

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018882.D
 Acq On : 19 Jul 2024 15:16
 Operator : SY/MD
 Sample : P3307-06
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 23:05:33 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)

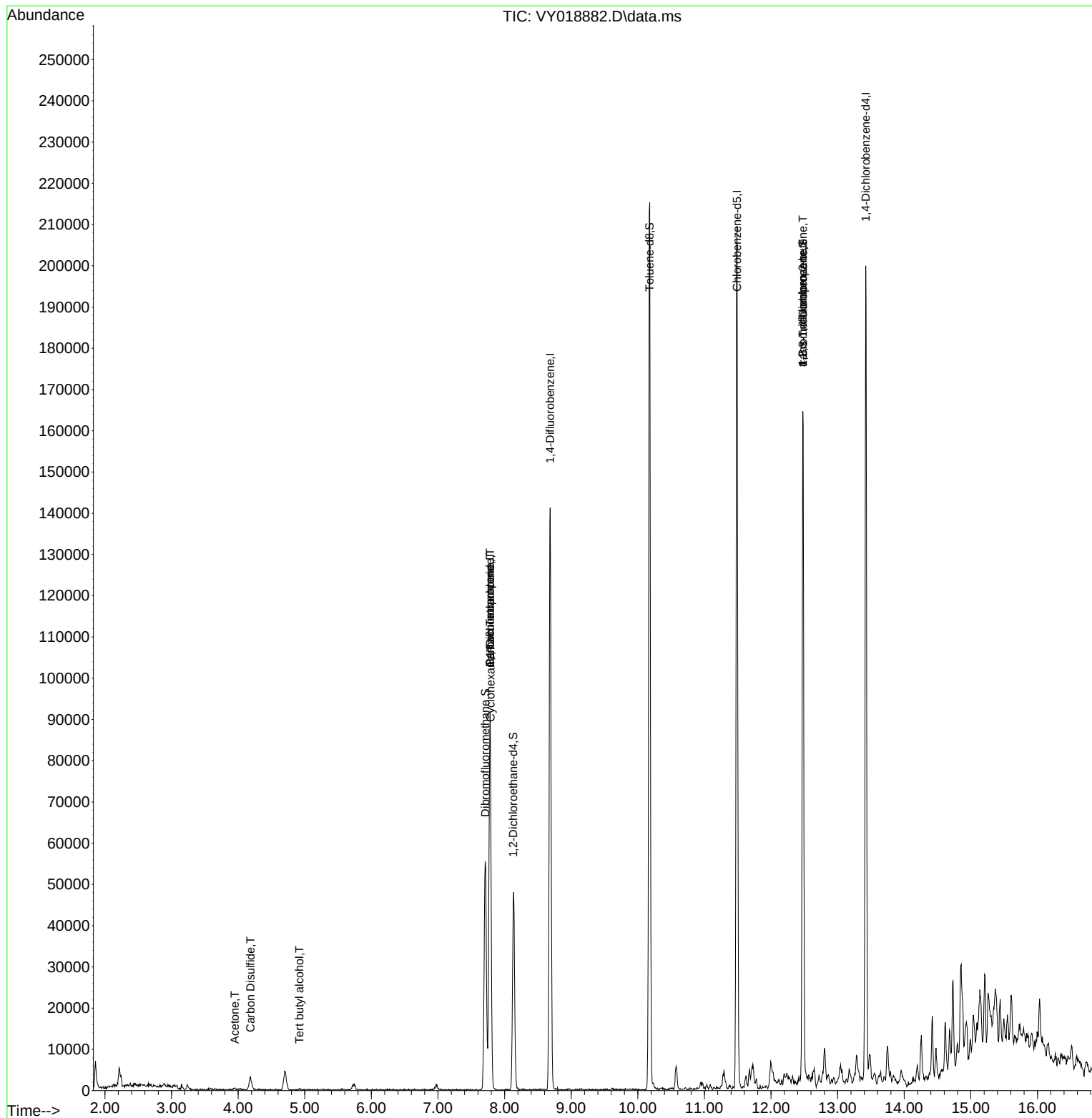
Internal Standards						
1) Pentafluorobenzene	7.783	168	71952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	124451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	115645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36790	51.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.920%
35) Dibromofluoromethane	7.710	113	38703	49.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.179	98	142106	48.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.477	95	48166	47.761	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	166	2.314	ug/l #	88
16) Acetone	3.948	43	815	6.244	ug/l #	67
17) Carbon Disulfide	4.186	76	5825	2.993	ug/l #	87
20) Methylene Chloride	4.704	84	3343	Below Cal		96
31) Cyclohexane	7.789	56	1417	1.303	ug/l #	44
36) 1,1-Dichloropropene	7.783	75	5426	5.044	ug/l #	49
38) Carbon Tetrachloride	7.783	117	7312	5.644	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	26512	66.478	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26512	148.782	ug/l #	16

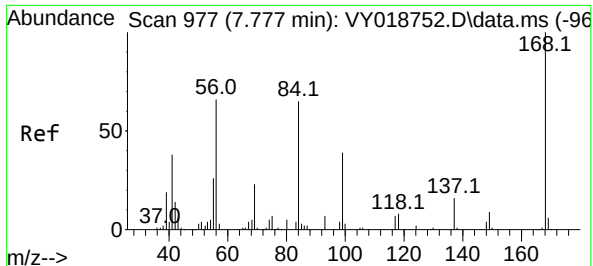
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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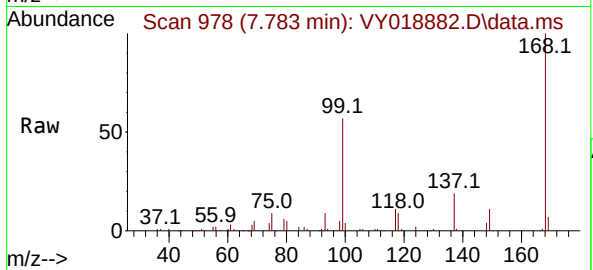
Quant Time: Jul 19 23:05:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
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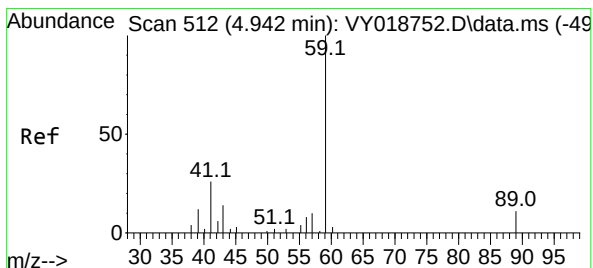
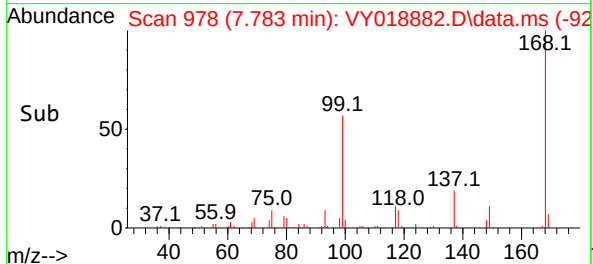
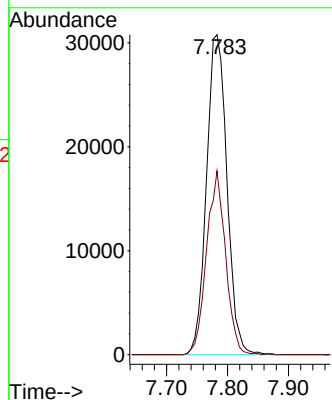


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Instrument :
MSVOA_Y
ClientSampleId :

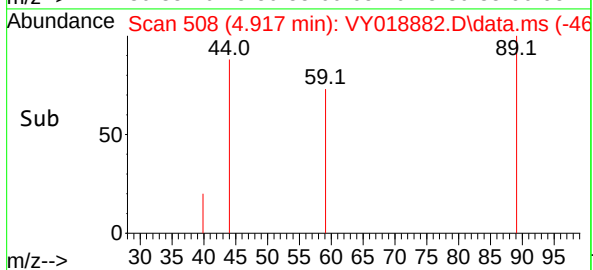
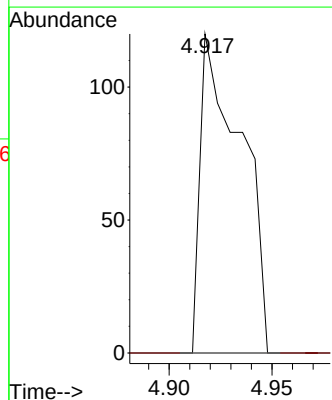
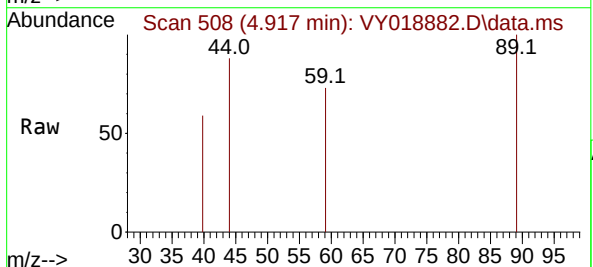


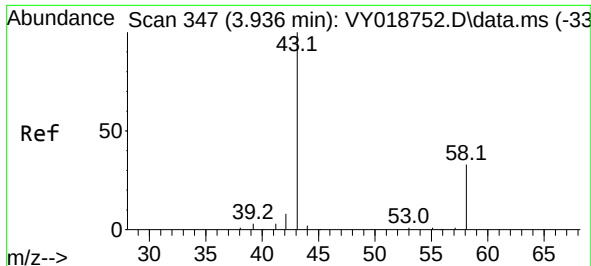
Tgt Ion:168 Resp: 71952
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.314 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.025 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 6.244 ug/l

RT: 3.948 min Scan# 347

Delta R.T. 0.012 min

Lab File: VY018882.D

Acq: 19 Jul 2024 15:16

Instrument :

MSVOA_Y

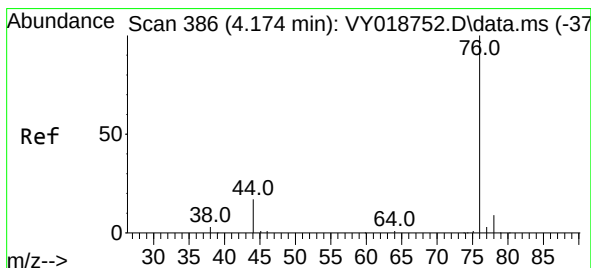
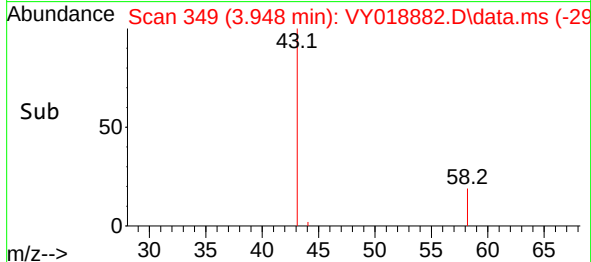
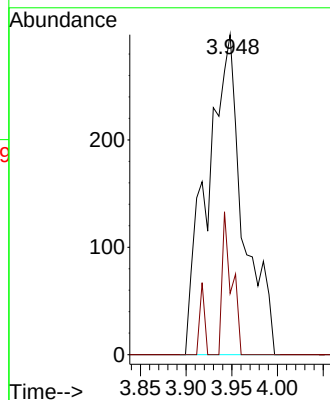
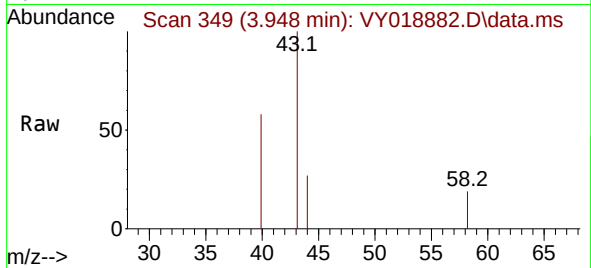
ClientSampleId :

Tgt Ion: 43 Resp: 815

Ion Ratio Lower Upper

43 100

58 19.1 31.7 47.5#



#17

Carbon Disulfide

Concen: 2.993 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.012 min

Lab File: VY018882.D

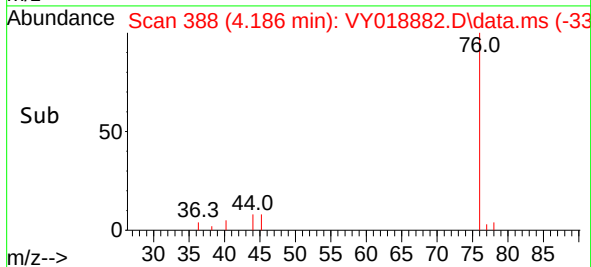
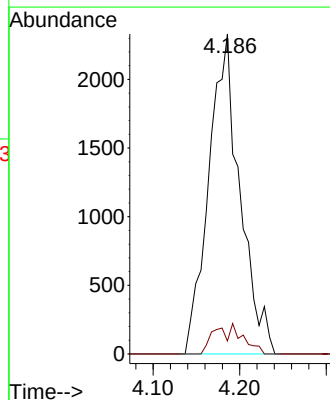
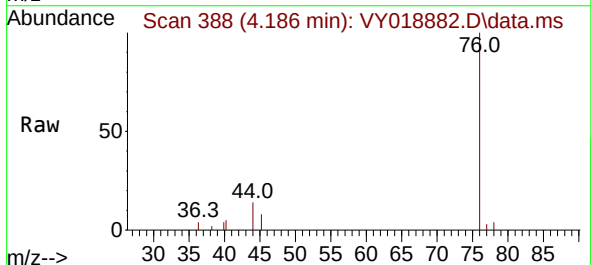
Acq: 19 Jul 2024 15:16

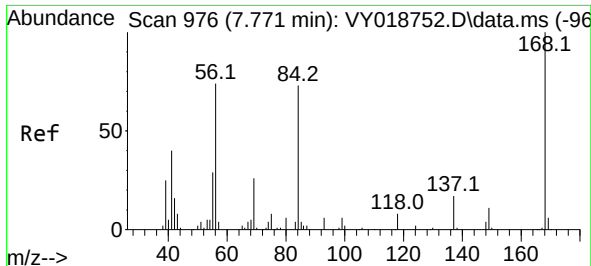
Tgt Ion: 76 Resp: 5825

Ion Ratio Lower Upper

76 100

78 4.0 6.8 10.2#

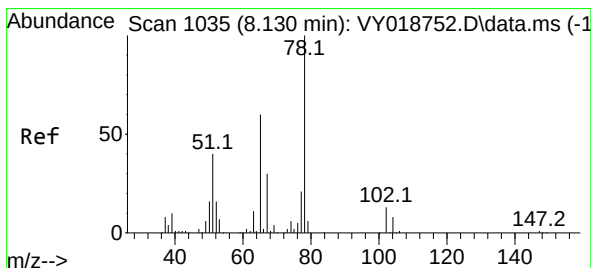
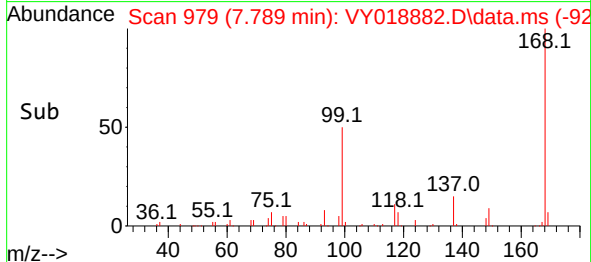
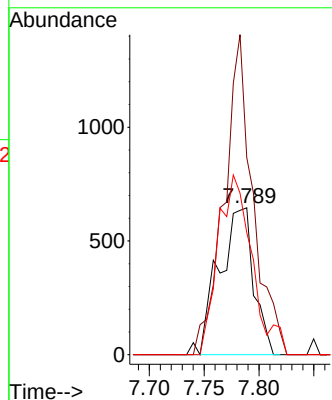
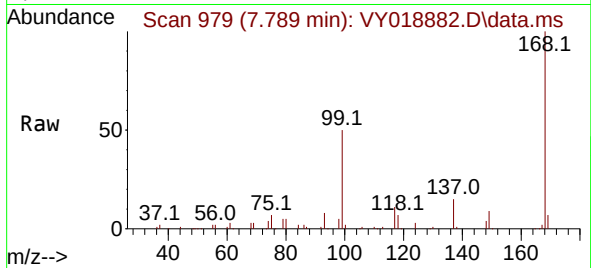




#31
Cyclohexane
Concen: 1.303 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

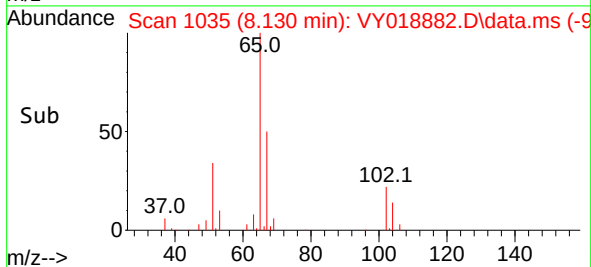
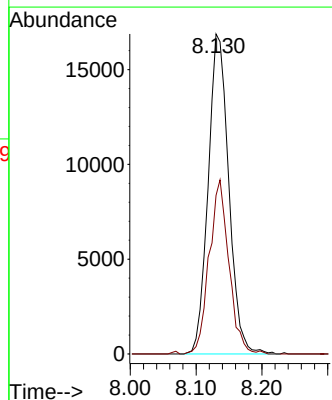
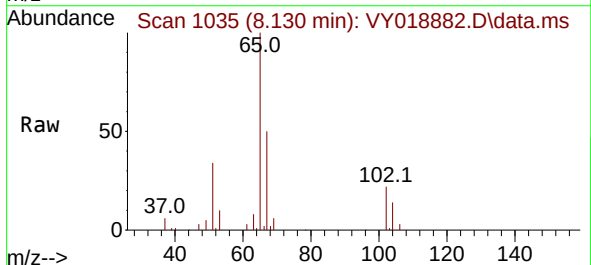
Instrument :
MSVOA_Y
ClientSampleId :

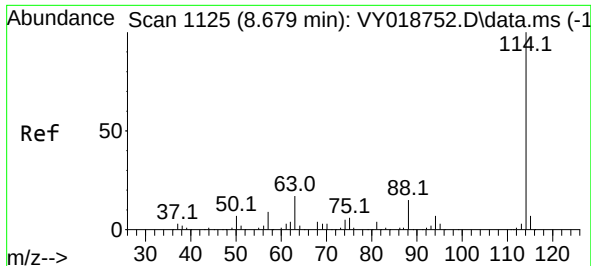
Tgt Ion: 56 Resp: 1417
Ion Ratio Lower Upper
56 100
69 134.2 28.7 43.1#
84 83.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.962 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Tgt Ion: 65 Resp: 36790
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018882.D

Acq: 19 Jul 2024 15:16

Instrument :

MSVOA_Y

ClientSampleId :

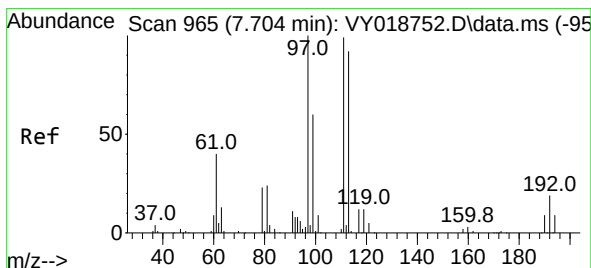
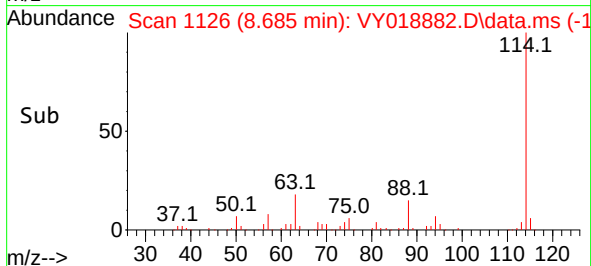
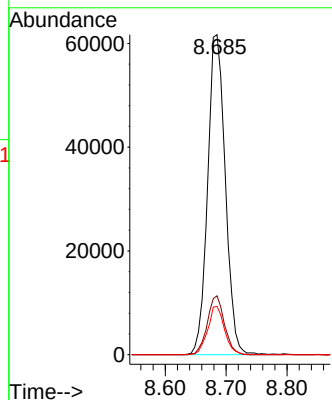
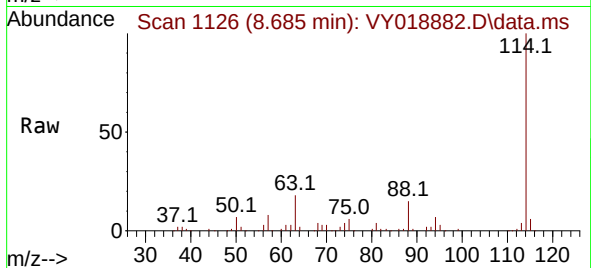
Tgt Ion:114 Resp: 124451

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.653 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018882.D

Acq: 19 Jul 2024 15:16

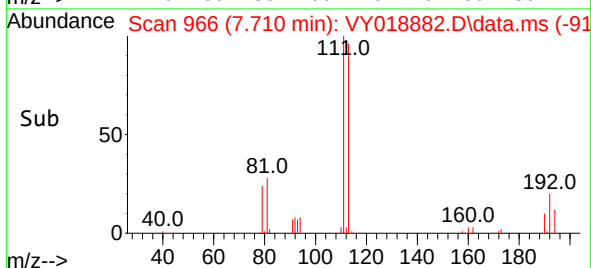
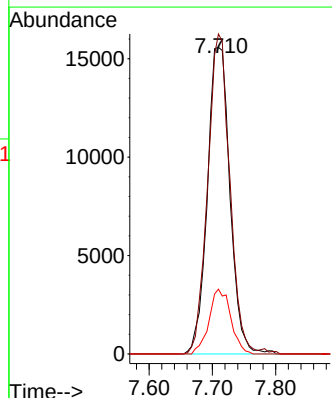
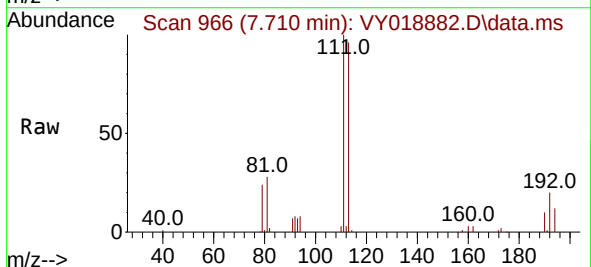
Tgt Ion:113 Resp: 38703

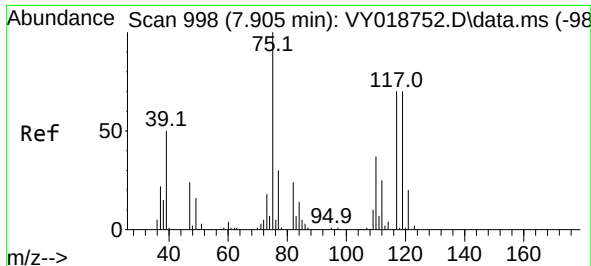
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.3 15.9 23.9

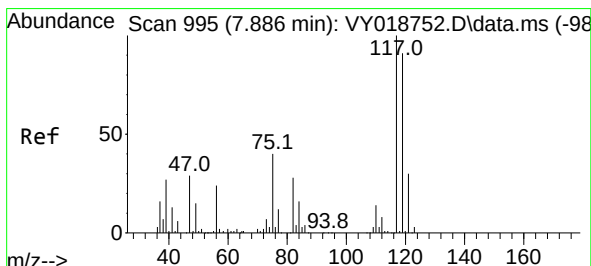
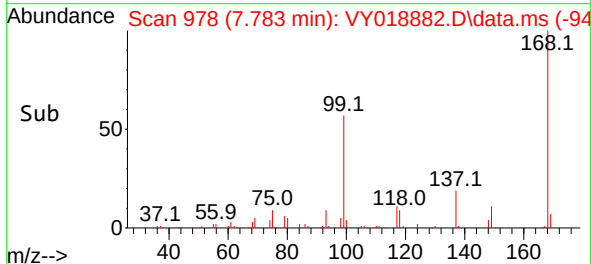
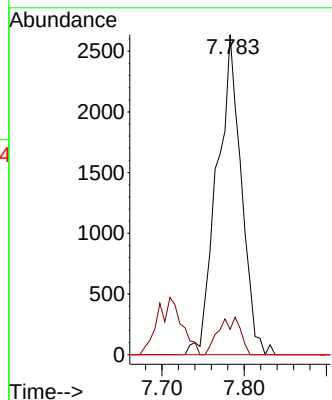
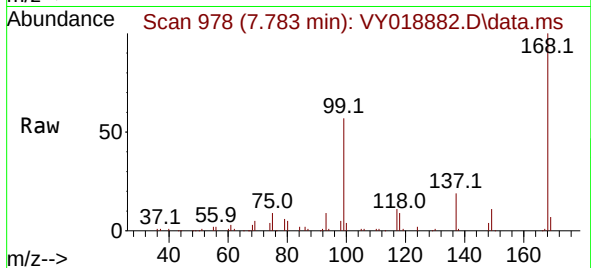




#36
1,1-Dichloropropene
Concen: 5.044 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

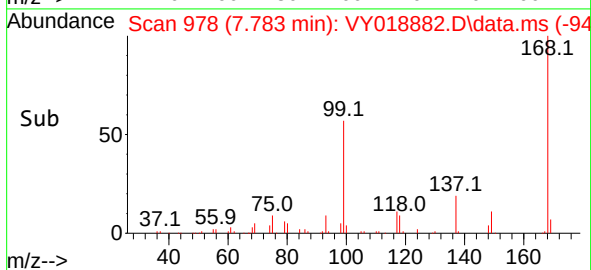
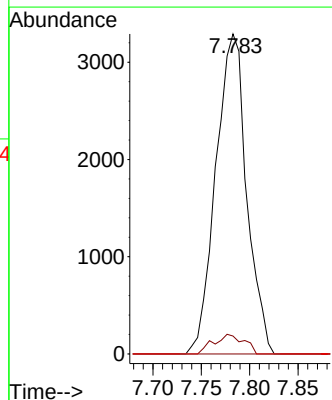
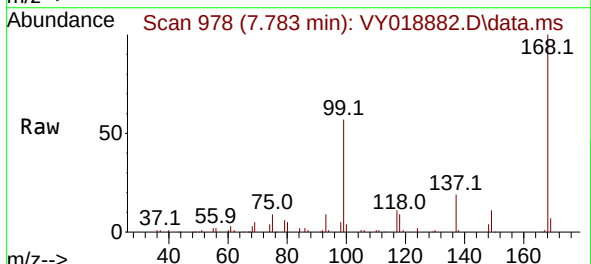
Instrument :
MSVOA_Y
ClientSampleId :

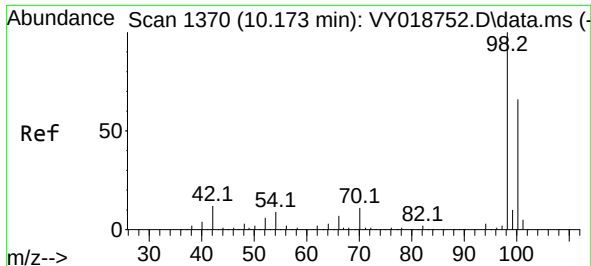
Tgt Ion: 75 Resp: 5426
Ion Ratio Lower Upper
75 100
110 10.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.644 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Tgt Ion: 117 Resp: 7312
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#

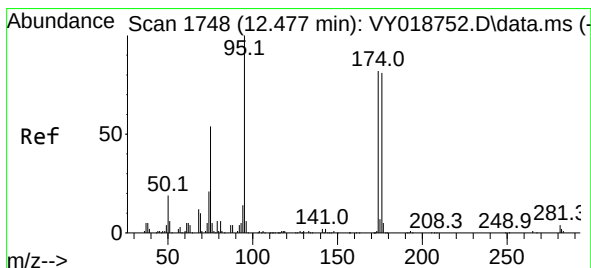
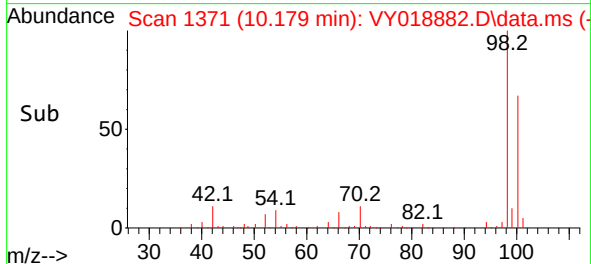
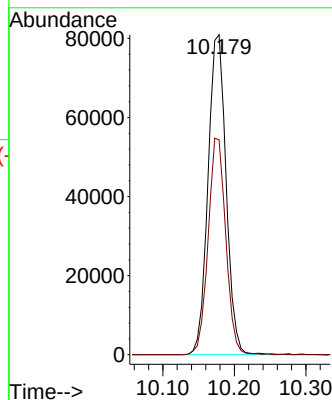
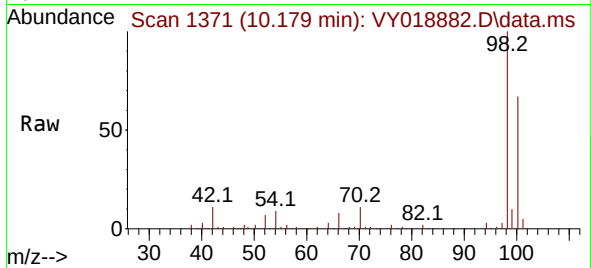




#50
Toluene-d8
Concen: 48.121 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

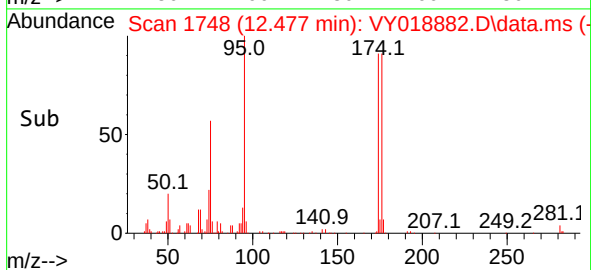
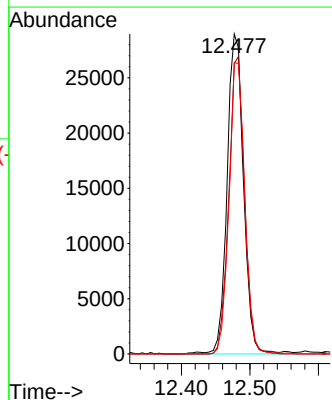
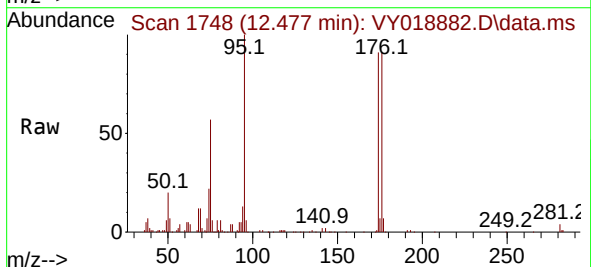
Instrument :
MSVOA_Y
ClientSampleId :

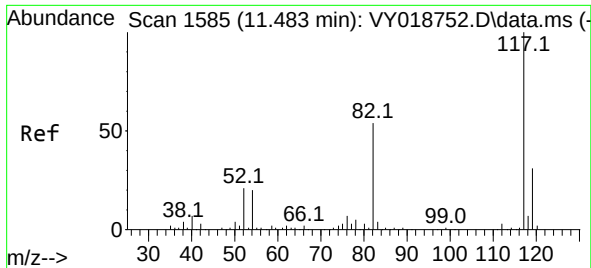
Tgt Ion: 98 Resp: 142106
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.761 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Tgt Ion: 95 Resp: 48166
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 87.7 0.0 171.4

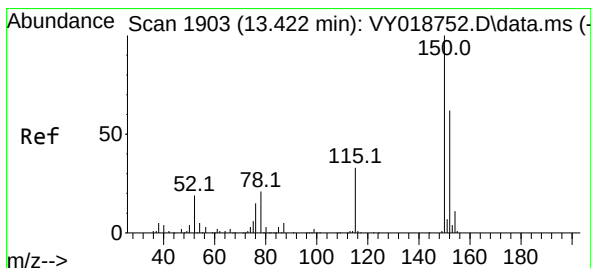
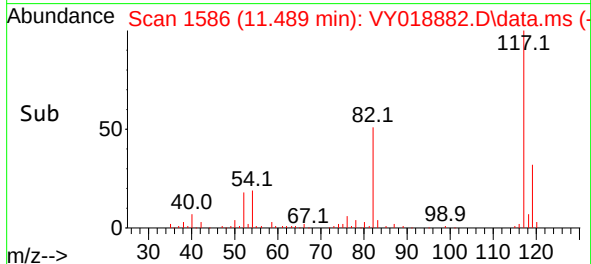
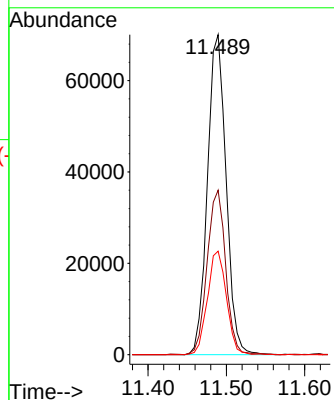
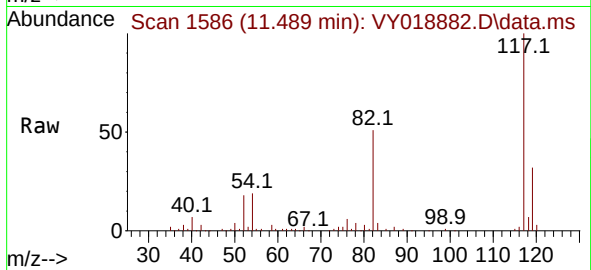




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

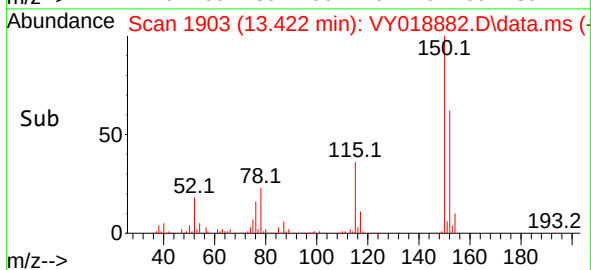
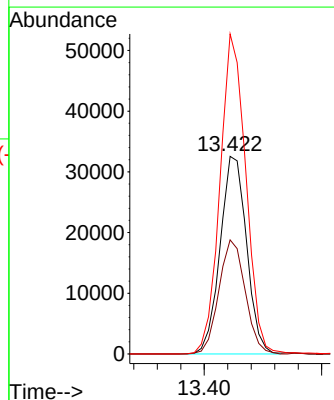
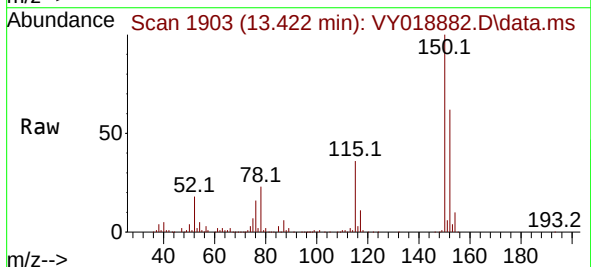
Instrument :
MSVOA_Y
ClientSampleId :

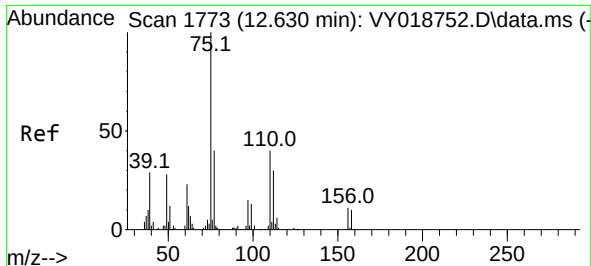
Tgt Ion:117 Resp: 115645
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 32.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Tgt Ion:152 Resp: 50919
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 158.3 0.0 345.6

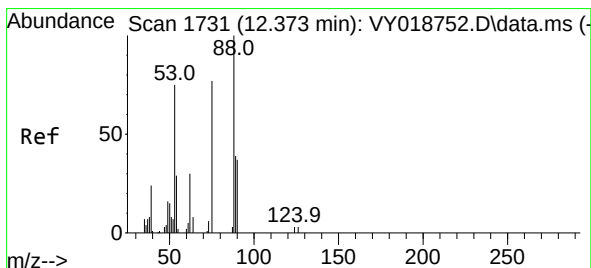
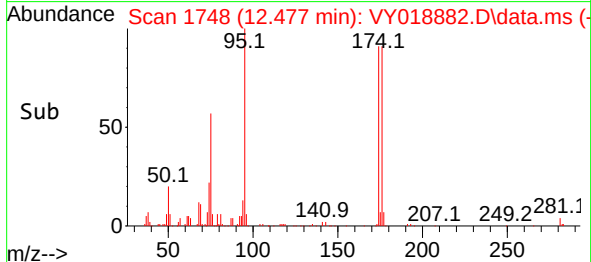
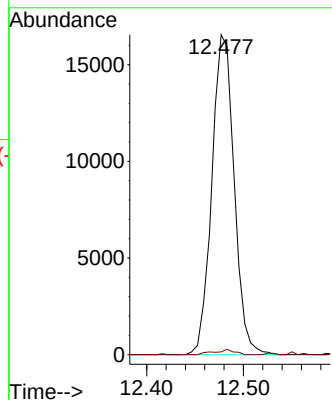
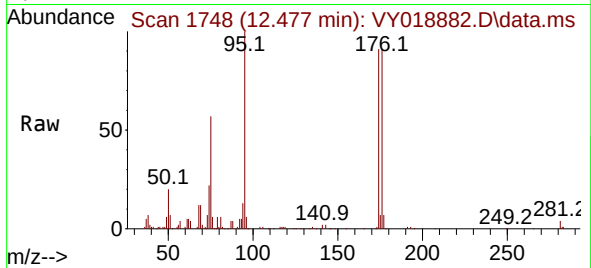




#76
1,2,3-Trichloropropane
Concen: 66.478 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 26512
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.782 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018882.D
Acq: 19 Jul 2024 15:16

Tgt Ion: 75 Resp: 26512
Ion Ratio Lower Upper
75 100
53 0.4 66.8 100.2#
89 0.1 35.8 53.6#

