

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018238.D
 Acq On : 13 May 2024 12:57
 Operator : SY/MD
 Sample : VY0513SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:27:17 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)

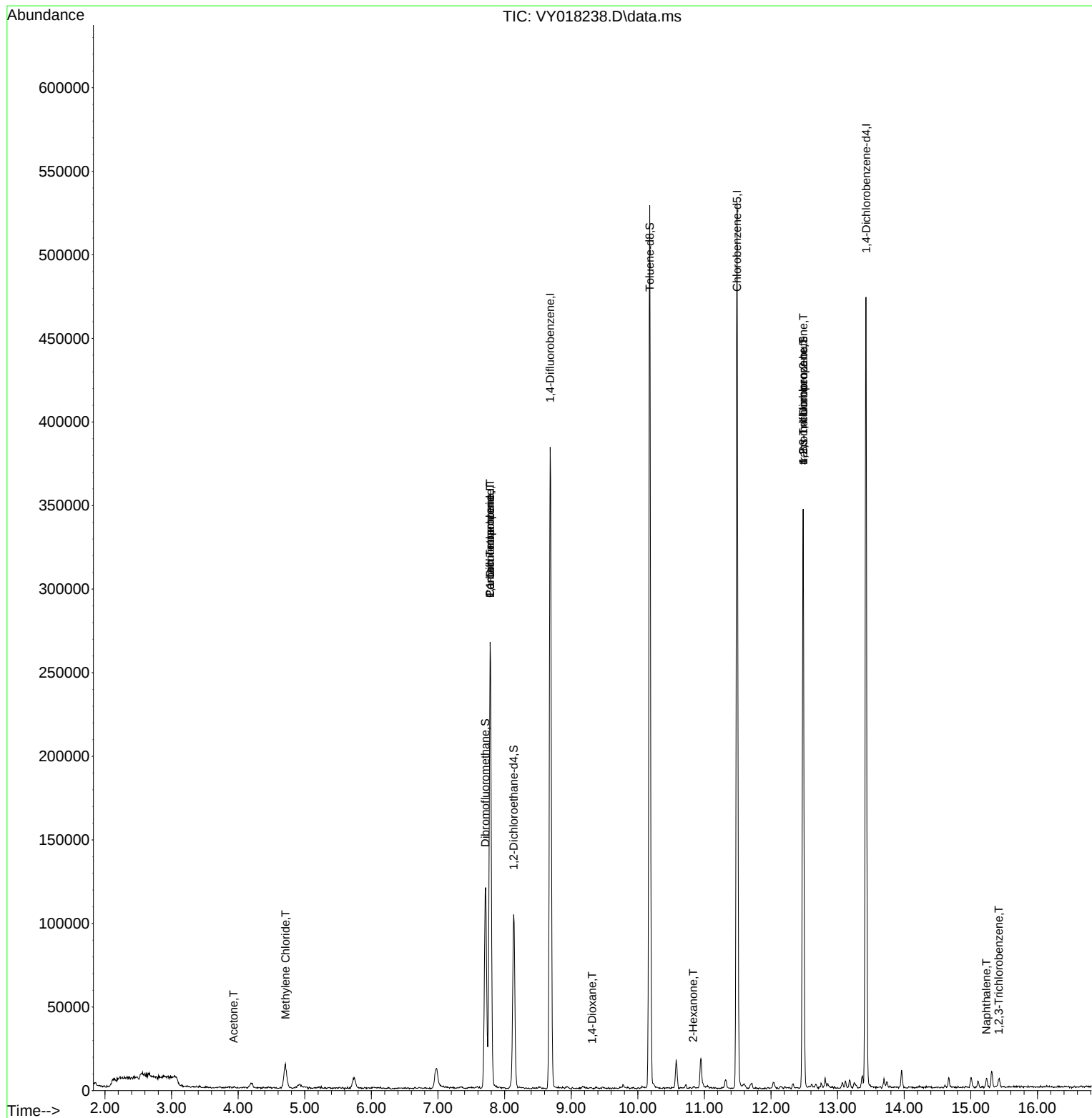
Internal Standards						
1) Pentafluorobenzene	7.783	168	212854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	74024	47.272	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.540%		
35) Dibromofluoromethane	7.710	113	86276	46.050	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.100%		
50) Toluene-d8	10.179	98	350003	47.407	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.820%		
62) 4-Bromofluorobenzene	12.483	95	104086	43.656	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.320%		
Target Compounds						
					Qvalue	
13) Acrolein	3.723	56	187	Below Cal	#	61
16) Acetone	3.930	43	609	1.949	ug/l #	36
20) Methylene Chloride	4.710	84	11181	5.062	ug/l	97
31) Cyclohexane	7.789	56	4513	Below Cal	#	11
36) 1,1-Dichloropropene	7.783	75	15059	5.607	ug/l #	48
38) Carbon Tetrachloride	7.783	117	19698	6.712	ug/l #	16
49) 1,4-Dioxane	9.313	88	22	1.526	ug/l #	20
59) 2-Hexanone	10.831	43	1167	1.433	ug/l	86
76) 1,2,3-Trichloropropane	12.483	75	53833	52.702	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53833	101.540	ug/l #	16
95) Naphthalene	15.233	128	4323	1.150	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.422	180	1761	1.046	ug/l	95

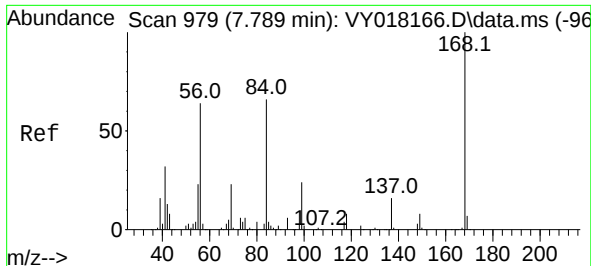
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY051324\
Data File : VY018238.D
Acq On : 13 May 2024 12:57
Operator : SY/MD
Sample : VY0513SBL01
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: May 14 02:27:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y050724S.M
Quant Title : SW846 8260
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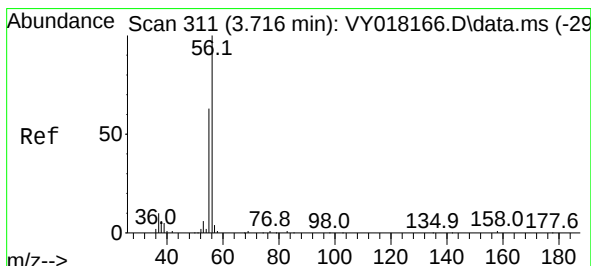
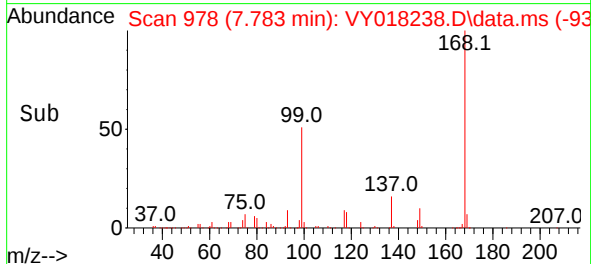
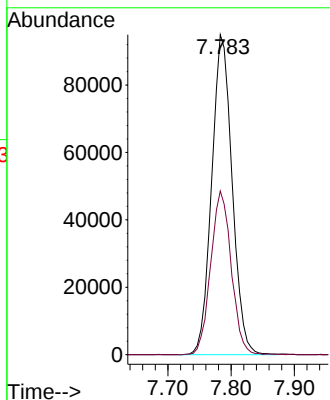
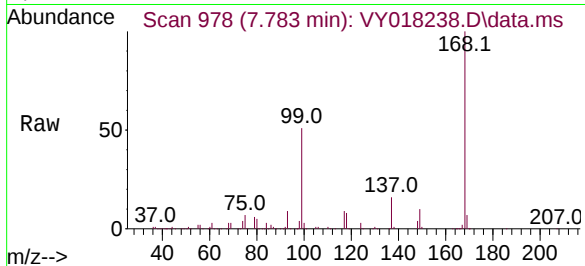




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

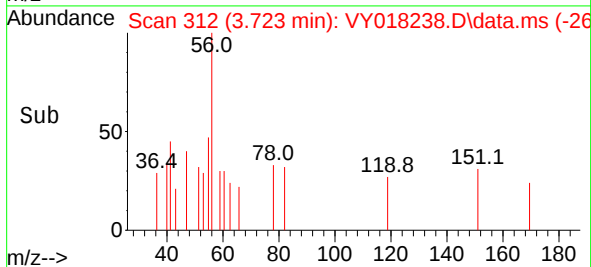
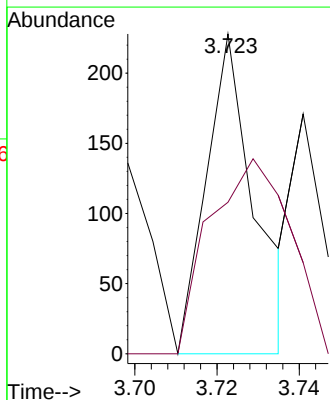
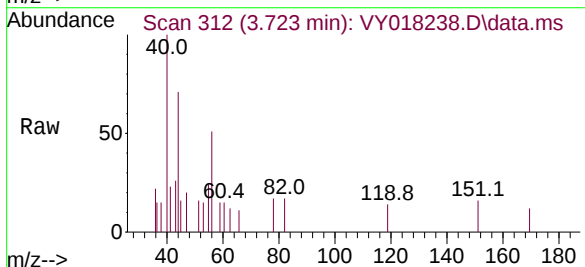
Instrument :
MSVOA_Y
ClientSampleId :

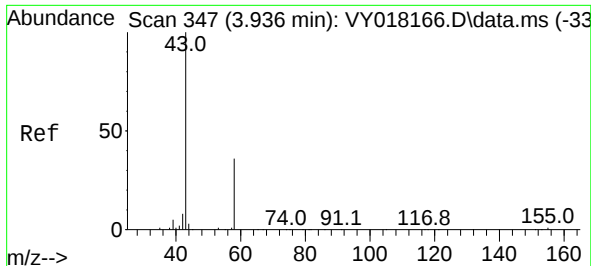
Tgt Ion:168 Resp: 212854
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. 0.007 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 101.6 55.7 83.5#

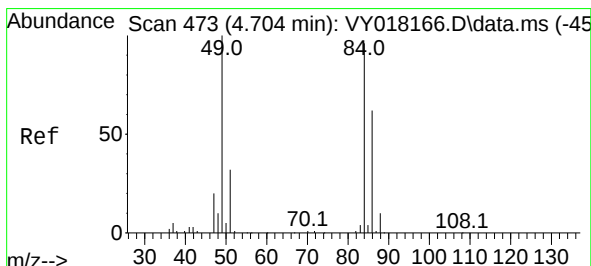
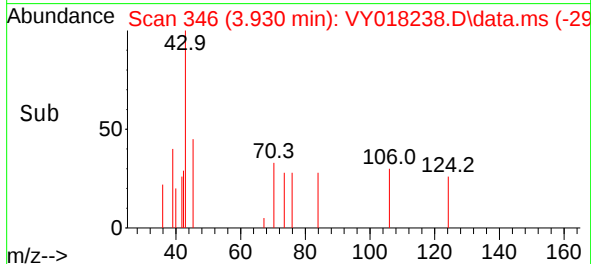
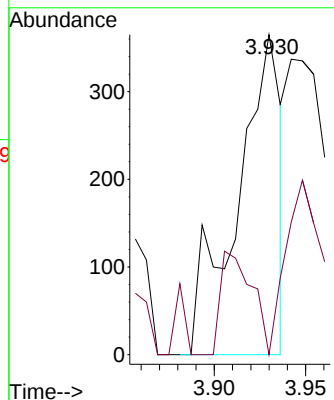
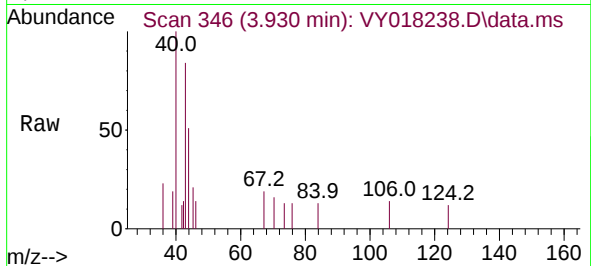




#16
Acetone
Concen: 1.949 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

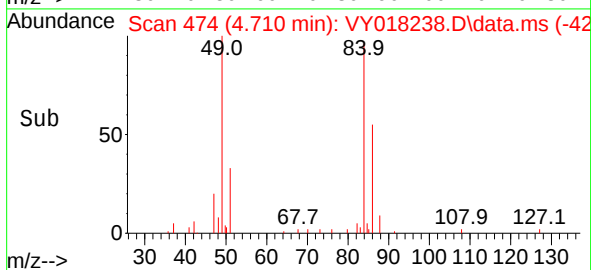
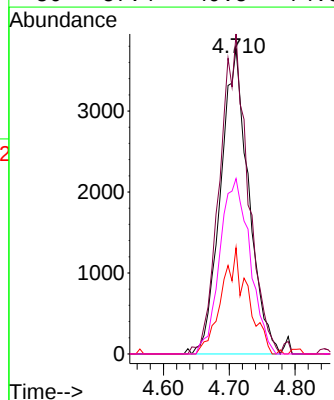
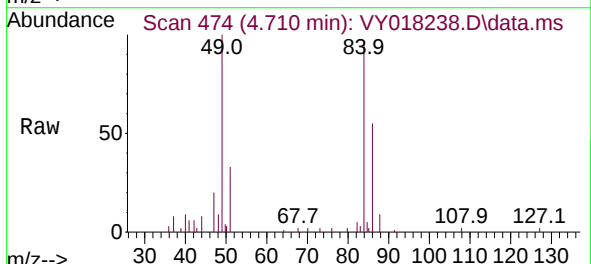
Instrument :
MSVOA_Y
ClientSampleId :

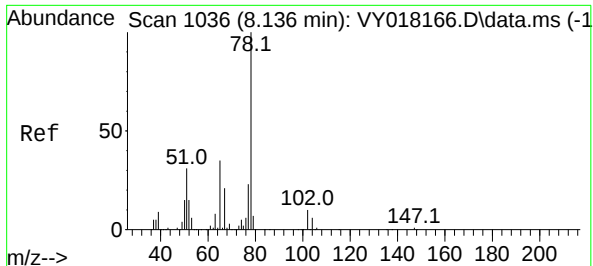
Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 5.062 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

Tgt Ion: 84 Resp: 11181
Ion Ratio Lower Upper
84 100
49 104.7 84.4 126.6
51 34.8 26.0 39.0
86 57.4 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 47.272 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018238.D

Acq: 13 May 2024 12:57

Instrument :

MSVOA_Y

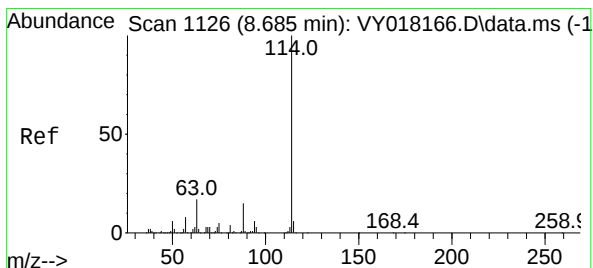
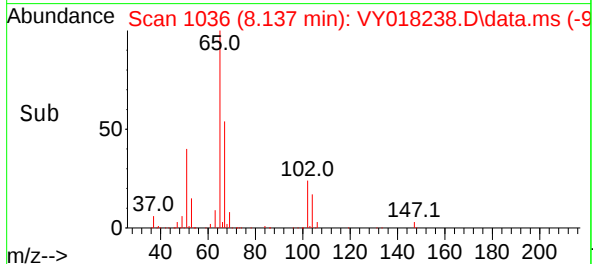
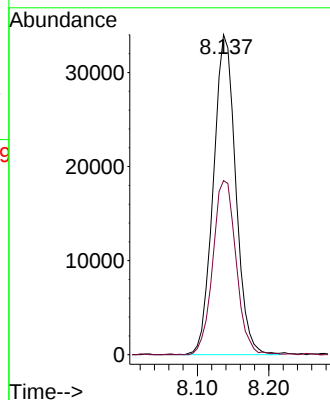
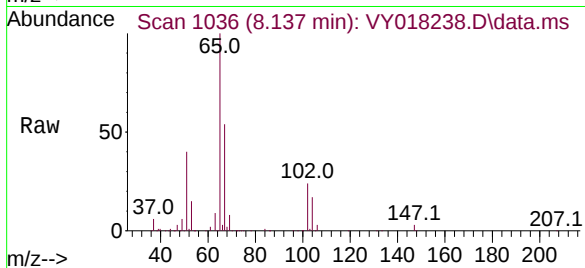
ClientSampleId :

Tgt Ion: 65 Resp: 74024

Ion Ratio Lower Upper

65 100

67 56.5 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: VY018238.D

Acq: 13 May 2024 12:57

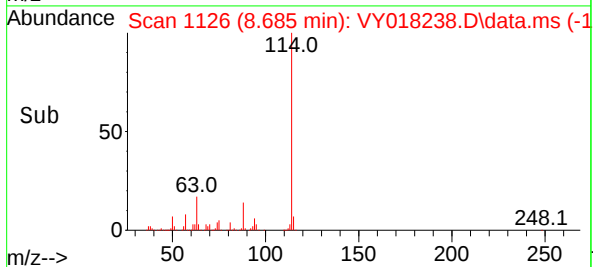
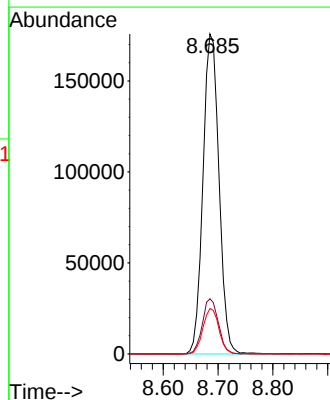
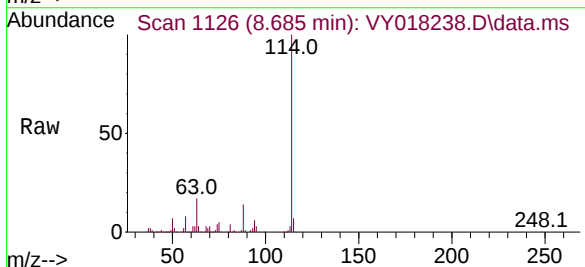
Tgt Ion:114 Resp: 356491

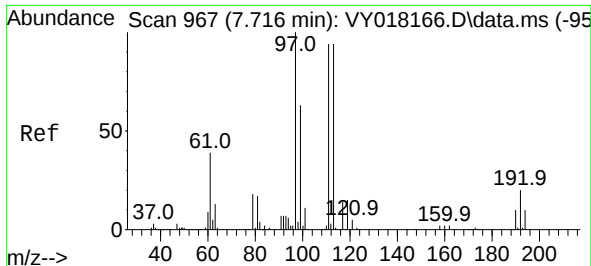
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.050 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY018238.D

Acq: 13 May 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

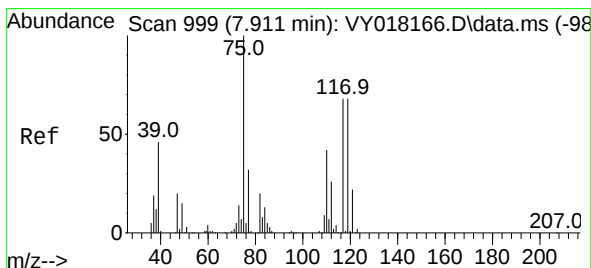
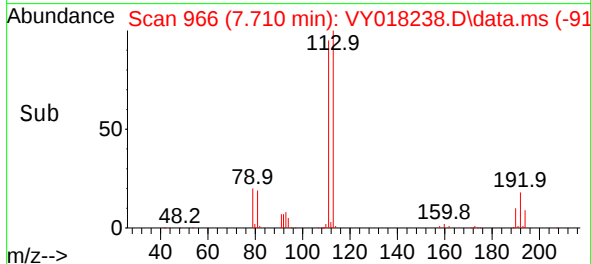
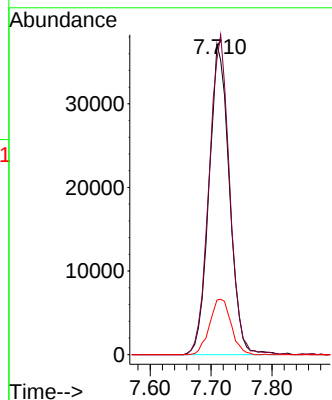
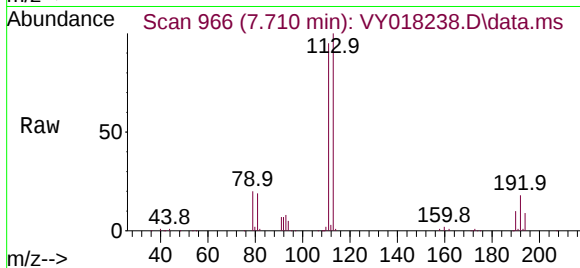
Tgt Ion:113 Resp: 86276

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 18.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.607 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY018238.D

Acq: 13 May 2024 12:57

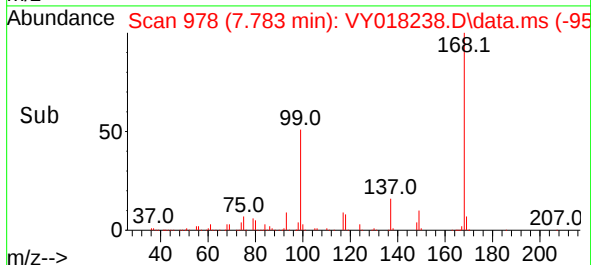
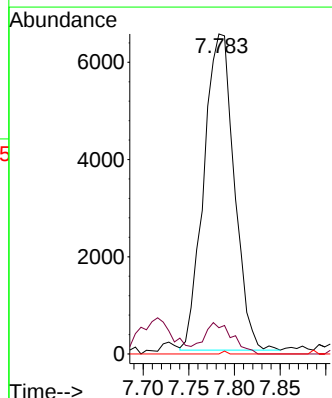
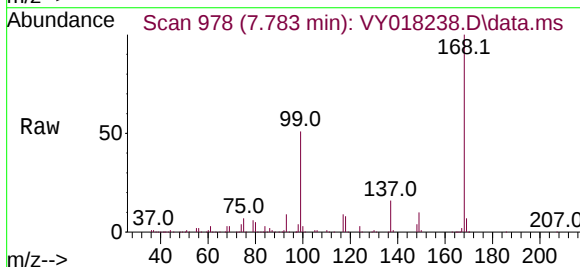
Tgt Ion: 75 Resp: 15059

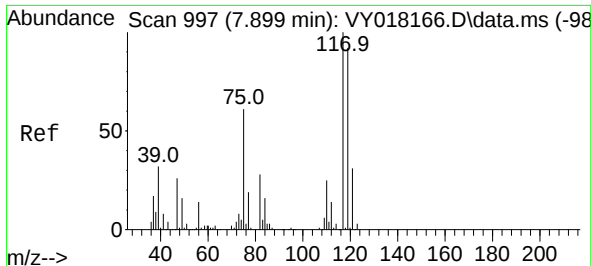
Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

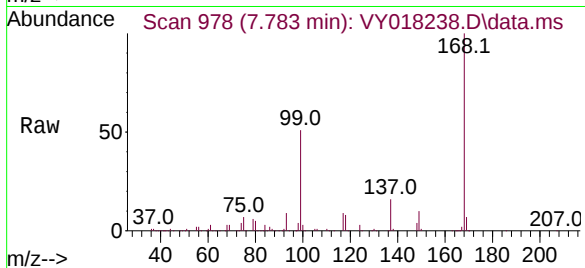
77 0.1 25.3 37.9#



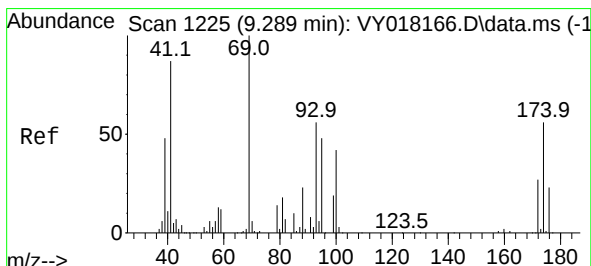
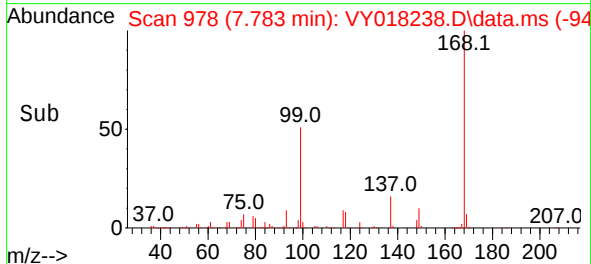
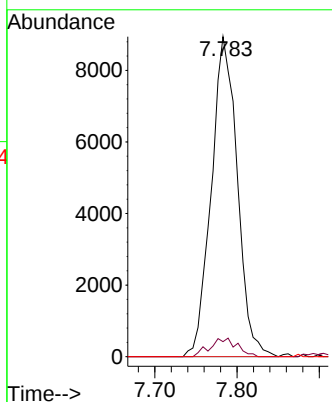


#38
Carbon Tetrachloride
Concen: 6.712 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

Instrument :
MSVOA_Y
ClientSampleId :

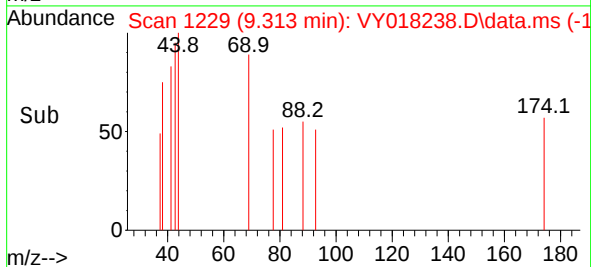
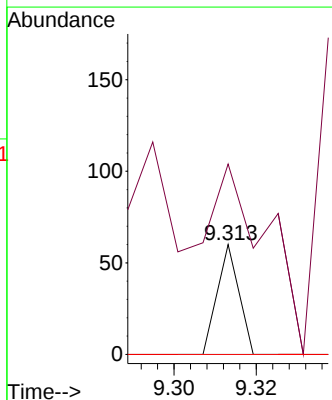
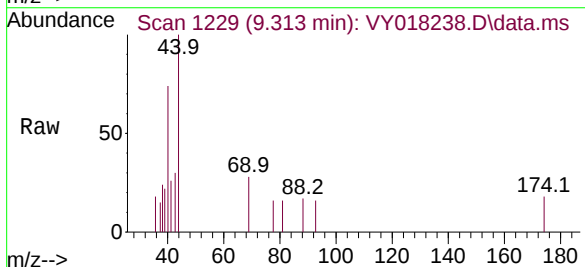


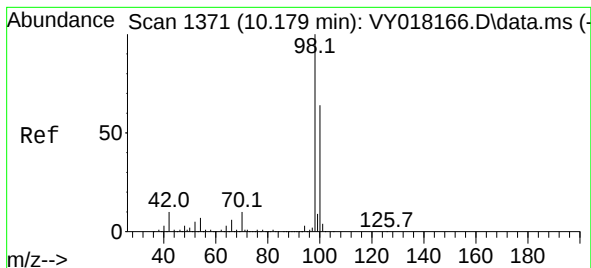
Tgt Ion:117 Resp: 19698
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.526 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.024 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 395.5 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 47.407 ug/l

RT: 10.179 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY018238.D

Acq: 13 May 2024 12:57

Instrument :

MSVOA_Y

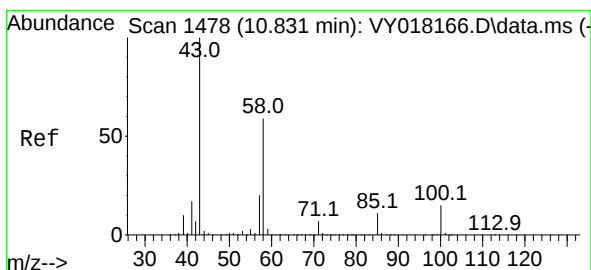
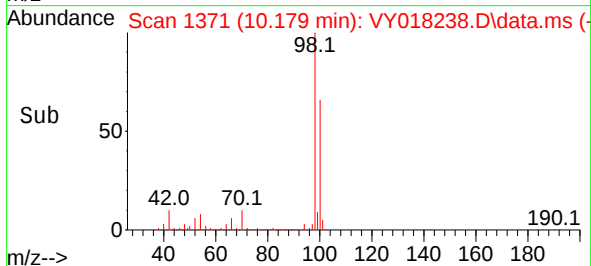
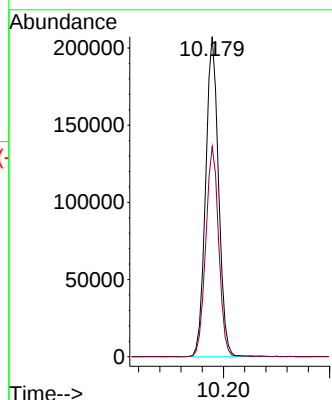
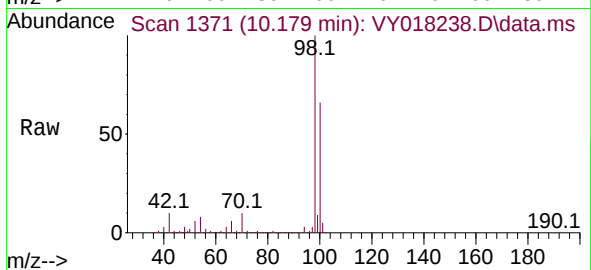
ClientSampleId :

Tgt Ion: 98 Resp: 350003

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0



#59

2-Hexanone

Concen: 1.433 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY018238.D

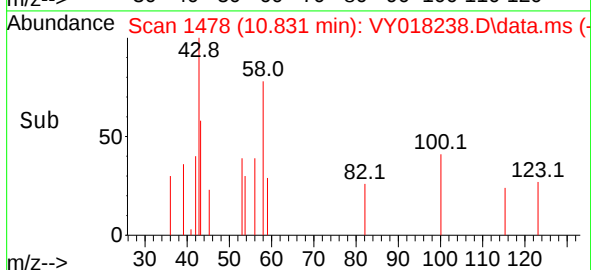
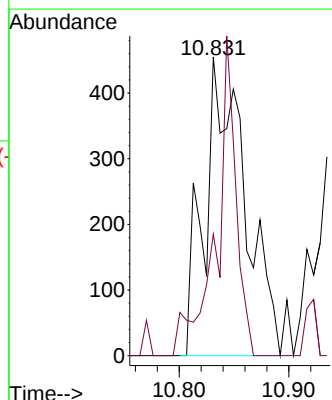
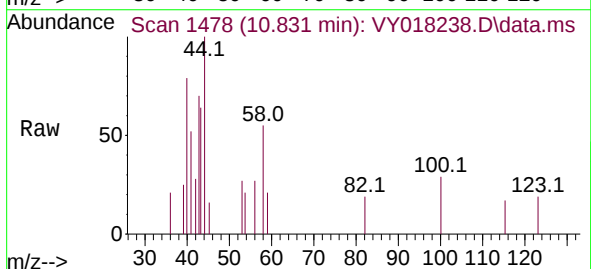
Acq: 13 May 2024 12:57

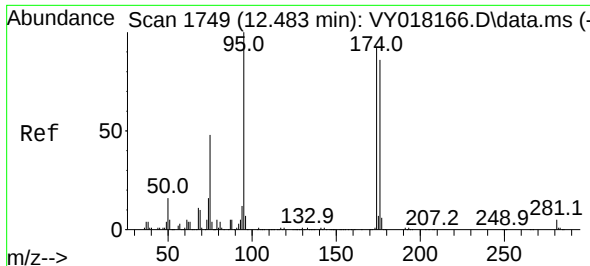
Tgt Ion: 43 Resp: 1167

Ion Ratio Lower Upper

43 100

58 52.2 31.4 94.0





#62

4-Bromofluorobenzene

Concen: 43.656 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018238.D

Acq: 13 May 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

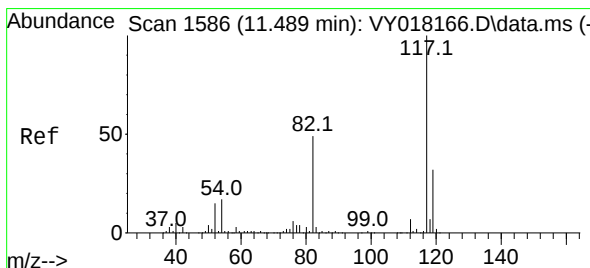
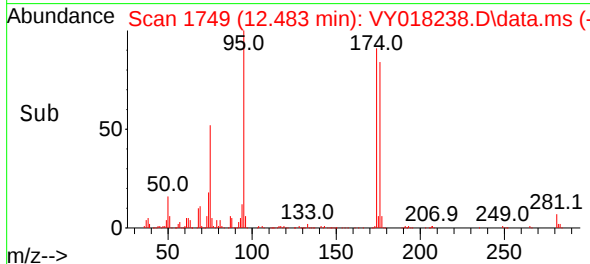
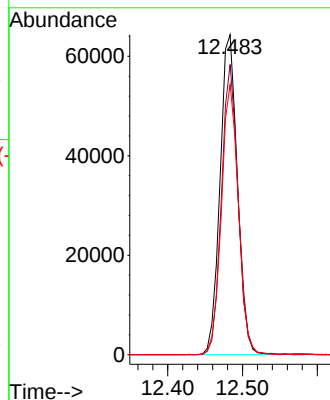
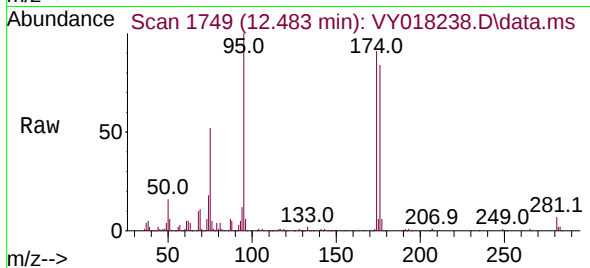
Tgt Ion: 95 Resp: 104086

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.6

176 82.7 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY018238.D

Acq: 13 May 2024 12:57

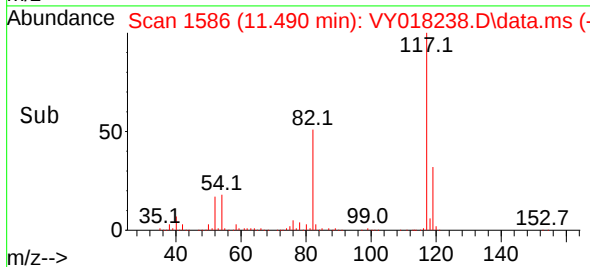
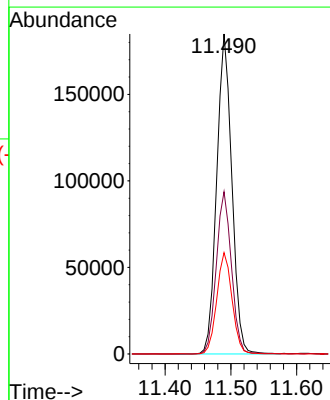
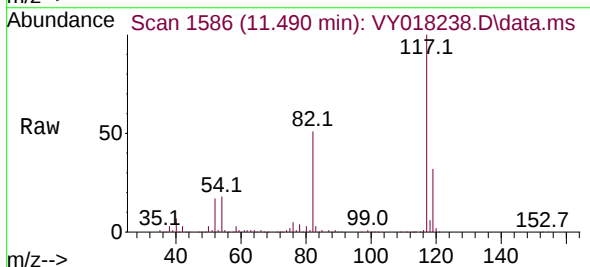
Tgt Ion: 117 Resp: 295552

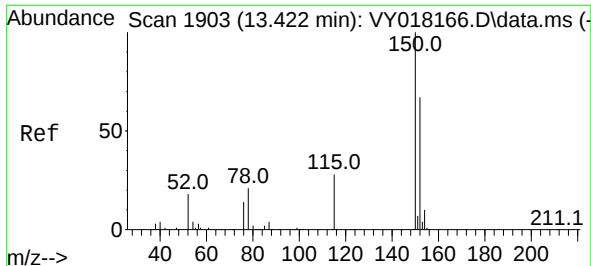
Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018238.D

Acq: 13 May 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

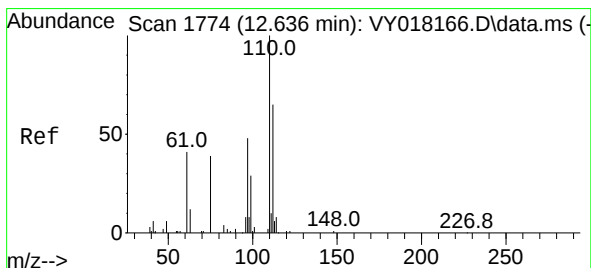
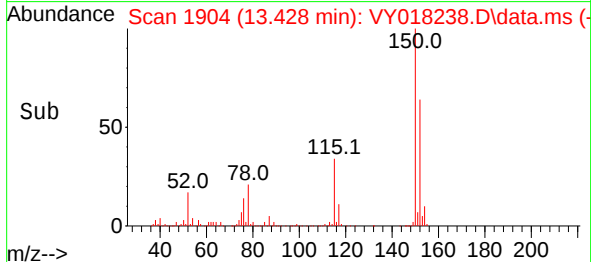
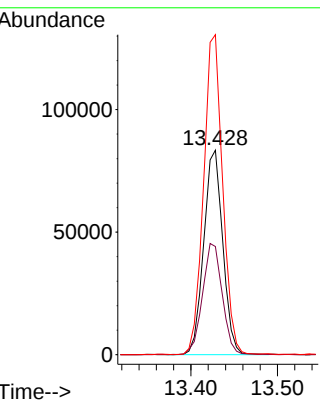
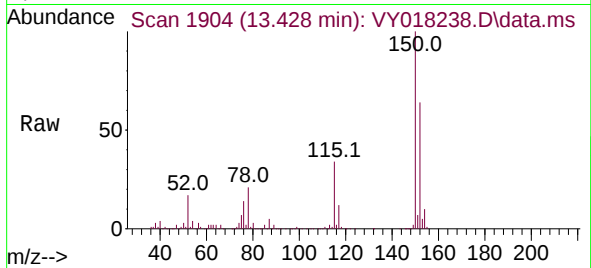
Tgt Ion:152 Resp: 127612

Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 156.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 52.702 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018238.D

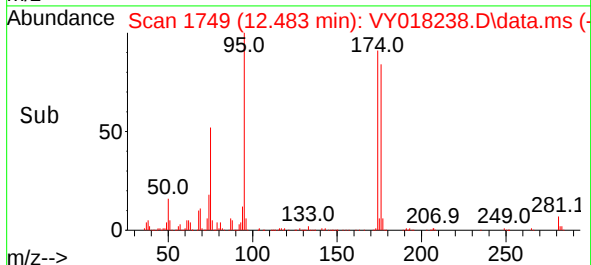
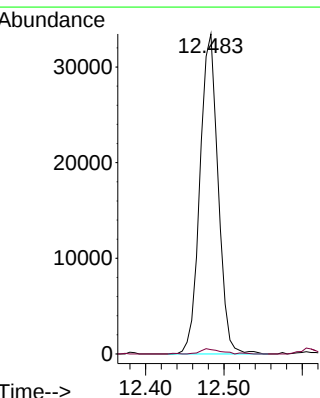
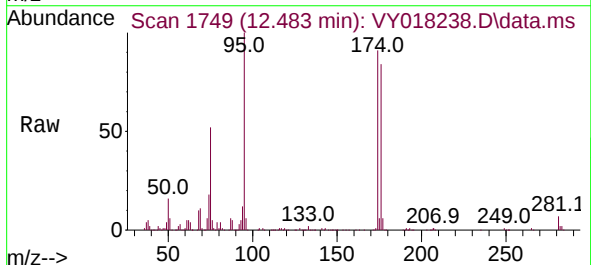
Acq: 13 May 2024 12:57

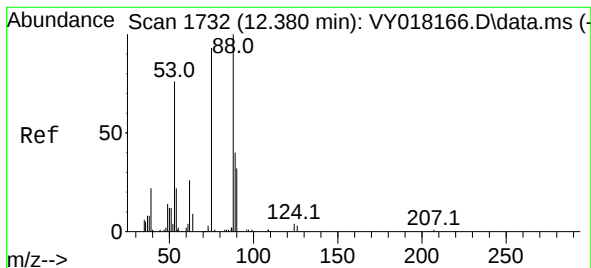
Tgt Ion: 75 Resp: 53833

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#

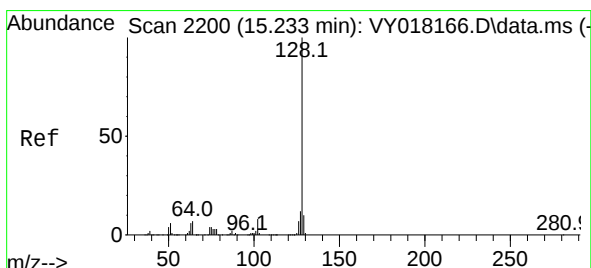
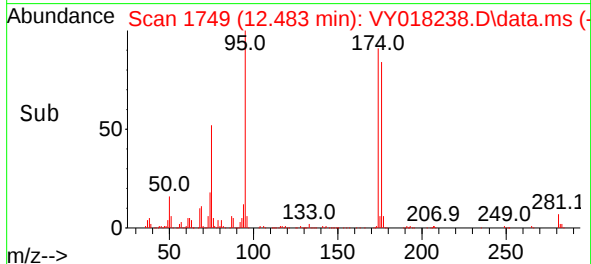
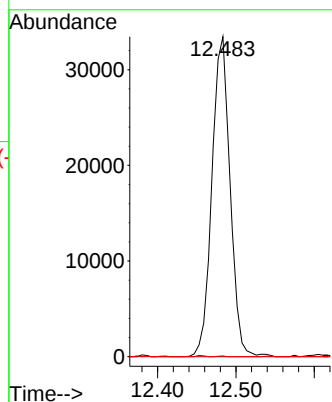
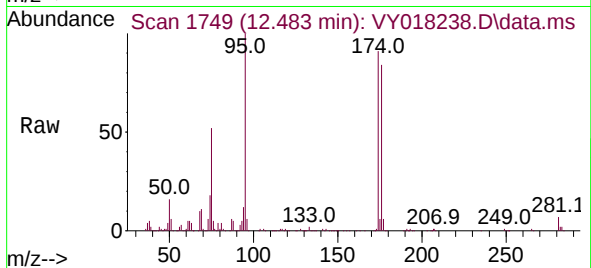




#81
trans-1,4-Dichloro-2-butene
Concen: 101.540 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

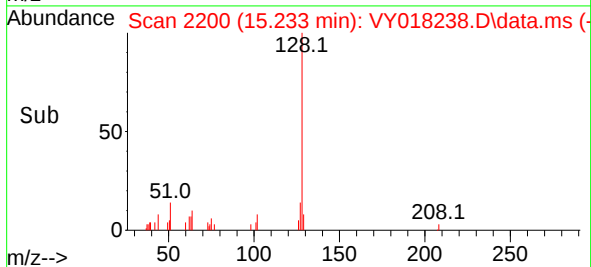
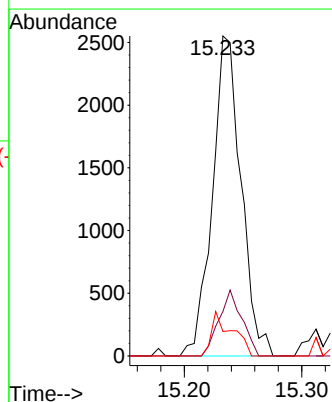
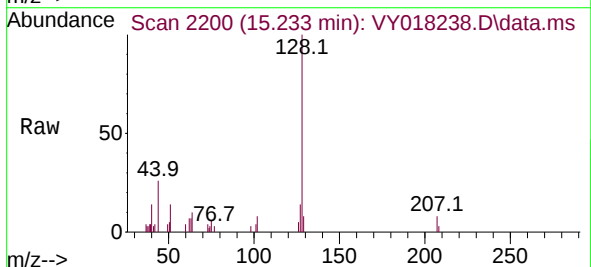
Instrument :
MSVOA_Y
ClientSampleId :

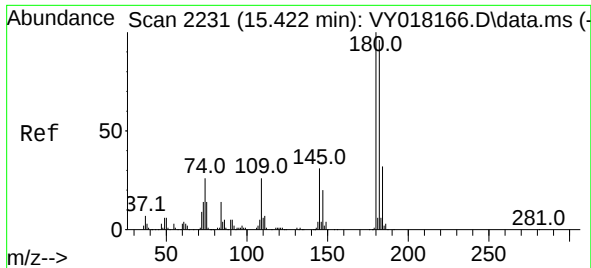
Tgt Ion: 75 Resp: 53833
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 1.150 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

Tgt Ion:128 Resp: 4323
Ion Ratio Lower Upper
128 100
127 16.5 10.6 16.0#
129 9.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.046 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018238.D
 Acq: 13 May 2024 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	47.6	142.9
145	33.9	15.4	46.1

