

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018779.D
 Acq On : 11 Jul 2024 15:35
 Operator : SY/MD
 Sample : P3193-05
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 01:39:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

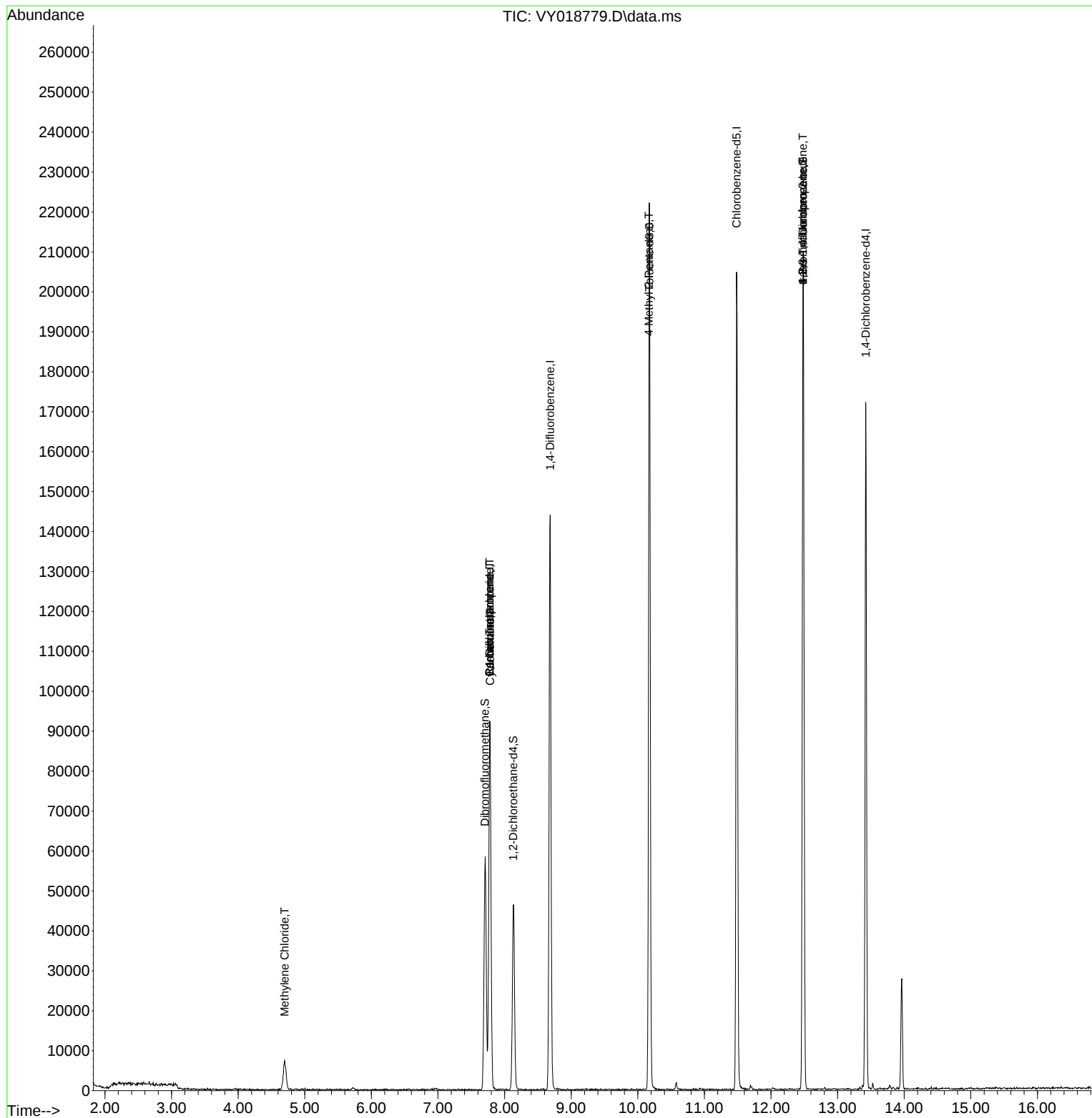
Internal Standards						
1) Pentafluorobenzene	7.777	168	72725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	112495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36335	50.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.540%
35) Dibromofluoromethane	7.703	113	39416	49.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.173	98	145452	48.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.477	95	44151	43.093	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.180%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	5871	3.212	ug/l #	91
31) Cyclohexane	7.783	56	1699	1.545	ug/l #	59
36) 1,1-Dichloropropene	7.777	75	5252	4.806	ug/l #	48
38) Carbon Tetrachloride	7.777	117	7623	5.792	ug/l #	16
51) 4-Methyl-2-Pentanone	10.166	43	703	1.523	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	24723	73.890	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	24723	165.371	ug/l #	16

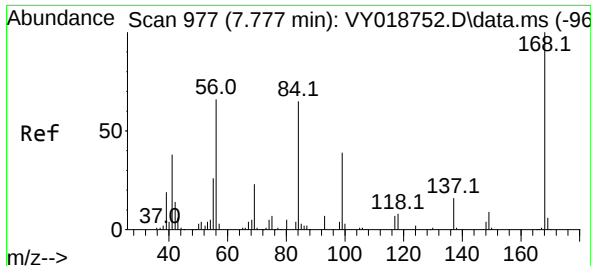
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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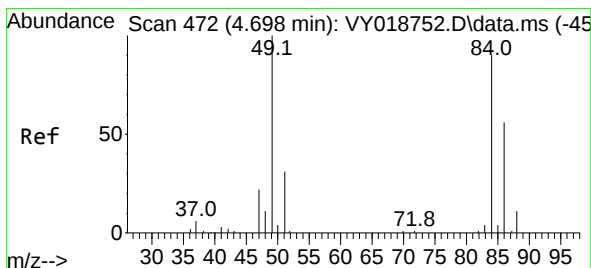
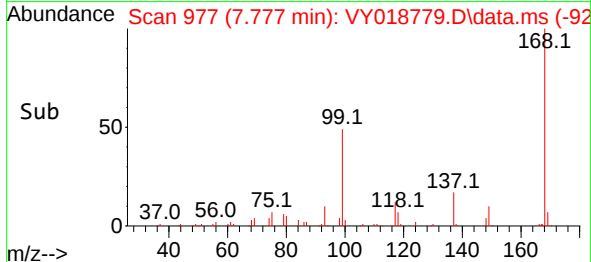
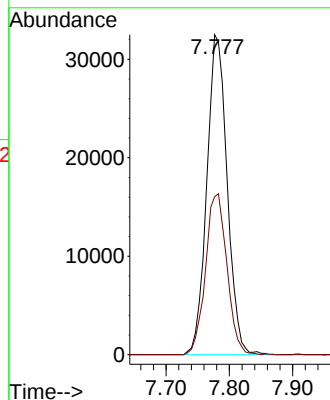
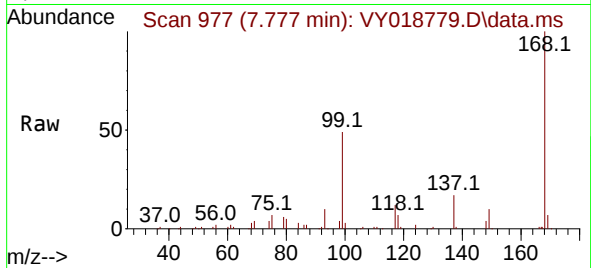




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

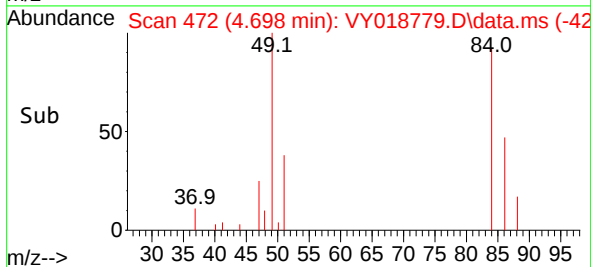
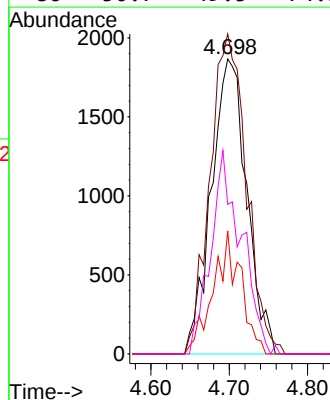
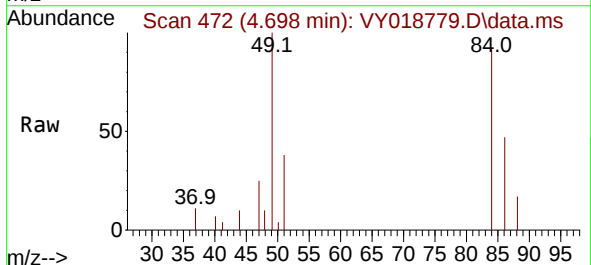
Instrument :
MSVOA_Y
ClientSampleId :

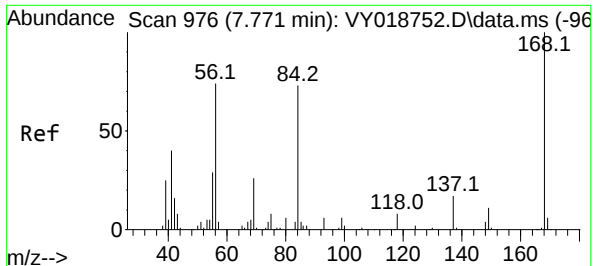
Tgt Ion:168 Resp: 72725
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#20
Methylene Chloride
Concen: 3.212 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

Tgt Ion: 84 Resp: 5871
Ion Ratio Lower Upper
84 100
49 108.5 84.4 126.6
51 41.7 26.0 39.0#
86 50.7 49.5 74.3

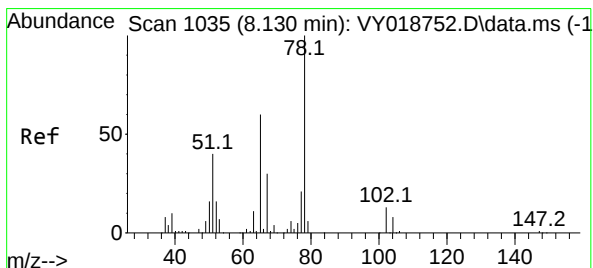
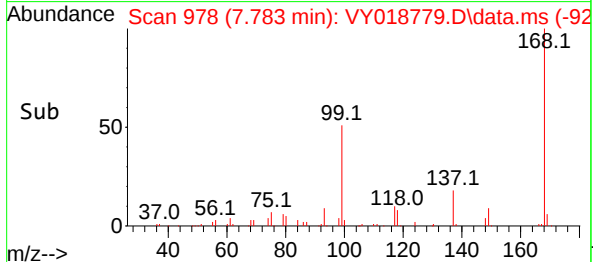
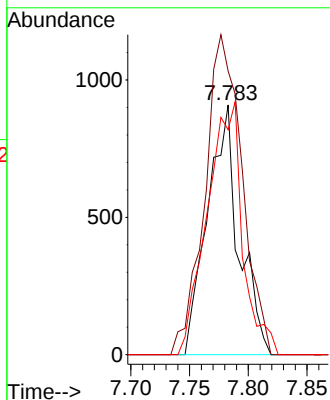
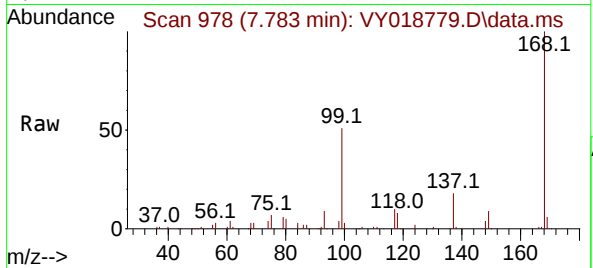




#31
Cyclohexane
Concen: 1.545 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

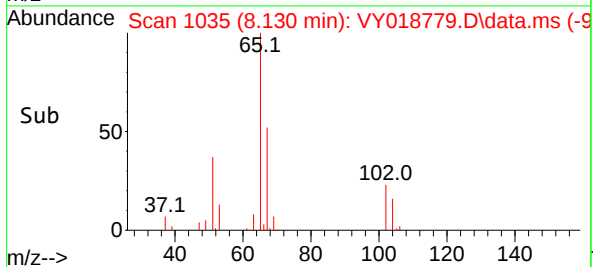
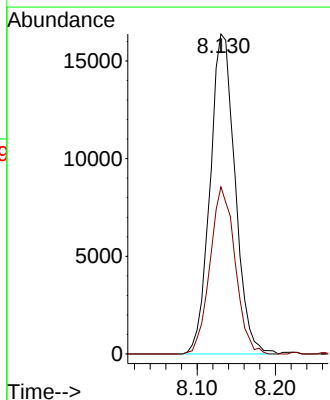
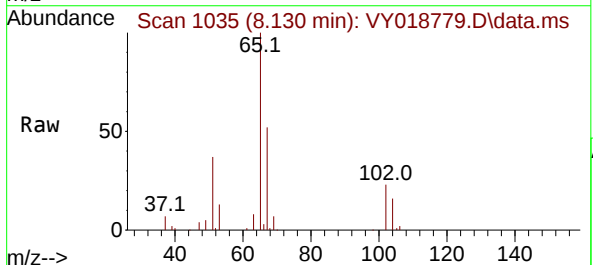
Instrument :
MSVOA_Y
ClientSampleId :

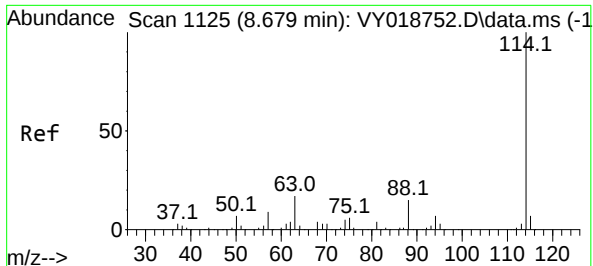
Tgt Ion: 56 Resp: 1699
Ion Ratio Lower Upper
56 100
69 113.6 28.7 43.1#
84 90.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 50.774 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

Tgt Ion: 65 Resp: 36335
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018779.D

Acq: 11 Jul 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

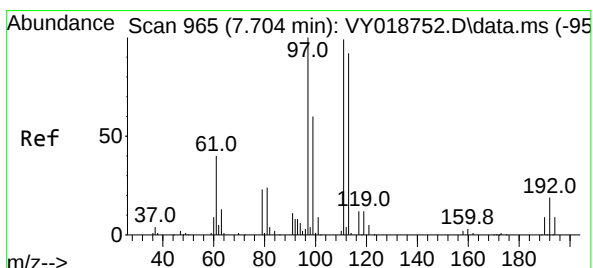
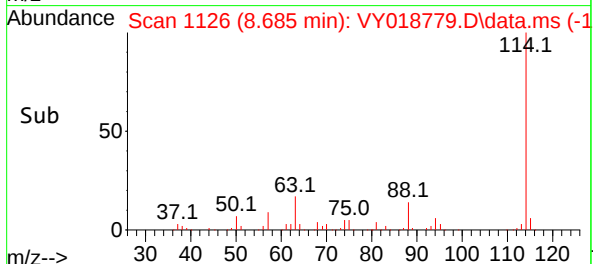
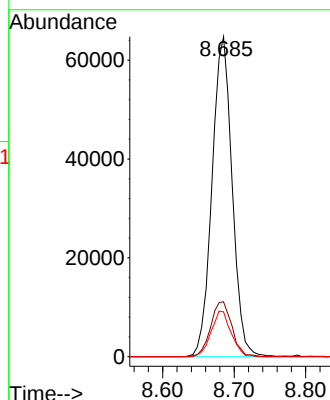
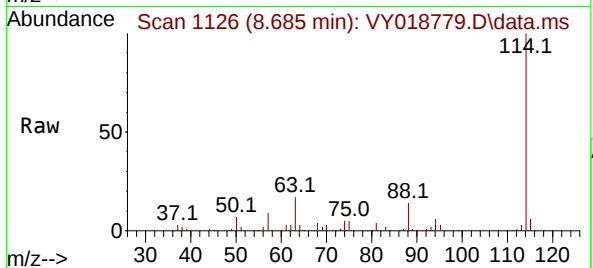
Tgt Ion:114 Resp: 126435

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.775 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018779.D

Acq: 11 Jul 2024 15:35

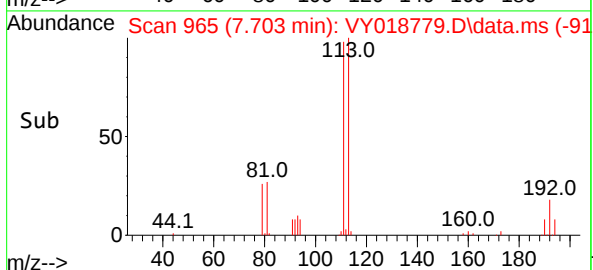
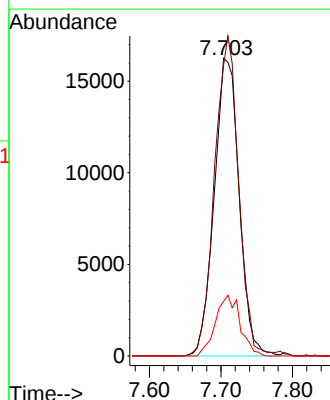
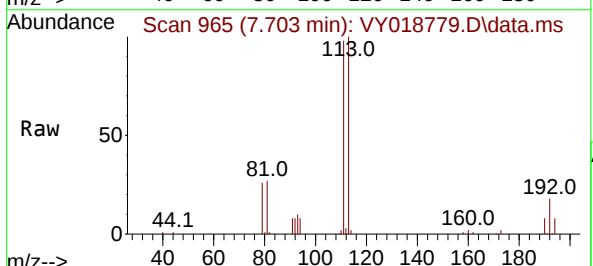
Tgt Ion:113 Resp: 39416

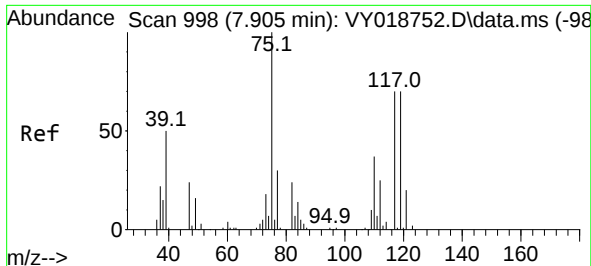
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 20.1 15.9 23.9

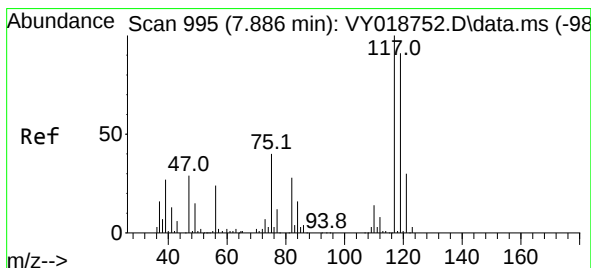
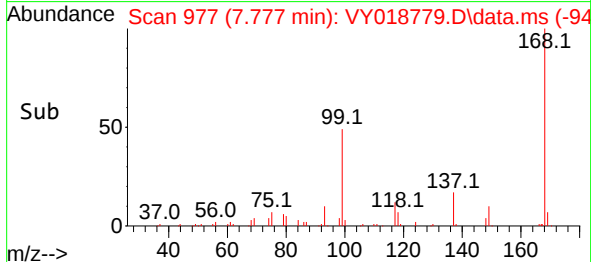
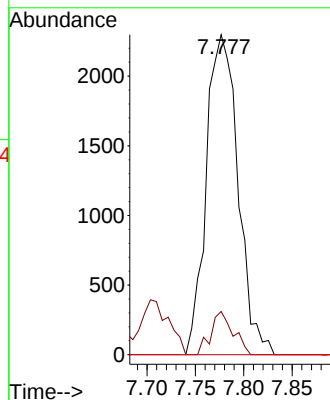
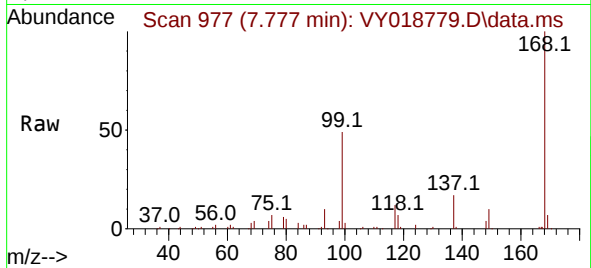




#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

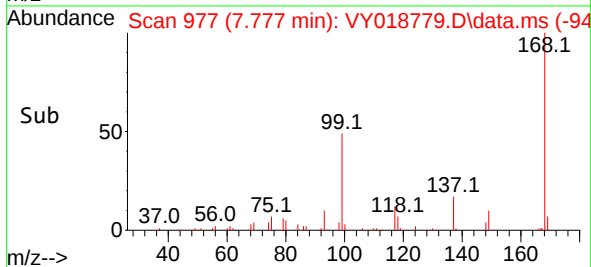
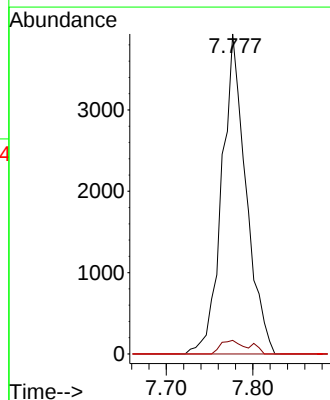
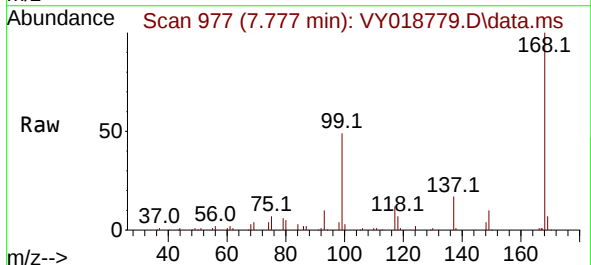
Instrument :
MSVOA_Y
ClientSampleId :

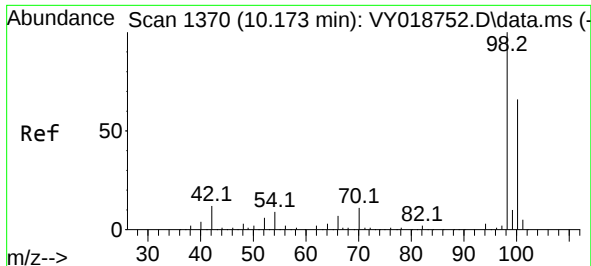
Tgt Ion: 75 Resp: 5252
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.792 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

Tgt Ion: 117 Resp: 7623
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#

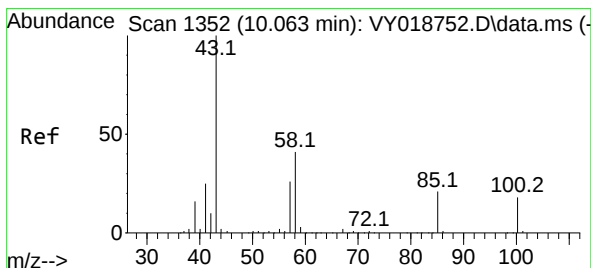
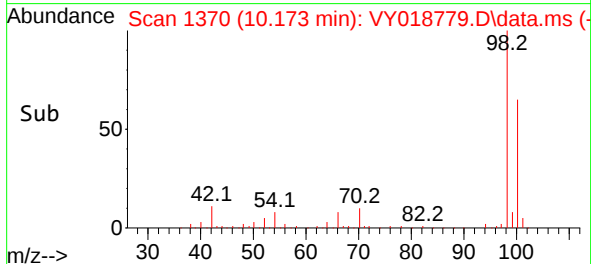
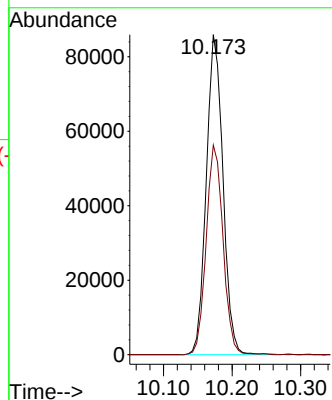
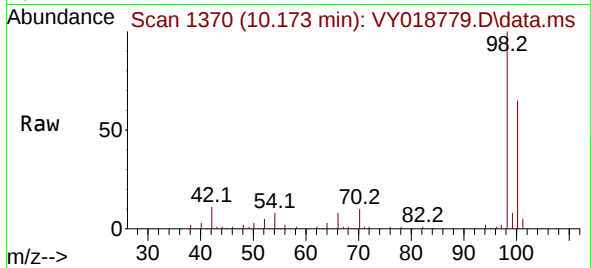




#50
Toluene-d8
Concen: 48.482 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

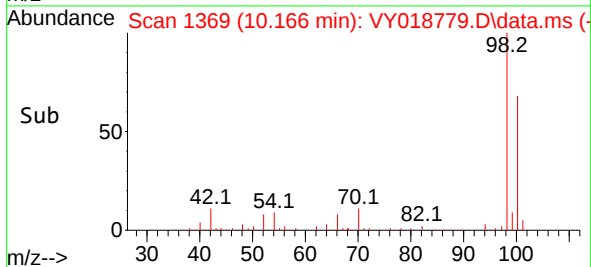
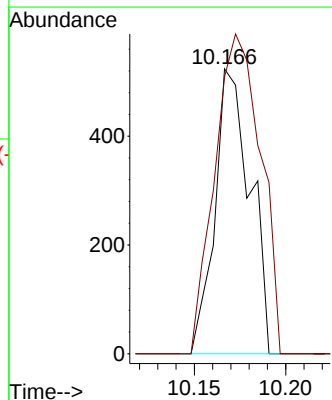
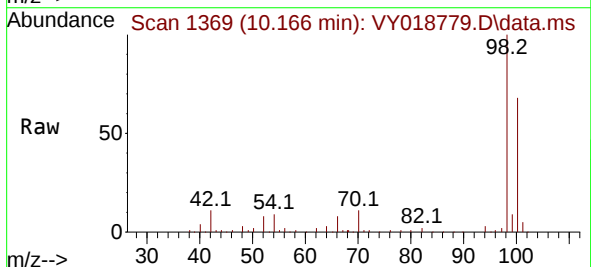
Instrument :
MSVOA_Y
ClientSampleId :

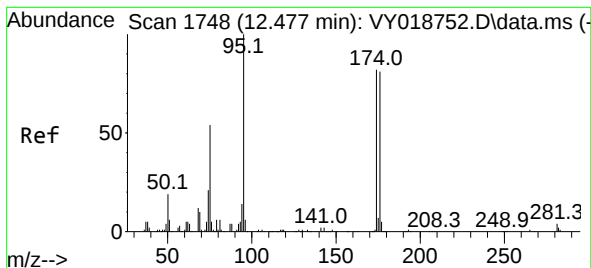
Tgt Ion: 98 Resp: 145452
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.523 ug/l
RT: 10.166 min Scan# 1369
Delta R.T. 0.103 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 145.8 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 43.093 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018779.D

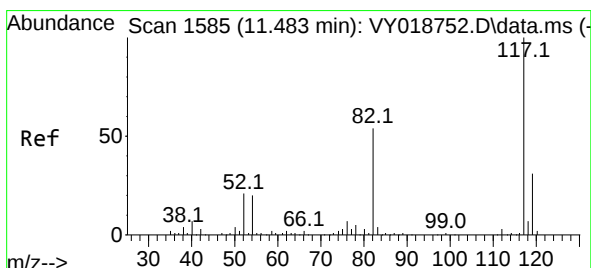
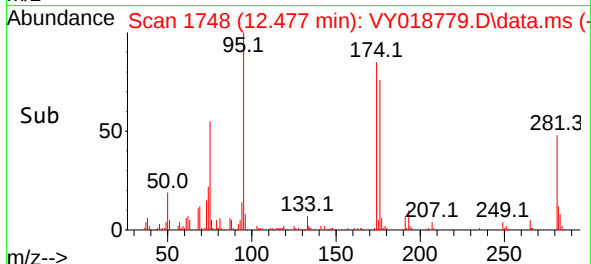
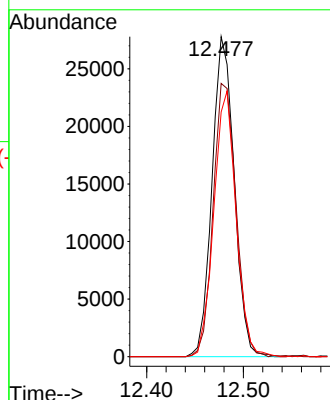
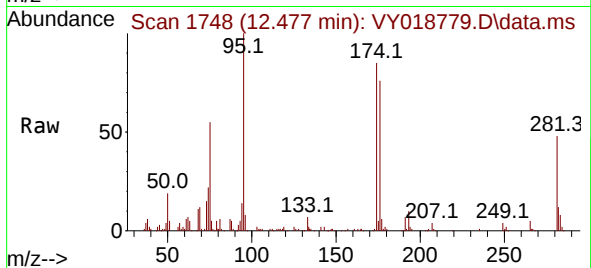
Acq: 11 Jul 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95	Resp: 44151
Ion Ratio	Lower Upper
95	100
174	88.1 0.0 175.6
176	83.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

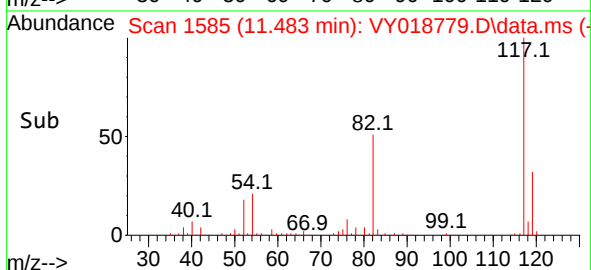
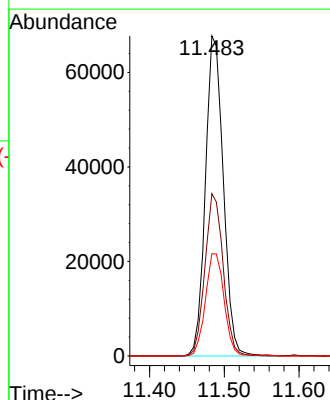
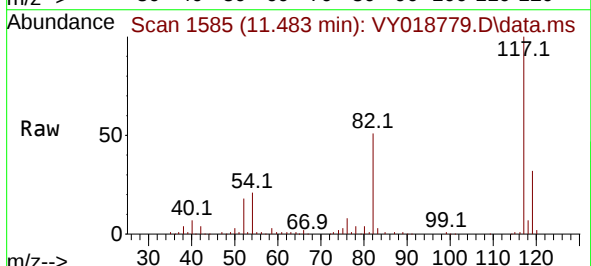
RT: 11.483 min Scan# 1585

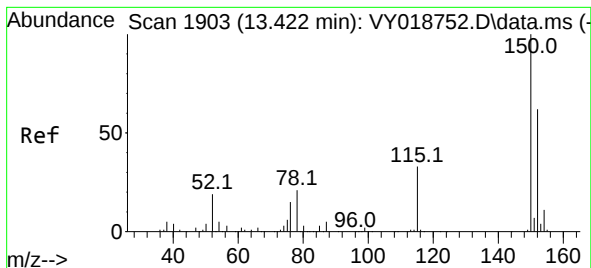
Delta R.T. -0.000 min

Lab File: VY018779.D

Acq: 11 Jul 2024 15:35

Tgt Ion: 117	Resp: 112495
Ion Ratio	Lower Upper
117	100
82	50.7 42.4 63.6
119	32.0 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: VY018779.D

Acq: 11 Jul 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

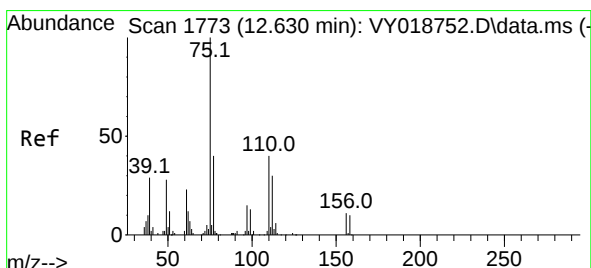
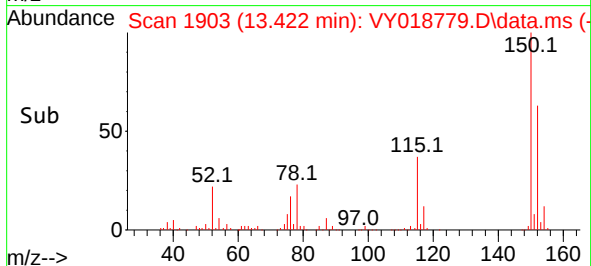
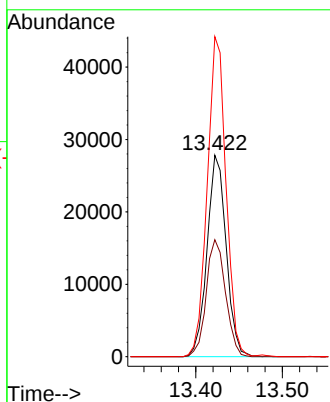
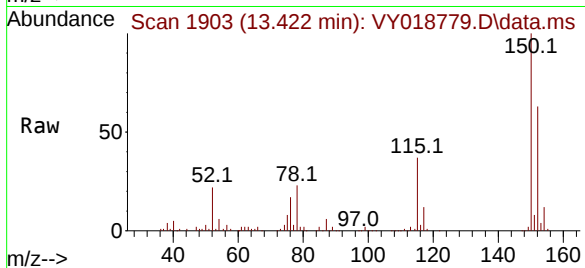
Tgt Ion:152 Resp: 42720

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 155.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 73.890 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018779.D

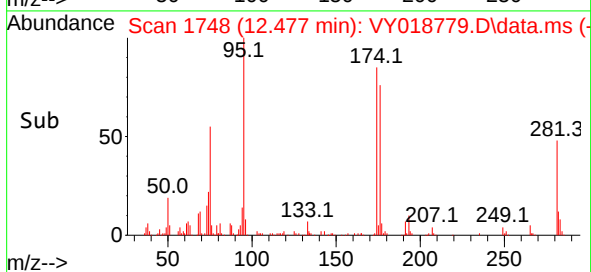
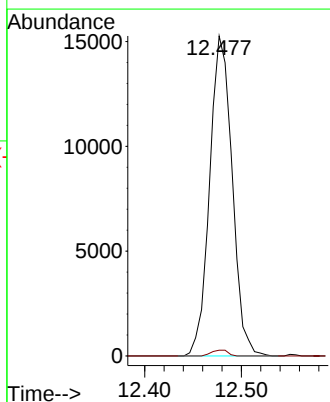
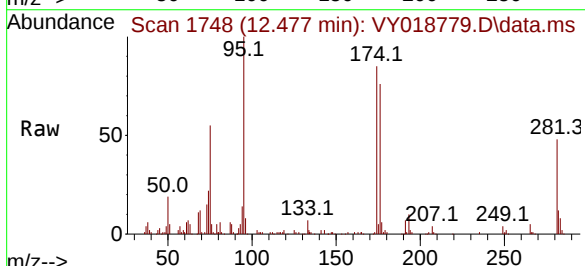
Acq: 11 Jul 2024 15:35

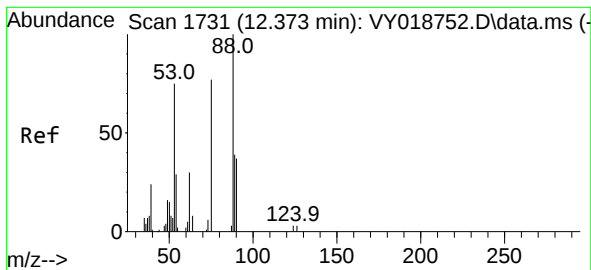
Tgt Ion: 75 Resp: 24723

Ion Ratio Lower Upper

75 100

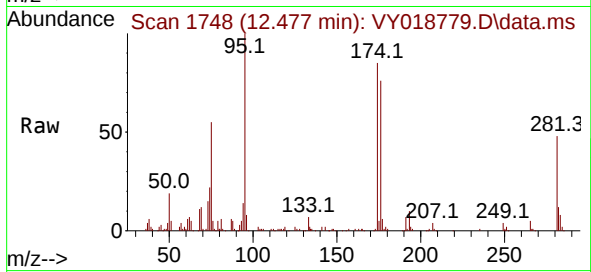
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 165.371 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 24723
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.9 35.8 53.6#

