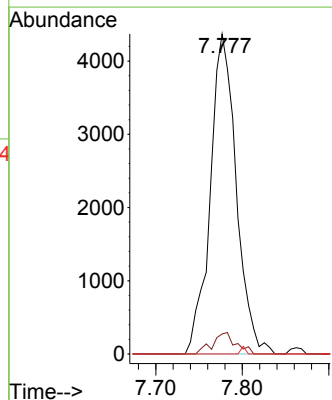
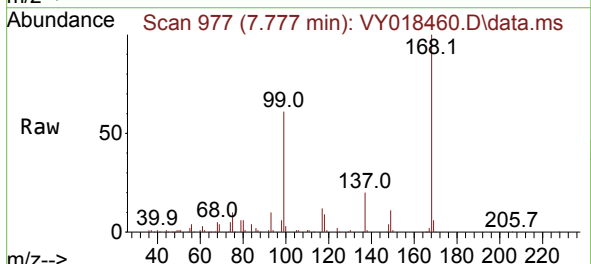


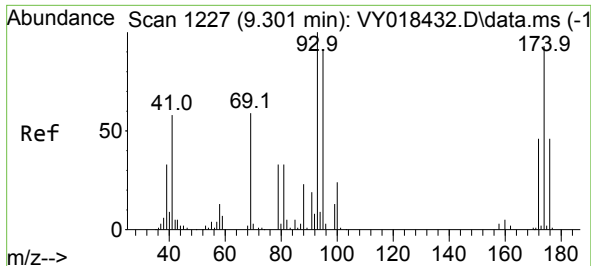
Tgt Ion: 75 Resp: 7939
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 2.811 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

Tgt Ion: 117 Resp: 9153
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 5.727 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

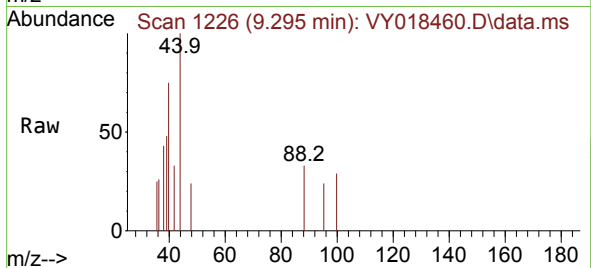
Lab File: VY018460.D

Acq: 04 Jun 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :



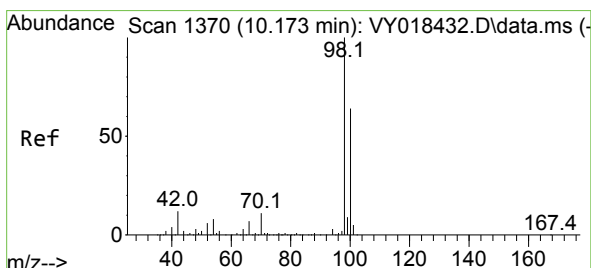
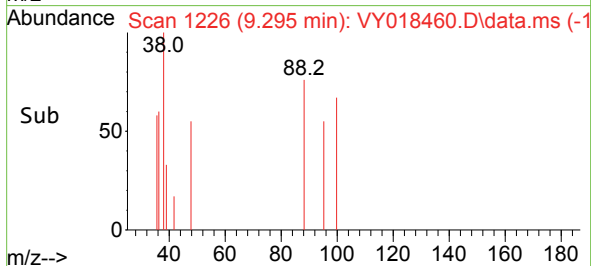
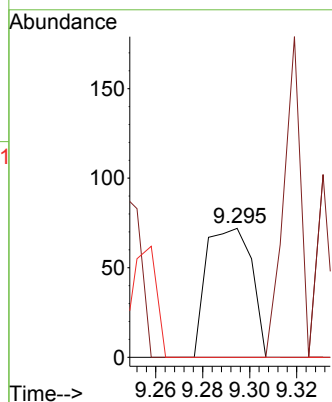
Tgt Ion: 88 Resp: 96

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 42.745 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018460.D

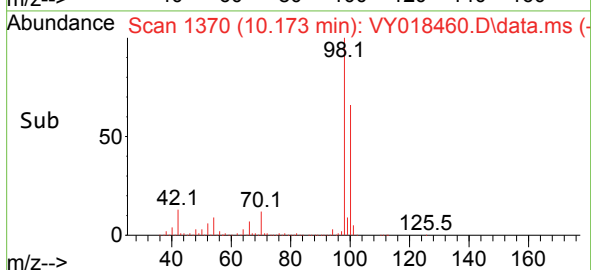
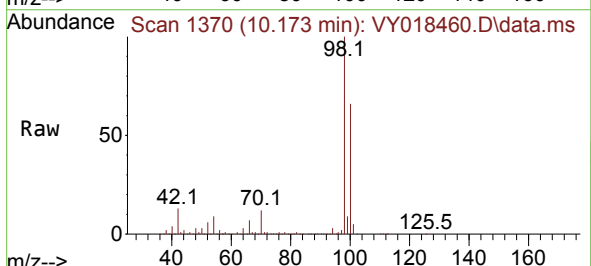
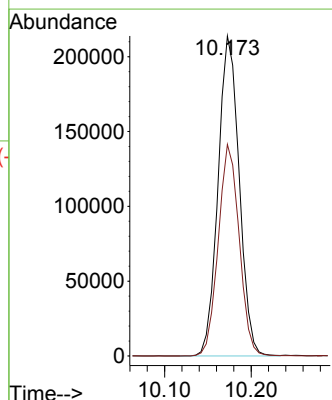
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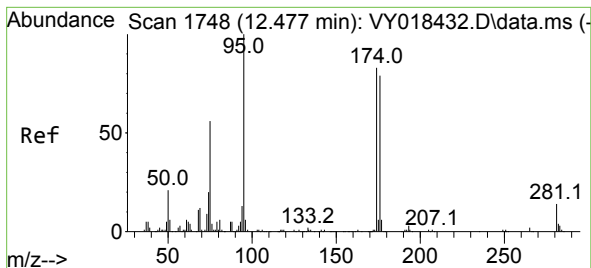
Tgt Ion: 98 Resp: 362374

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

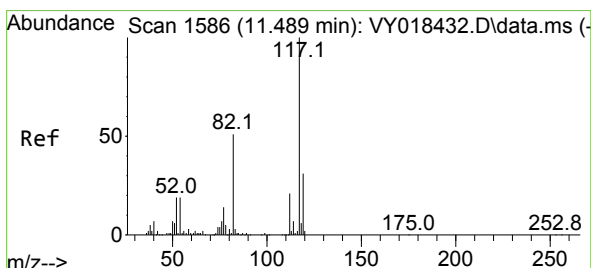
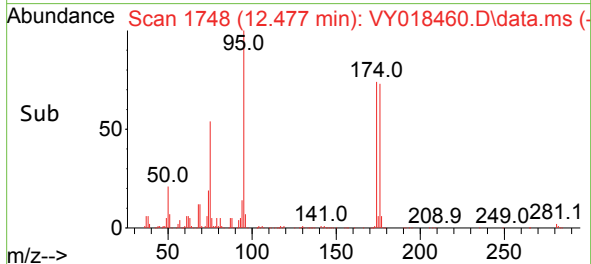
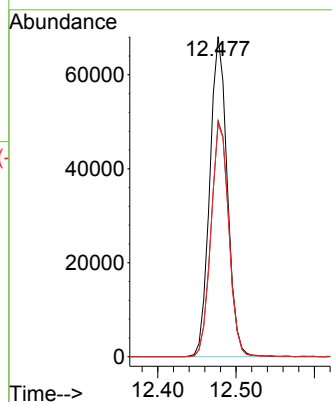
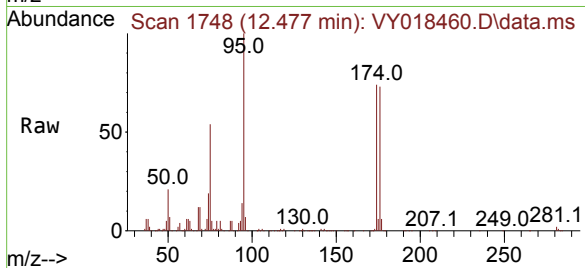




#62
4-Bromofluorobenzene
Concen: 39.957 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

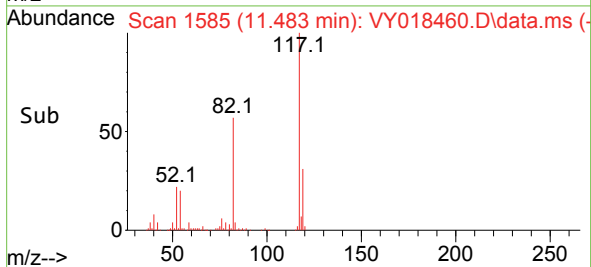
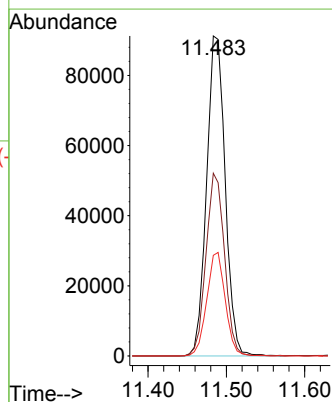
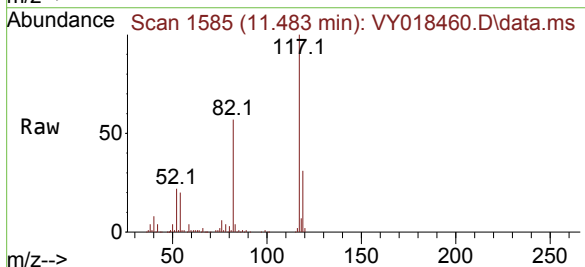
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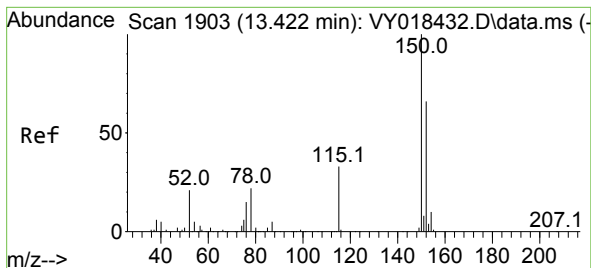
Tgt Ion: 95 Resp: 105466
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 73.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018460.D
Acq: 04 Jun 2024 13:39

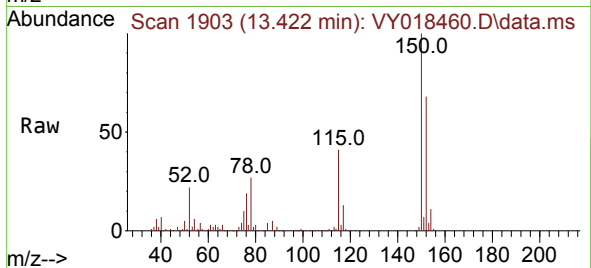
Tgt Ion: 117 Resp: 150446
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 31.5 25.9 38.9



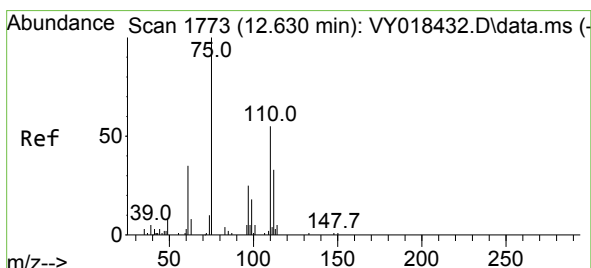
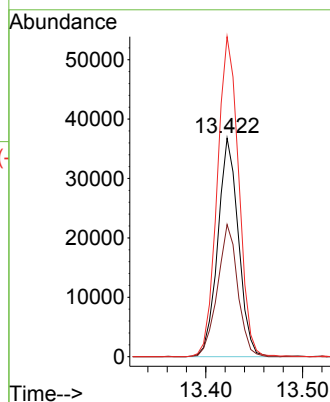
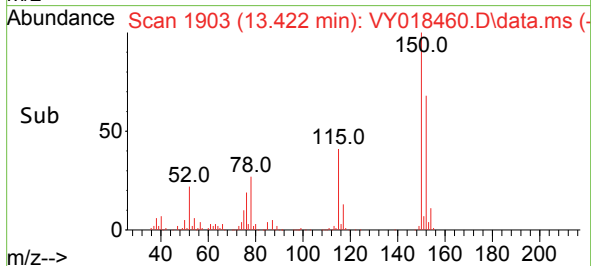


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018460.D
 Acq: 04 Jun 2024 13:39

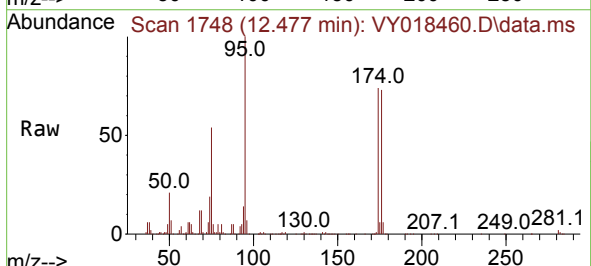
Instrument :
 MSVOA_Y
 ClientSampleId :



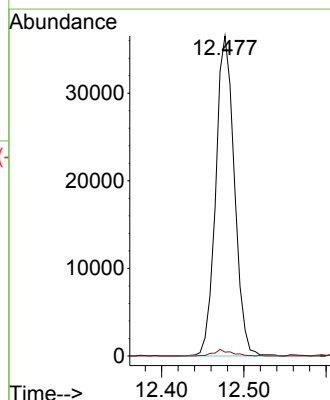
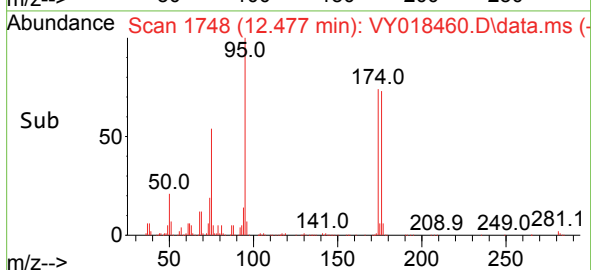
Tgt Ion:152 Resp: 54330
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.2 84.7
 150 152.3 0.0 345.6

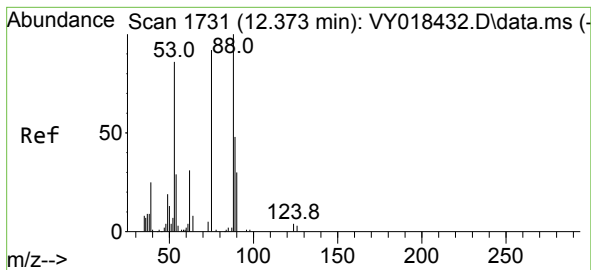


#76
 1,2,3-Trichloropropane
 Concen: 85.521 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018460.D
 Acq: 04 Jun 2024 13:39



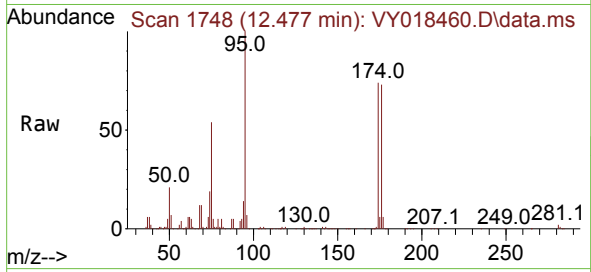
Tgt Ion: 75 Resp: 57615
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 179.673 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018460.D
 Acq: 04 Jun 2024 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 57615
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.3 35.8 53.6#

