

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018795.D
 Acq On : 12 Jul 2024 14:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:38:56 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)

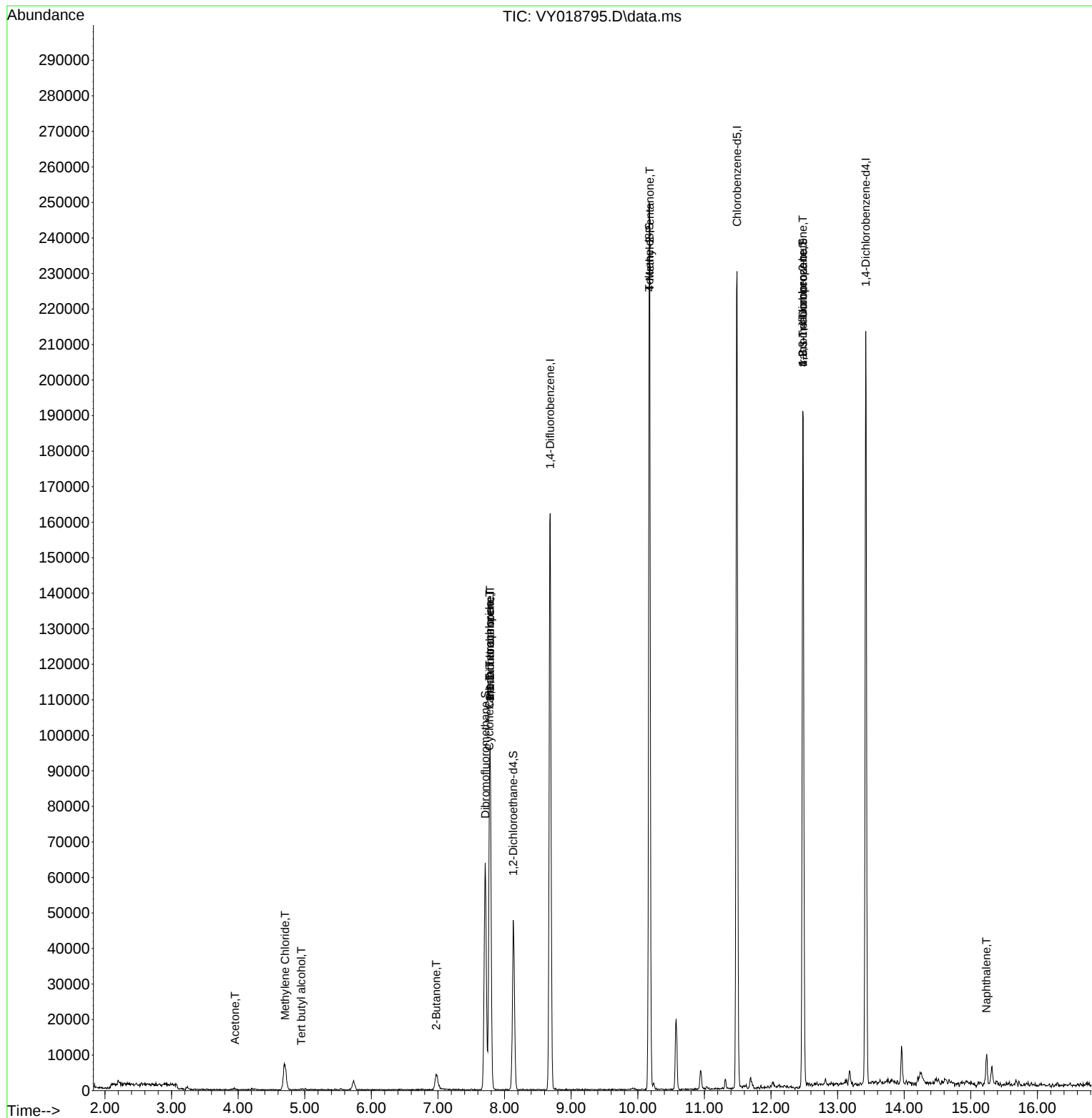
Internal Standards						
1) Pentafluorobenzene	7.783	168	78762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	129434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	35548	45.866	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.740%		
35) Dibromofluoromethane	7.710	113	42207	47.357	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.720%		
50) Toluene-d8	10.173	98	162012	47.980	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.960%		
62) 4-Bromofluorobenzene	12.477	95	52514	45.540	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.080%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	327	4.165	ug/l #	87
16) Acetone	3.954	43	658	4.605	ug/l #	36
20) Methylene Chloride	4.704	84	5564	2.123	ug/l	94
25) 2-Butanone	6.972	43	233	1.163	ug/l #	41
31) Cyclohexane	7.771	56	1756	1.475	ug/l #	58
36) 1,1-Dichloropropene	7.783	75	5794	4.711	ug/l #	48
38) Carbon Tetrachloride	7.777	117	7745	5.228	ug/l #	19
51) 4-Methyl-2-Pentanone	10.179	43	885	1.704	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	28691	69.841	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28691	156.308	ug/l #	16
95) Naphthalene	15.233	128	6636	4.076	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018795.D
Acq On : 12 Jul 2024 14:14
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 12 23:38:56 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

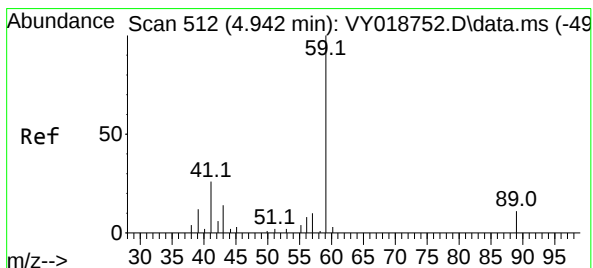
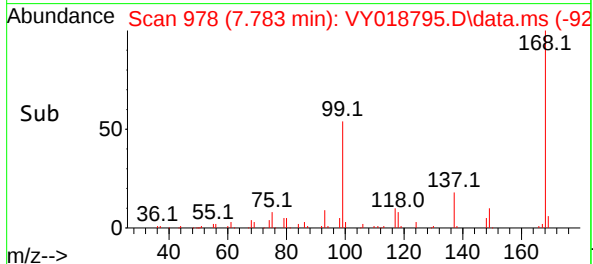
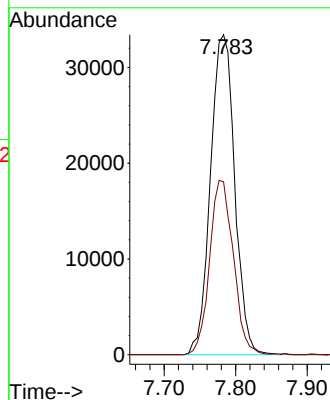
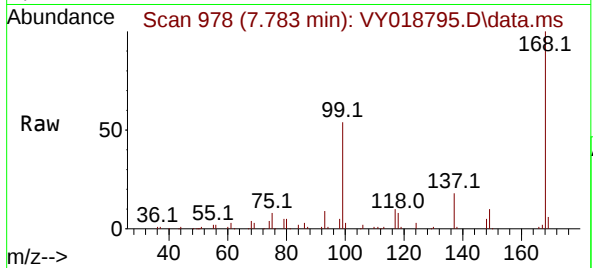




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

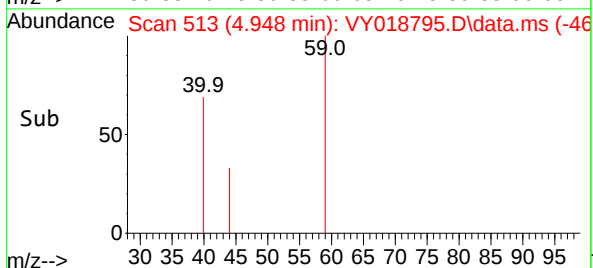
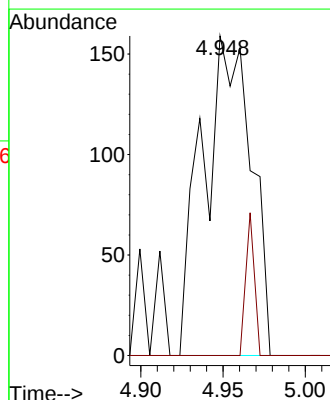
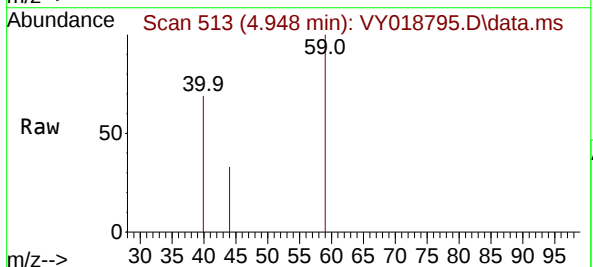
Instrument :
MSVOA_Y
ClientSampleId :

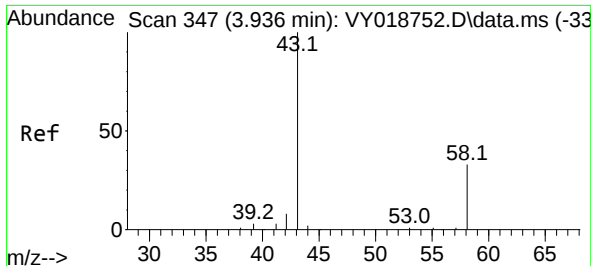
Tgt Ion:168 Resp: 78762
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.165 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

Tgt Ion: 59 Resp: 327
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.6#





#16

Acetone

Concen: 4.605 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY018795.D

Acq: 12 Jul 2024 14:14

Instrument :

MSVOA_Y

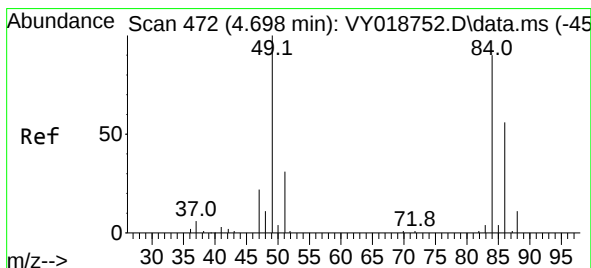
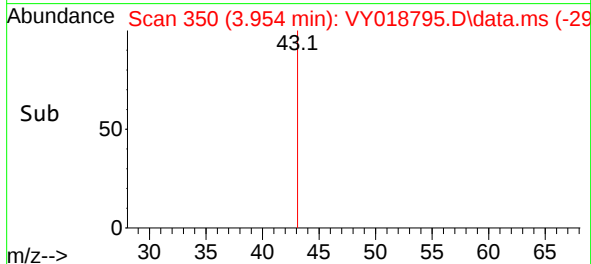
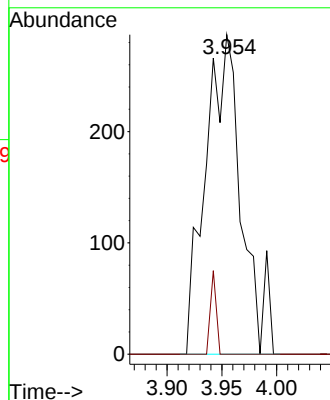
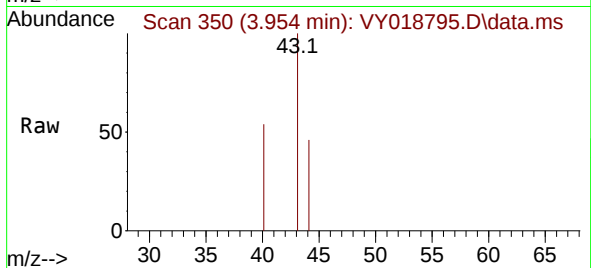
ClientSampleId :

Tgt Ion: 43 Resp: 658

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 2.123 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY018795.D

Acq: 12 Jul 2024 14:14

Tgt Ion: 84 Resp: 5564

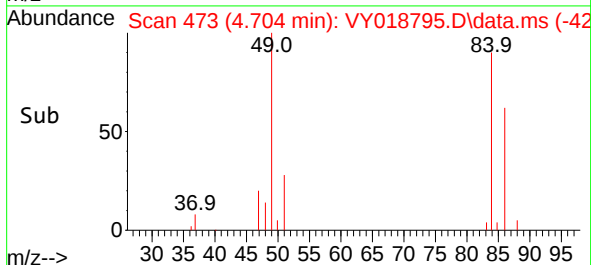
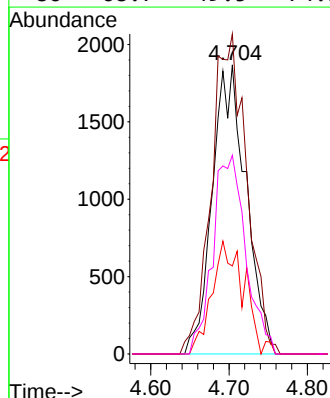
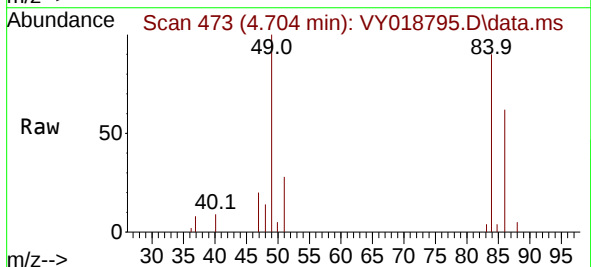
Ion Ratio Lower Upper

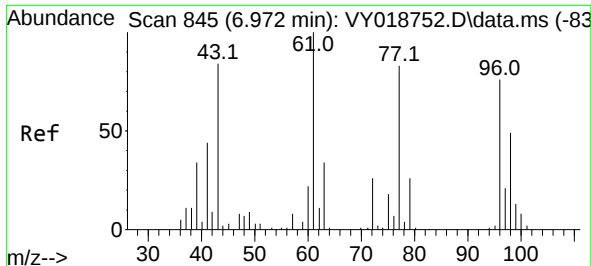
84 100

49 110.7 84.4 126.6

51 30.5 26.0 39.0

86 68.7 49.5 74.3

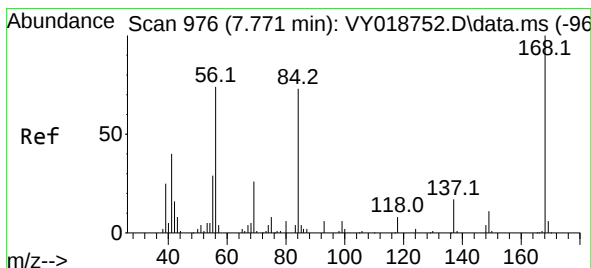
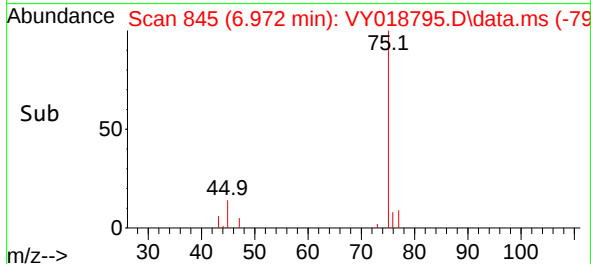
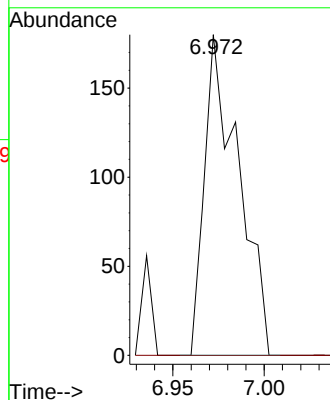
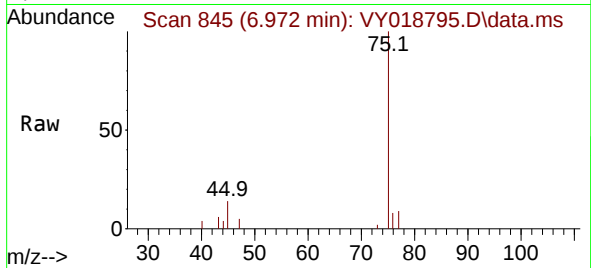




#25
2-Butanone
Concen: 1.163 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

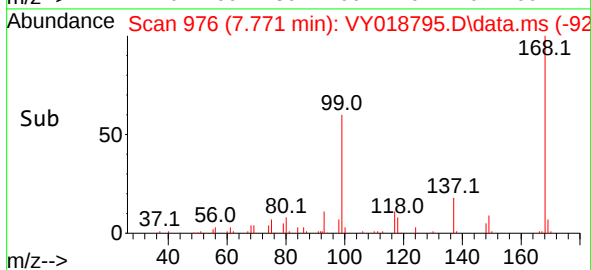
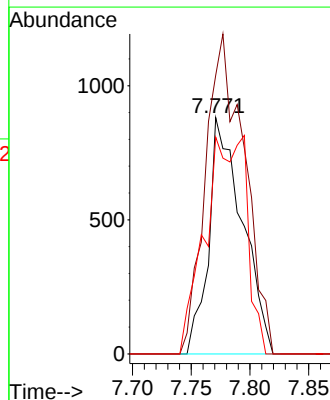
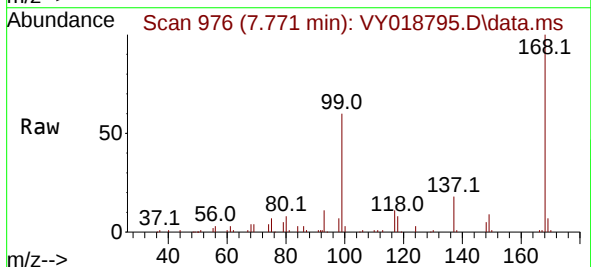
Instrument :
MSVOA_Y
ClientSampleId :

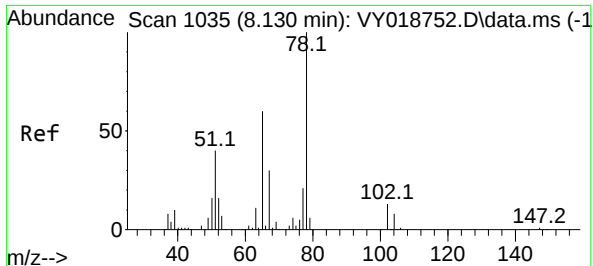
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.475 ug/l
RT: 7.771 min Scan# 976
Delta R.T. 0.000 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

Tgt Ion: 56 Resp: 1756
Ion Ratio Lower Upper
56 100
69 117.9 28.7 43.1#
84 91.7 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 45.866 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018795.D

Acq: 12 Jul 2024 14:14

Instrument :

MSVOA_Y

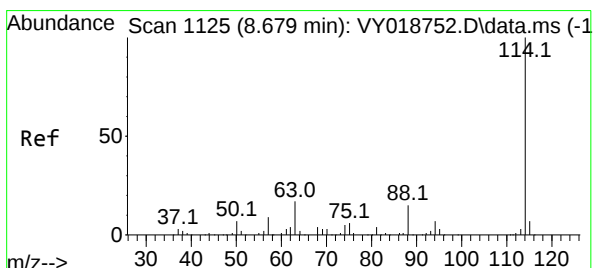
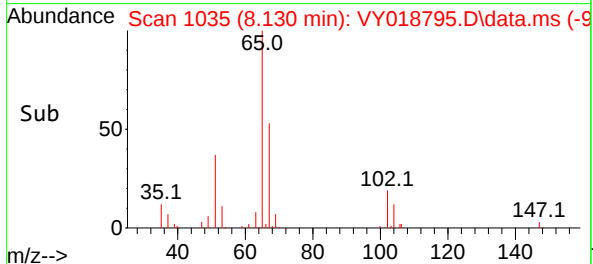
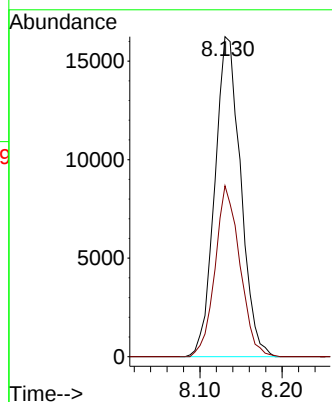
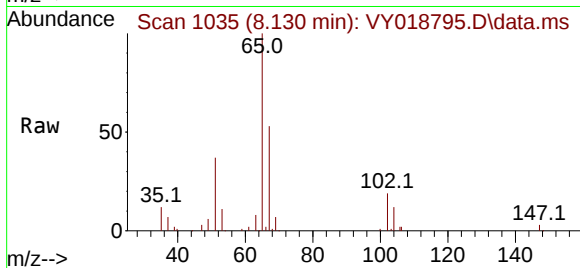
ClientSampleId :

Tgt Ion: 65 Resp: 35548

Ion Ratio Lower Upper

65 100

67 51.2 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: VY018795.D

Acq: 12 Jul 2024 14:14

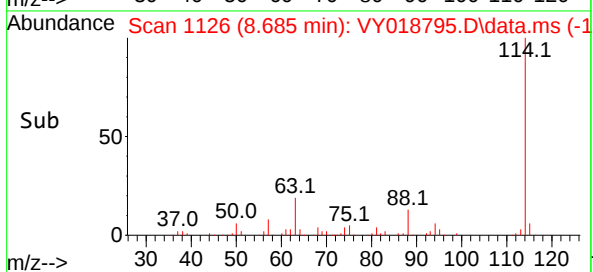
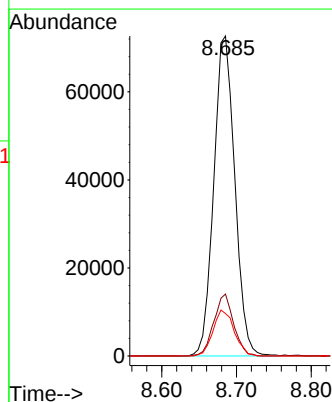
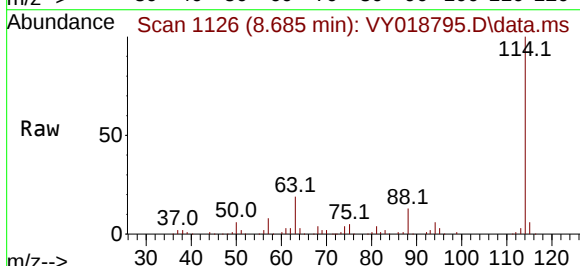
Tgt Ion: 114 Resp: 142301

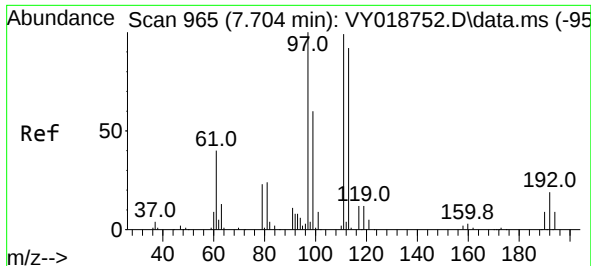
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 13.3 0.0 27.2

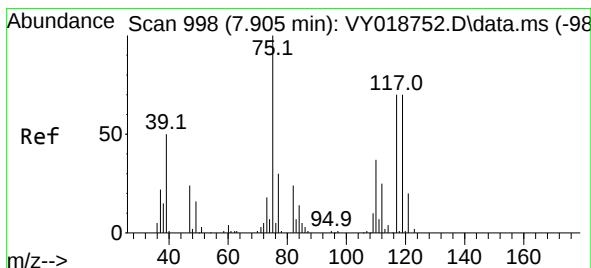
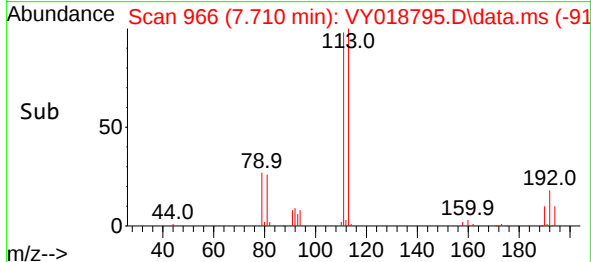
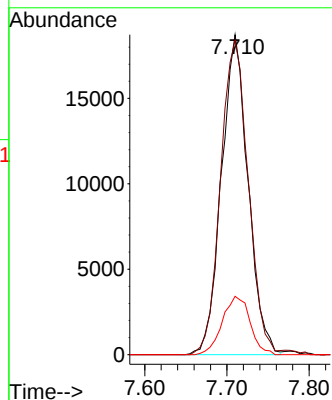
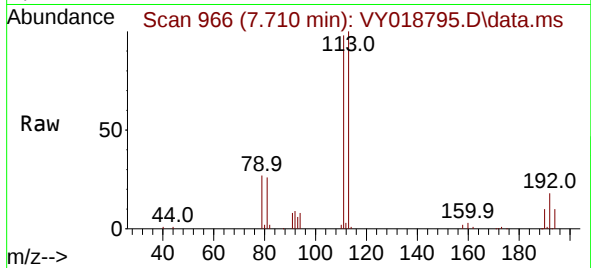




#35
Dibromofluoromethane
Concen: 47.357 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

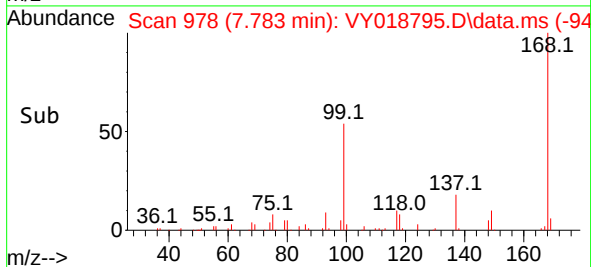
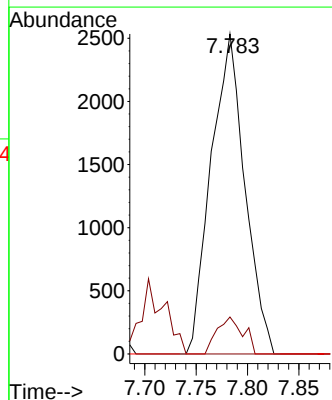
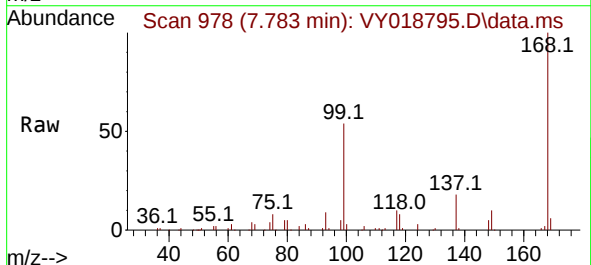
Instrument :
MSVOA_Y
ClientSampleId :

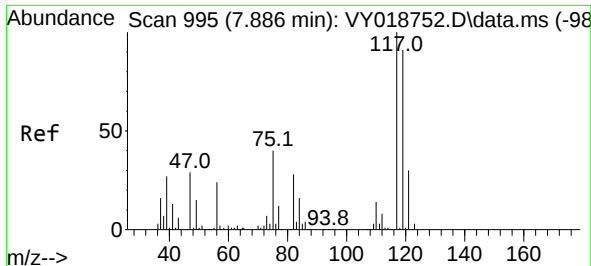
Tgt Ion:113 Resp: 42207
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

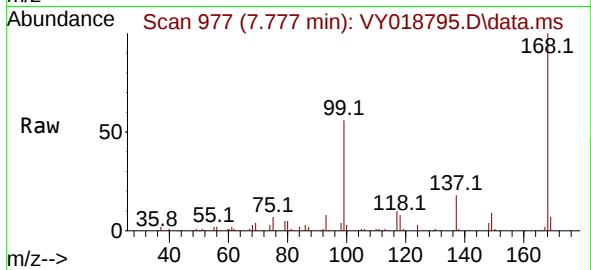
Tgt Ion: 75 Resp: 5794
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#



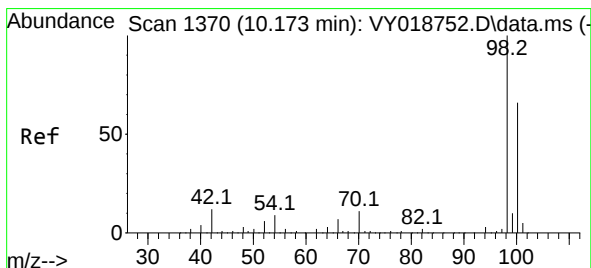
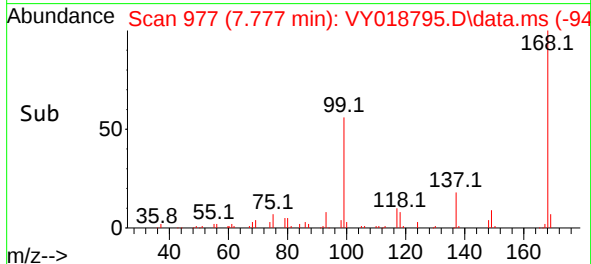
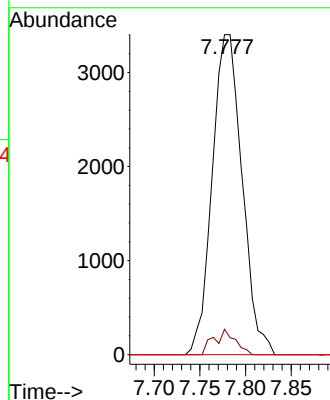


#38
Carbon Tetrachloride
Concen: 5.228 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :

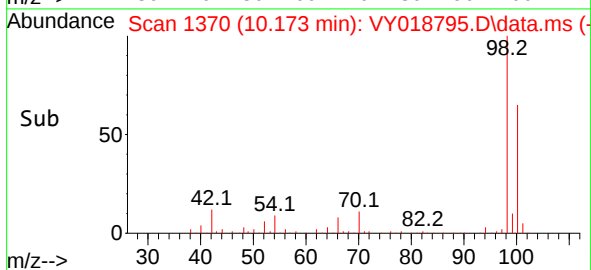
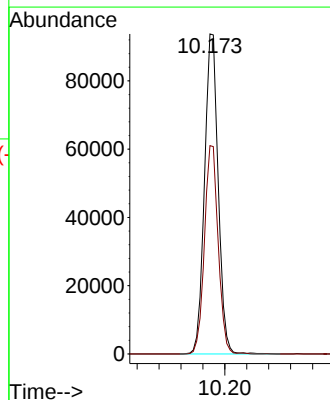
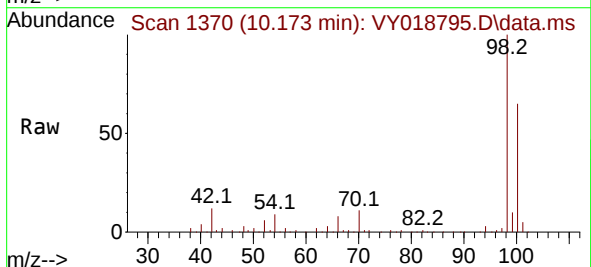


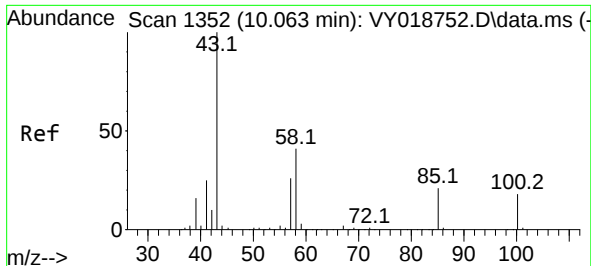
Tgt Ion:117 Resp: 7745
Ion Ratio Lower Upper
117 100
119 7.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.980 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

Tgt Ion: 98 Resp: 162012
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

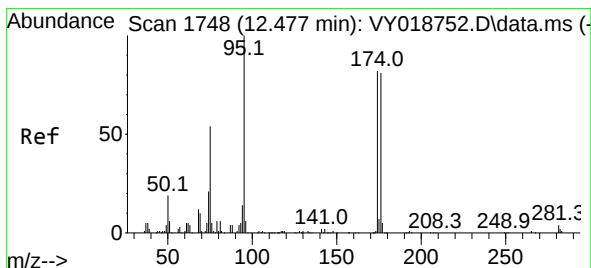
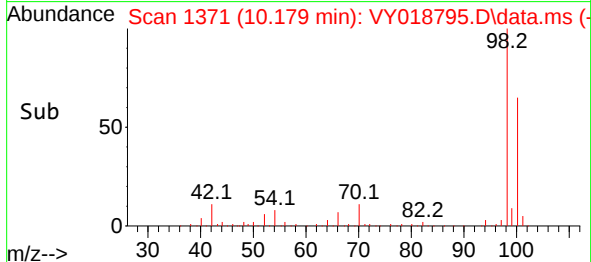
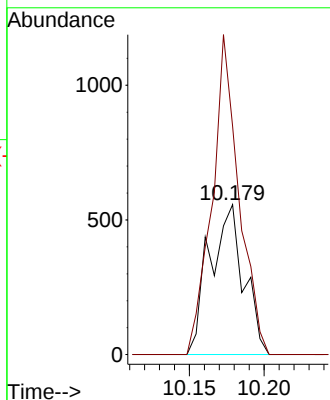
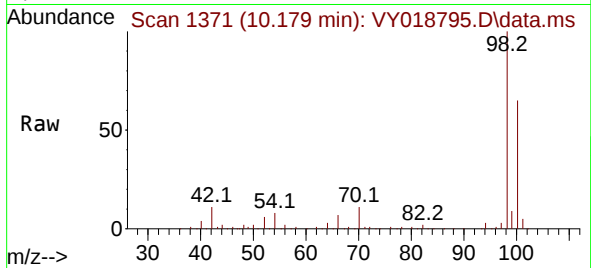




#51
4-Methyl-2-Pentanone
Concen: 1.704 ug/l
RT: 10.179 min Scan# 1352
Delta R.T. 0.116 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

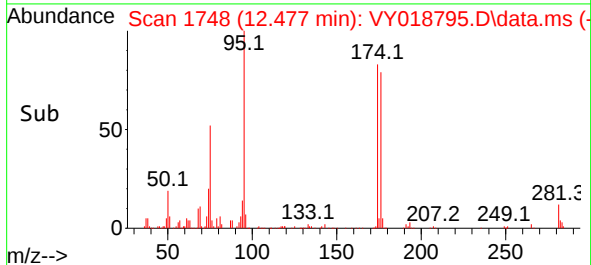
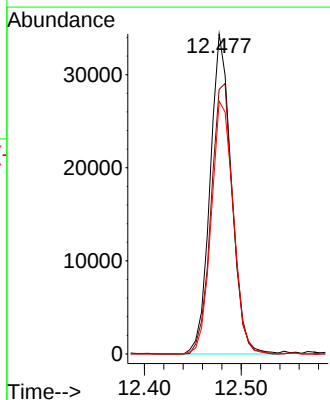
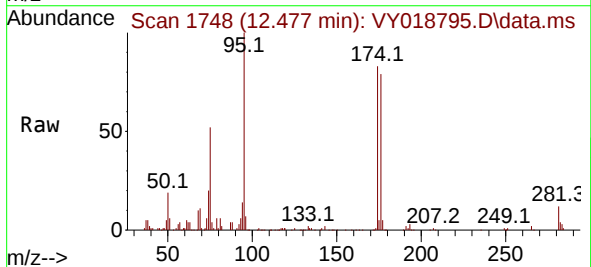
Instrument :
MSVOA_Y
ClientSampleId :

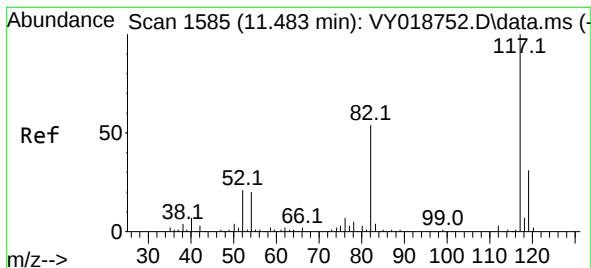
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 167.9 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 45.540 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

Tgt Ion: 95 Resp: 52514
Ion Ratio Lower Upper
95 100
174 87.1 0.0 175.6
176 82.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018795.D

Acq: 12 Jul 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

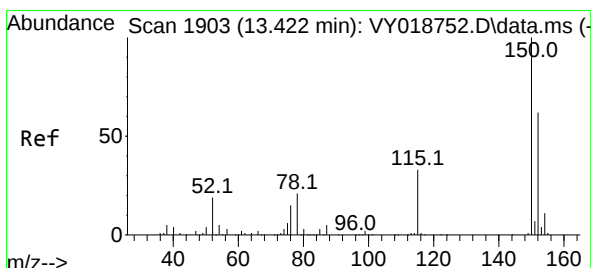
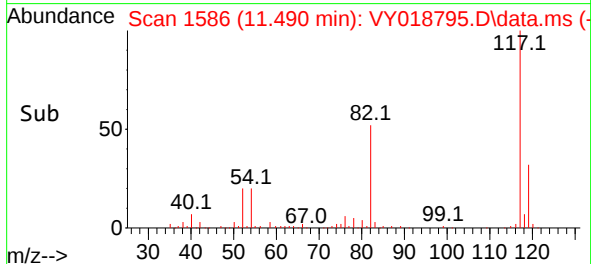
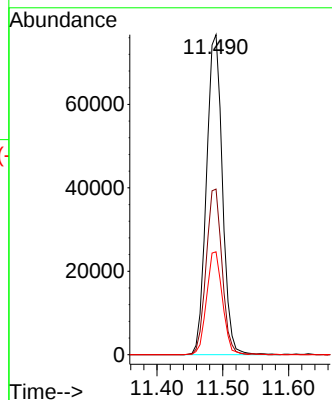
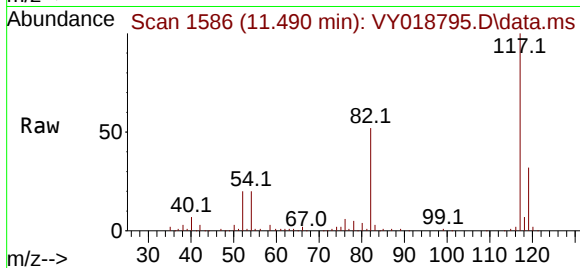
Tgt Ion:117 Resp: 129434

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 32.2 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: VY018795.D

Acq: 12 Jul 2024 14:14

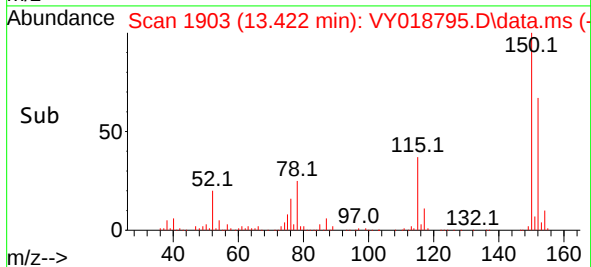
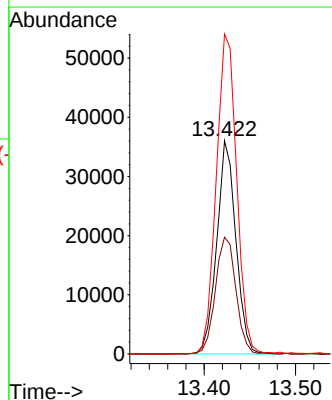
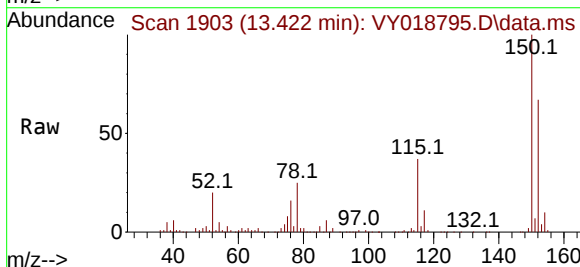
Tgt Ion:152 Resp: 52451

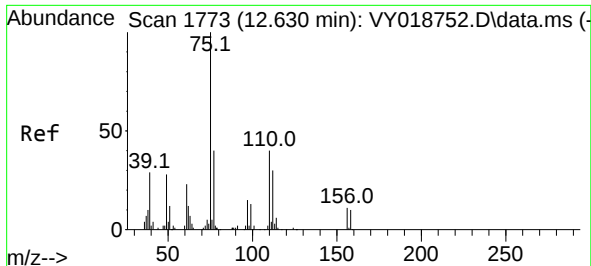
Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 160.6 0.0 345.6

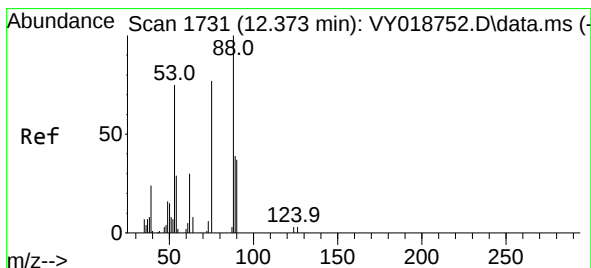
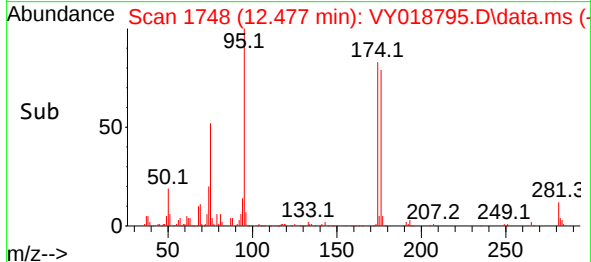
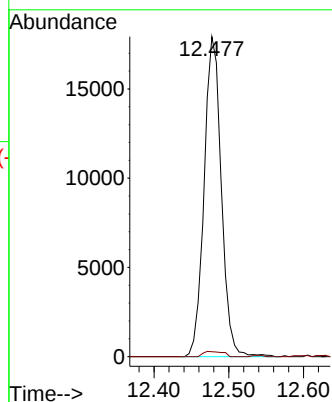
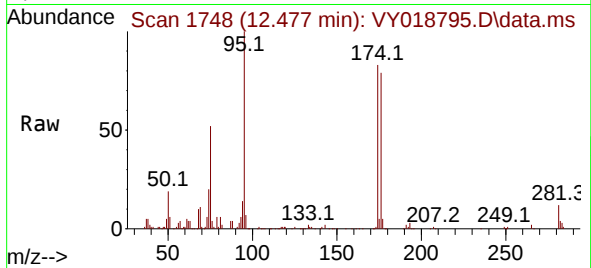




#76
1,2,3-Trichloropropane
Concen: 69.841 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

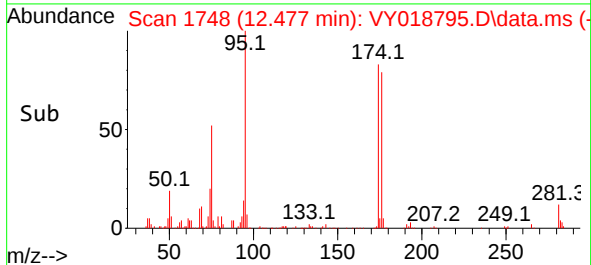
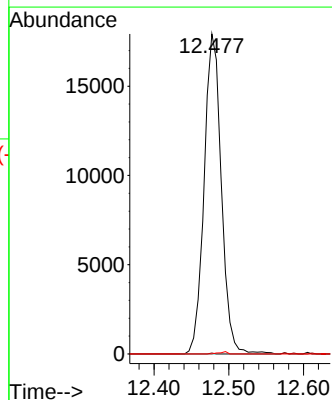
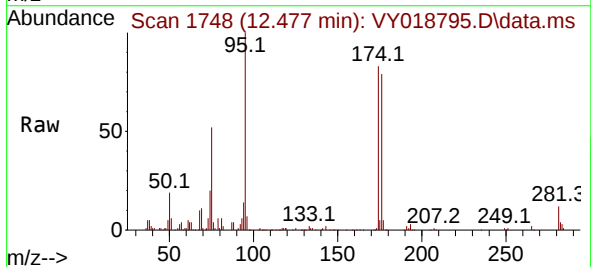
Instrument :
MSVOA_Y
ClientSampleId :

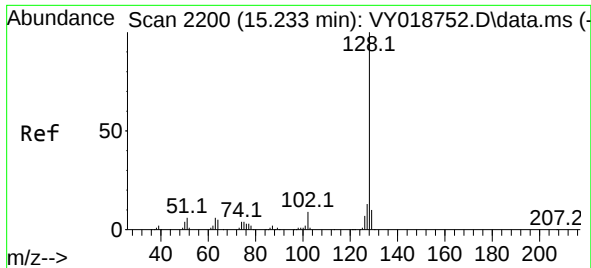
Tgt Ion: 75 Resp: 28691
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 156.308 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018795.D
Acq: 12 Jul 2024 14:14

Tgt Ion: 75 Resp: 28691
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.3 35.8 53.6#





#95

Naphthalene

Concen: 4.076 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

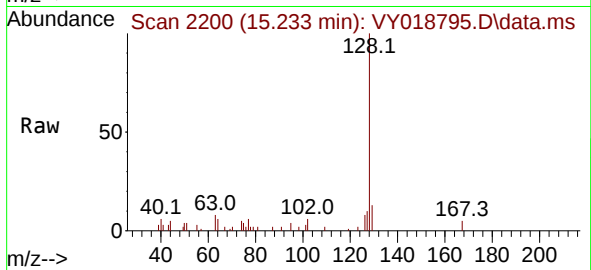
Lab File: VY018795.D

Acq: 12 Jul 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 6636

Ion Ratio Lower Upper

128 100

127 11.6 10.6 16.0

129 11.3 8.6 13.0

