

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018248.D
 Acq On : 13 May 2024 17:47
 Operator : SY/MD
 Sample : P2468-03
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:31:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

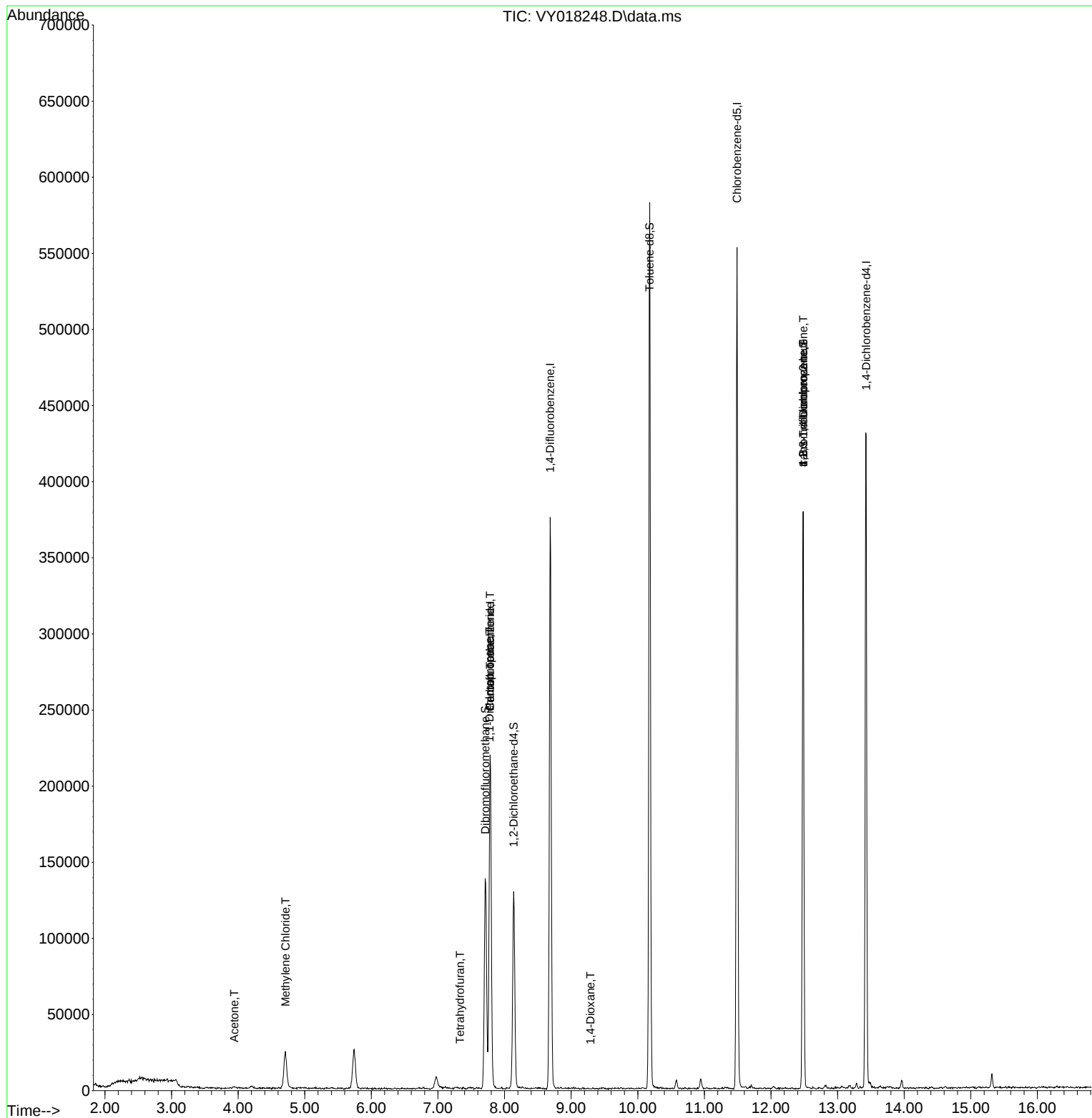
Internal Standards						
1) Pentafluorobenzene	7.783	168	175293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	309161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92841	71.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.980%
35) Dibromofluoromethane	7.710	113	100458	56.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.360%
50) Toluene-d8	10.179	98	383188	54.866	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.740%
62) 4-Bromofluorobenzene	12.483	95	118946	52.737	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	244	Below Cal	#	82
13) Acrolein	3.711	56	23	Below Cal	#	1
16) Acetone	3.942	43	1875	7.286	ug/l #	82
20) Methylene Chloride	4.710	84	18642	10.249	ug/l	96
29) Tetrahydrofuran	7.332	42	324	1.193	ug/l #	44
31) Cyclohexane	7.789	56	3616	Below Cal	#	15
36) 1,1-Dichloropropene	7.777	75	13068	5.143	ug/l #	49
38) Carbon Tetrachloride	7.783	117	16862	6.074	ug/l #	16
49) 1,4-Dioxane	9.289	88	23	1.687	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	59051	62.164	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59051	119.769	ug/l #	16

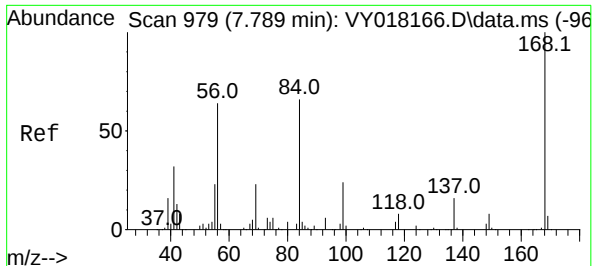
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY051324\
Data File : VY018248.D
Acq On : 13 May 2024 17:47
Operator : SY/MD
Sample : P2468-03
Misc : 5.62g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: May 14 02:31:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

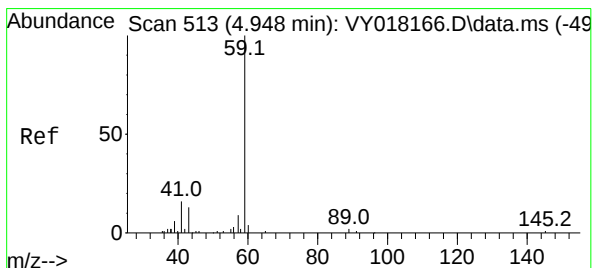
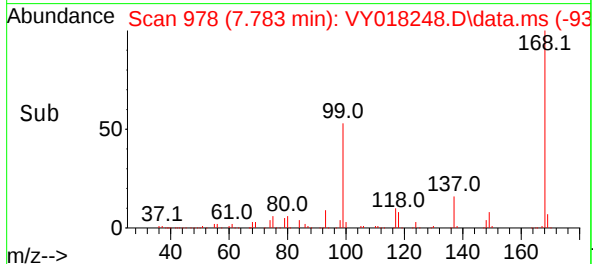
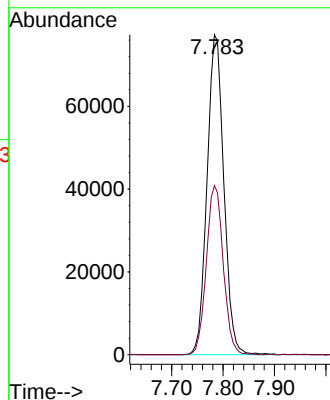
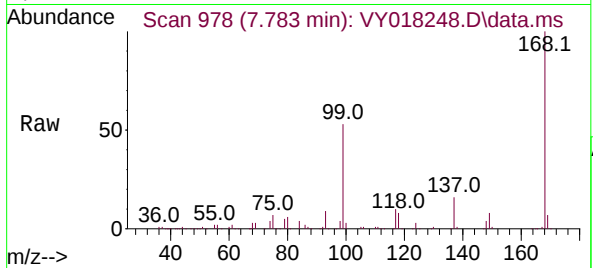




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

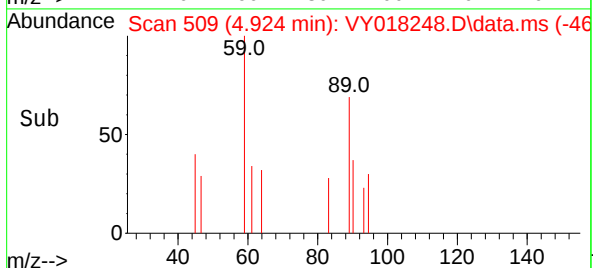
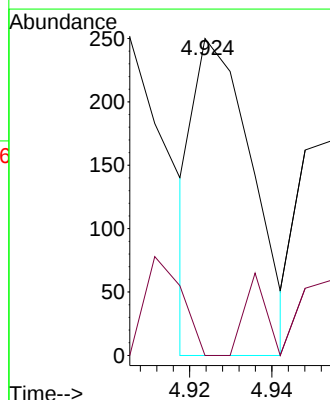
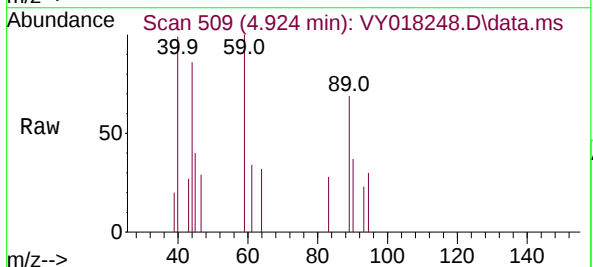
Instrument :
MSVOA_Y
ClientSampleId :

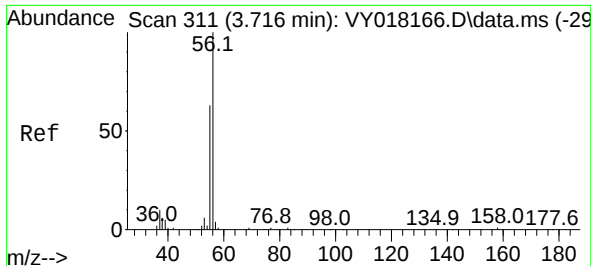
Tgt Ion:168 Resp: 175293
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

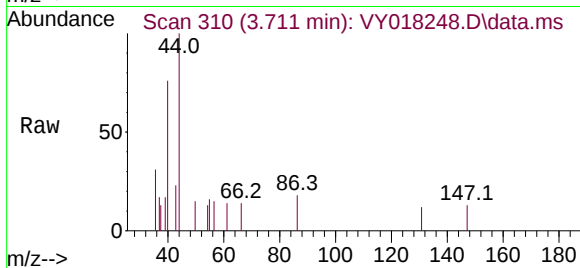
Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6#



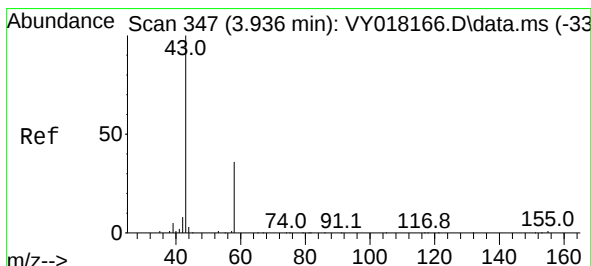
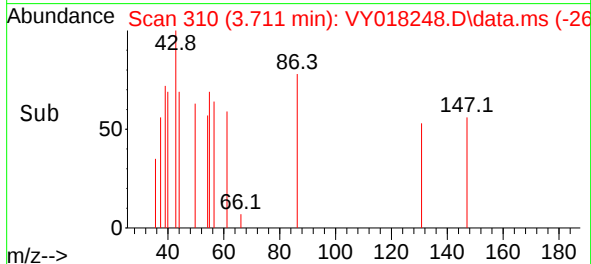
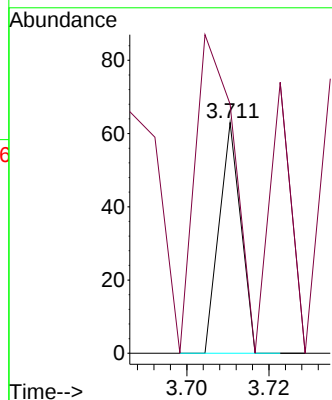


#13
Acrolein
Concen: Below Cal
RT: 3.711 min Scan# 311
Delta R.T. -0.005 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

Instrument :
MSVOA_Y
ClientSampleId :

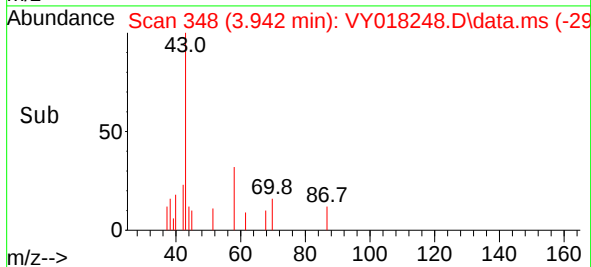
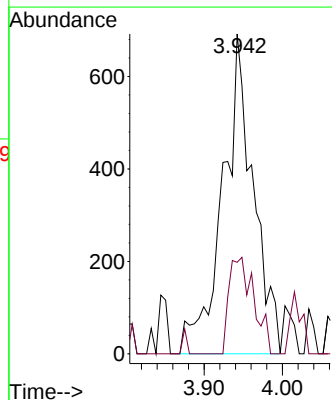
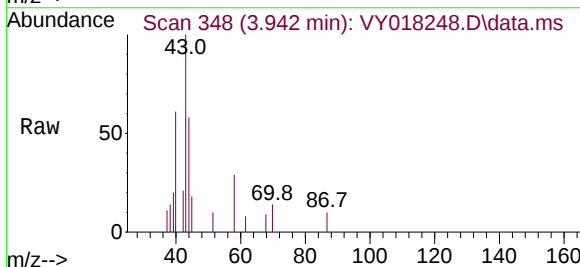


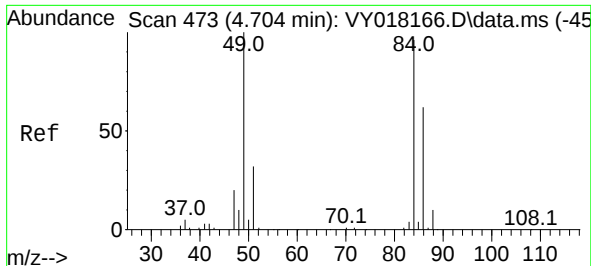
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 247.8 55.7 83.5#



#16
Acetone
Concen: 7.286 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
58 28.6 31.7 47.5#





#20

Methylene Chloride

Concen: 10.249 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

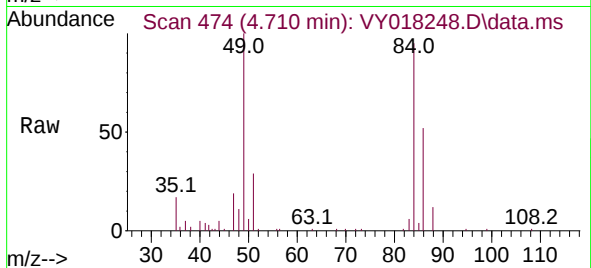
Lab File: VY018248.D

Acq: 13 May 2024 17:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 18642

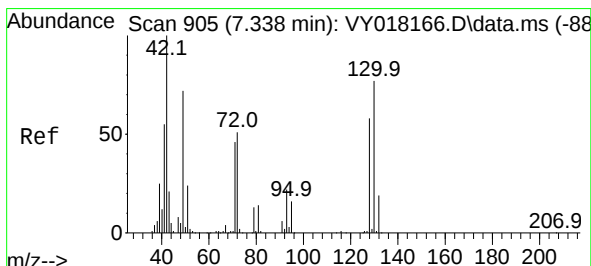
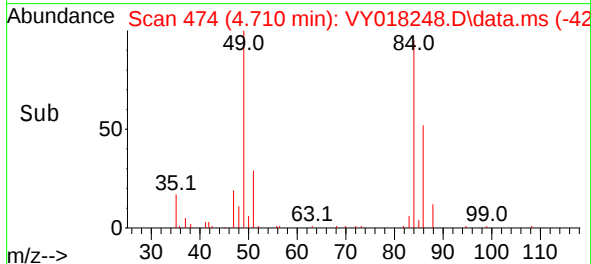
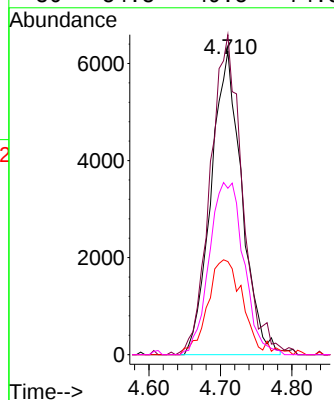
Ion Ratio Lower Upper

84 100

49 104.6 84.4 126.6

51 30.7 26.0 39.0

86 54.8 49.5 74.3



#29

Tetrahydrofuran

Concen: 1.193 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018248.D

Acq: 13 May 2024 17:47

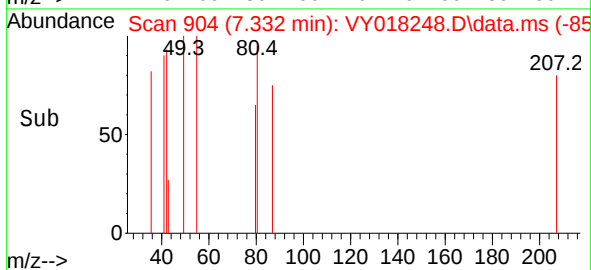
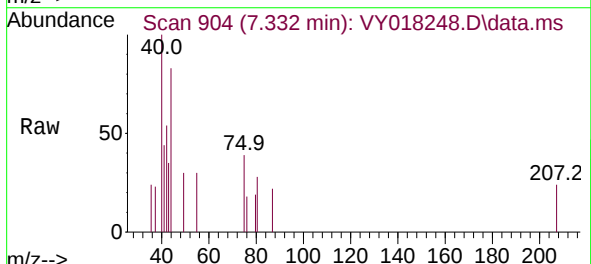
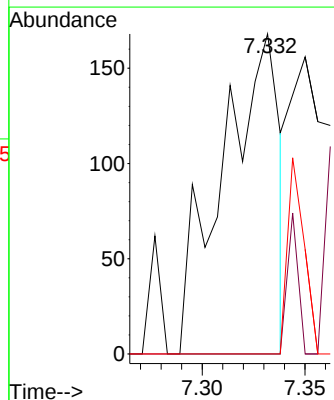
Tgt Ion: 42 Resp: 324

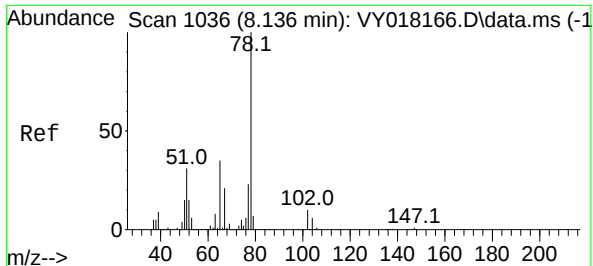
Ion Ratio Lower Upper

42 100

72 8.3 43.0 64.4#

71 17.9 40.8 61.2#





#33

1,2-Dichloroethane-d4

Concen: 71.993 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018248.D

Acq: 13 May 2024 17:47

Instrument :

MSVOA_Y

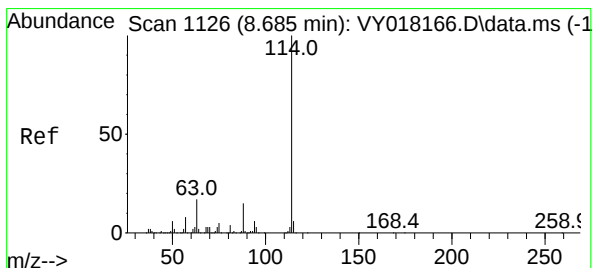
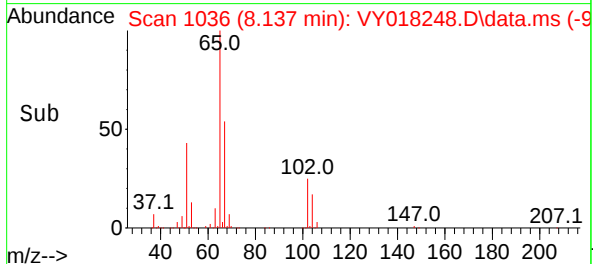
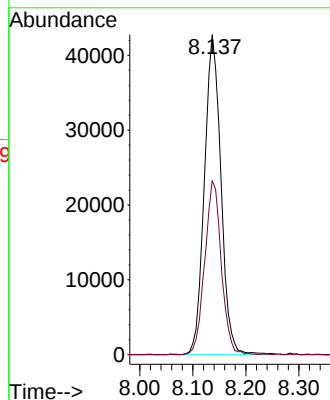
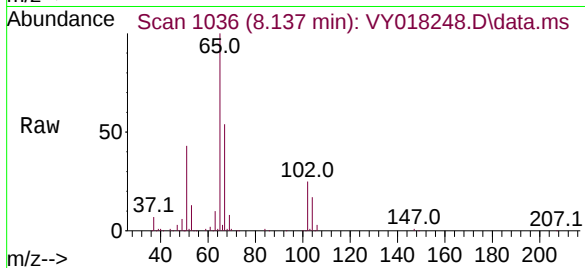
ClientSampleId :

Tgt Ion: 65 Resp: 92841

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018248.D

Acq: 13 May 2024 17:47

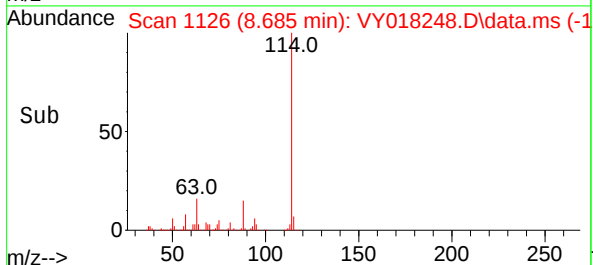
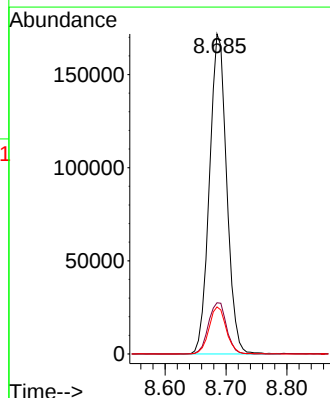
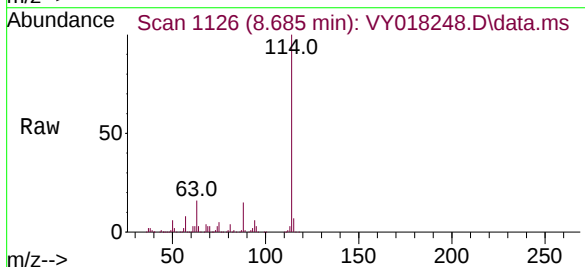
Tgt Ion:114 Resp: 337236

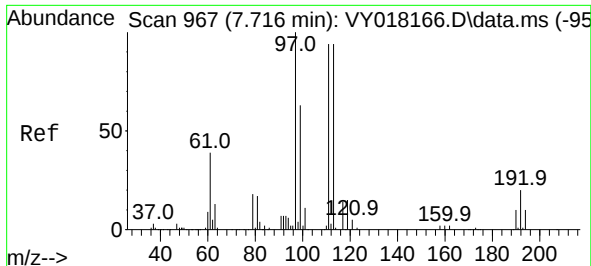
Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 14.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 56.681 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.006 min

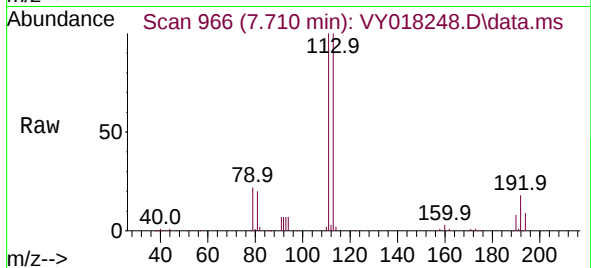
Lab File: VY018248.D

Acq: 13 May 2024 17:47

Instrument :

MSVOA_Y

ClientSampleId :



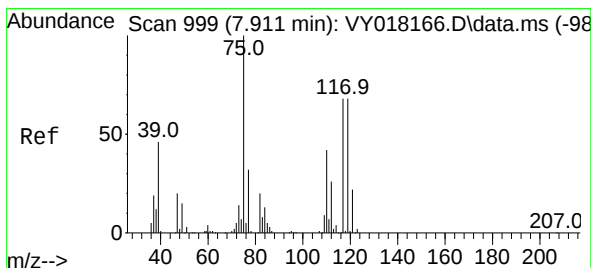
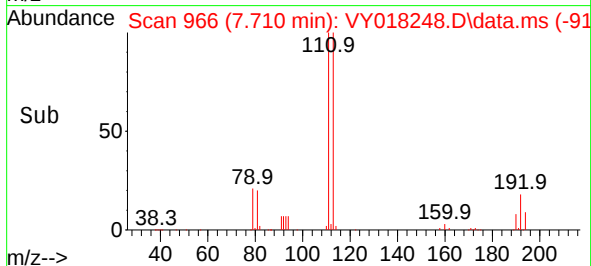
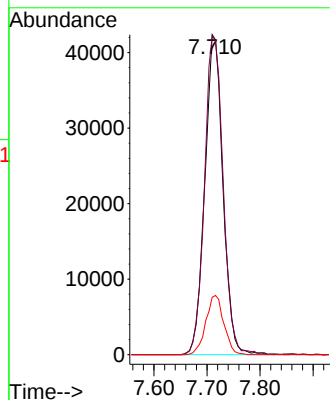
Tgt Ion:113 Resp: 100458

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.143 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.134 min

Lab File: VY018248.D

Acq: 13 May 2024 17:47

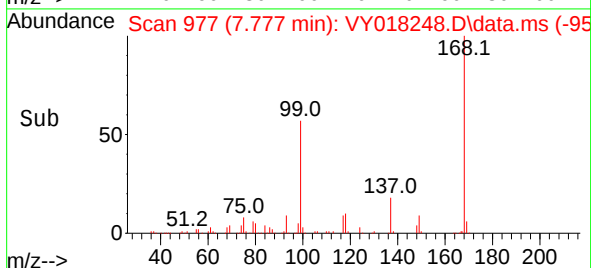
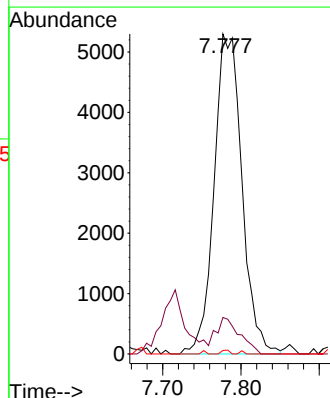
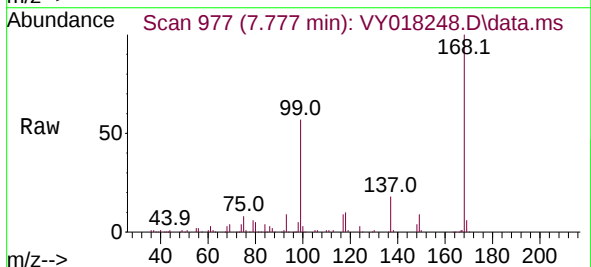
Tgt Ion: 75 Resp: 13068

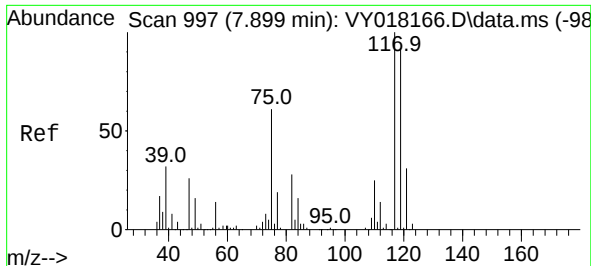
Ion Ratio Lower Upper

75 100

110 9.7 19.0 57.0#

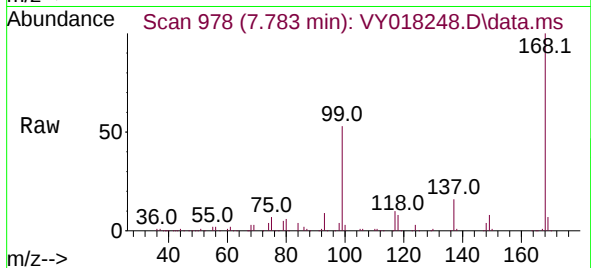
77 0.3 25.3 37.9#



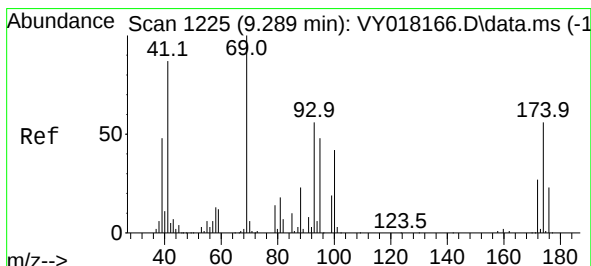
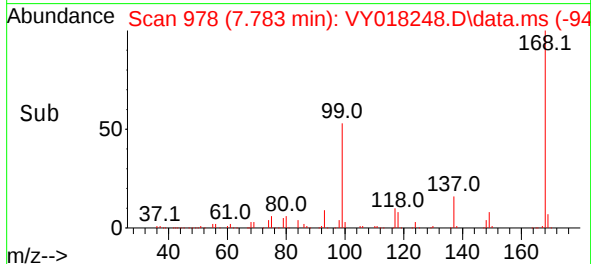
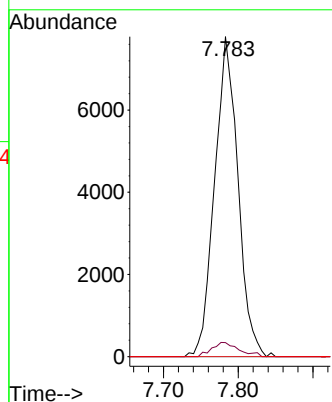


#38
Carbon Tetrachloride
Concen: 6.074 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

Instrument :
MSVOA_Y
ClientSampleId :

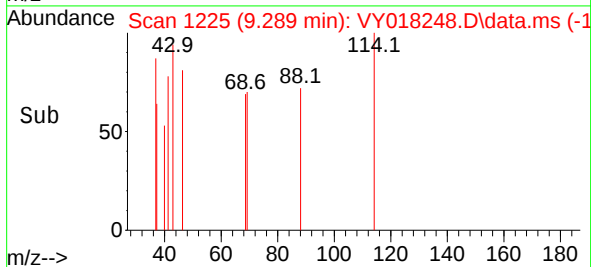
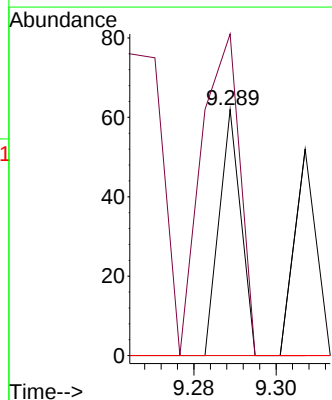
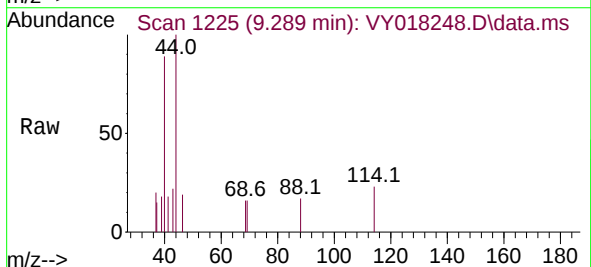


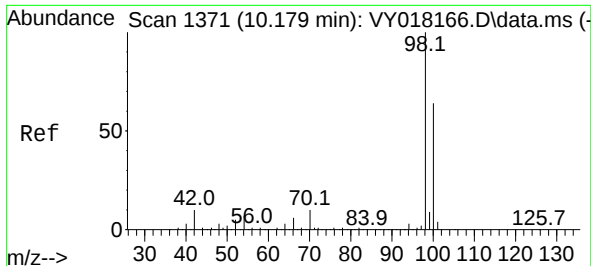
Tgt Ion:117 Resp: 16862
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.687 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 226.1 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 54.866 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018248.D

Acq: 13 May 2024 17:47

Instrument :

MSVOA_Y

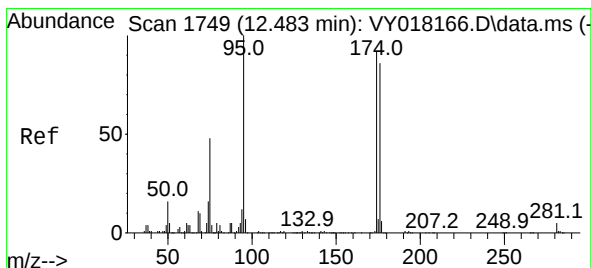
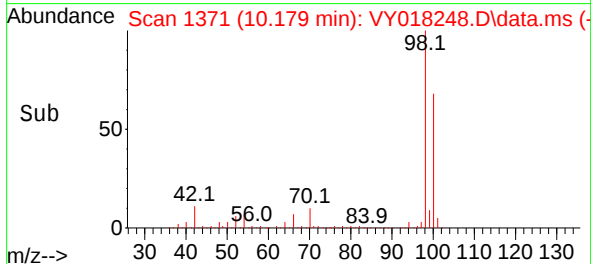
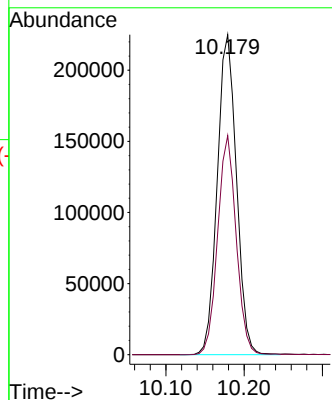
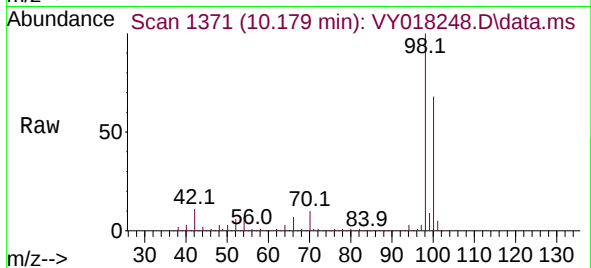
ClientSampleId :

Tgt Ion: 98 Resp: 383188

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.737 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018248.D

Acq: 13 May 2024 17:47

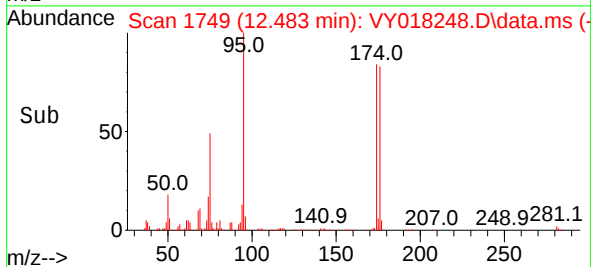
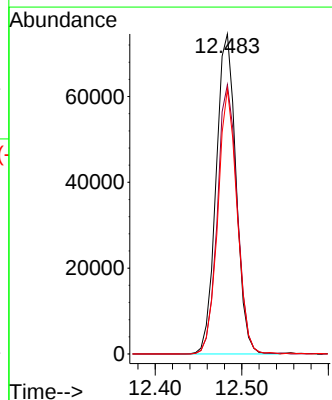
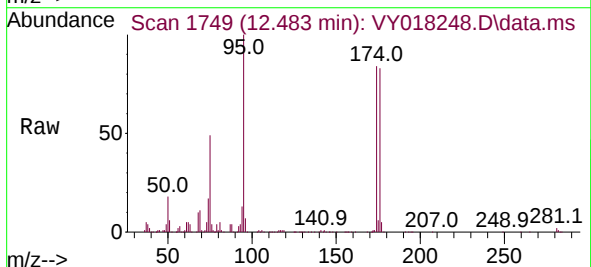
Tgt Ion: 95 Resp: 118946

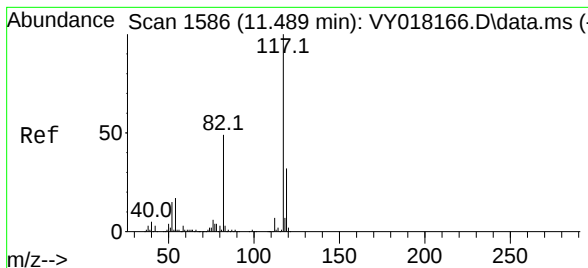
Ion Ratio Lower Upper

95 100

174 83.9 0.0 175.6

176 80.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018248.D

Acq: 13 May 2024 17:47

Instrument :

MSVOA_Y

ClientSampleId :

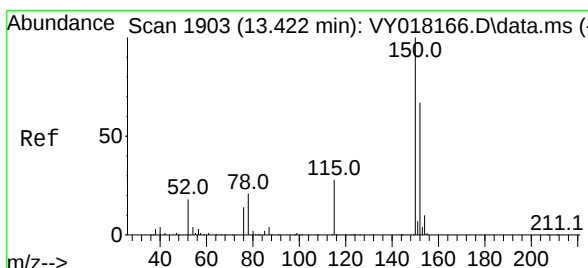
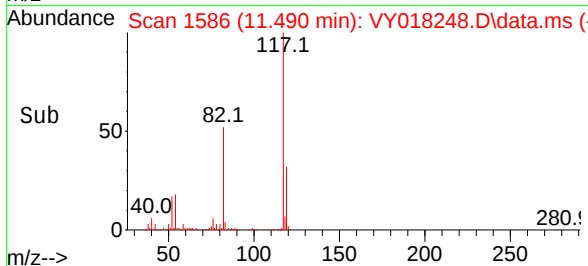
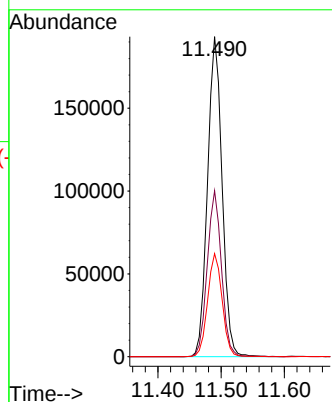
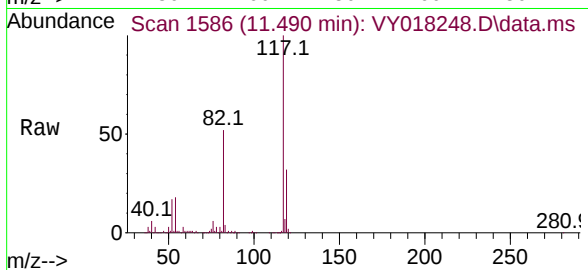
Tgt Ion:117 Resp: 309161

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018248.D

Acq: 13 May 2024 17:47

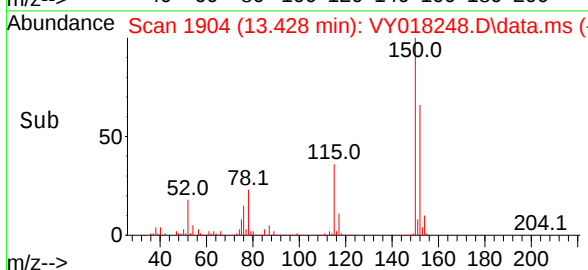
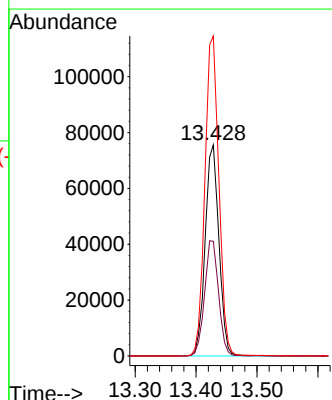
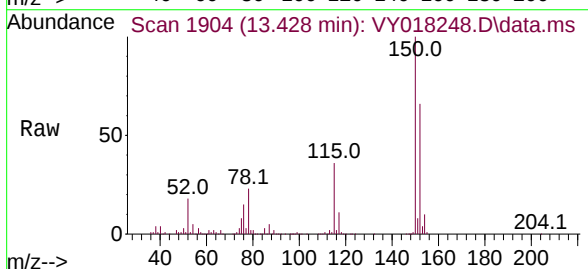
Tgt Ion:152 Resp: 118676

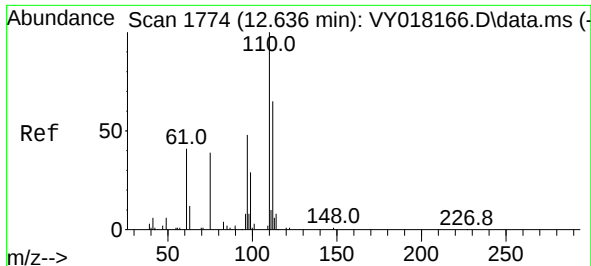
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 154.1 0.0 345.6

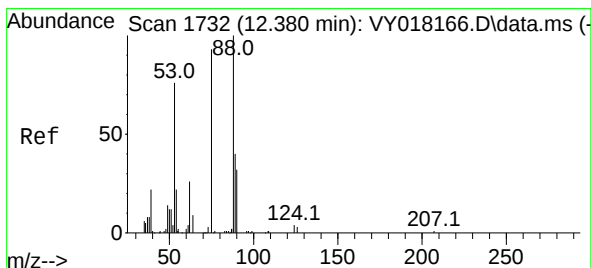
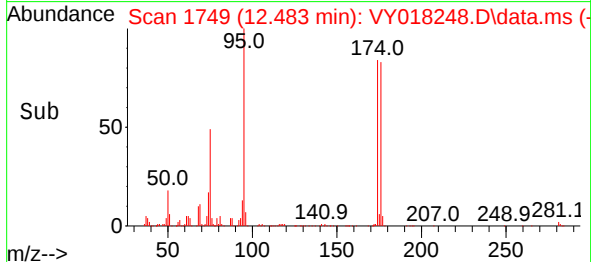
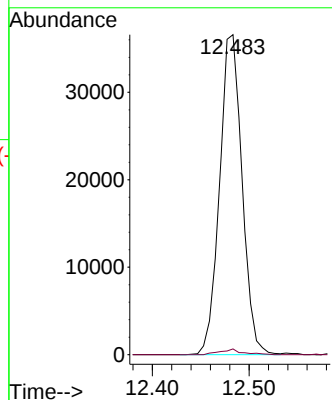
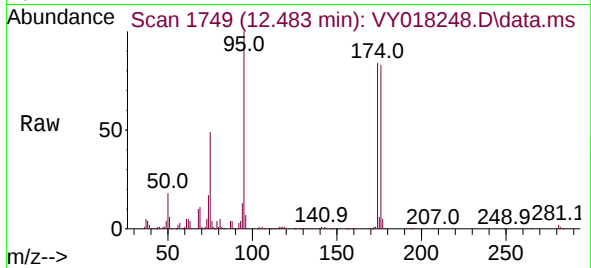




#76
1,2,3-Trichloropropane
Concen: 62.164 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59051
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

Tgt Ion: 75 Resp: 59051
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

