

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018534.D
 Acq On : 07 Jun 2024 18:08
 Operator : SY/MD
 Sample : P2769-01
 Misc : 8.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 23:18:21 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)

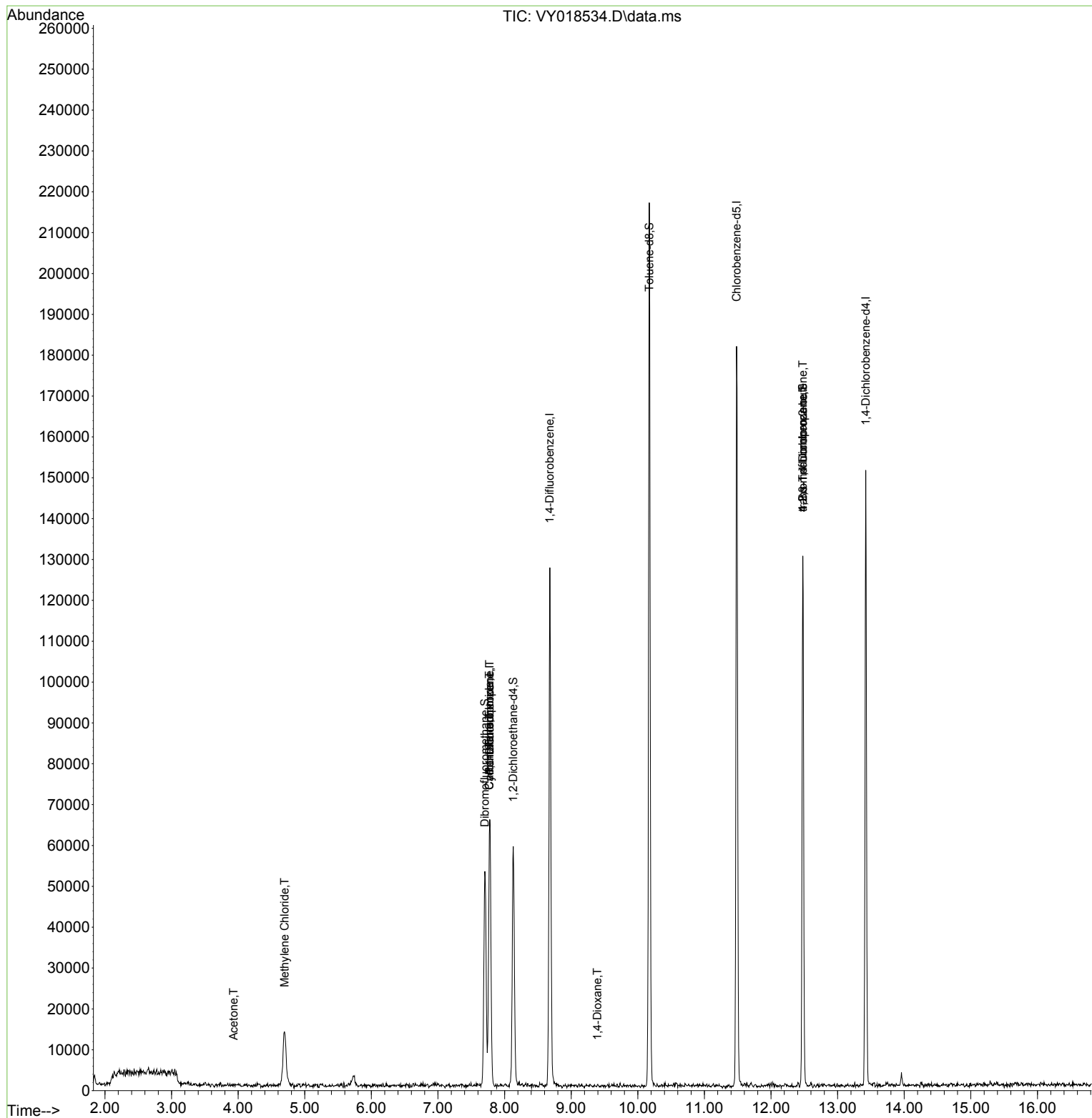
Internal Standards						
1) Pentafluorobenzene	7.777	168	46500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	96647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	93971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42641	46.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.380%
35) Dibromofluoromethane	7.704	113	36636	29.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.780%
50) Toluene-d8	10.173	98	128909	26.440	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	52.880%#
62) 4-Bromofluorobenzene	12.477	95	38631	25.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	43	Below Cal	#	88
16) Acetone	3.930	43	211	1.041	ug/l #	36
20) Methylene Chloride	4.698	84	9876	5.869	ug/l	93
31) Cyclohexane	7.771	56	1714	1.007	ug/l #	57
36) 1,1-Dichloropropene	7.777	75	4763	2.549	ug/l #	51
38) Carbon Tetrachloride	7.771	117	4985	2.662	ug/l #	22
49) 1,4-Dioxane	9.392	88	31	3.216	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	22517	55.160	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22517	115.888	ug/l #	16

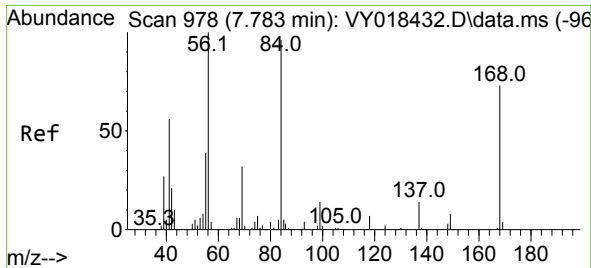
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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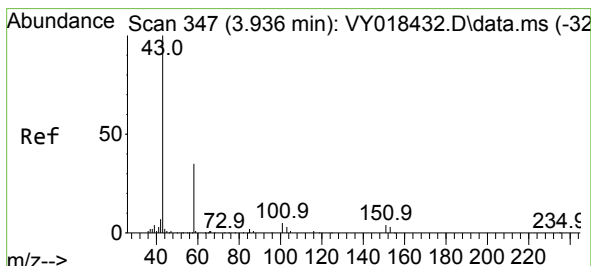
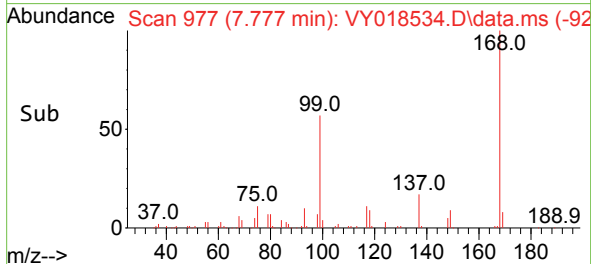
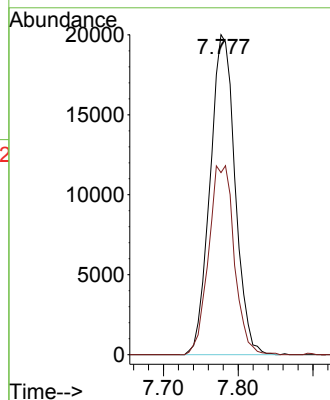
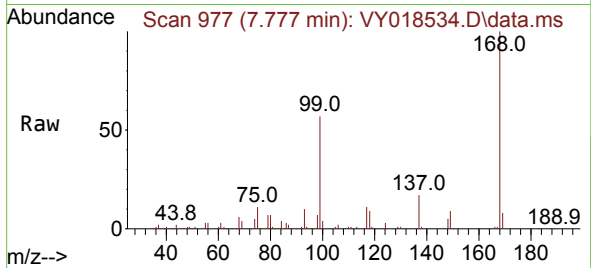




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018534.D
Acq: 07 Jun 2024 18:08

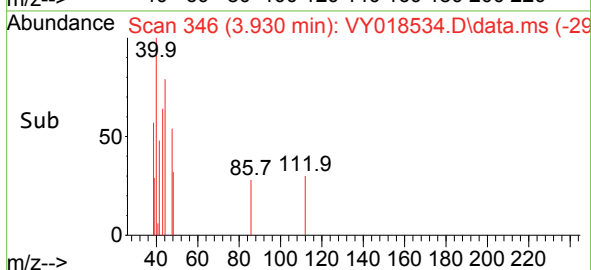
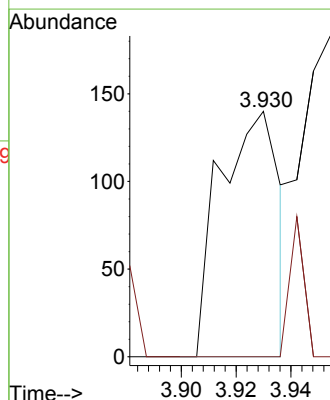
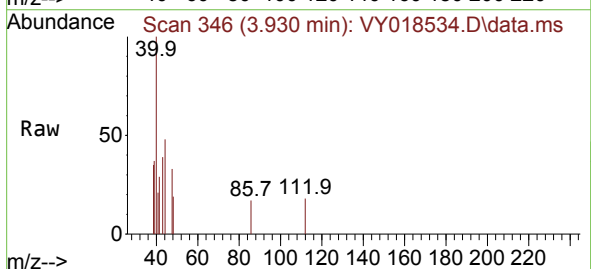
Instrument :
MSVOA_Y
ClientSampleId :

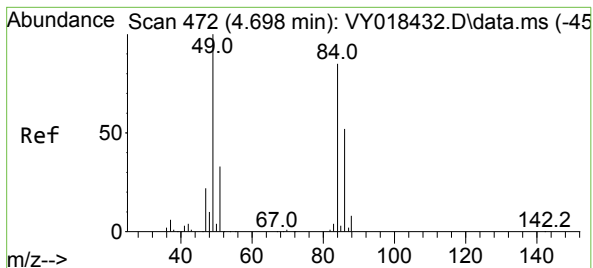
Tgt Ion:168 Resp: 46500
Ion Ratio Lower Upper
168 100
99 56.9 39.1 58.7



#16
Acetone
Concen: 1.041 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018534.D
Acq: 07 Jun 2024 18:08

Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: 5.869 ug/l

RT: 4.698 min Scan# 41

Delta R.T. 0.000 min

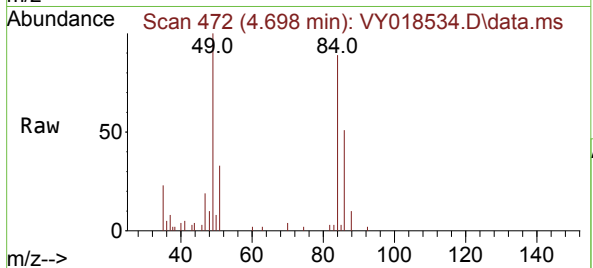
Lab File: VY018534.D

Acq: 07 Jun 2024 18:08

Instrument :

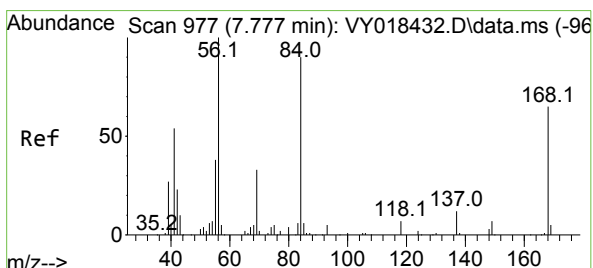
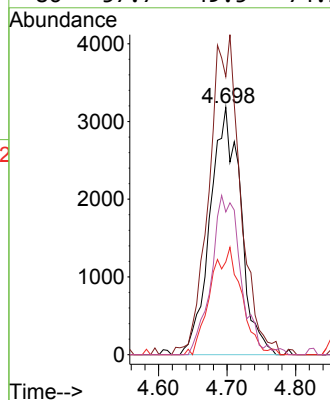
MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 9876

Ion	Ratio	Lower	Upper
84	100		
49	112.4	84.4	126.6
51	37.5	26.0	39.0
86	57.7	49.5	74.3



#31

Cyclohexane

Concen: 1.007 ug/l

RT: 7.771 min Scan# 976

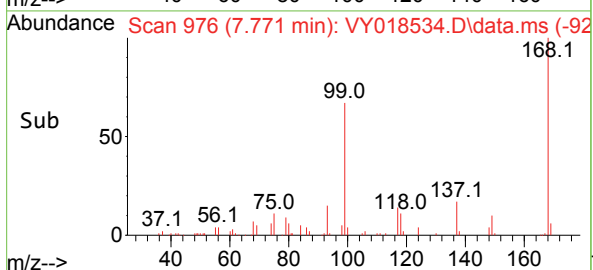
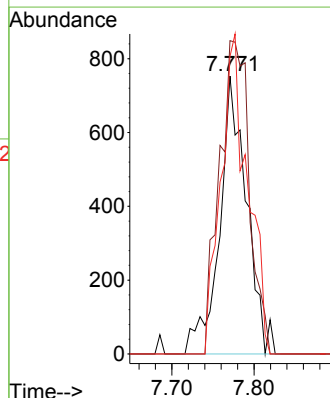
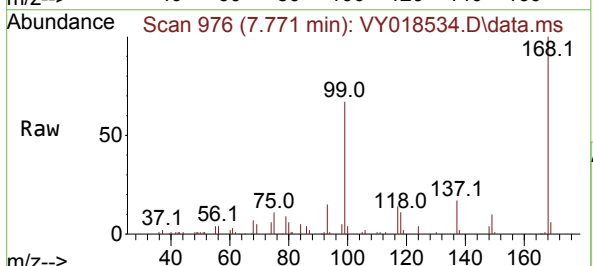
Delta R.T. -0.006 min

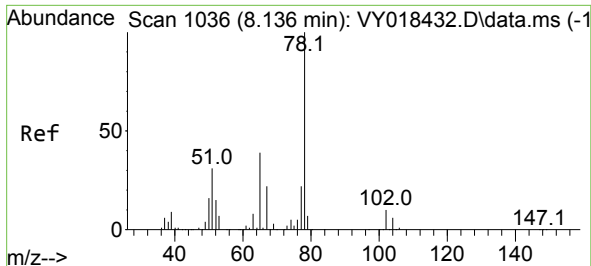
Lab File: VY018534.D

Acq: 07 Jun 2024 18:08

Tgt Ion: 56 Resp: 1714

Ion	Ratio	Lower	Upper
56	100		
69	112.7	28.7	43.1#
84	107.0	77.7	116.5

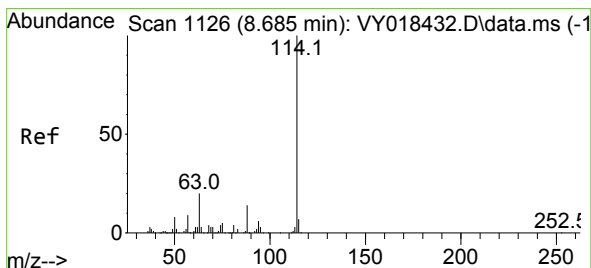
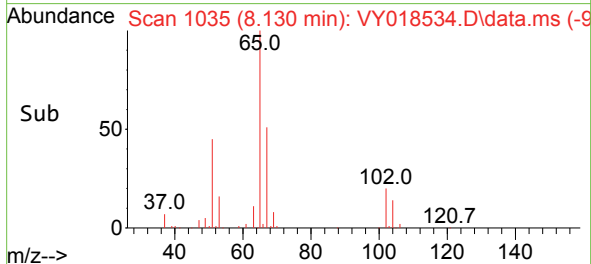
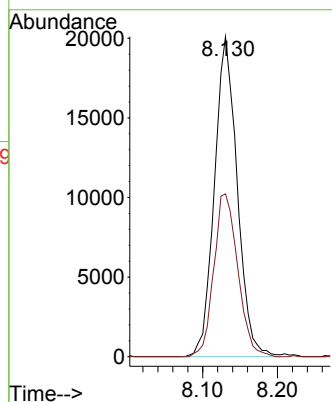
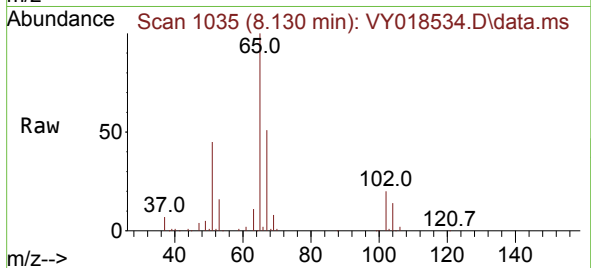




#33
 1,2-Dichloroethane-d4
 Concen: 46.695 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY018534.D
 Acq: 07 Jun 2024 18:08

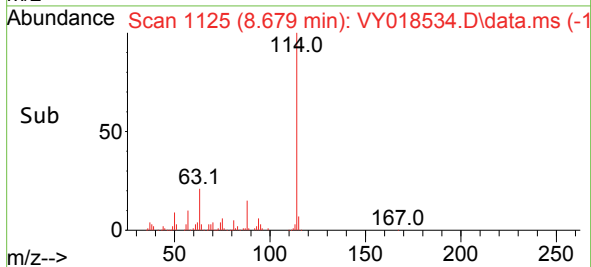
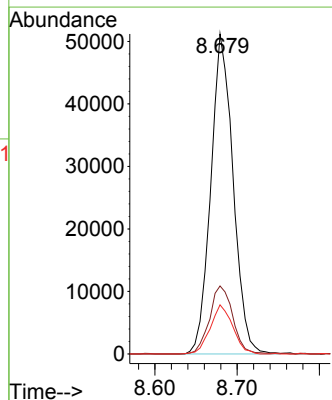
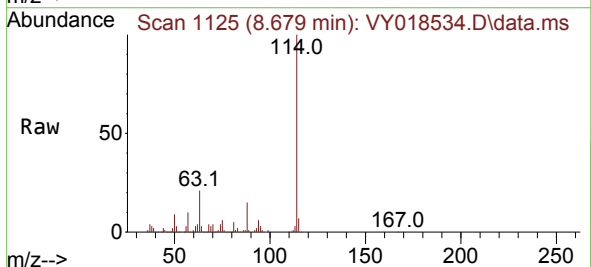
Instrument :
 MSVOA_Y
 ClientSampleId :

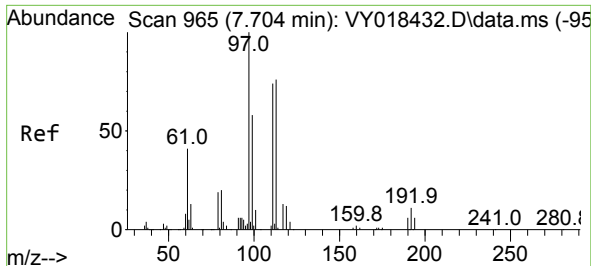
Tgt Ion: 65 Resp: 42641
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VY018534.D
 Acq: 07 Jun 2024 18:08

Tgt Ion: 114 Resp: 96647
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 35.0
 88 15.3 0.0 27.2

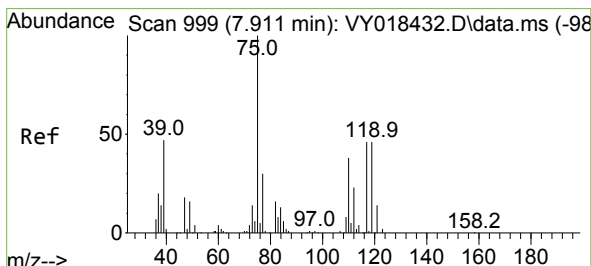
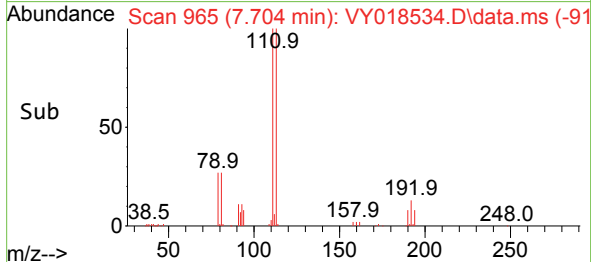
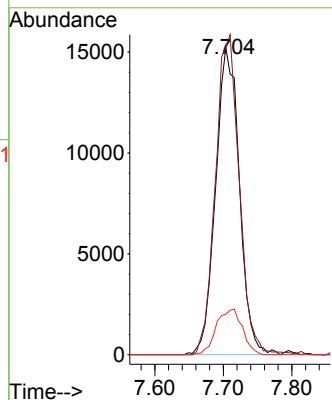
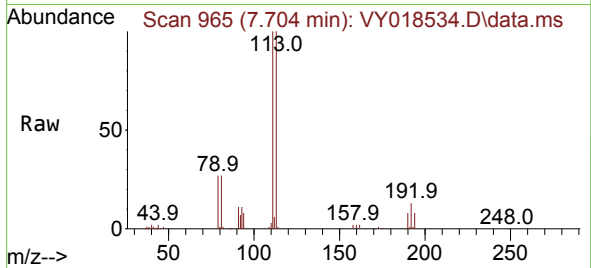




#35
Dibromofluoromethane
Concen: 29.894 ug/l
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018534.D
Acq: 07 Jun 2024 18:08

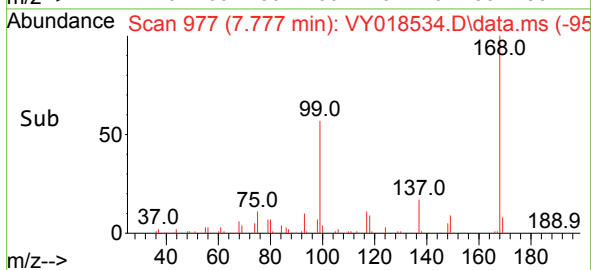
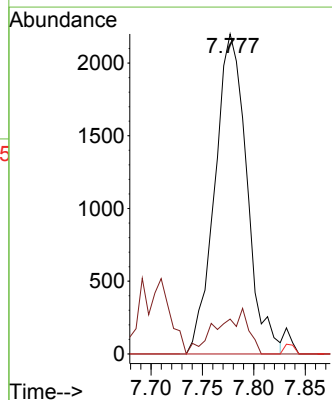
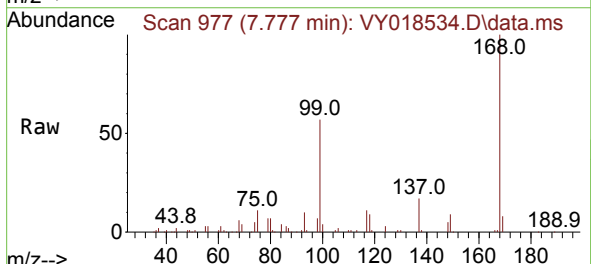
Instrument :
MSVOA_Y
ClientSampleId :

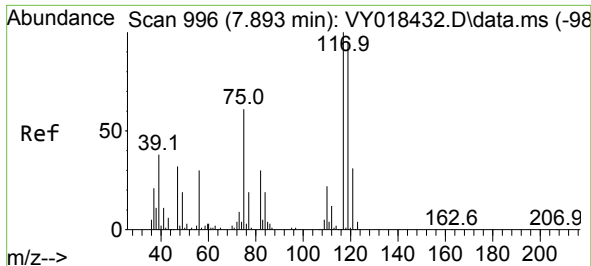
Tgt Ion:113 Resp: 36636
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 16.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.549 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018534.D
Acq: 07 Jun 2024 18:08

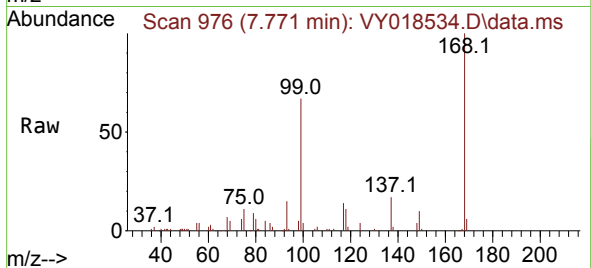
Tgt Ion: 75 Resp: 4763
Ion Ratio Lower Upper
75 100
110 12.9 19.0 57.0#
77 0.0 25.3 37.9#



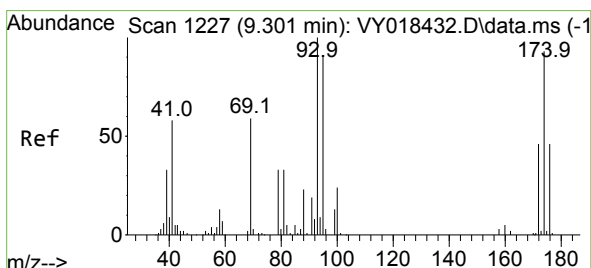
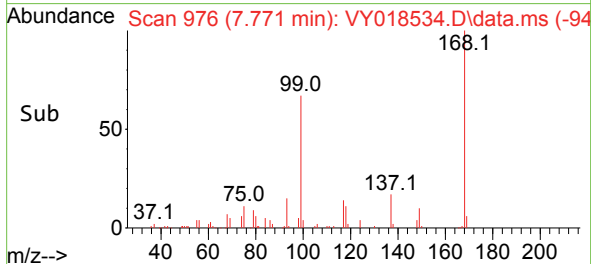
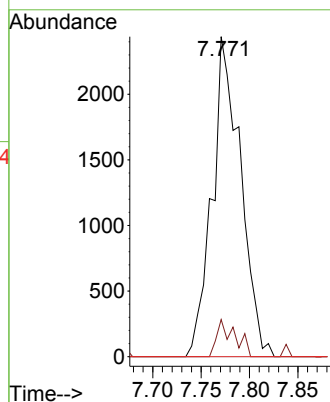


#38
Carbon Tetrachloride
Concen: 2.662 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018534.D
Acq: 07 Jun 2024 18:08

Instrument :
MSVOA_Y
ClientSampleId :

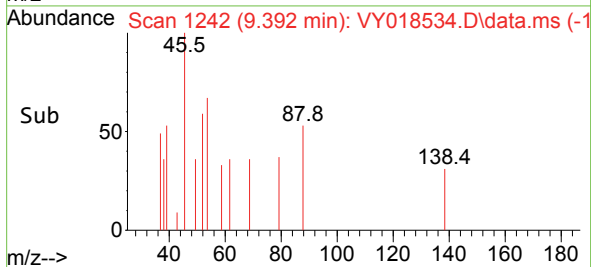
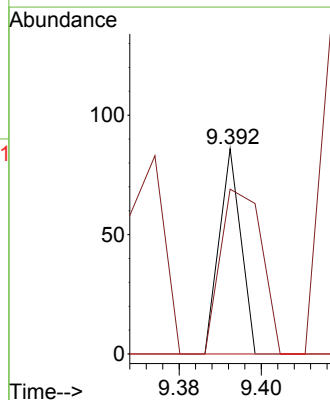
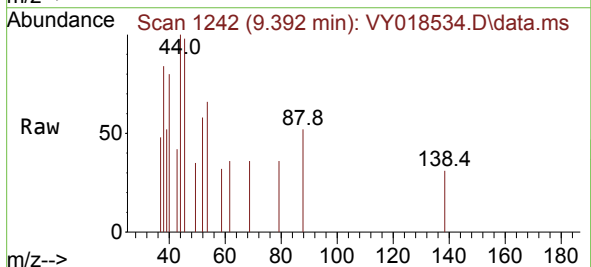


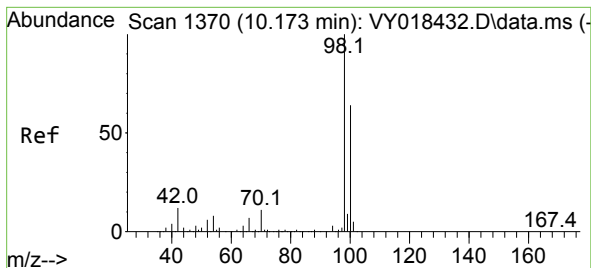
Tgt Ion:117 Resp: 4985
Ion Ratio Lower Upper
117 100
119 11.6 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.216 ug/l
RT: 9.392 min Scan# 1242
Delta R.T. 0.092 min
Lab File: VY018534.D
Acq: 07 Jun 2024 18:08

Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 154.8 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 26.440 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018534.D

Acq: 07 Jun 2024 18:08

Instrument :

MSVOA_Y

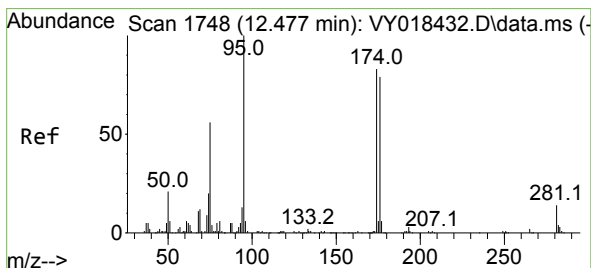
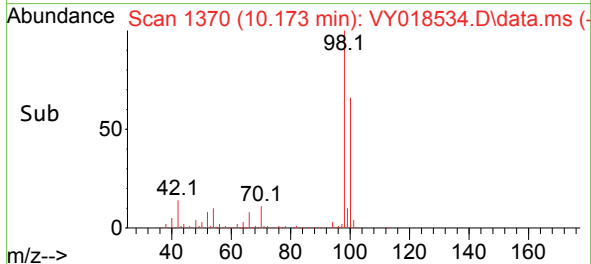
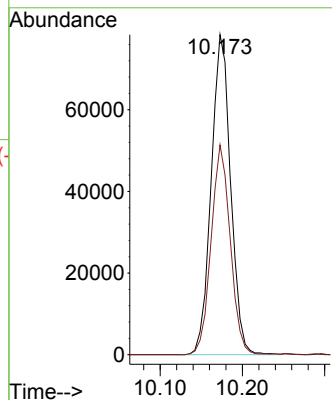
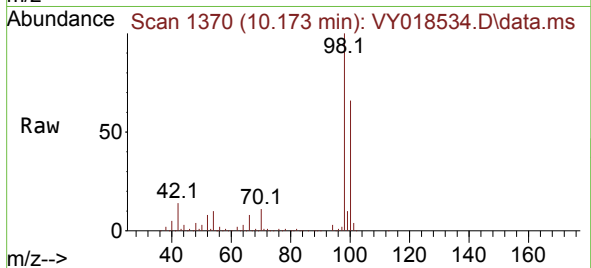
ClientSampleId :

Tgt Ion: 98 Resp: 128909

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 25.448 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018534.D

Acq: 07 Jun 2024 18:08

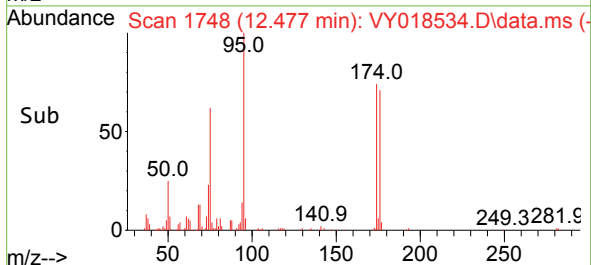
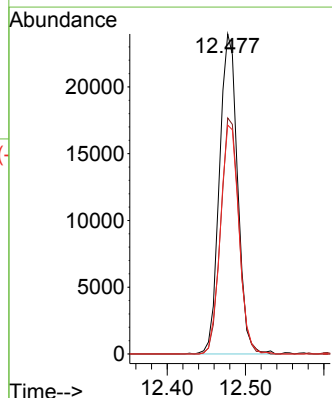
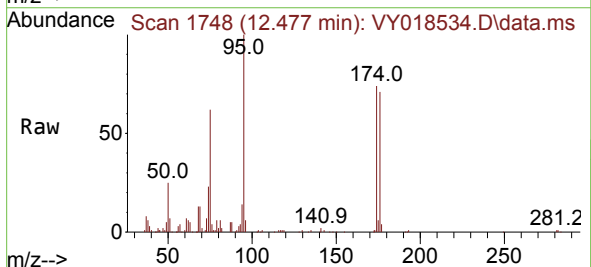
Tgt Ion: 95 Resp: 38631

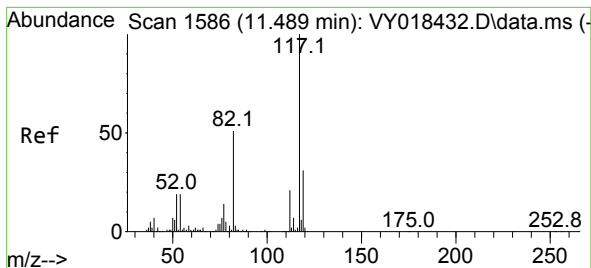
Ion Ratio Lower Upper

95 100

174 73.6 0.0 175.6

176 73.1 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: VY018534.D

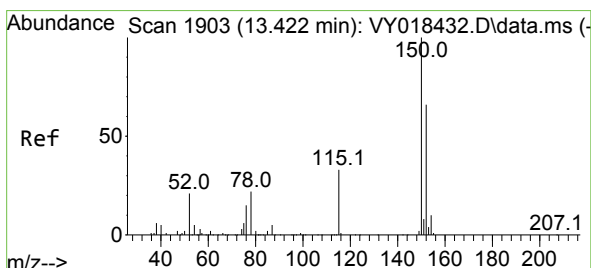
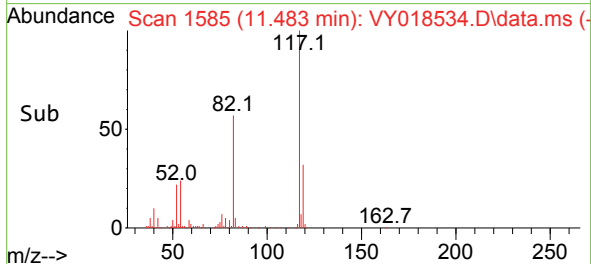
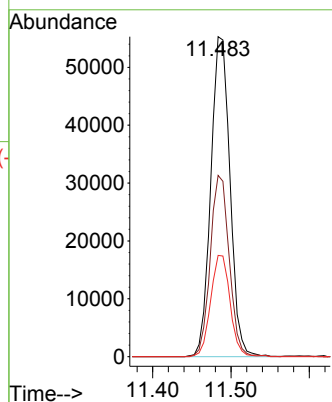
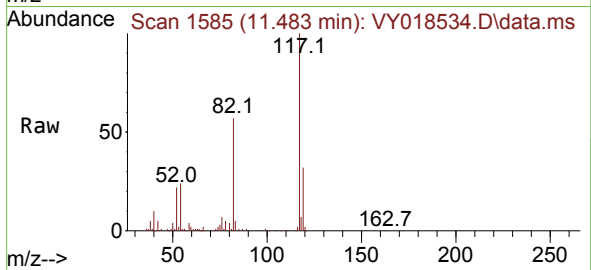
Acq: 07 Jun 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	93971
Ion	Ratio	Lower Upper
117	100	
82	56.6	42.4 63.6
119	31.7	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

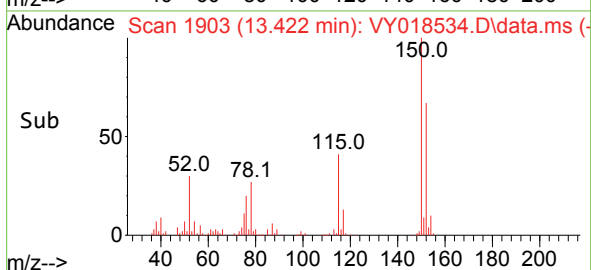
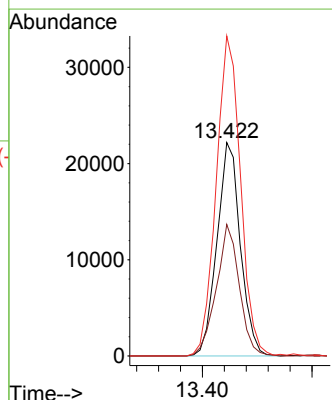
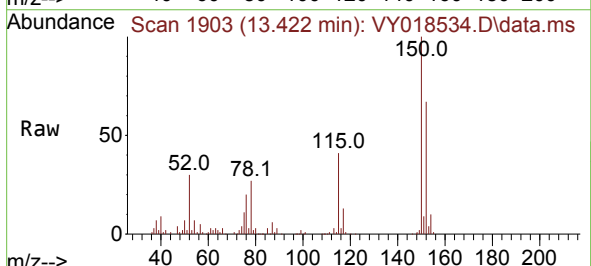
RT: 13.422 min Scan# 1903

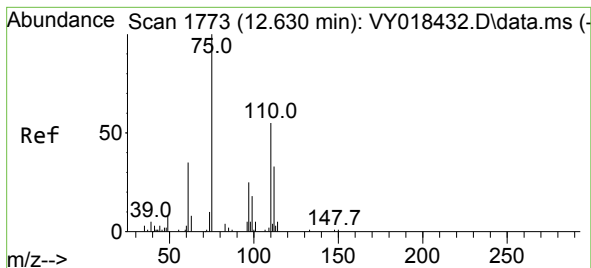
Delta R.T. 0.000 min

Lab File: VY018534.D

Acq: 07 Jun 2024 18:08

Tgt Ion:152	Resp:	32920
Ion	Ratio	Lower Upper
152	100	
115	60.6	28.2 84.7
150	156.1	0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 55.160 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018534.D

Acq: 07 Jun 2024 18:08

Instrument :

MSVOA_Y

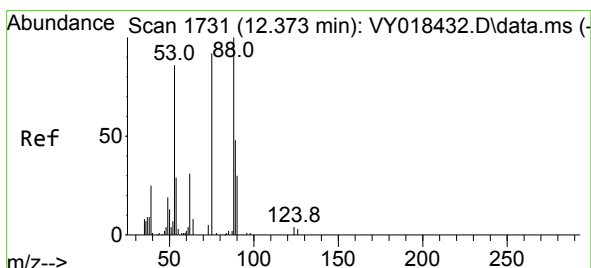
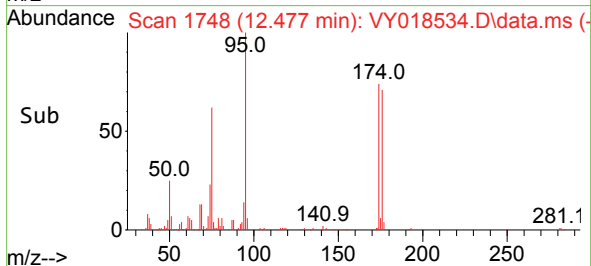
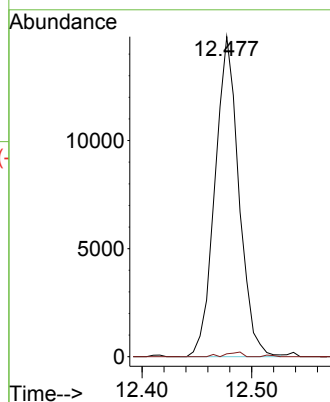
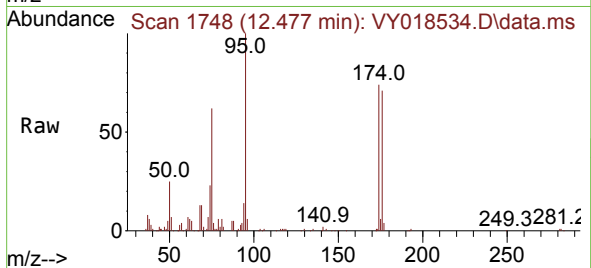
ClientSampleId :

Tgt Ion: 75 Resp: 22517

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.888 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018534.D

Acq: 07 Jun 2024 18:08

Tgt Ion: 75 Resp: 22517

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.0 35.8 53.6#

