

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018457.D
 Acq On : 04 Jun 2024 12:10
 Operator : SY/MD
 Sample : VY0604SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:21:58 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)

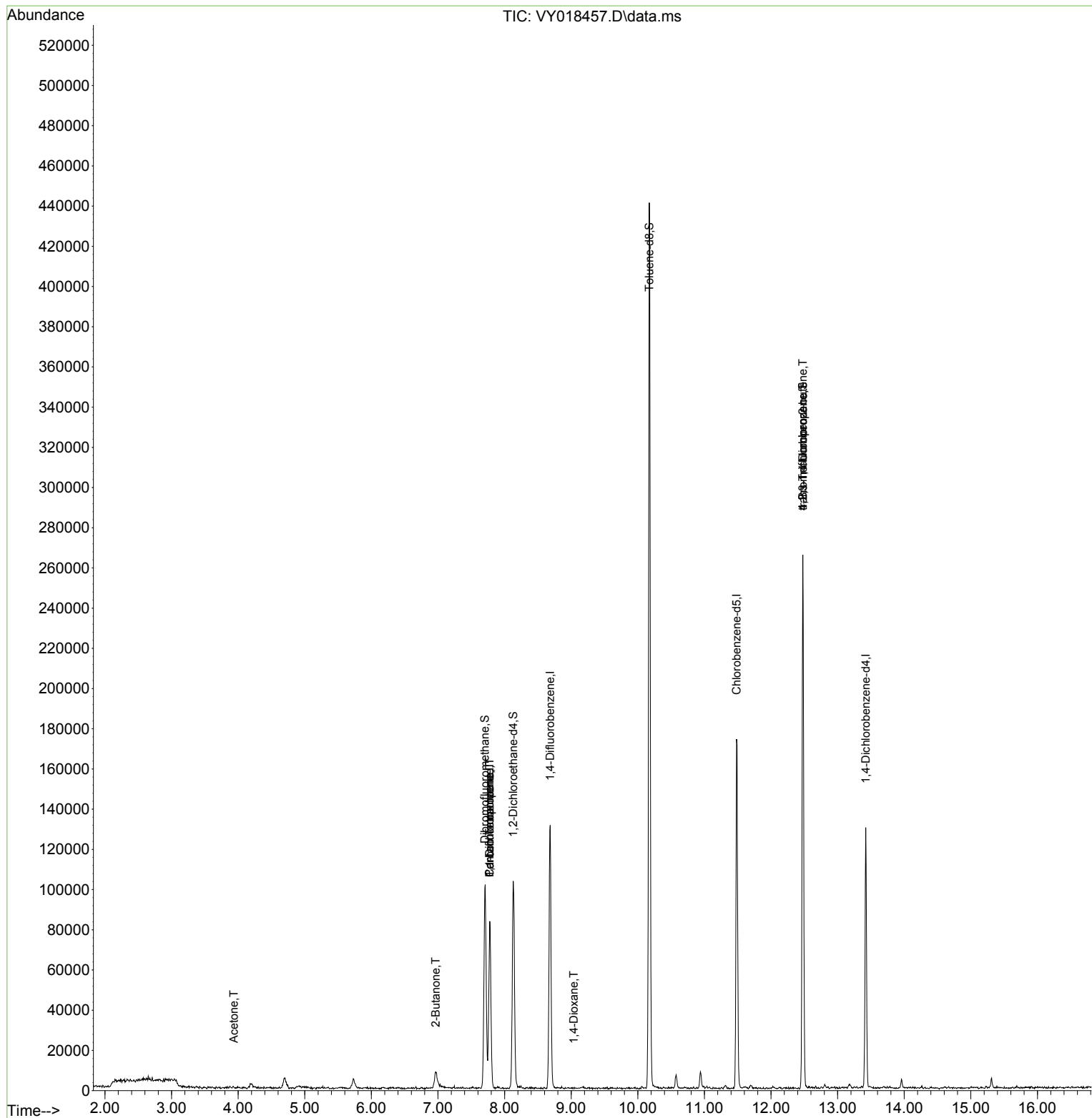
Internal Standards						
1) Pentafluorobenzene	7.777	168	57741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	95377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76273	67.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.520%
35) Dibromofluoromethane	7.703	113	70053	49.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.173	98	281666	50.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.477	95	77989	44.767	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	578	Below Cal		98
16) Acetone	3.936	43	914	3.632 ug/l	#	80
20) Methylene Chloride	4.698	84	3685	Below Cal		92
25) 2-Butanone	6.966	43	1016	2.635 ug/l		99
36) 1,1-Dichloropropene	7.777	75	5494	2.562 ug/l	#	50
38) Carbon Tetrachloride	7.777	117	6088	2.833 ug/l	#	17
49) 1,4-Dioxane	9.039	88	41	3.706 ug/l	#	20
76) 1,2,3-Trichloropropane	12.477	75	44043	121.650 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44043	255.579 ug/l	#	16

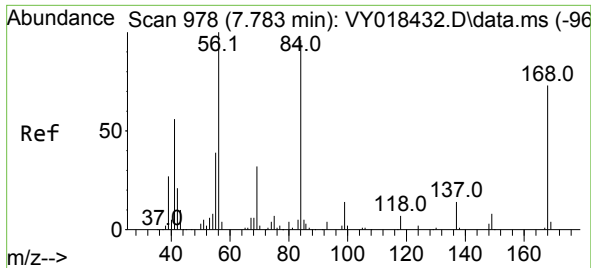
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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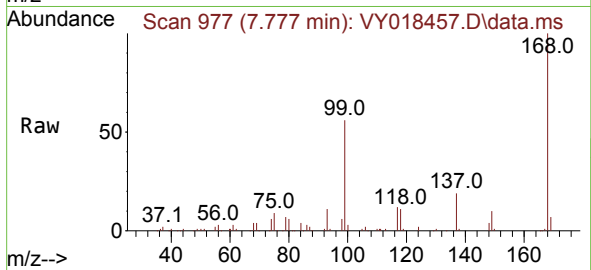
Quant Time: Jun 05 01:21:58 2024
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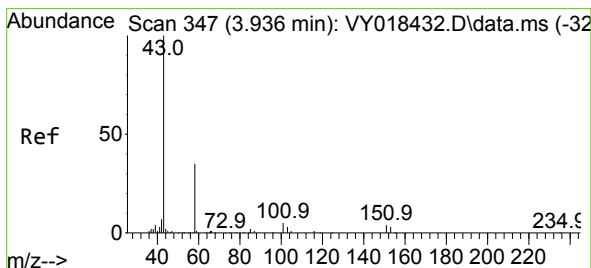
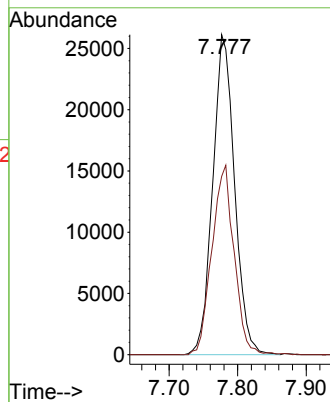
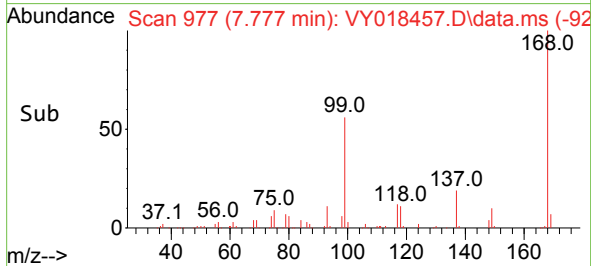


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :

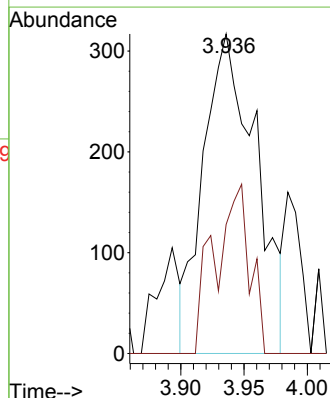
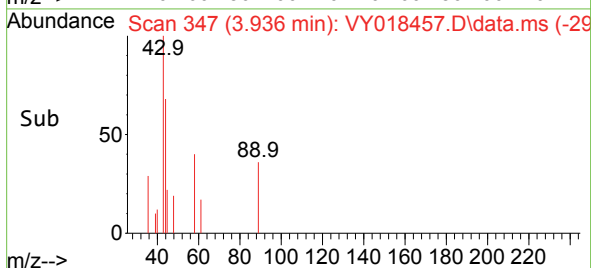
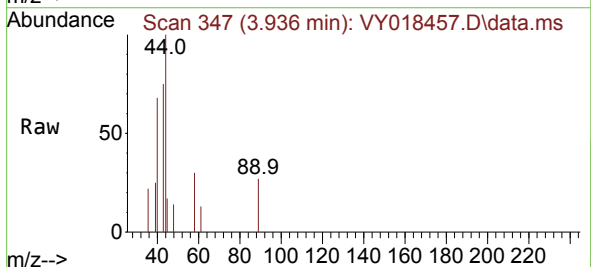


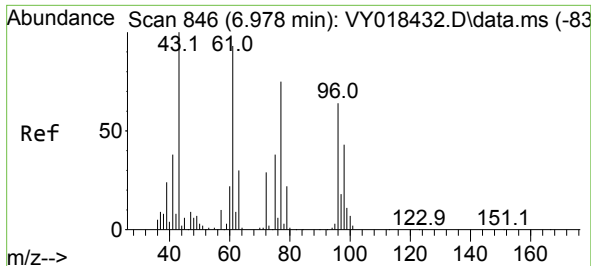
Tgt Ion:168 Resp: 57741
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#16
Acetone
Concen: 3.632 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 51.6 31.7 47.5#

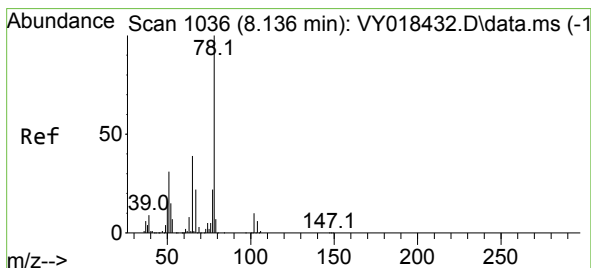
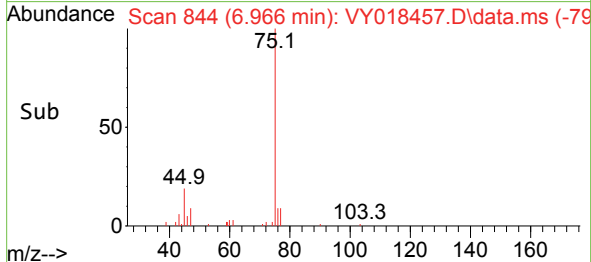
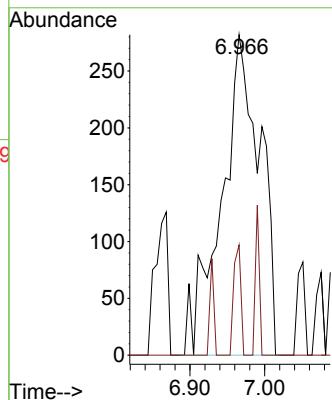
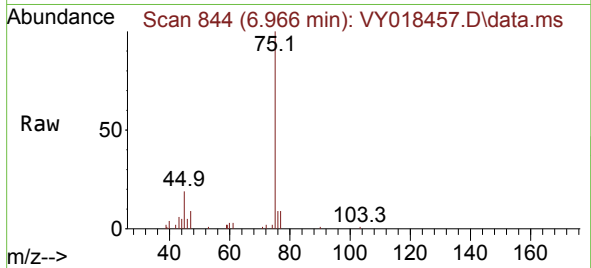




#25
2-Butanone
Concen: 2.635 ug/l
RT: 6.966 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

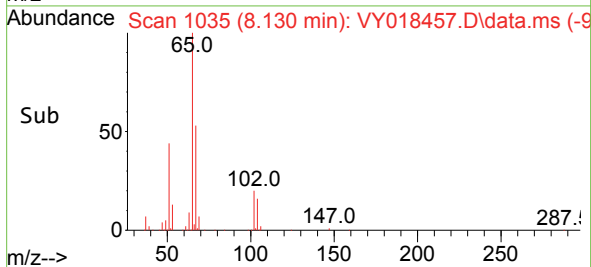
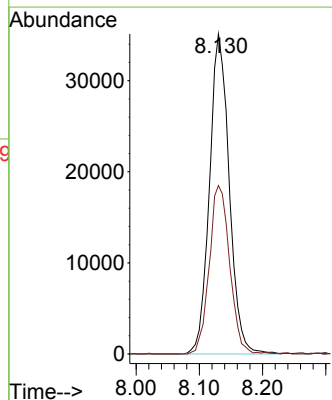
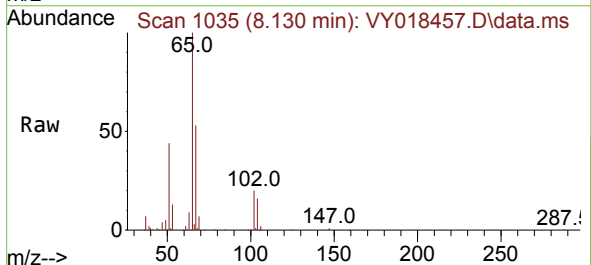
Instrument :
MSVOA_Y
ClientSampleId :

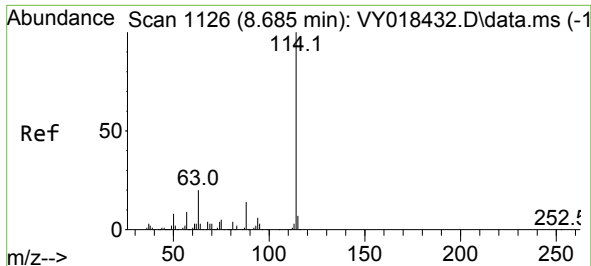
Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
72 34.4 27.3 40.9



#33
1,2-Dichloroethane-d4
Concen: 67.264 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

Tgt Ion: 65 Resp: 76273
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

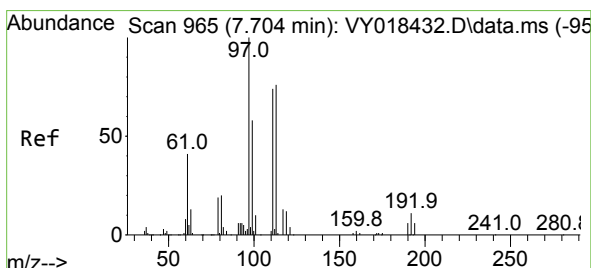
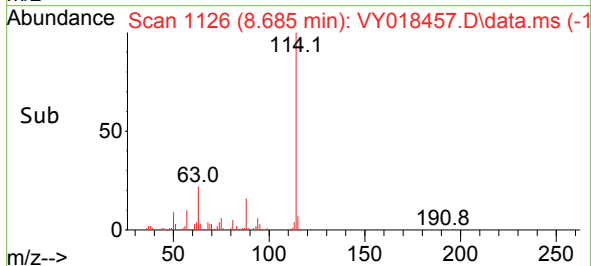
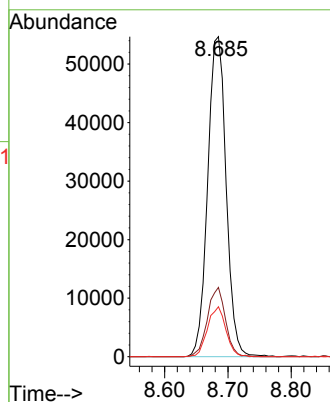
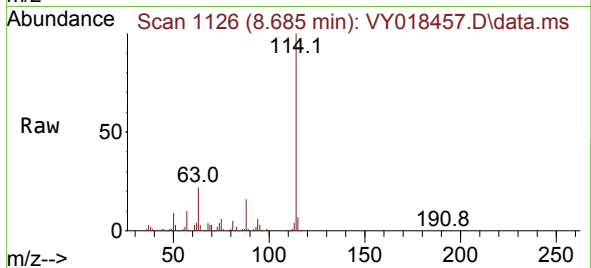
Tgt Ion:114 Resp: 110914

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.808 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

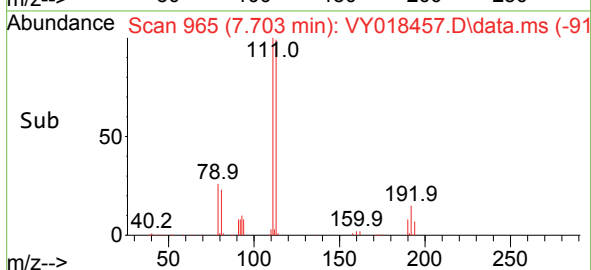
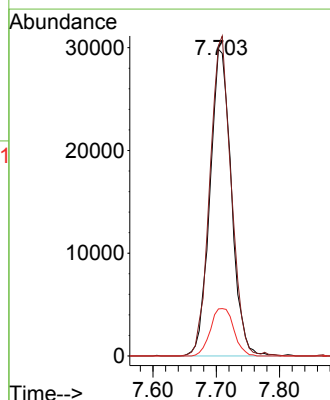
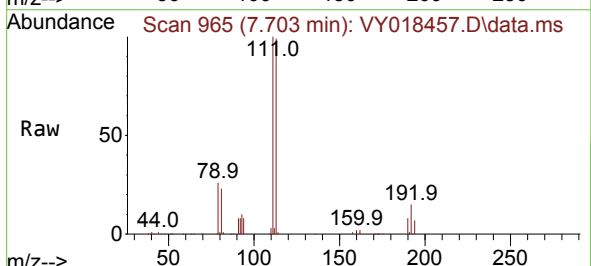
Tgt Ion:113 Resp: 70053

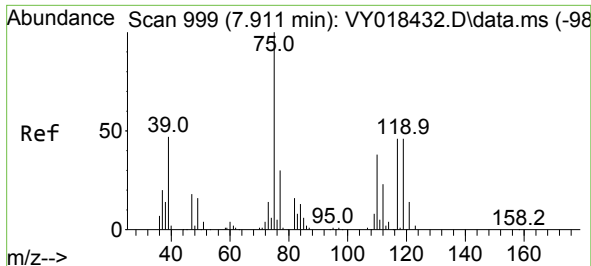
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 16.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 2.562 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

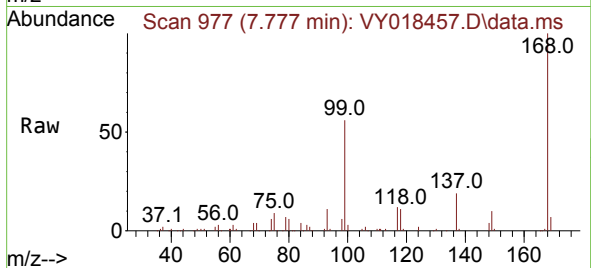
Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

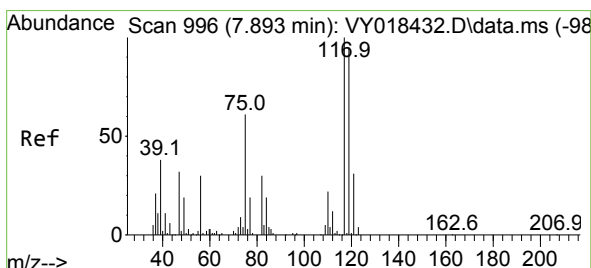
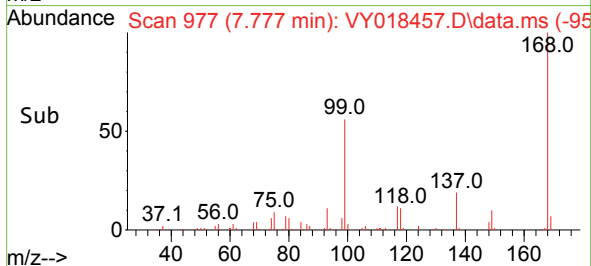
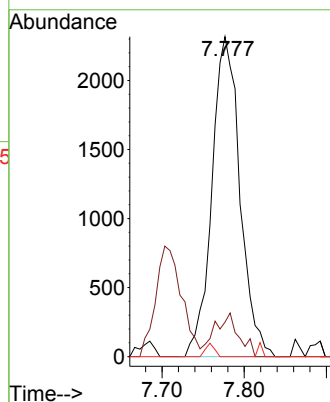
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 5494
Ion Ratio	Lower Upper
75 100	
110 11.7	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 2.833 ug/l

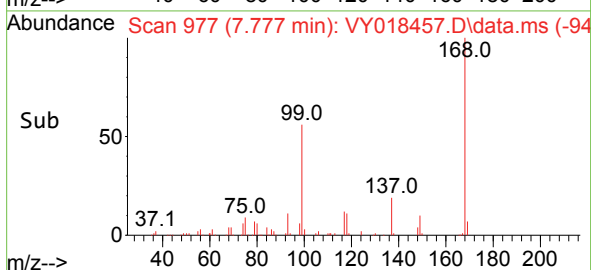
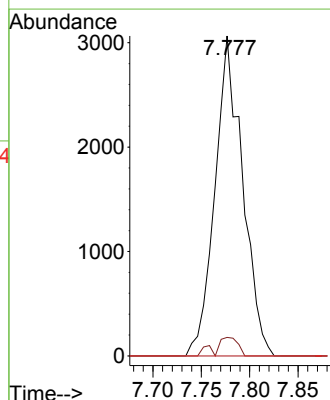
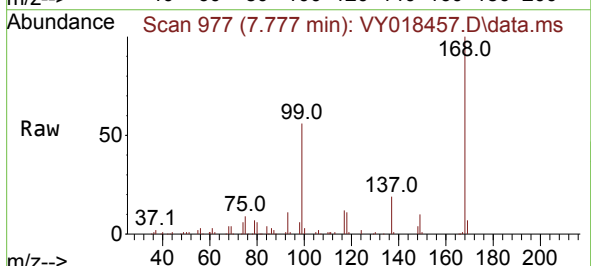
RT: 7.777 min Scan# 977

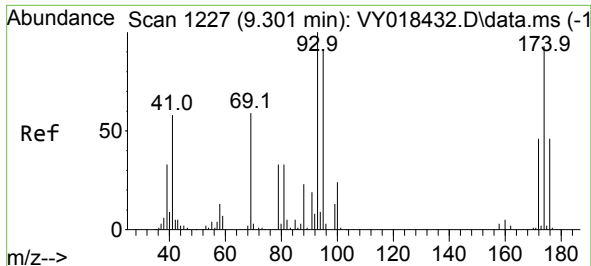
Delta R.T. -0.116 min

Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

Tgt Ion: 117	Resp: 6088
Ion Ratio	Lower Upper
117 100	
119 5.8	75.8 113.6#
121 0.0	24.0 36.0#





#49

1,4-Dioxane

Concen: 3.706 ug/l

RT: 9.039 min Scan# 1184

Delta R.T. -0.262 min

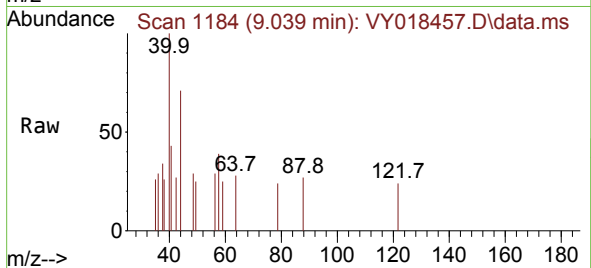
Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :



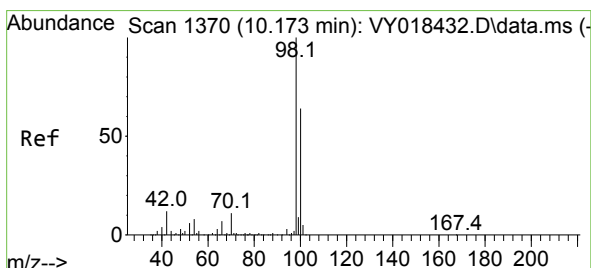
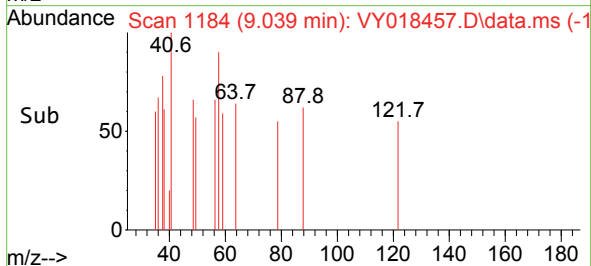
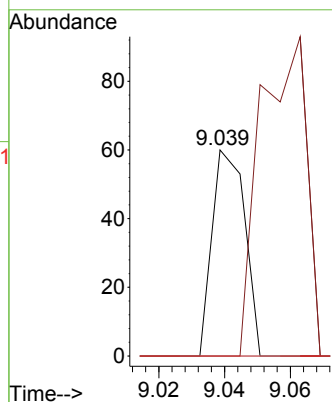
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 50.340 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018457.D

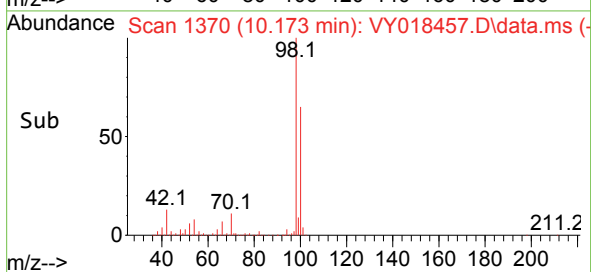
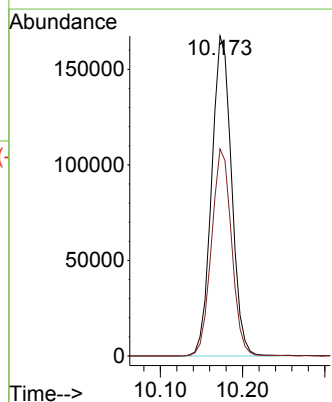
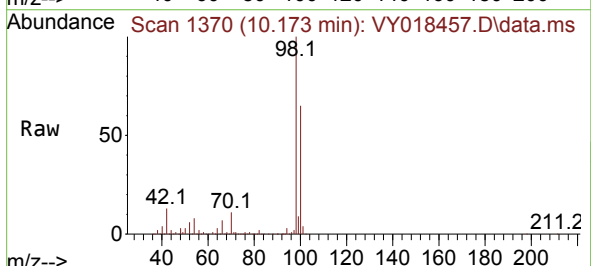
Acq: 04 Jun 2024 12:10

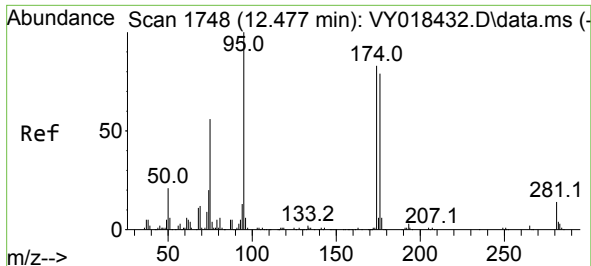
Tgt Ion: 98 Resp: 281666

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

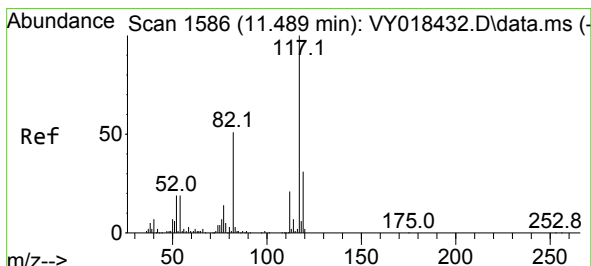
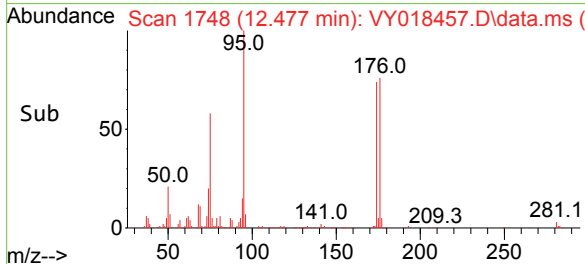
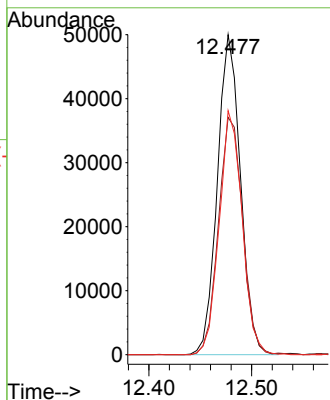
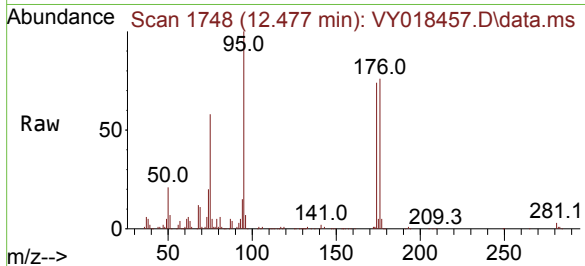




#62
4-Bromofluorobenzene
Concen: 44.767 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

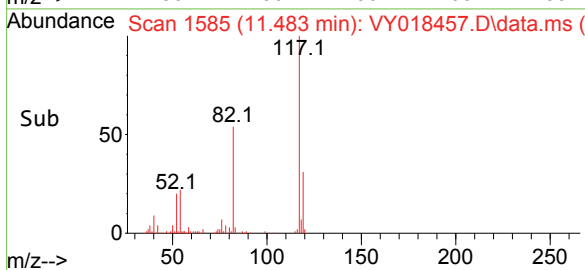
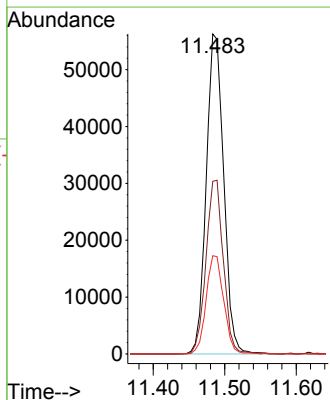
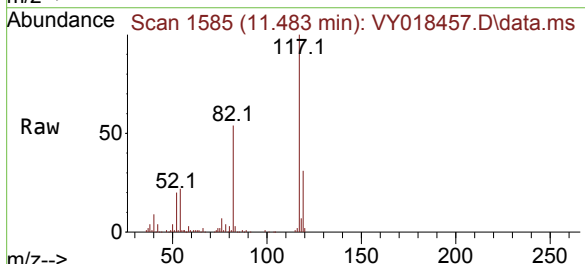
Instrument :
MSVOA_Y
ClientSampleId :

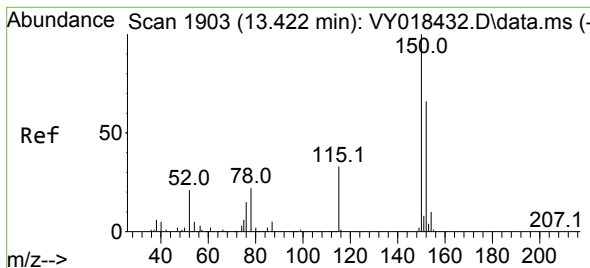
Tgt Ion: 95 Resp: 77989
Ion Ratio Lower Upper
95 100
174 78.0 0.0 175.6
176 75.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

Tgt Ion: 117 Resp: 95377
Ion Ratio Lower Upper
117 100
82 54.0 42.4 63.6
119 30.7 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

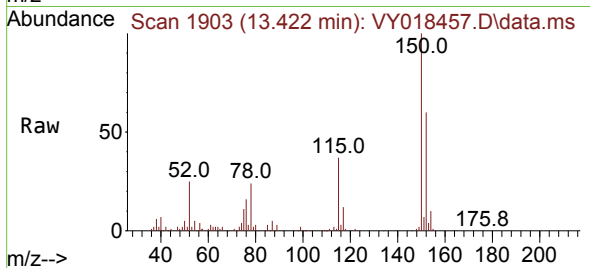
Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :



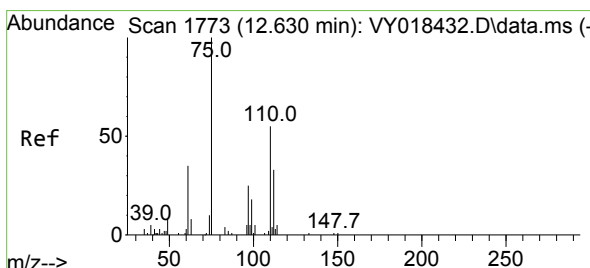
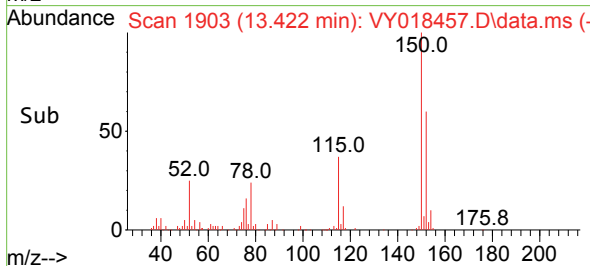
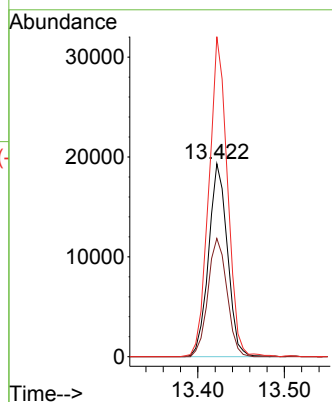
Tgt Ion:152 Resp: 29197

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 163.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 121.650 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018457.D

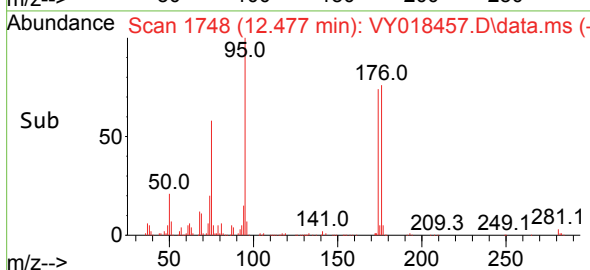
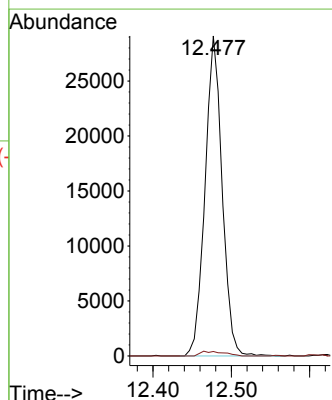
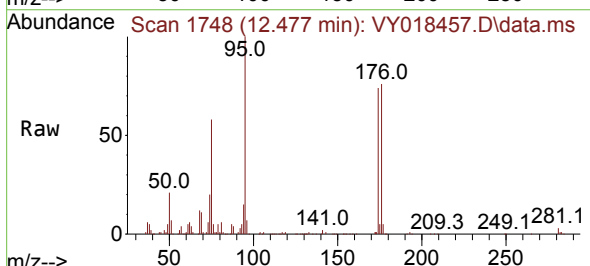
Acq: 04 Jun 2024 12:10

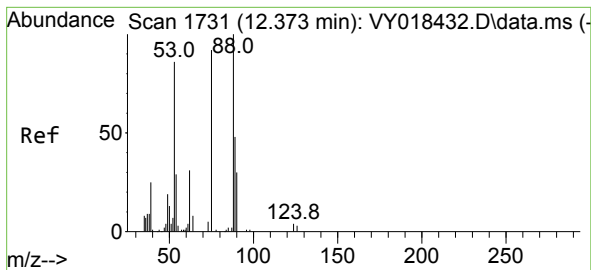
Tgt Ion: 75 Resp: 44043

Ion Ratio Lower Upper

75 100

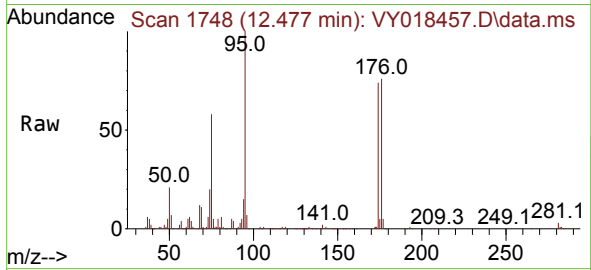
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 255.579 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018457.D
 Acq: 04 Jun 2024 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 44043
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

