

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018820.D
 Acq On : 15 Jul 2024 18:14
 Operator : SY/MD
 Sample : P3248-02
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 16 01:28:55 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)

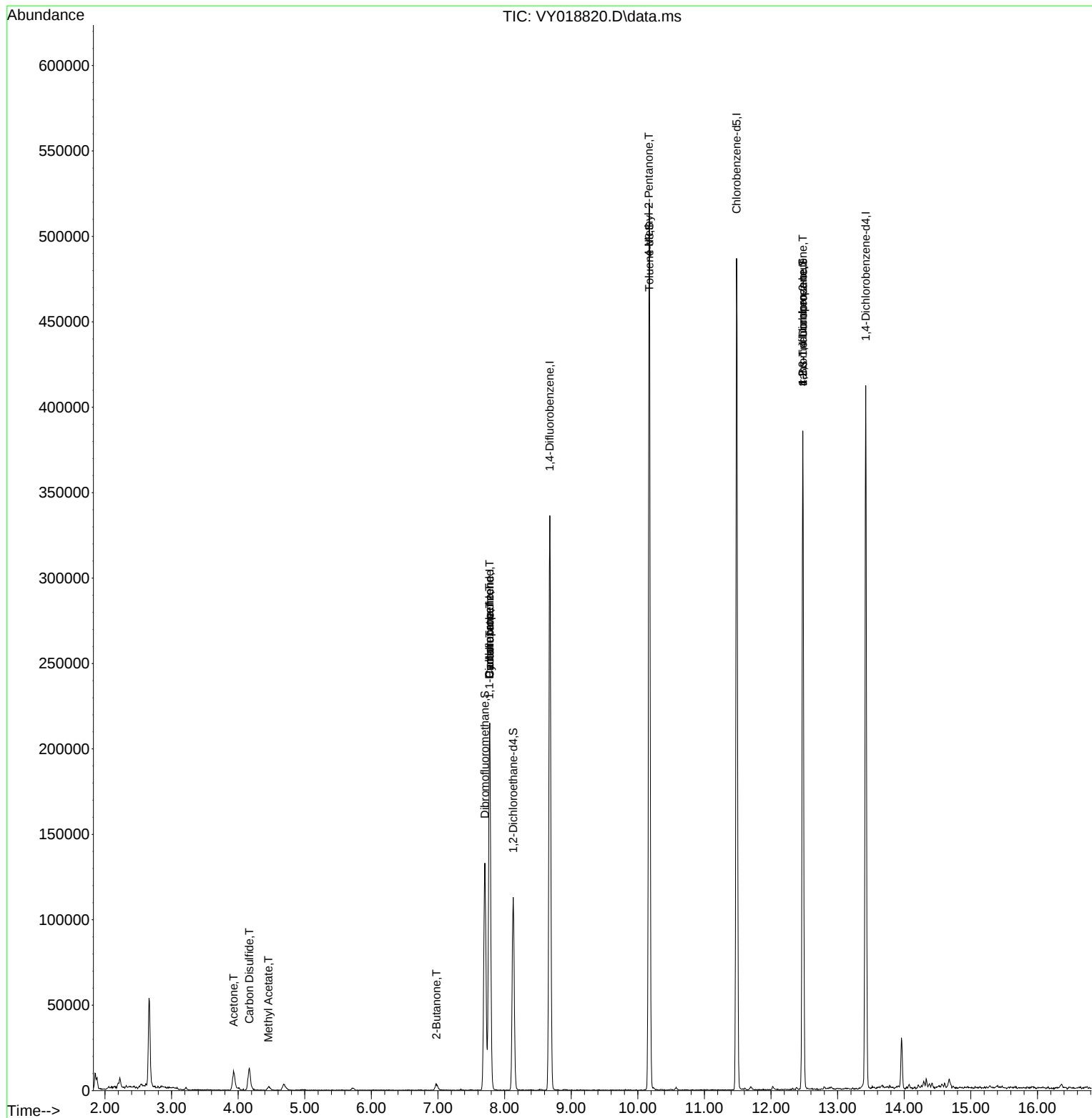
Internal Standards						
1) Pentafluorobenzene	7.777	168	166927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	292238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	269088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87707	53.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.800%	
35) Dibromofluoromethane	7.704	113	90217	49.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.580%	
50) Toluene-d8	10.173	98	333983	48.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.477	95	106523	44.982	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.960%	
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	18135	59.885	ug/l #	85
17) Carbon Disulfide	4.168	76	25195	5.579	ug/l #	91
18) Methyl Acetate	4.454	43	3827	4.349	ug/l #	67
20) Methylene Chloride	4.692	84	2798	Below Cal	#	81
25) 2-Butanone	6.978	43	5585	13.157	ug/l	95
31) Cyclohexane	7.777	56	3269	1.295	ug/l #	36
36) 1,1-Dichloropropene	7.771	75	11499	4.552	ug/l #	50
38) Carbon Tetrachloride	7.777	117	17247	5.669	ug/l #	16
51) 4-Methyl-2-Pentanone	10.167	43	1390	1.303	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	59059	73.414	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59059	164.304	ug/l #	16

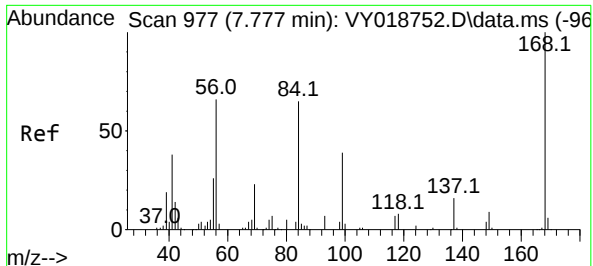
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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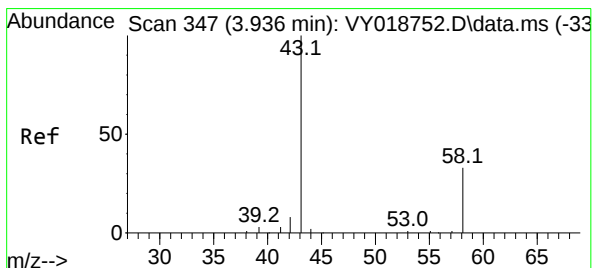
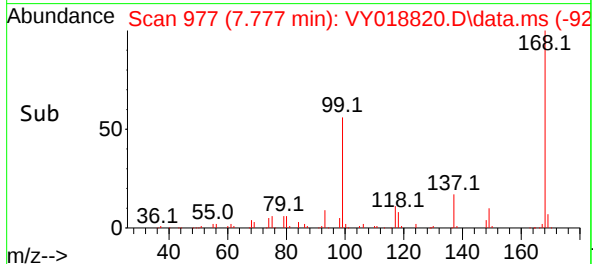
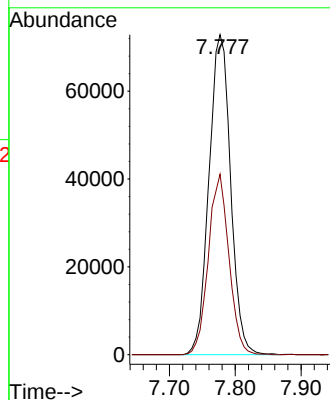
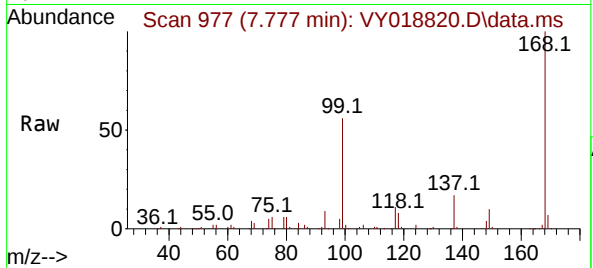




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

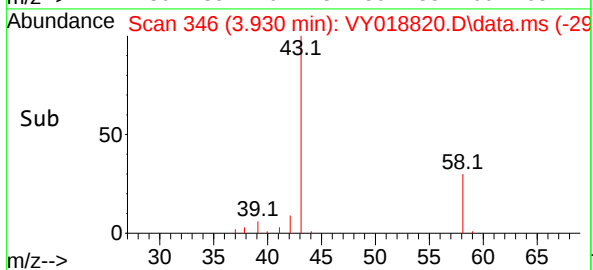
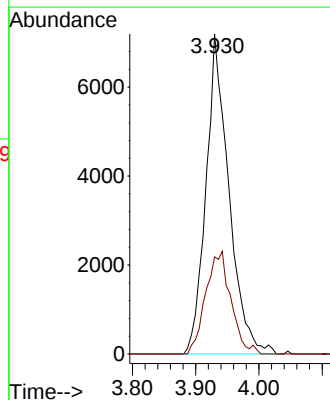
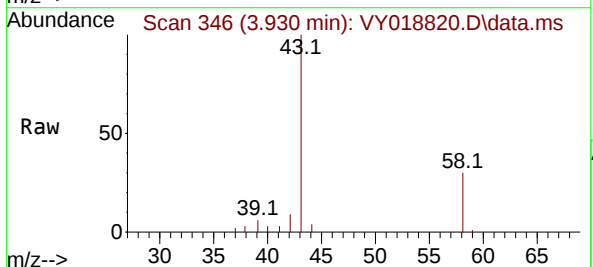
Instrument :
MSVOA_Y
ClientSampleId :

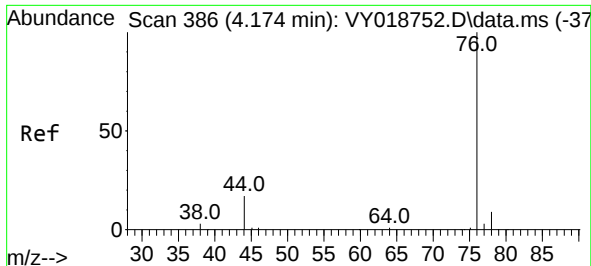
Tgt Ion:168 Resp: 166927
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#16
Acetone
Concen: 59.885 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

Tgt Ion: 43 Resp: 18135
Ion Ratio Lower Upper
43 100
58 30.3 31.7 47.5#

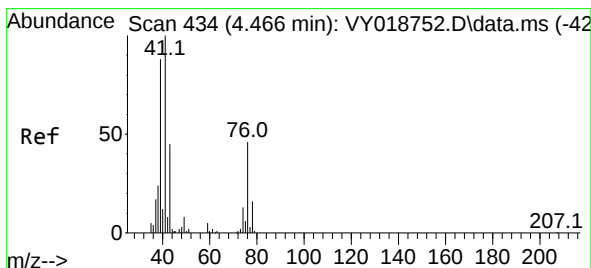
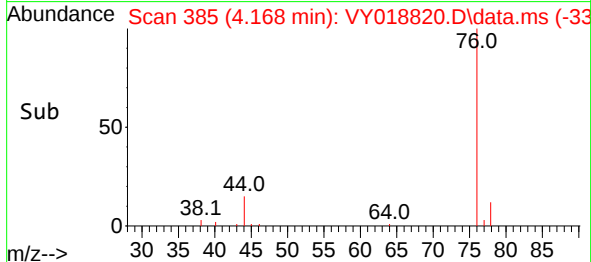
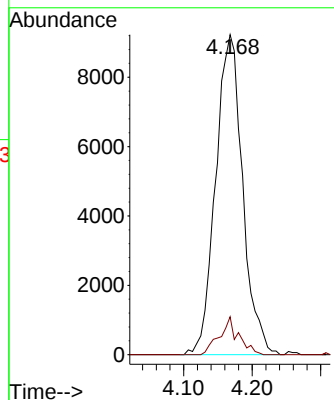
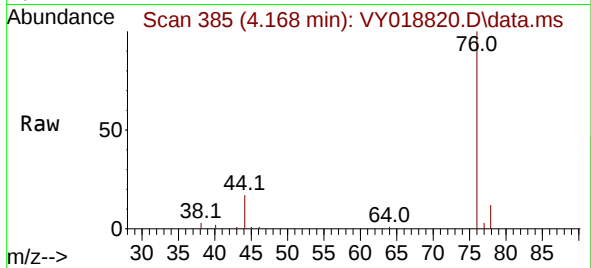




#17
Carbon Disulfide
Concen: 5.579 ug/l
RT: 4.168 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

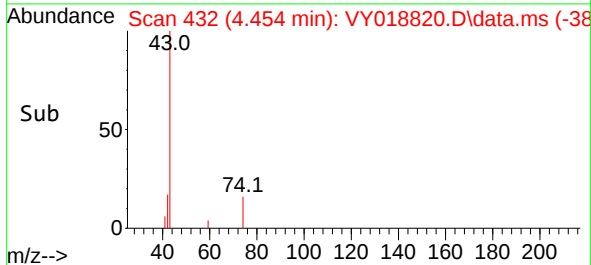
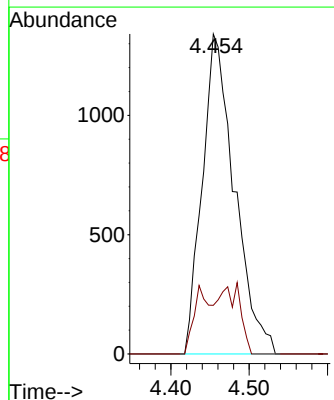
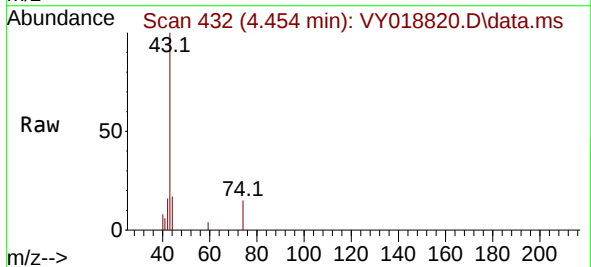
Instrument :
MSVOA_Y
ClientSampleId :

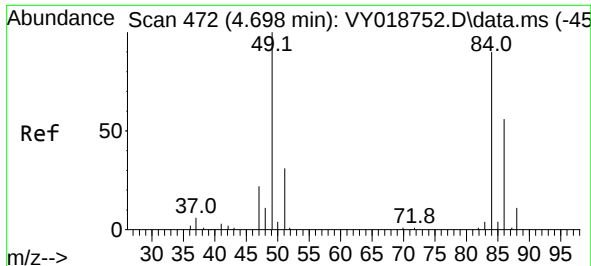
Tgt Ion: 76 Resp: 25195
Ion Ratio Lower Upper
76 100
78 11.8 6.8 10.2#



#18
Methyl Acetate
Concen: 4.349 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.012 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

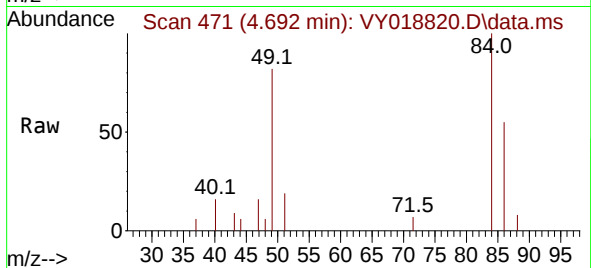
Tgt Ion: 43 Resp: 3827
Ion Ratio Lower Upper
43 100
74 11.2 23.3 34.9#



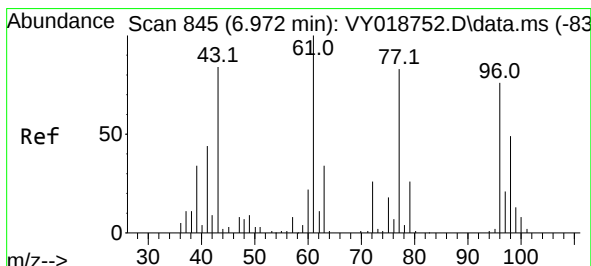
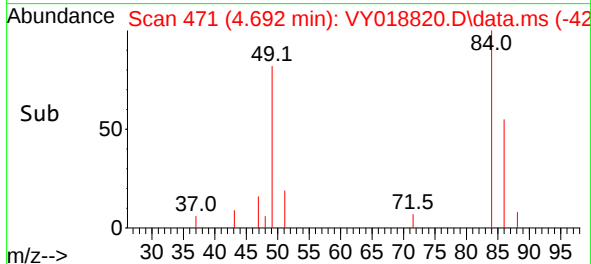
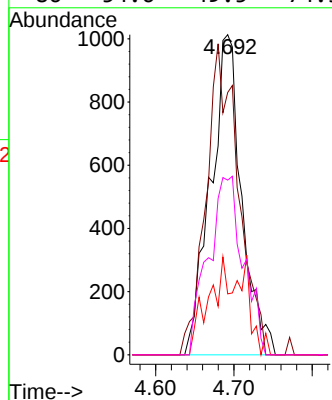


#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

Instrument :
MSVOA_Y
ClientSampleId :

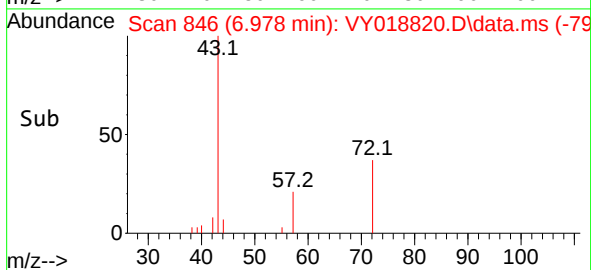
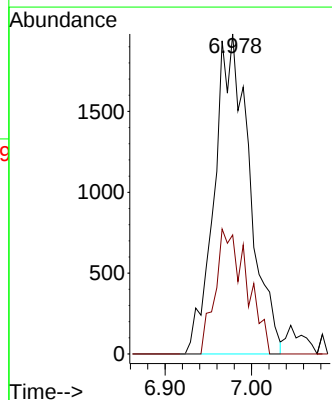
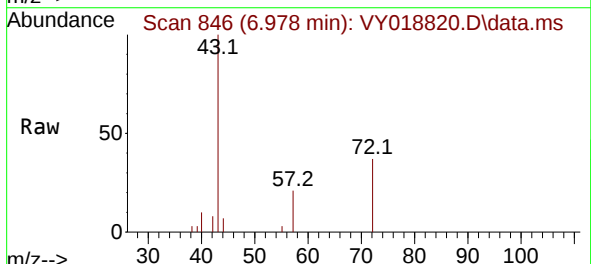


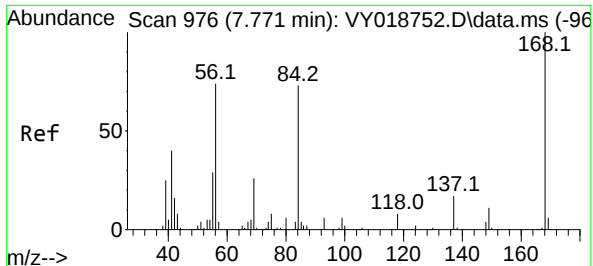
Tgt Ion:	84	Resp:	2798
Ion	Ratio	Lower	Upper
84	100		
49	81.9	84.4	126.6#
51	19.1	26.0	39.0#
86	54.6	49.5	74.3



#25
2-Butanone
Concen: 13.157 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

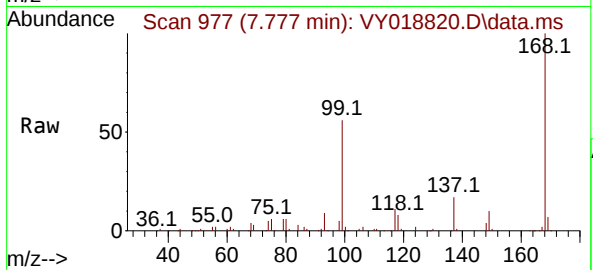
Tgt Ion:	43	Resp:	5585
Ion	Ratio	Lower	Upper
43	100		
72	37.2	27.3	40.9



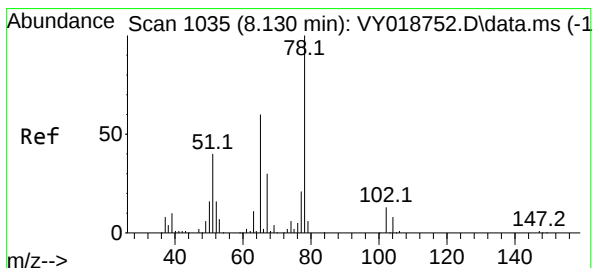
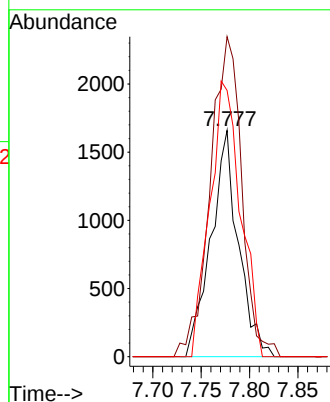
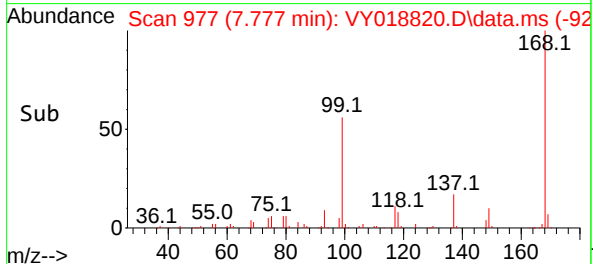


#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

Instrument :
MSVOA_Y
ClientSampleId :

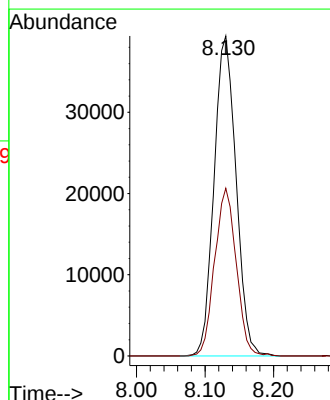
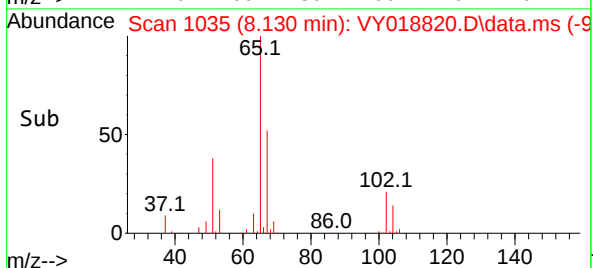
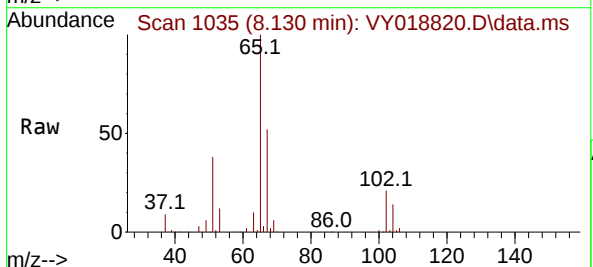


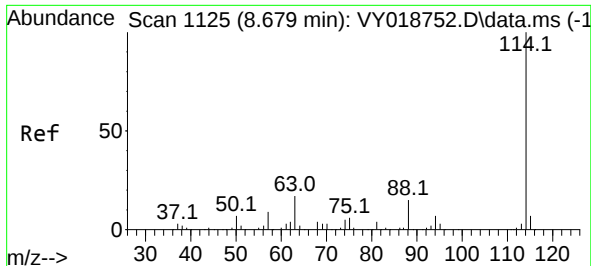
Tgt Ion: 56 Resp: 3269
Ion Ratio Lower Upper
56 100
69 141.5 28.7 43.1#
84 117.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.395 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018820.D
Acq: 15 Jul 2024 18:14

Tgt Ion: 65 Resp: 87707
Ion Ratio Lower Upper
65 100
67 51.4 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: VY018820.D

Acq: 15 Jul 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

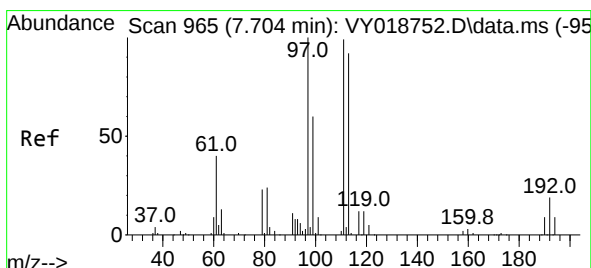
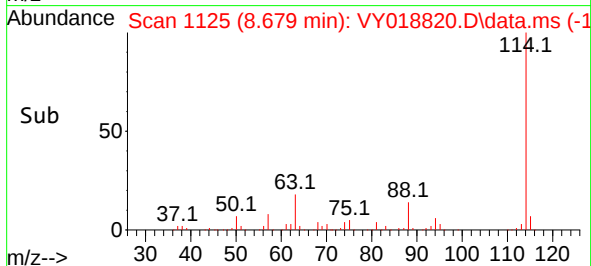
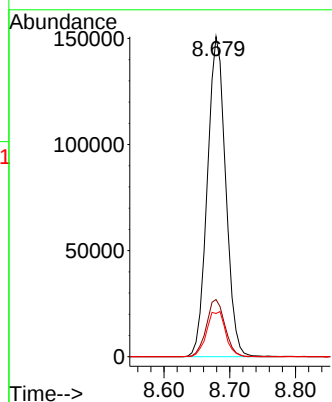
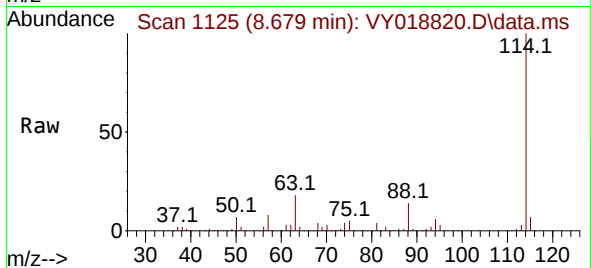
Tgt Ion:114 Resp: 292238

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.290 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018820.D

Acq: 15 Jul 2024 18:14

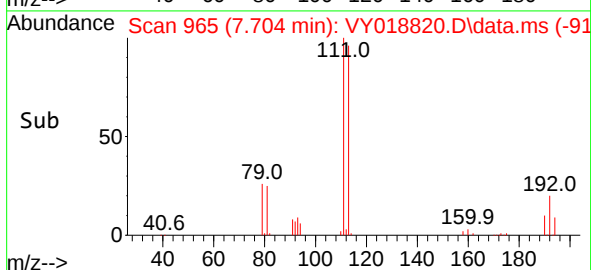
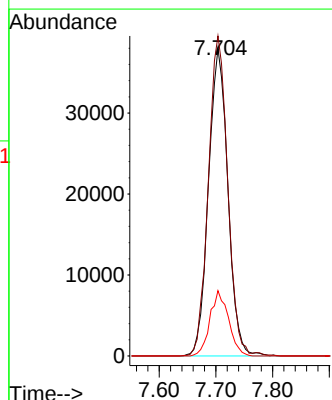
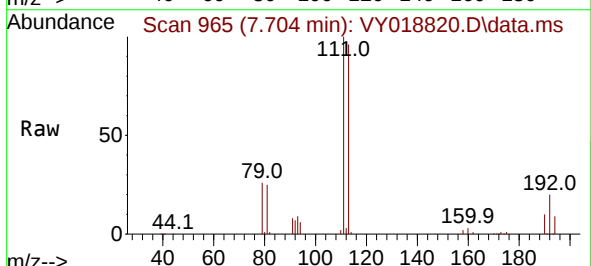
Tgt Ion:113 Resp: 90217

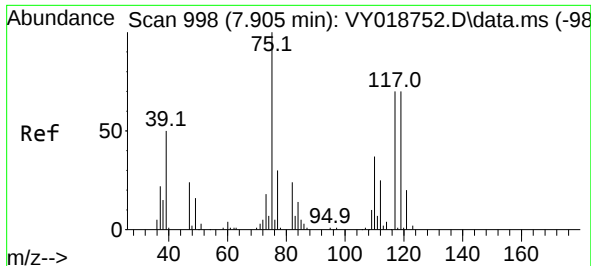
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 20.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.552 ug/l

RT: 7.771 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018820.D

Acq: 15 Jul 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

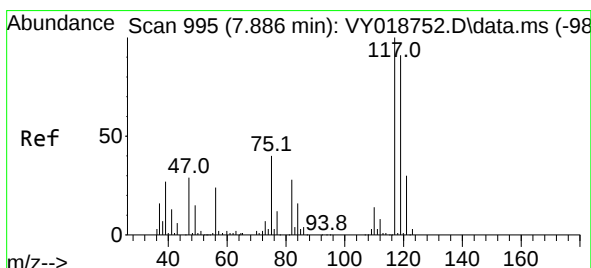
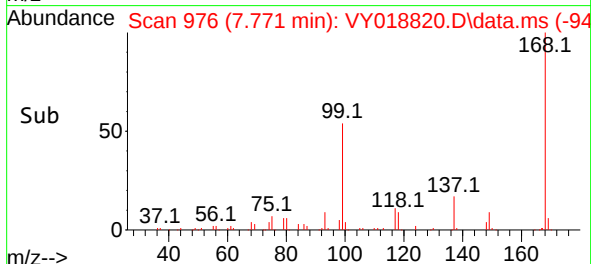
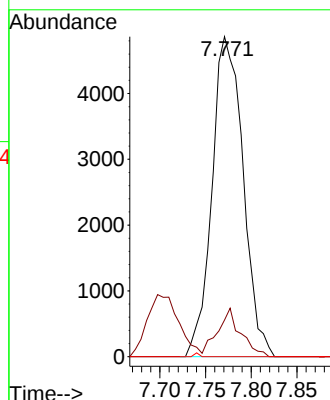
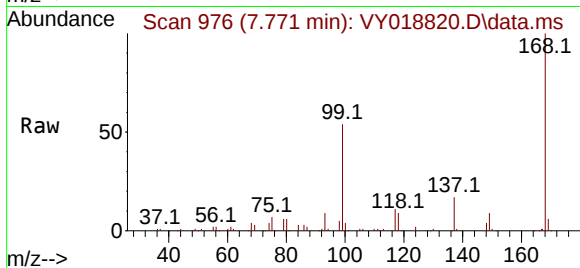
Tgt Ion: 75 Resp: 11499

Ion Ratio Lower Upper

75 100

110 11.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.669 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.110 min

Lab File: VY018820.D

Acq: 15 Jul 2024 18:14

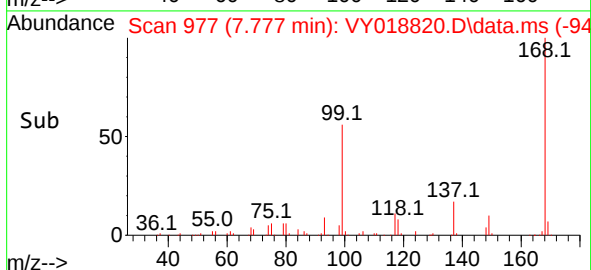
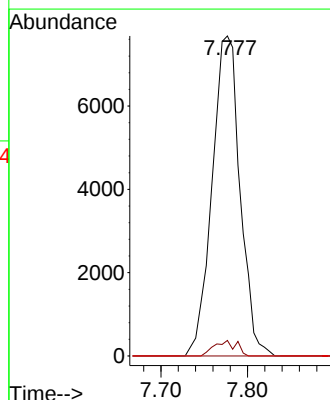
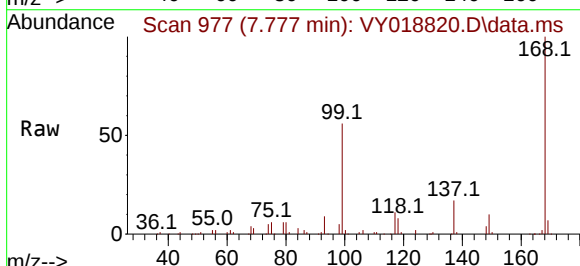
Tgt Ion: 117 Resp: 17247

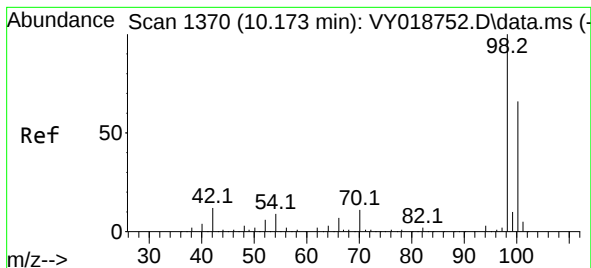
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.163 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018820.D

Acq: 15 Jul 2024 18:14

Instrument :

MSVOA_Y

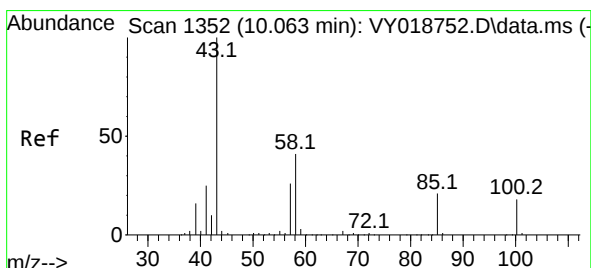
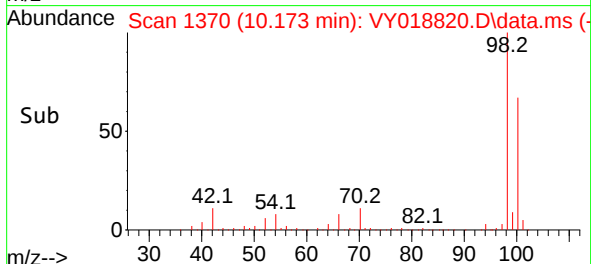
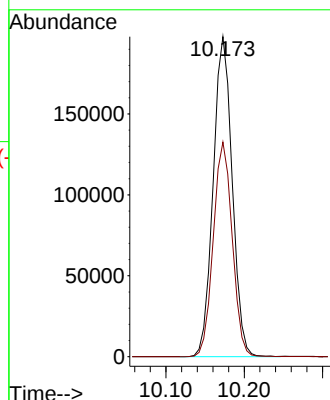
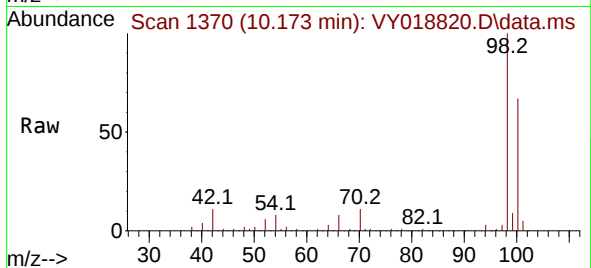
ClientSampleId :

Tgt Ion: 98 Resp: 333983

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.303 ug/l

RT: 10.167 min Scan# 1369

Delta R.T. 0.104 min

Lab File: VY018820.D

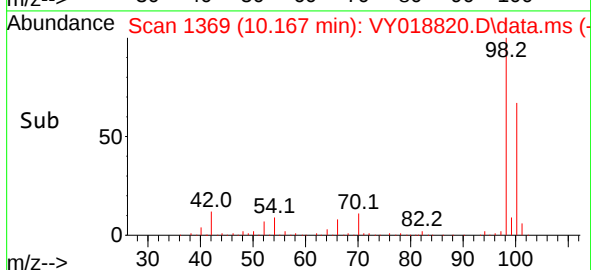
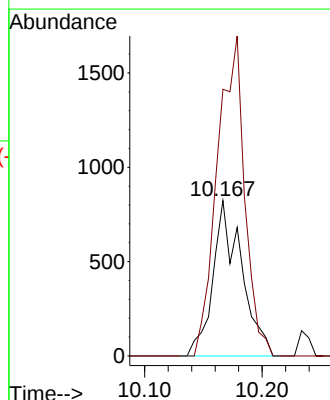
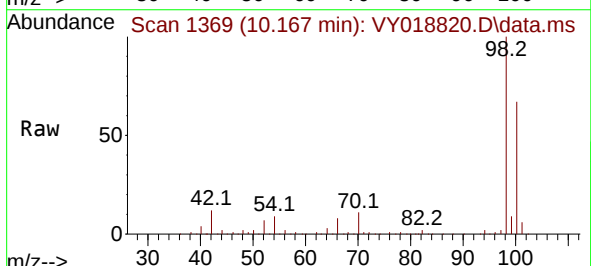
Acq: 15 Jul 2024 18:14

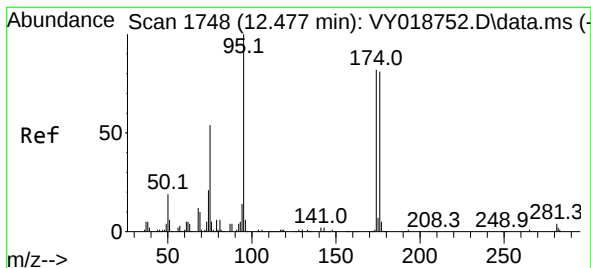
Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

43 100

58 197.8 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 44.982 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018820.D

Acq: 15 Jul 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

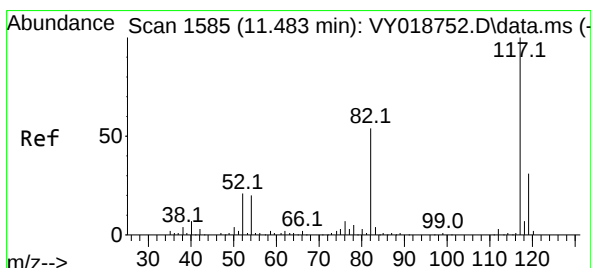
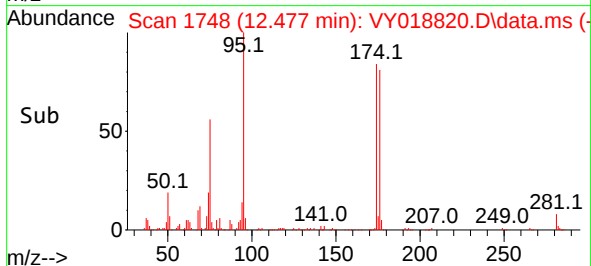
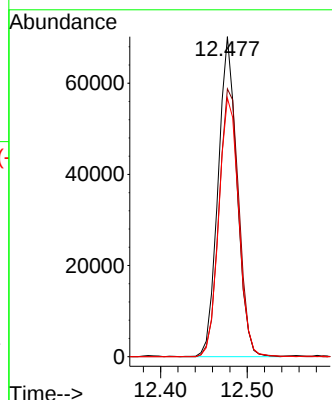
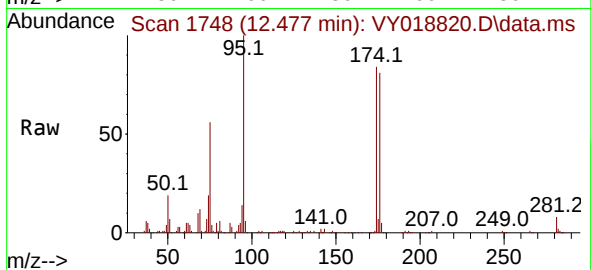
Tgt Ion: 95 Resp: 106523

Ion Ratio Lower Upper

95 100

174 88.8 0.0 175.6

176 84.8 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: VY018820.D

Acq: 15 Jul 2024 18:14

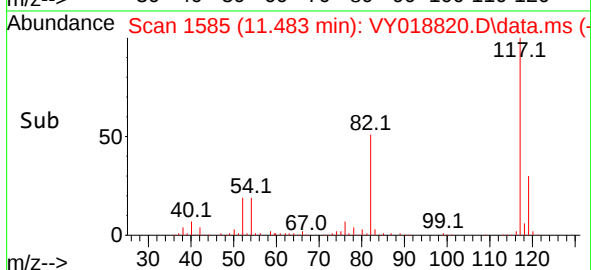
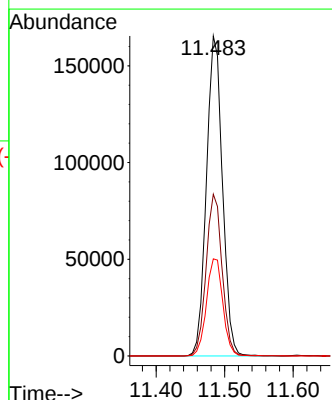
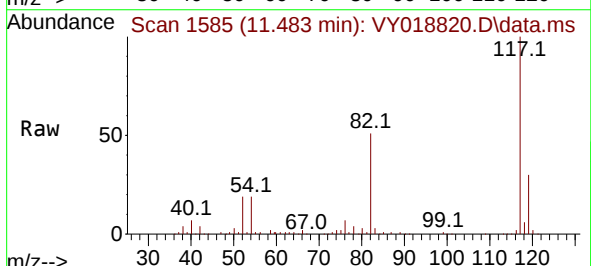
Tgt Ion: 117 Resp: 269088

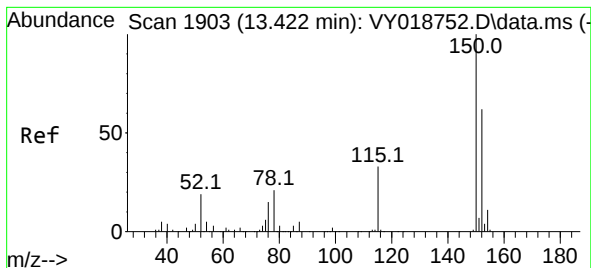
Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 30.4 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: VY018820.D

Acq: 15 Jul 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

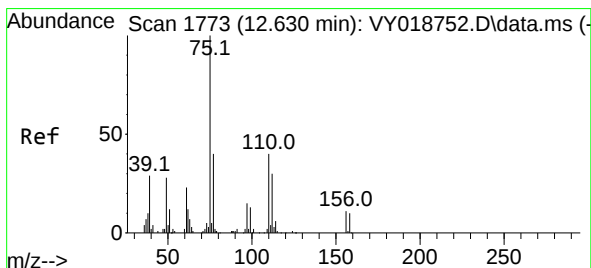
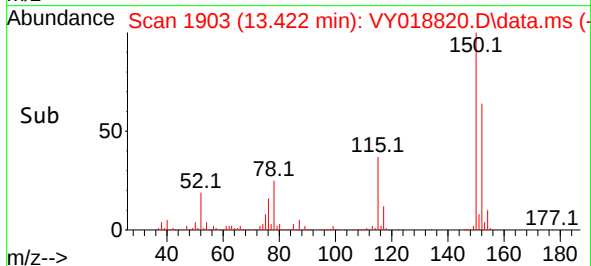
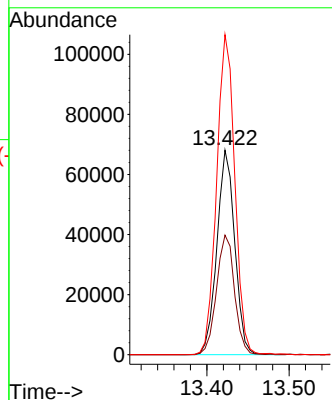
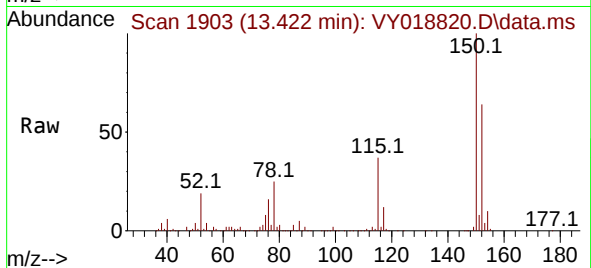
Tgt Ion:152 Resp: 102713

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 159.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 73.414 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018820.D

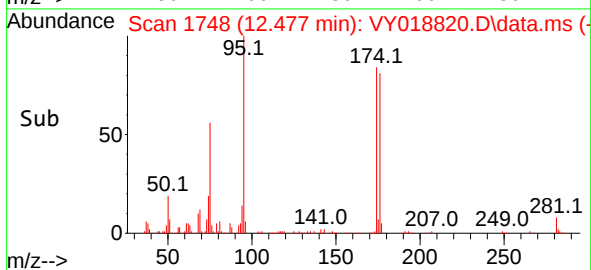
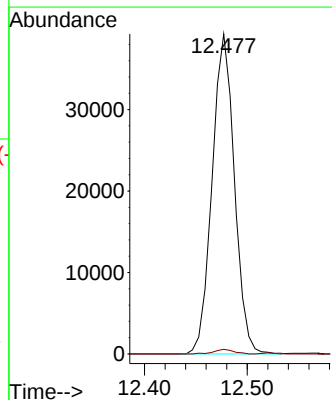
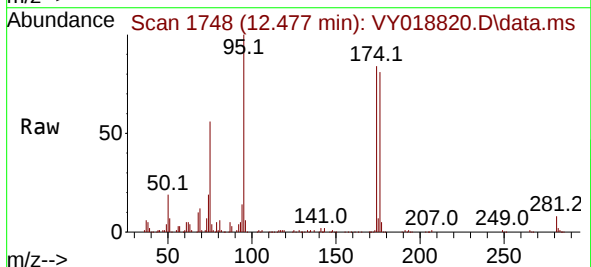
Acq: 15 Jul 2024 18:14

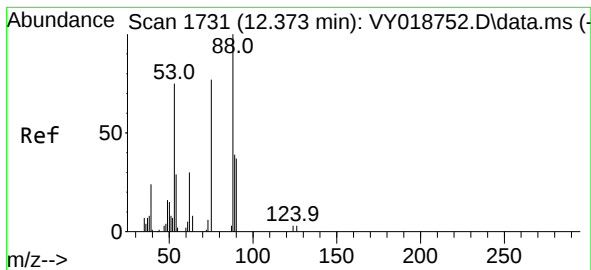
Tgt Ion: 75 Resp: 59059

Ion Ratio Lower Upper

75 100

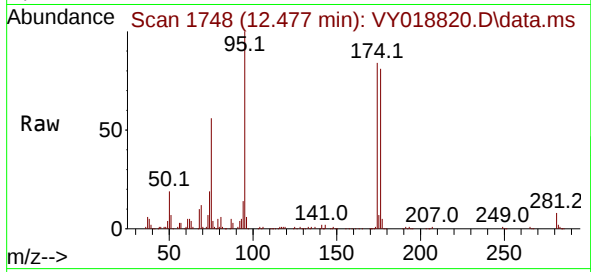
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 164.304 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018820.D
 Acq: 15 Jul 2024 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	59059
Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	35.8	53.6#

