

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018840.D
 Acq On : 16 Jul 2024 19:05
 Operator : SY/MD
 Sample : P3248-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 17 02:00:16 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	212751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	364528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	336148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	106953	51.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.180%
35) Dibromofluoromethane	7.704	113	113869	49.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.173	98	413465	47.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.477	95	139110	47.093	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.180%

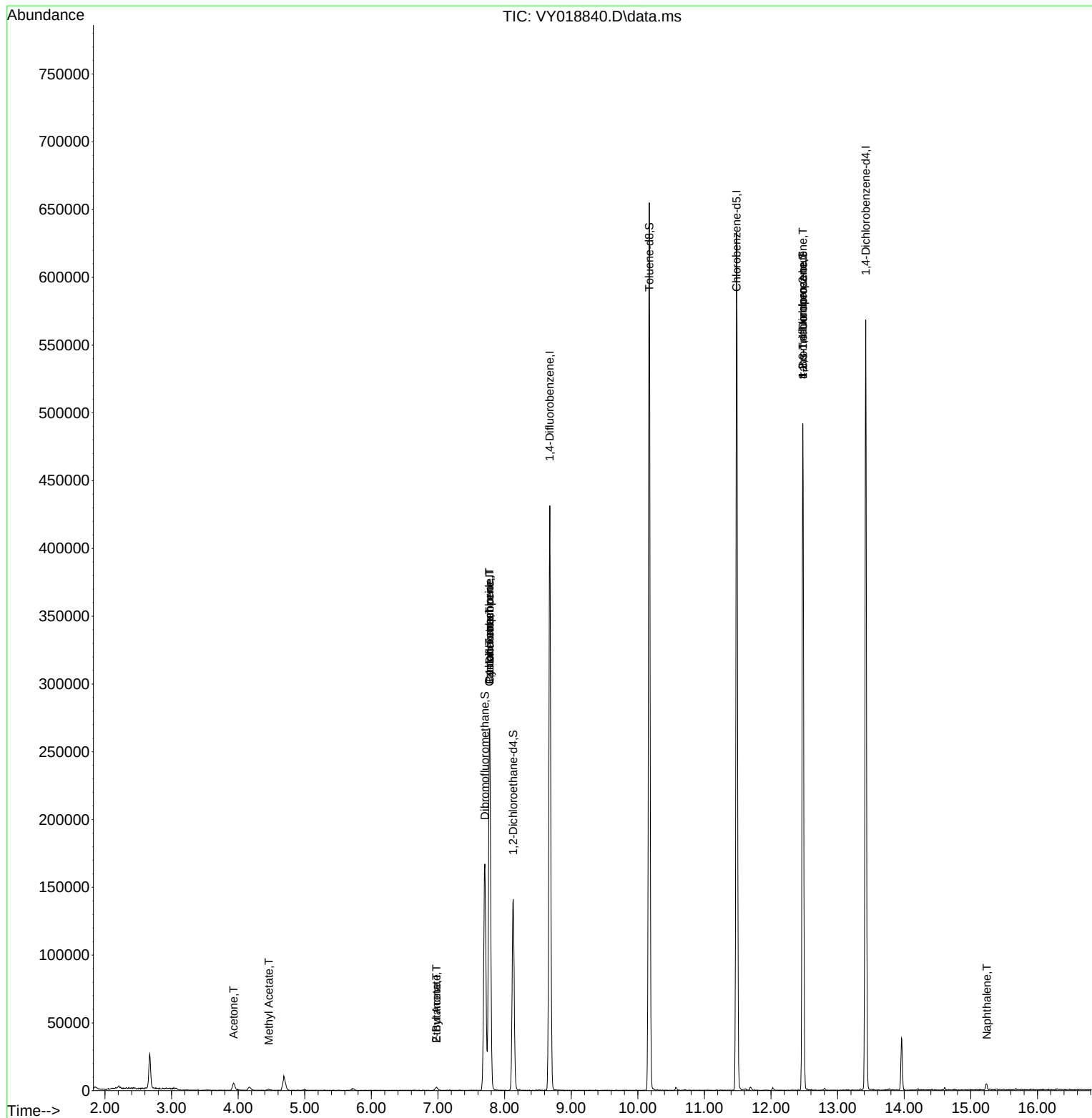
Target Compounds					Qvalue	
16) Acetone	3.930	43	9301	24.098	ug/l #	74
18) Methyl Acetate	4.460	43	1540	1.373	ug/l	91
20) Methylene Chloride	4.686	84	6876	Below Cal		92
25) 2-Butanone	6.978	43	3249	6.005	ug/l #	75
31) Cyclohexane	7.777	56	4339	1.349	ug/l #	15
36) 1,1-Dichloropropene	7.777	75	15752	4.999	ug/l #	50
37) Ethyl Acetate	6.978	43	3249	2.481	ug/l #	67
38) Carbon Tetrachloride	7.771	117	21118	5.565	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	76553	68.755	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76553	153.878	ug/l #	16
95) Naphthalene	15.239	128	4585	1.039	ug/l	97

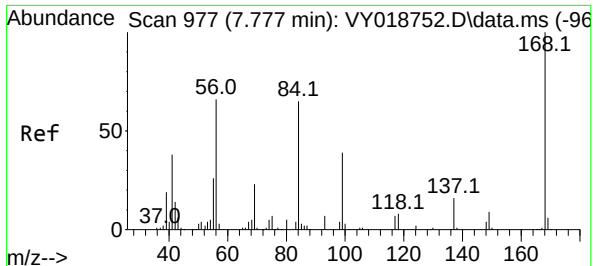
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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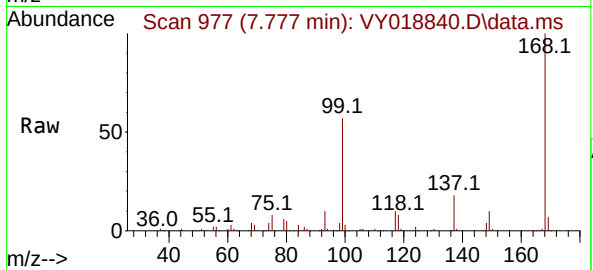
Quant Time: Jul 17 02:00:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



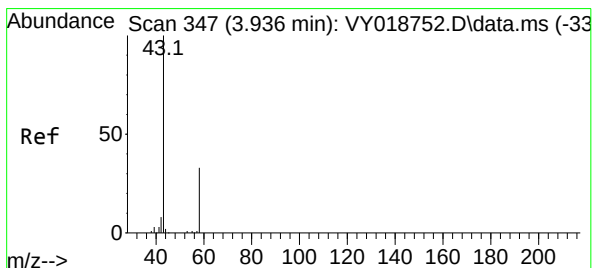
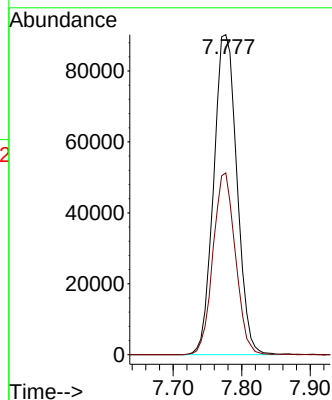
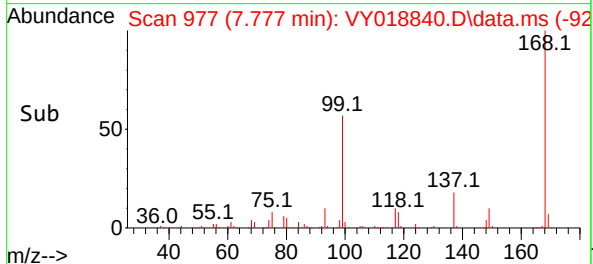


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Instrument :
MSVOA_Y
ClientSampleId :

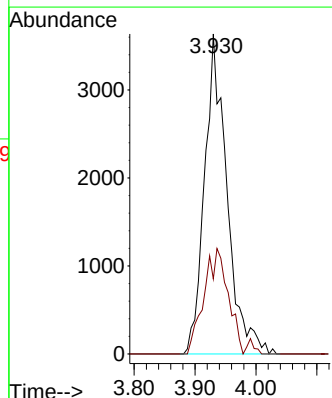
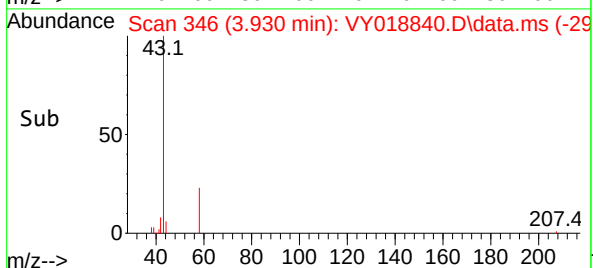
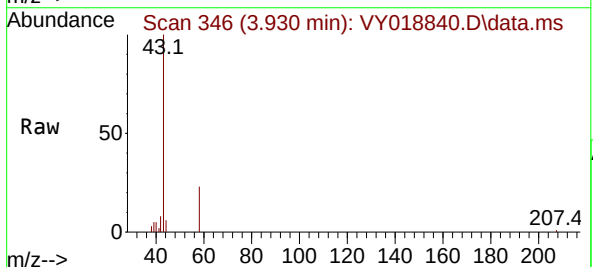


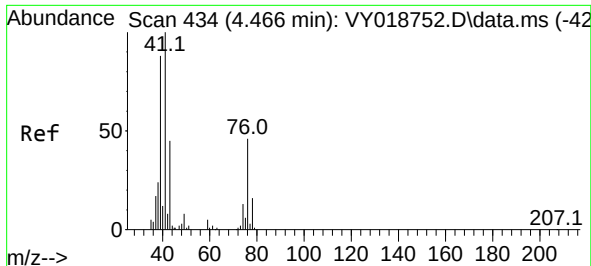
Tgt Ion:168 Resp: 212751
Ion Ratio Lower Upper
168 100
99 56.8 39.1 58.7



#16
Acetone
Concen: 24.098 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

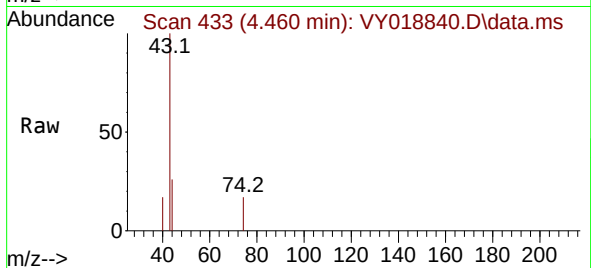
Tgt Ion: 43 Resp: 9301
Ion Ratio Lower Upper
43 100
58 23.5 31.7 47.5#



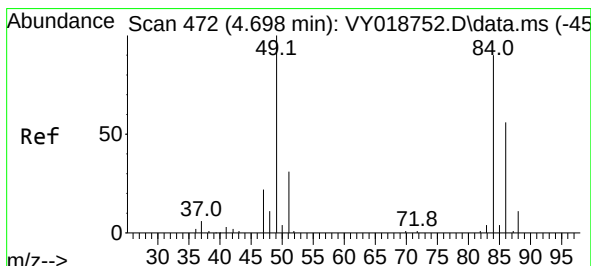
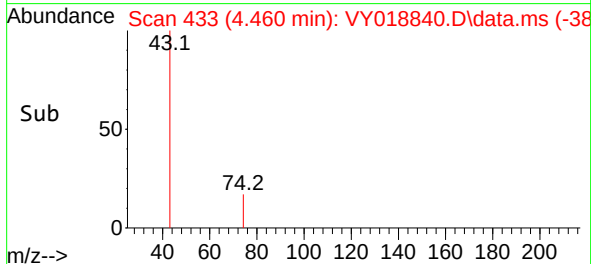
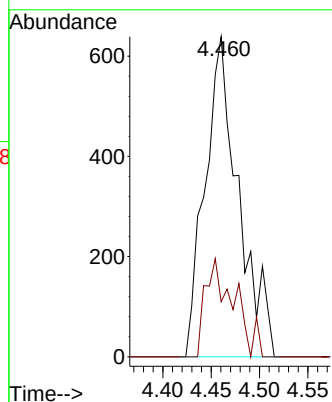


#18
Methyl Acetate
Concen: 1.373 ug/l
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Instrument :
MSVOA_Y
ClientSampleId :

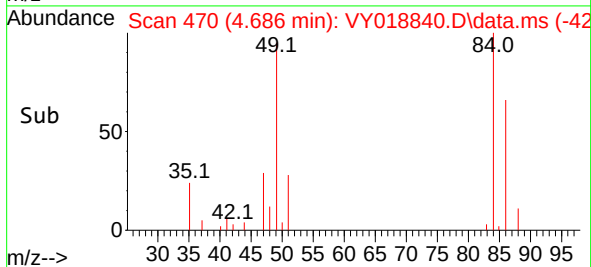
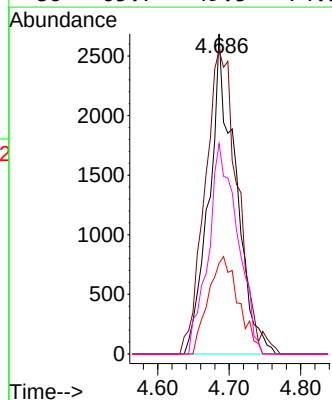
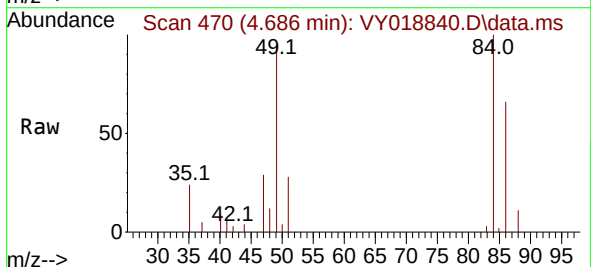


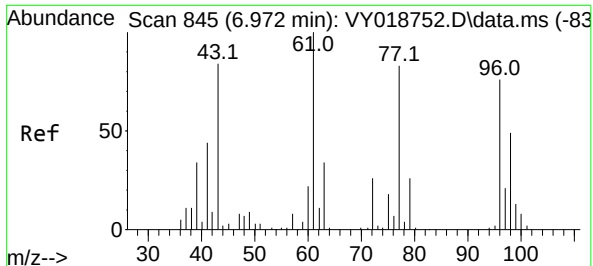
Tgt Ion: 43 Resp: 1540
Ion Ratio Lower Upper
43 100
74 24.4 23.3 34.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.686 min Scan# 470
Delta R.T. -0.012 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Tgt Ion: 84 Resp: 6876
Ion Ratio Lower Upper
84 100
49 94.9 84.4 126.6
51 28.3 26.0 39.0
86 65.7 49.5 74.3





#25

2-Butanone

Concen: 6.005 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY018840.D

Acq: 16 Jul 2024 19:05

Instrument :

MSVOA_Y

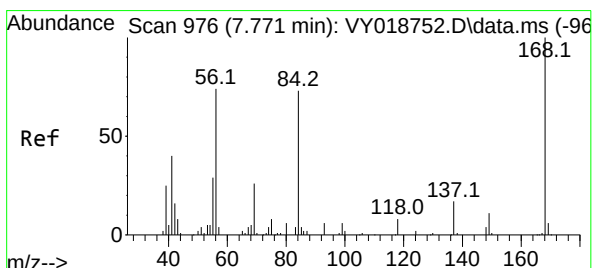
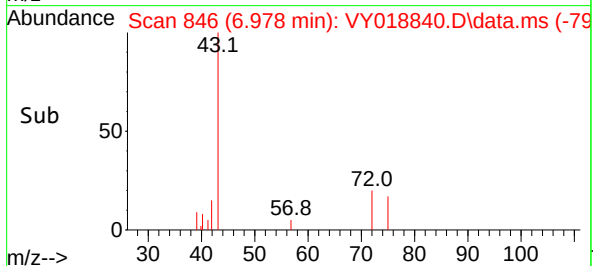
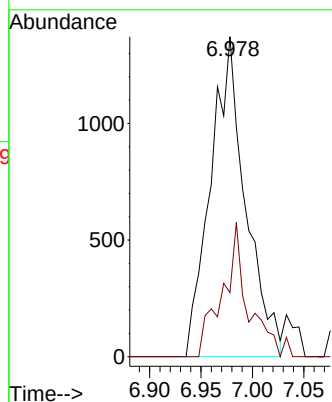
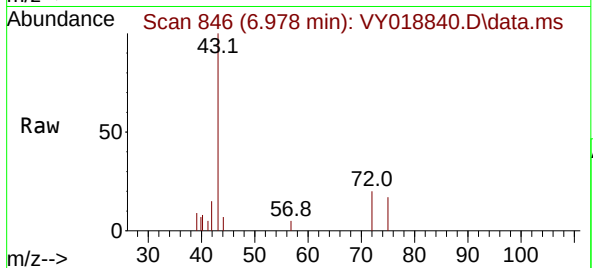
ClientSampleId :

Tgt Ion: 43 Resp: 3249

Ion Ratio Lower Upper

43 100

72 20.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.349 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.006 min

Lab File: VY018840.D

Acq: 16 Jul 2024 19:05

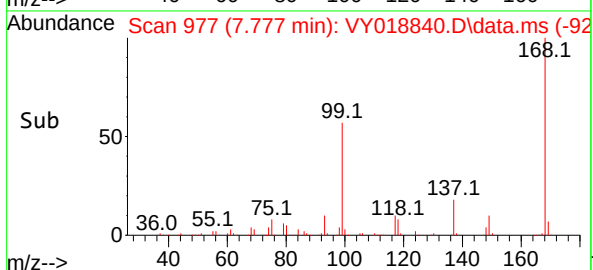
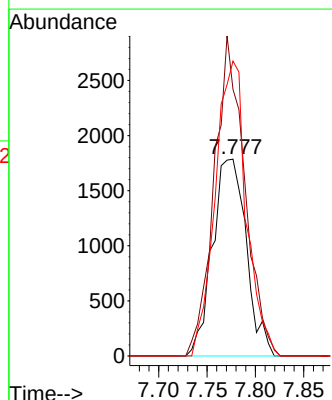
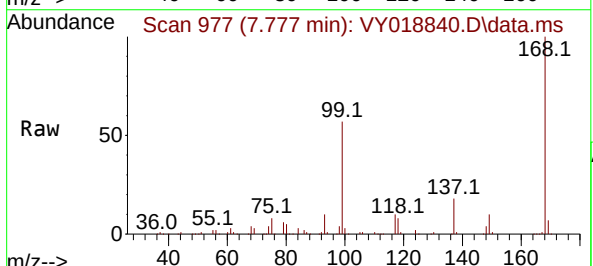
Tgt Ion: 56 Resp: 4339

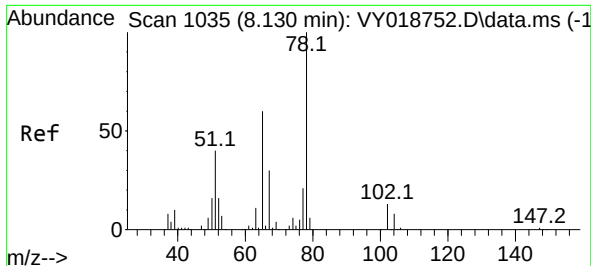
Ion Ratio Lower Upper

56 100

69 135.4 28.7 43.1#

84 149.8 77.7 116.5#

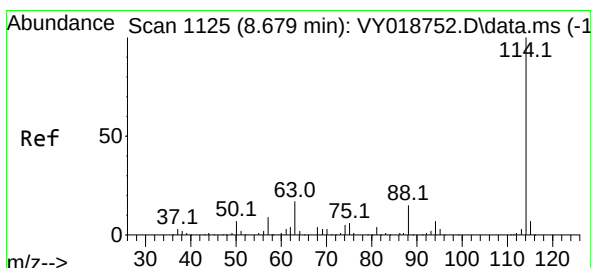
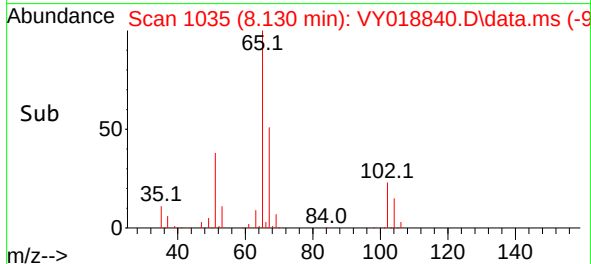
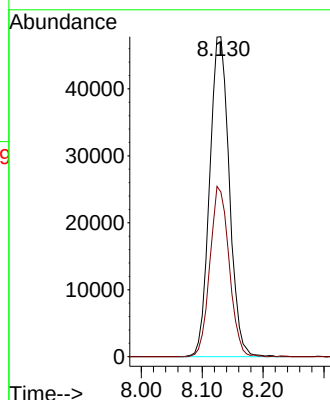
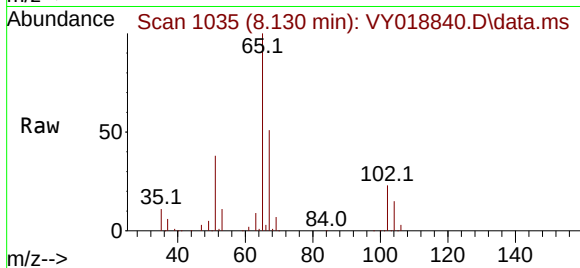




#33
 1,2-Dichloroethane-d4
 Concen: 51.088 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018840.D
 Acq: 16 Jul 2024 19:05

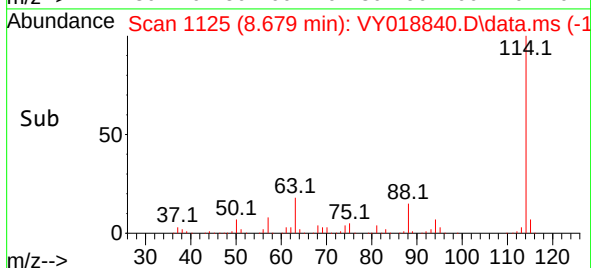
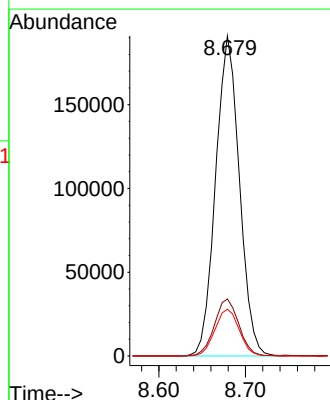
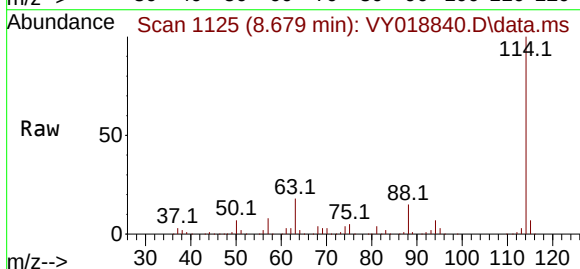
Instrument :
 MSVOA_Y
 ClientSampleId :

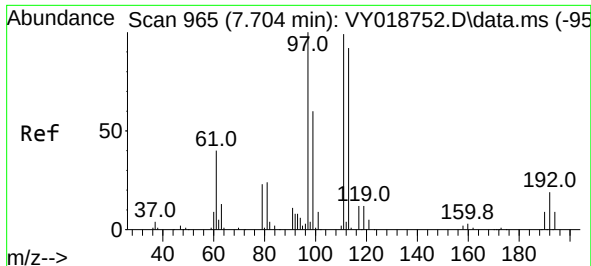
Tgt Ion: 65 Resp: 106953
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018840.D
 Acq: 16 Jul 2024 19:05

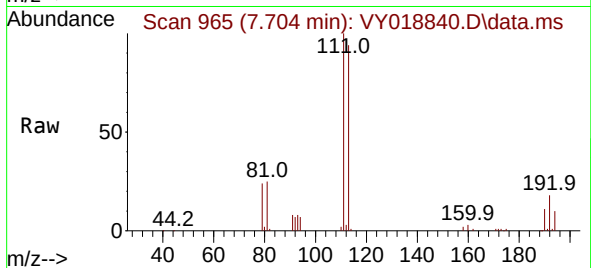
Tgt Ion: 114 Resp: 364528
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.0
 88 14.6 0.0 27.2



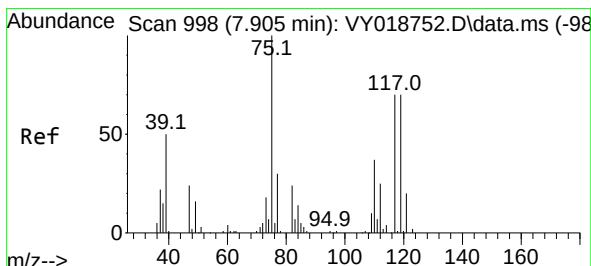
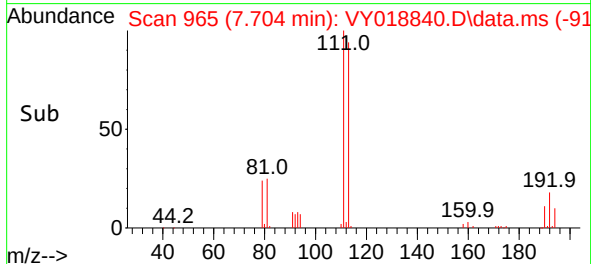
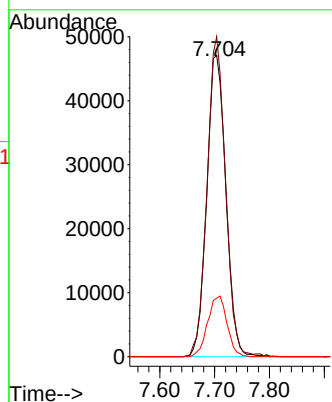


#35
Dibromofluoromethane
Concen: 49.874 ug/l
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Instrument :
MSVOA_Y
ClientSampleId :

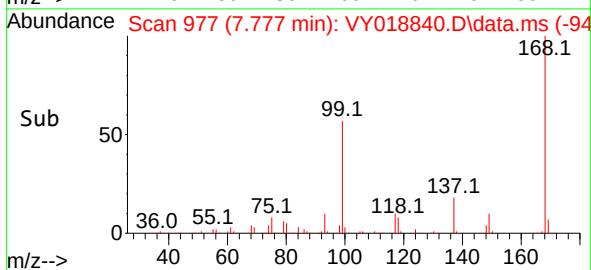
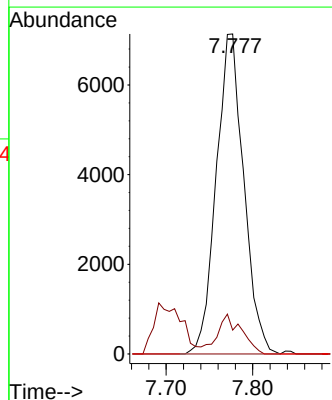
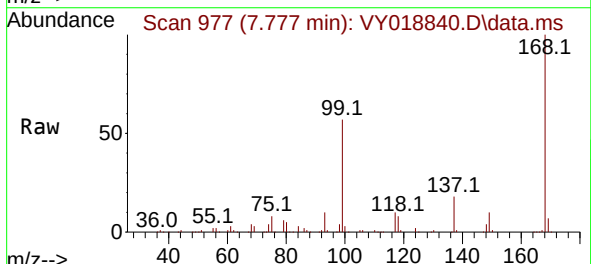


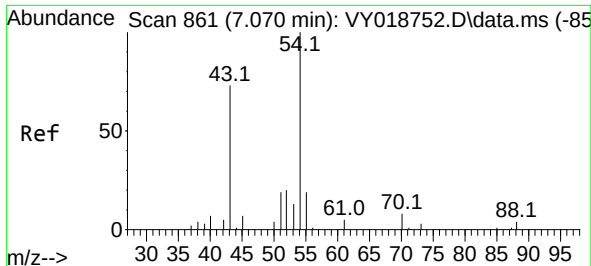
Tgt Ion:113 Resp: 113869
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.999 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

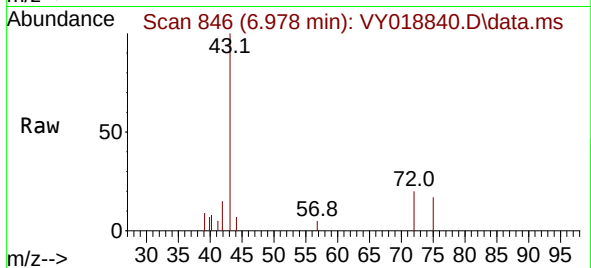
Tgt Ion: 75 Resp: 15752
Ion Ratio Lower Upper
75 100
110 10.9 19.0 57.0#
77 0.0 25.3 37.9#



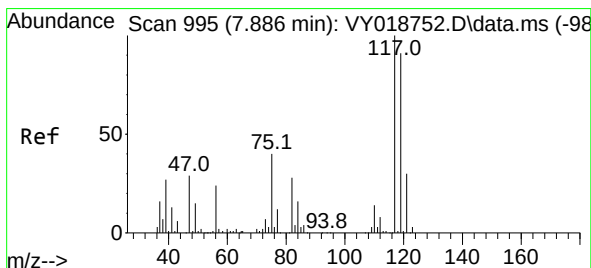
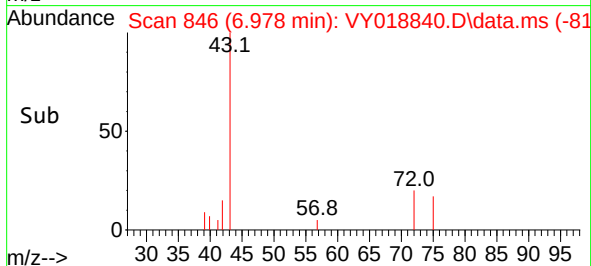
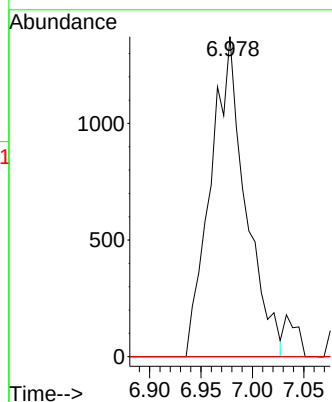


#37
Ethyl Acetate
Concen: 2.481 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.091 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Instrument :
MSVOA_Y
ClientSampleId :

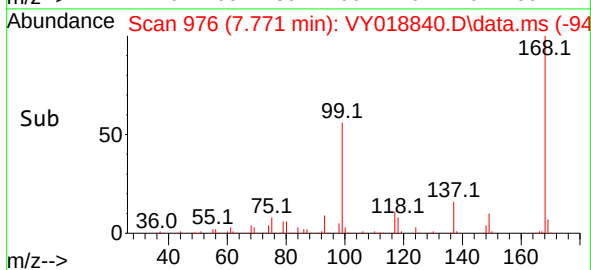
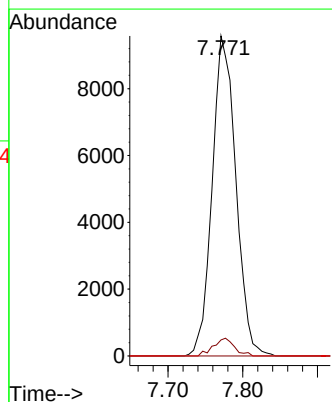
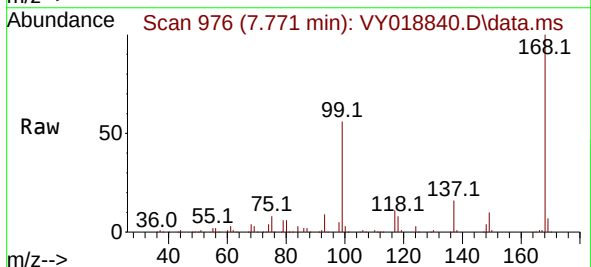


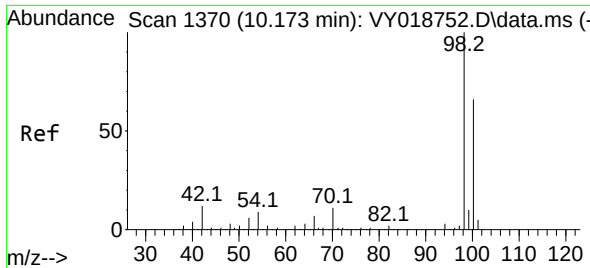
Tgt Ion: 43 Resp: 3249
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.565 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.116 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Tgt Ion: 117 Resp: 21118
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#

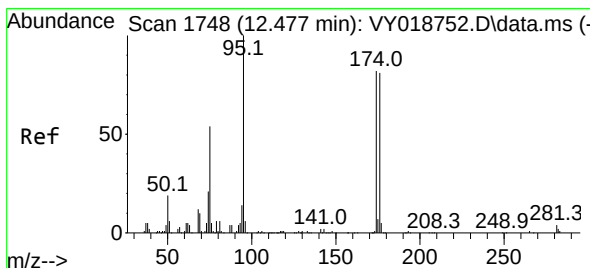
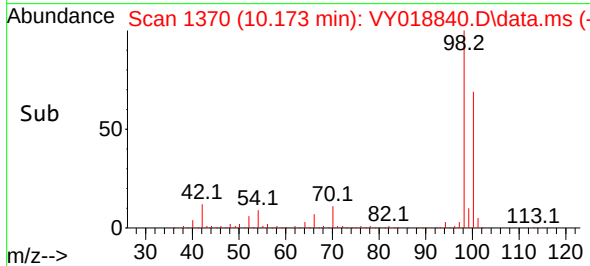
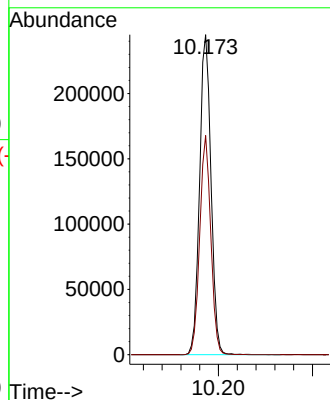
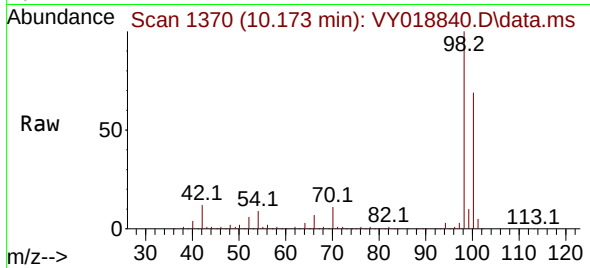




#50
Toluene-d8
Concen: 47.801 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

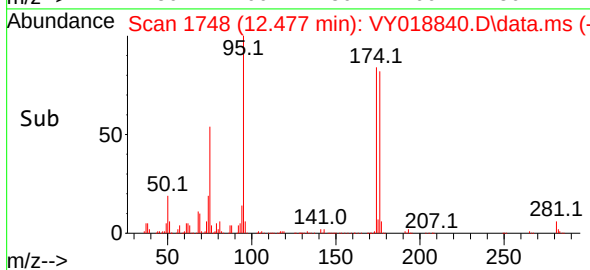
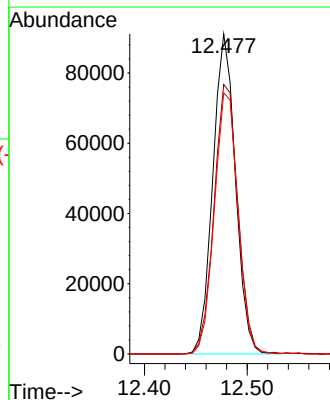
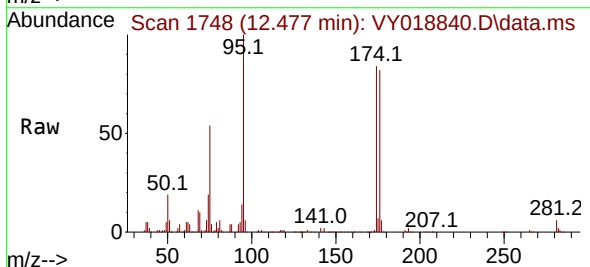
Instrument :
MSVOA_Y
ClientSampleId :

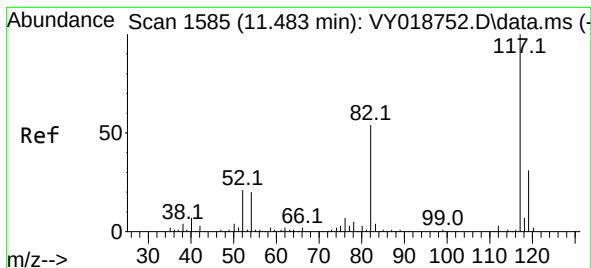
Tgt Ion: 98 Resp: 413465
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.093 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Tgt Ion: 95 Resp: 139110
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.6
176 85.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018840.D

Acq: 16 Jul 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

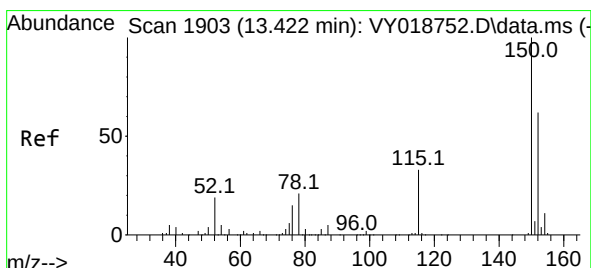
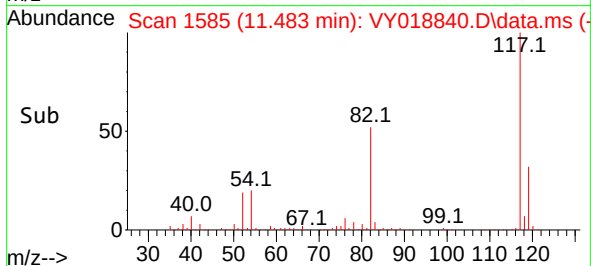
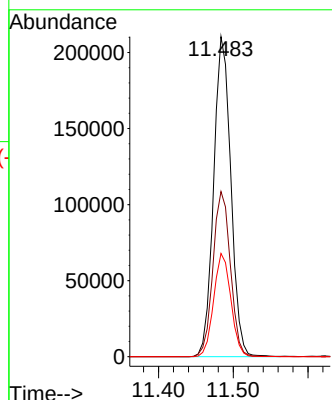
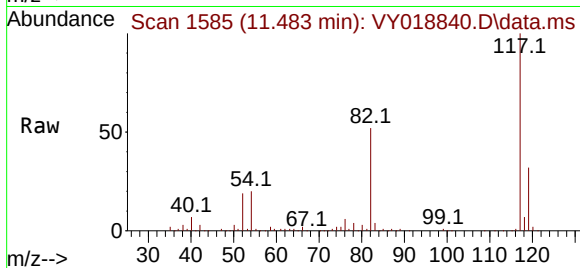
Tgt Ion:117 Resp: 336148

Ion Ratio Lower Upper

117 100

82 51.6 42.4 63.6

119 32.3 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: VY018840.D

Acq: 16 Jul 2024 19:05

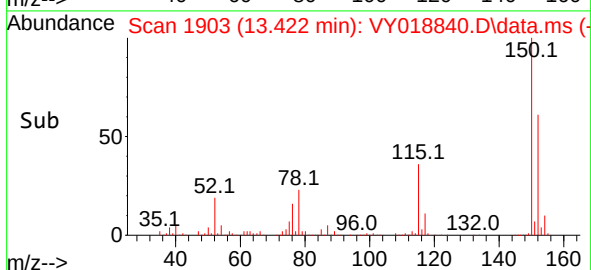
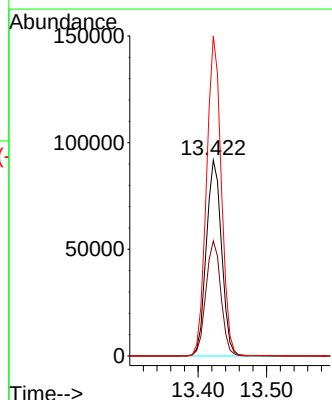
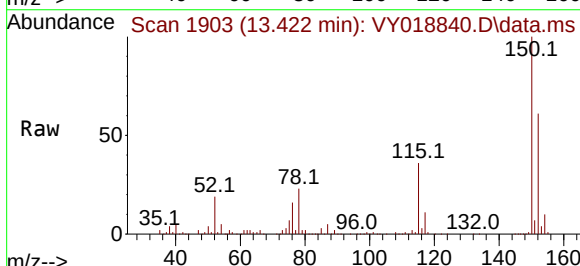
Tgt Ion:152 Resp: 142159

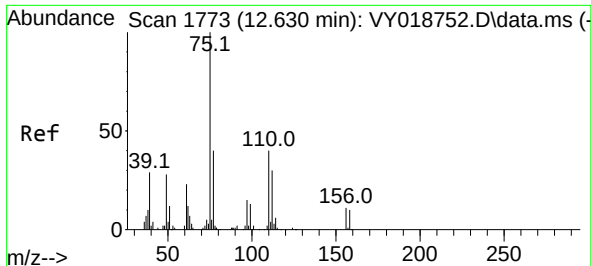
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 158.4 0.0 345.6

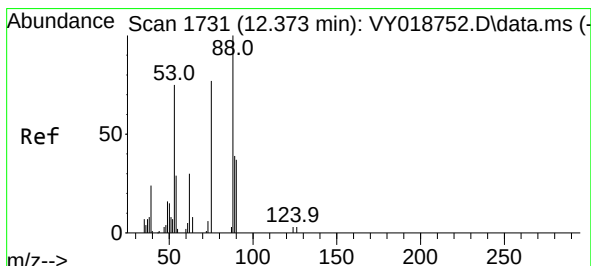
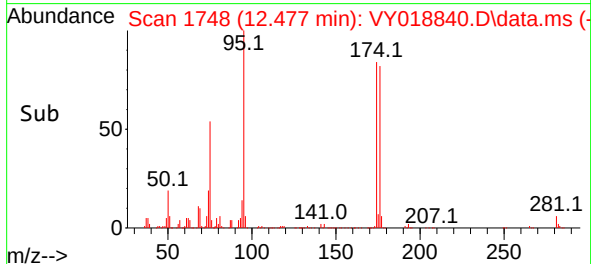
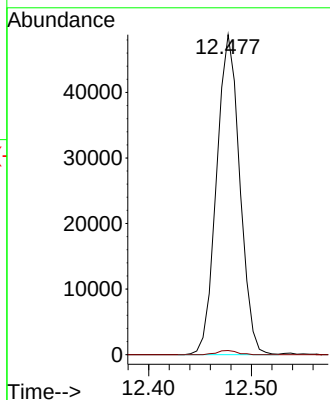
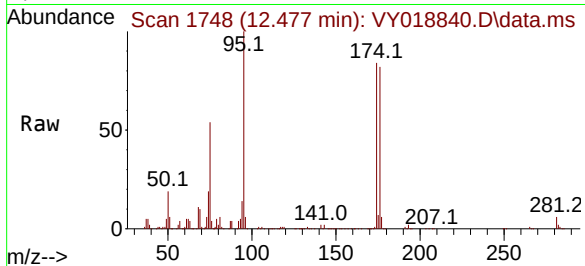




#76
1,2,3-Trichloropropane
Concen: 68.755 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

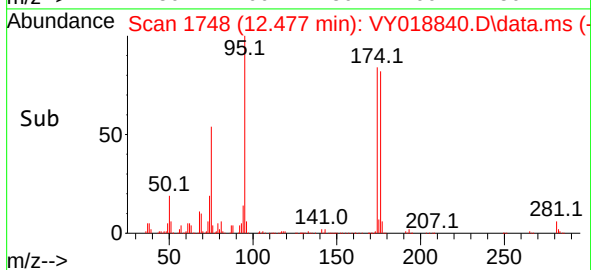
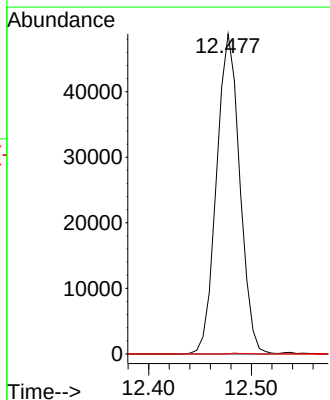
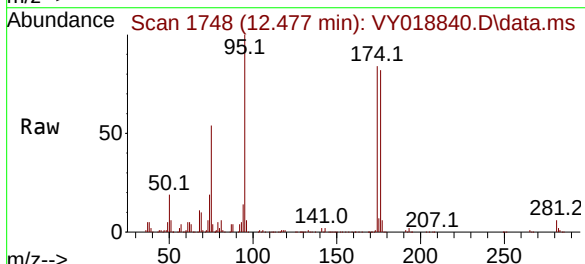
Instrument :
MSVOA_Y
ClientSampleId :

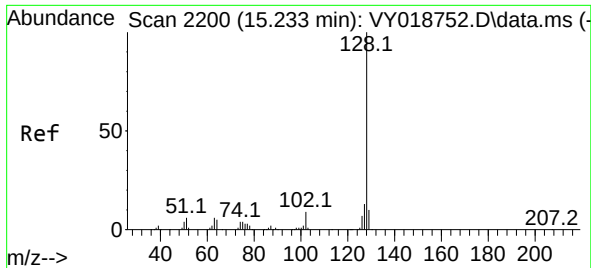
Tgt Ion: 75 Resp: 76553
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.878 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018840.D
Acq: 16 Jul 2024 19:05

Tgt Ion: 75 Resp: 76553
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#95

Naphthalene

Concen: 1.039 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

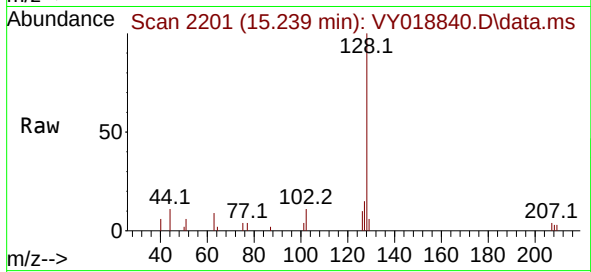
Lab File: VY018840.D

Acq: 16 Jul 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 4585

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 12.1 8.6 13.0

