

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018467.D
 Acq On : 04 Jun 2024 16:30
 Operator : SY/MD
 Sample : P2687-07
 Misc : 2.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:27:33 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)

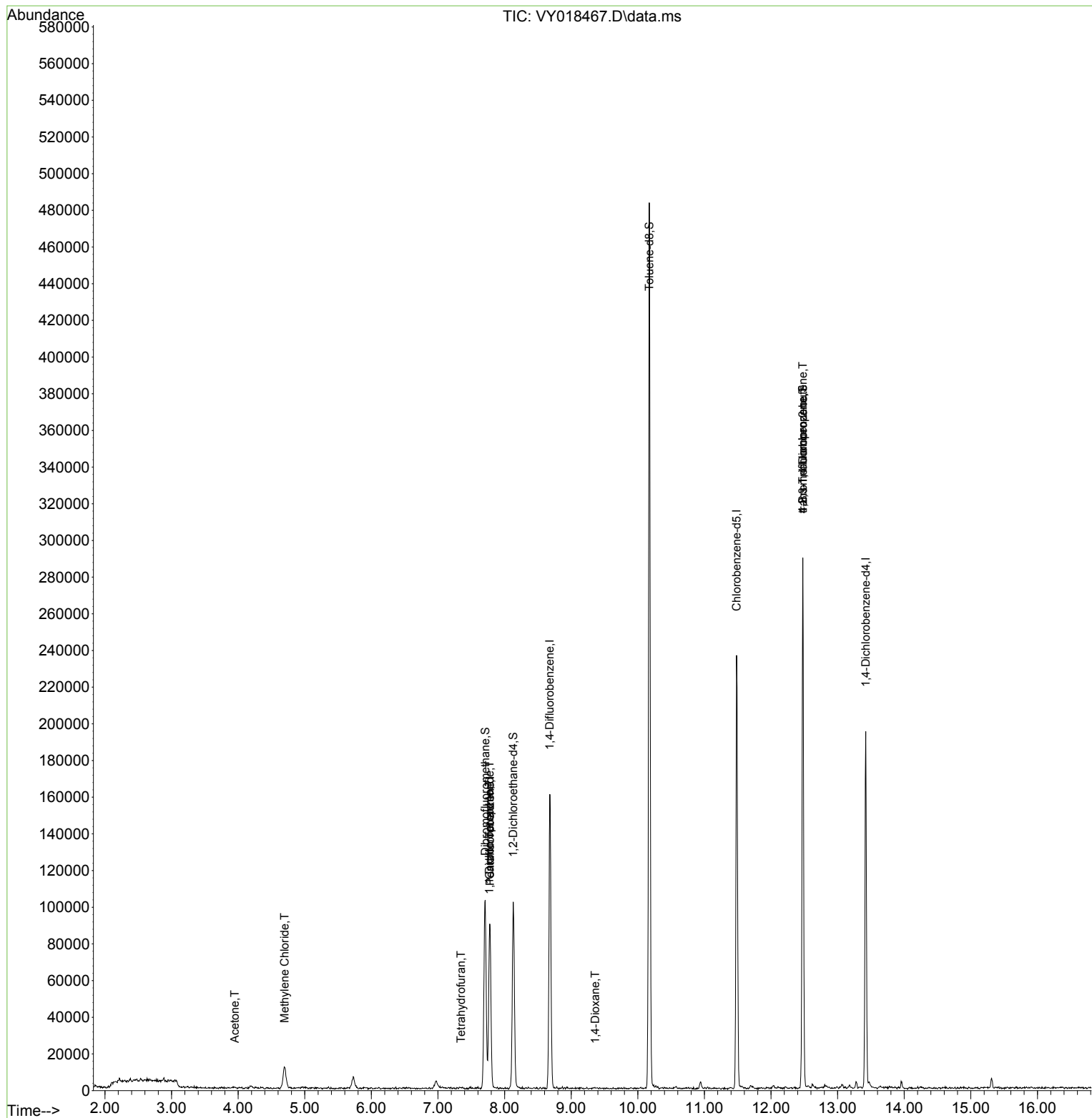
Internal Standards						
1) Pentafluorobenzene	7.783	168	64562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	132433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	122577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	73776	58.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.380%
35) Dibromofluoromethane	7.710	113	72902	43.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.820%
50) Toluene-d8	10.173	98	292911	43.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.477	95	82438	39.631	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	189	Below Cal	#	88
16) Acetone	3.948	43	573	2.036	ug/l #	53
20) Methylene Chloride	4.698	84	8633	2.625	ug/l #	85
29) Tetrahydrofuran	7.344	42	375	1.339	ug/l #	45
36) 1,1-Dichloropropene	7.771	75	6206	2.424	ug/l #	47
38) Carbon Tetrachloride	7.777	117	7015	2.734	ug/l #	17
49) 1,4-Dioxane	9.362	88	45	3.406	ug/l #	96
76) 1,2,3-Trichloropropane	12.477	75	45449	81.846	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45449	171.952	ug/l #	16

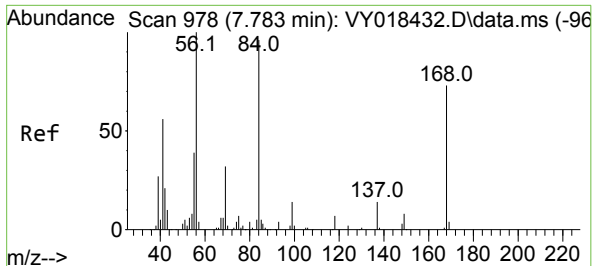
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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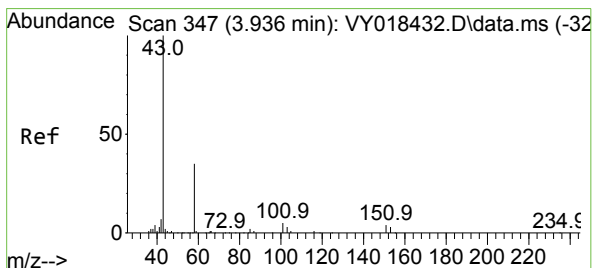
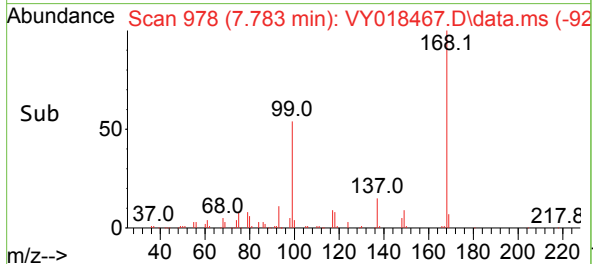
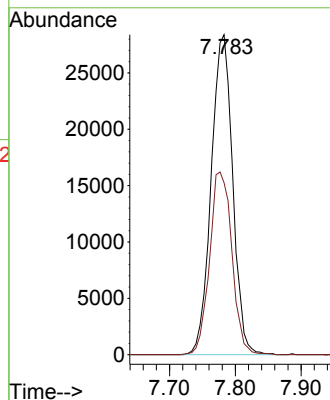
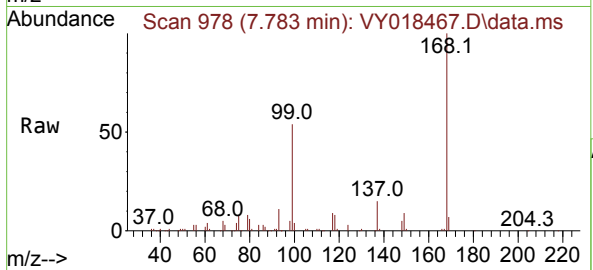




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018467.D
Acq: 04 Jun 2024 16:30

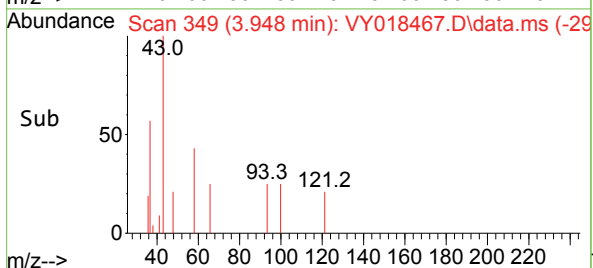
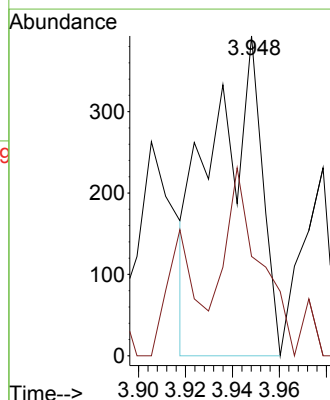
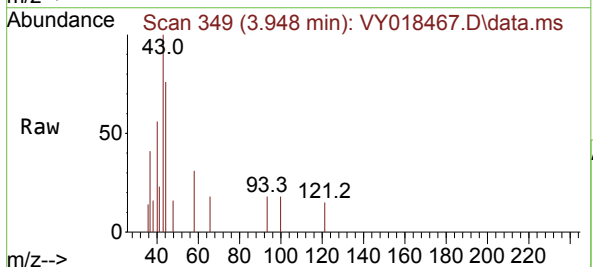
Instrument :
MSVOA_Y
ClientSampleId :

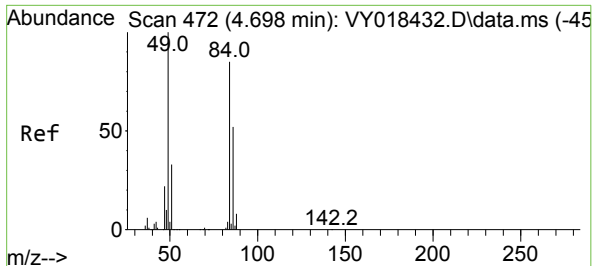
Tgt Ion:168 Resp: 64562
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#16
Acetone
Concen: 2.036 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018467.D
Acq: 04 Jun 2024 16:30

Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 10.9 31.7 47.5#

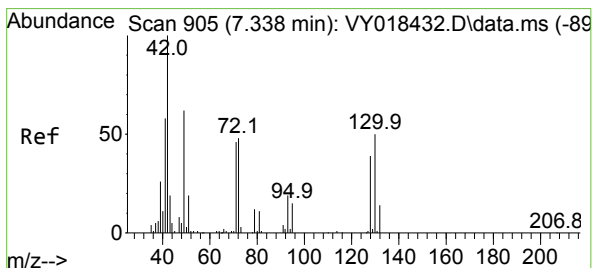
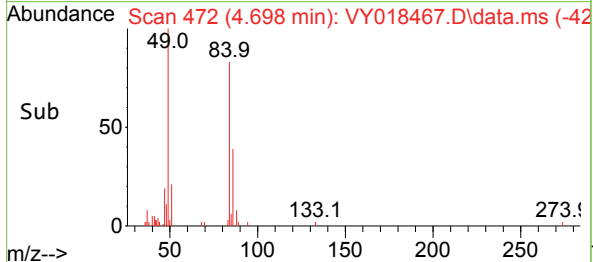
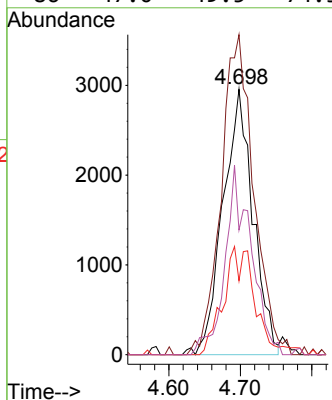
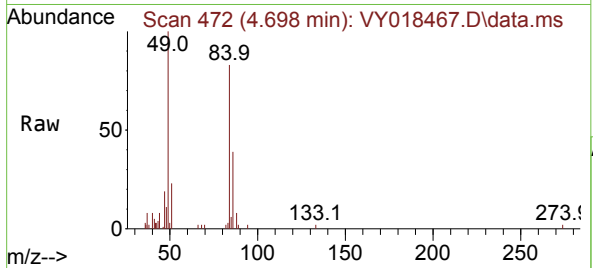




#20
Methylene Chloride
Concen: 2.625 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018467.D
Acq: 04 Jun 2024 16:30

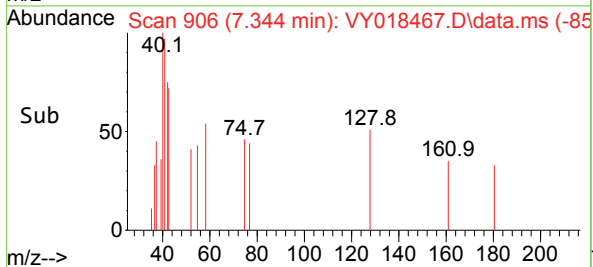
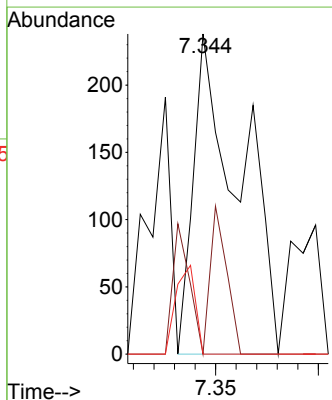
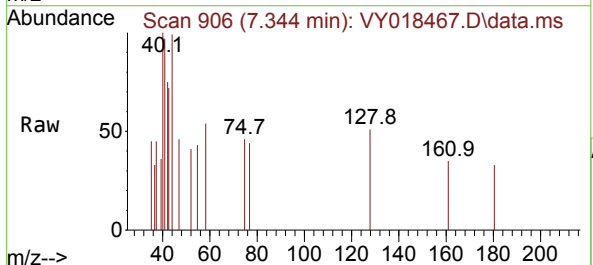
Instrument :
MSVOA_Y
ClientSampleId :

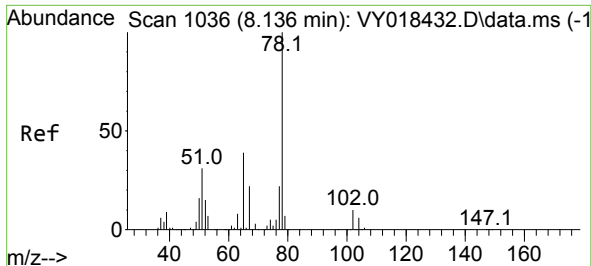
Tgt Ion: 84	Resp: 8633
Ion Ratio	Lower Upper
84 100	
49 120.6	84.4 126.6
51 27.8	26.0 39.0
86 47.0	49.5 74.3#



#29
Tetrahydrofuran
Concen: 1.339 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY018467.D
Acq: 04 Jun 2024 16:30

Tgt Ion: 42	Resp: 375
Ion Ratio	Lower Upper
42 100	
72 16.3	43.0 64.4#
71 11.5	40.8 61.2#





#33

1,2-Dichloroethane-d4

Concen: 58.188 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018467.D

Acq: 04 Jun 2024 16:30

Instrument :

MSVOA_Y

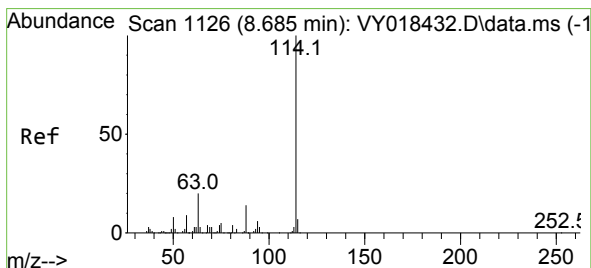
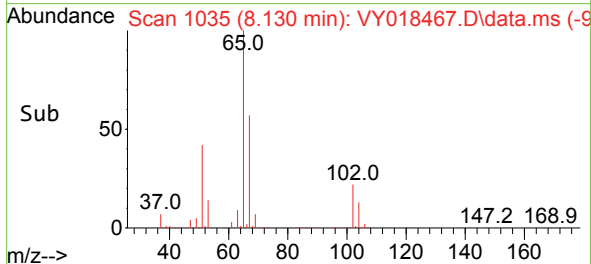
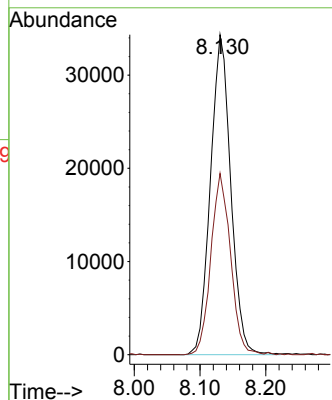
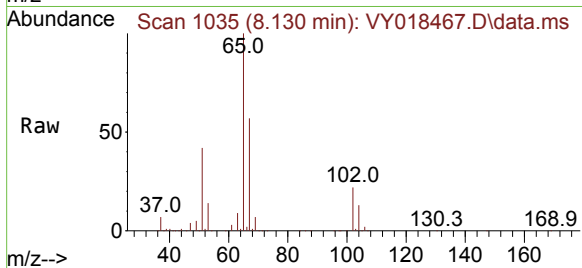
ClientSampleId :

Tgt Ion: 65 Resp: 73776

Ion Ratio Lower Upper

65 100

67 54.7 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: VY018467.D

Acq: 04 Jun 2024 16:30

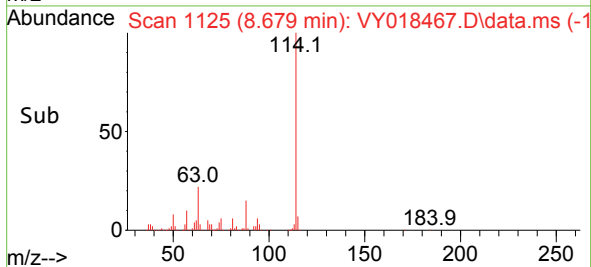
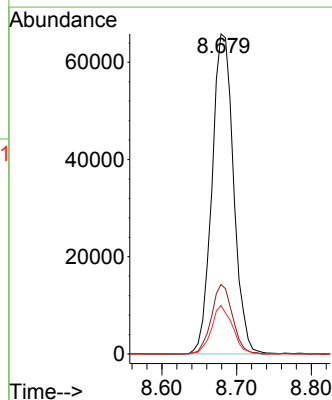
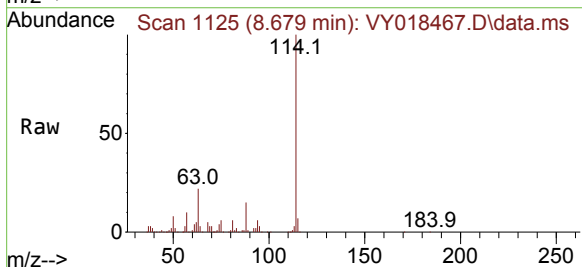
Tgt Ion: 114 Resp: 132433

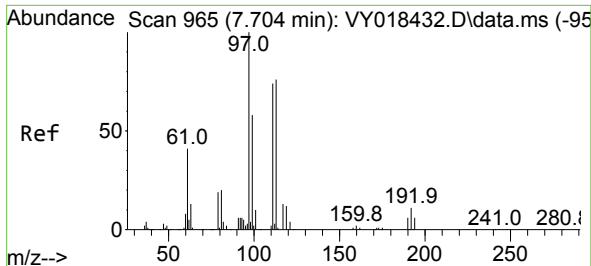
Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 15.1 0.0 27.2

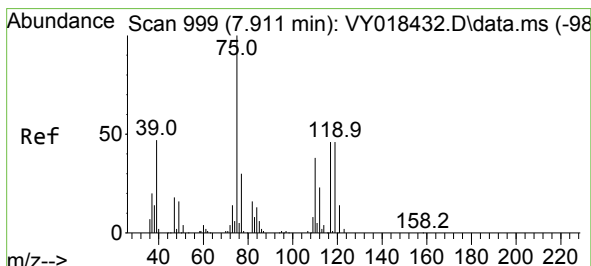
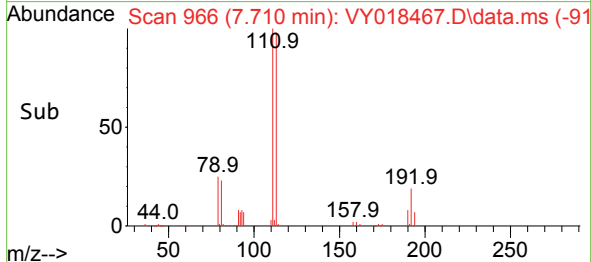
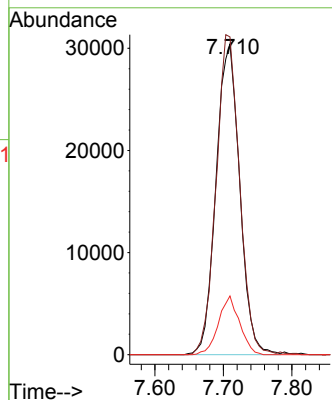
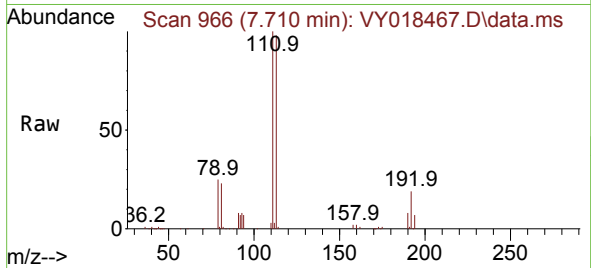




#35
Dibromofluoromethane
Concen: 43.411 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018467.D
Acq: 04 Jun 2024 16:30

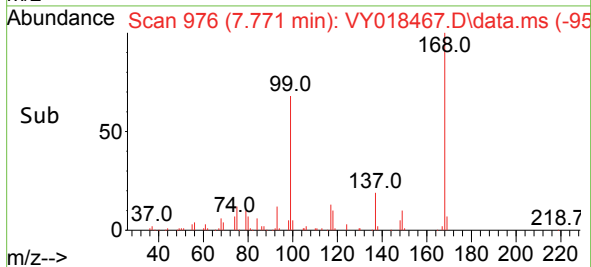
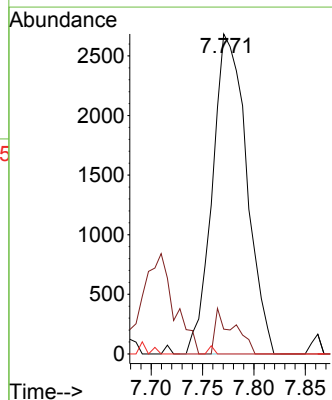
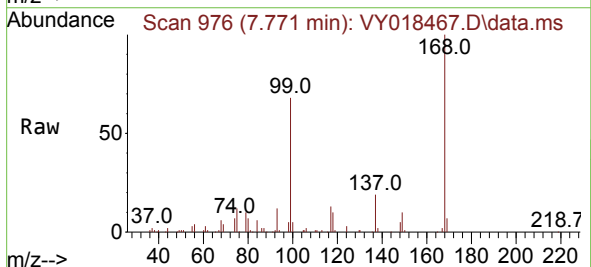
Instrument :
MSVOA_Y
ClientSampleId :

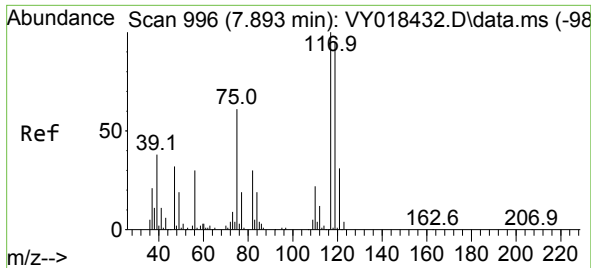
Tgt Ion:113 Resp: 72902
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 16.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.424 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.140 min
Lab File: VY018467.D
Acq: 04 Jun 2024 16:30

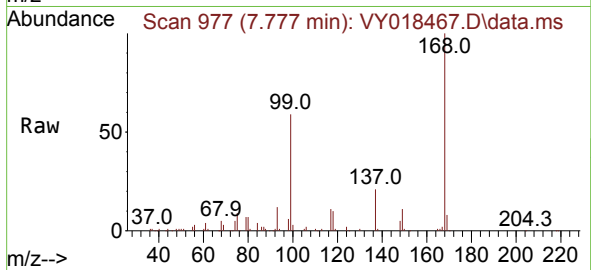
Tgt Ion: 75 Resp: 6206
Ion Ratio Lower Upper
75 100
110 7.7 19.0 57.0#
77 0.4 25.3 37.9#



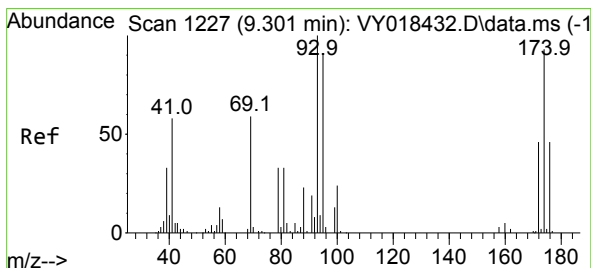
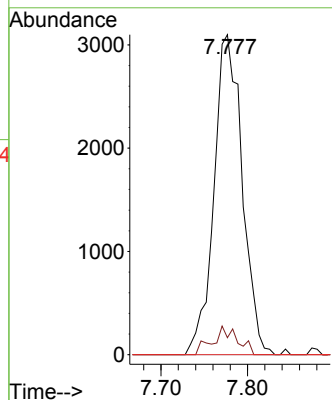
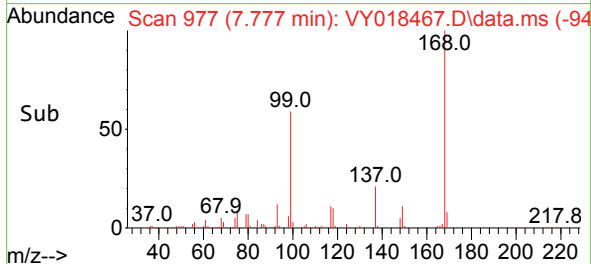


#38
Carbon Tetrachloride
Concen: 2.734 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018467.D
Acq: 04 Jun 2024 16:30

Instrument :
MSVOA_Y
ClientSampleId :

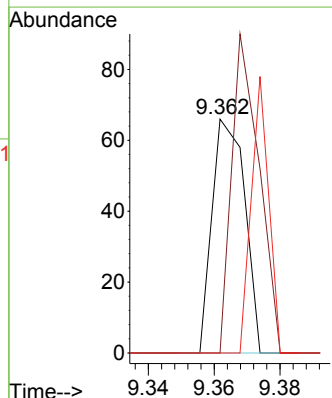
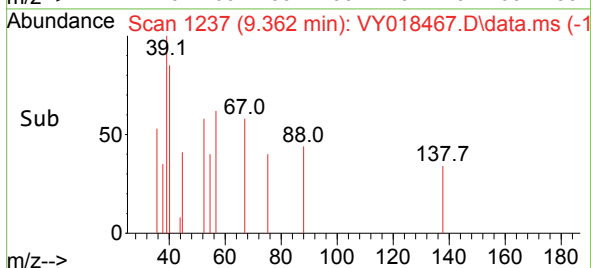
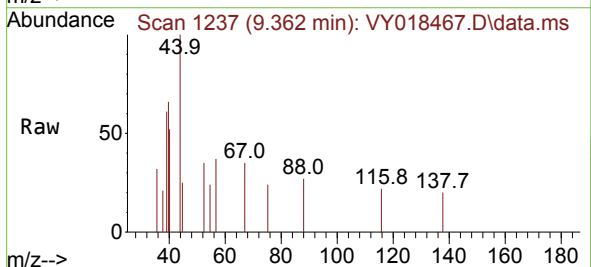


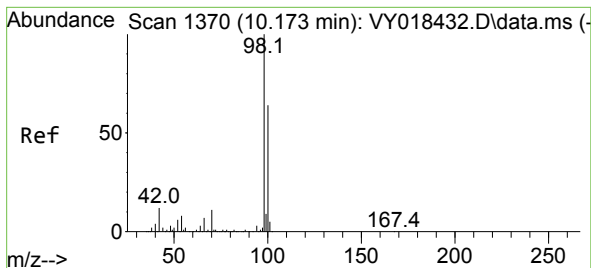
Tgt Ion:117 Resp: 7015
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.406 ug/l
RT: 9.362 min Scan# 1237
Delta R.T. 0.061 min
Lab File: VY018467.D
Acq: 04 Jun 2024 16:30

Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 115.6 0.0 0.0#
58 64.4 49.3 73.9





#50

Toluene-d8

Concen: 43.843 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018467.D

Acq: 04 Jun 2024 16:30

Instrument :

MSVOA_Y

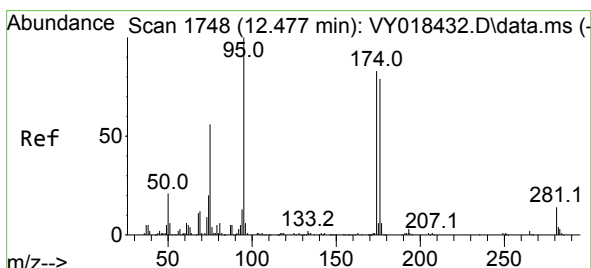
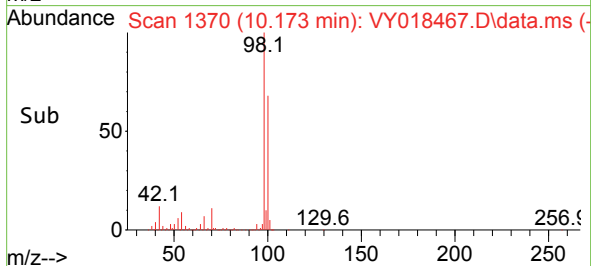
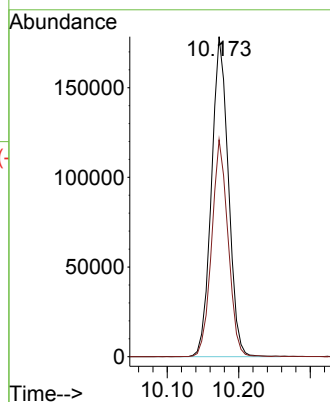
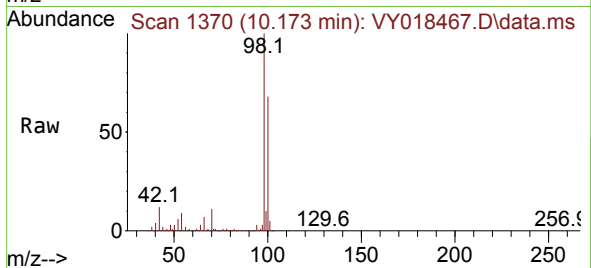
ClientSampleId :

Tgt Ion: 98 Resp: 292911

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.631 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018467.D

Acq: 04 Jun 2024 16:30

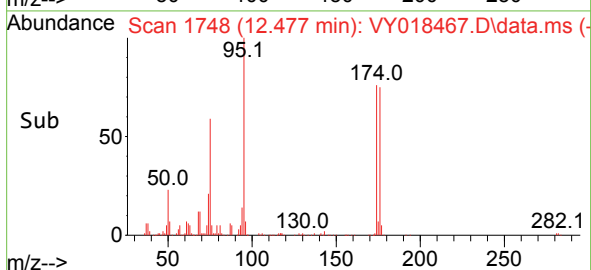
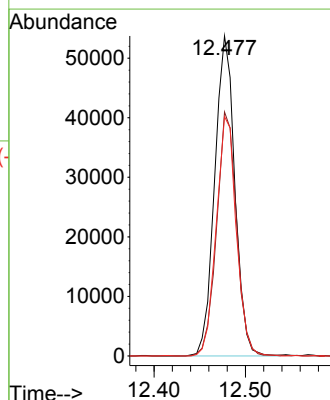
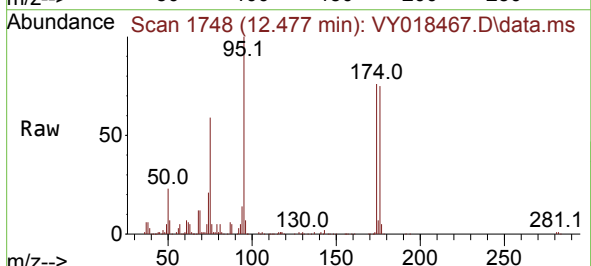
Tgt Ion: 95 Resp: 82438

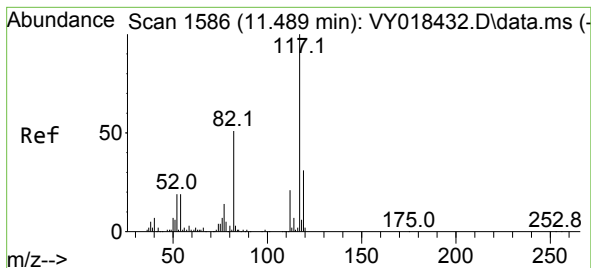
Ion Ratio Lower Upper

95 100

174 75.3 0.0 175.6

176 74.5 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: VY018467.D

Acq: 04 Jun 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

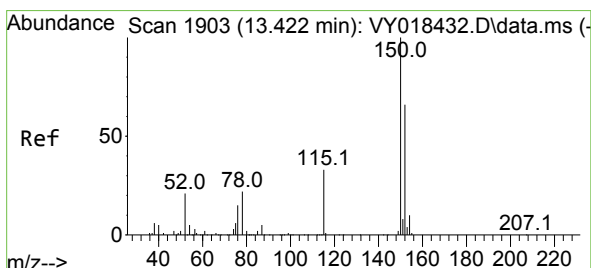
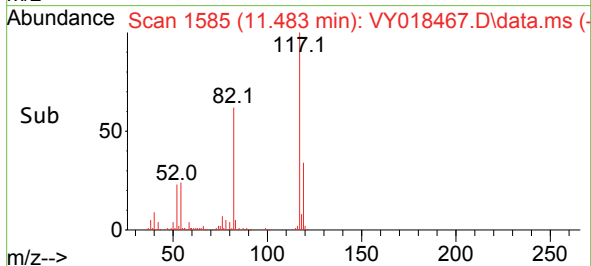
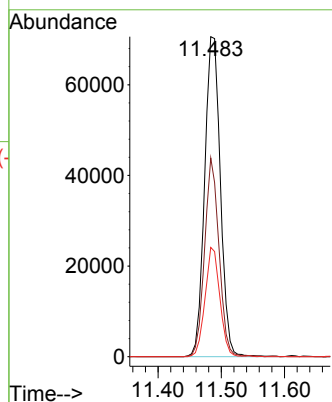
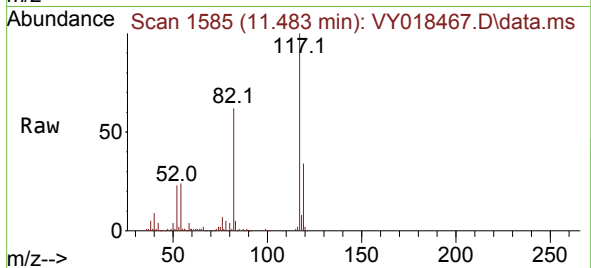
Tgt Ion:117 Resp: 122577

Ion Ratio Lower Upper

117 100

82 62.1 42.4 63.6

119 34.2 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: VY018467.D

Acq: 04 Jun 2024 16:30

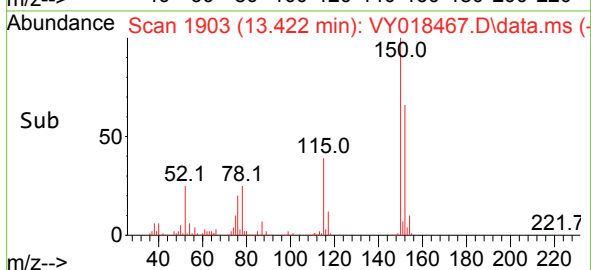
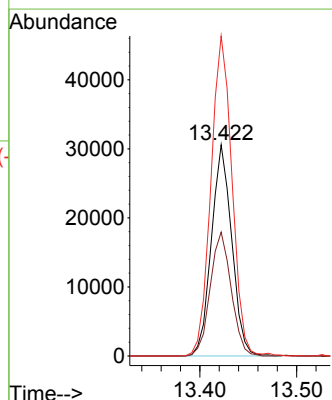
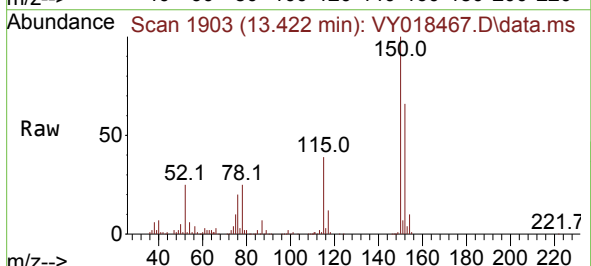
Tgt Ion:152 Resp: 44782

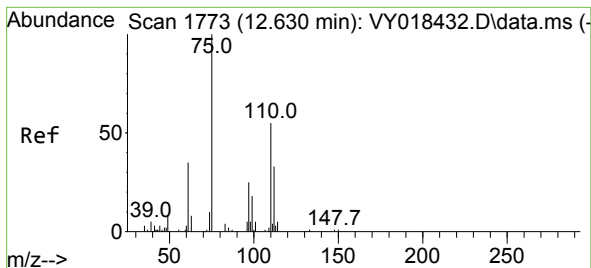
Ion Ratio Lower Upper

152 100

115 60.3 28.2 84.7

150 156.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 81.846 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018467.D

Acq: 04 Jun 2024 16:30

Instrument :

MSVOA_Y

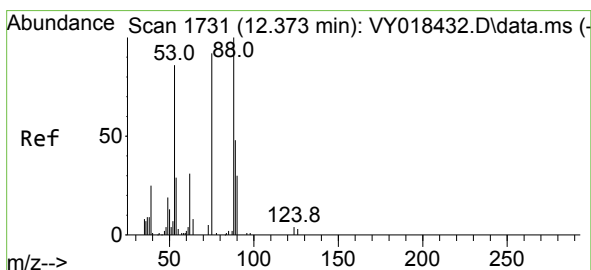
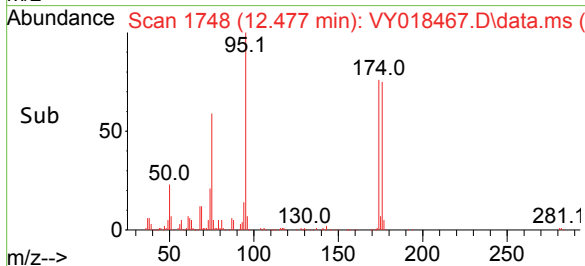
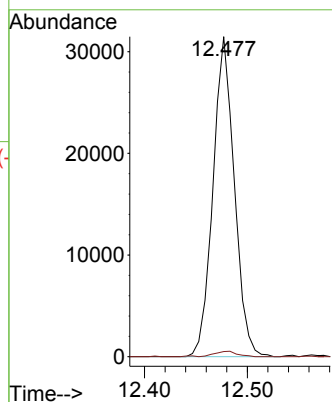
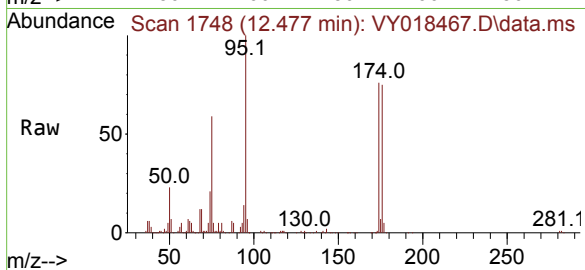
ClientSampleId :

Tgt Ion: 75 Resp: 45449

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 171.952 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018467.D

Acq: 04 Jun 2024 16:30

Tgt Ion: 75 Resp: 45449

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

