

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011451.D
 Acq On : 15 Nov 2022 12:35
 Operator : KP/MD
 Sample : VY1115SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBL01

Quant Time: Nov 15 15:00:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

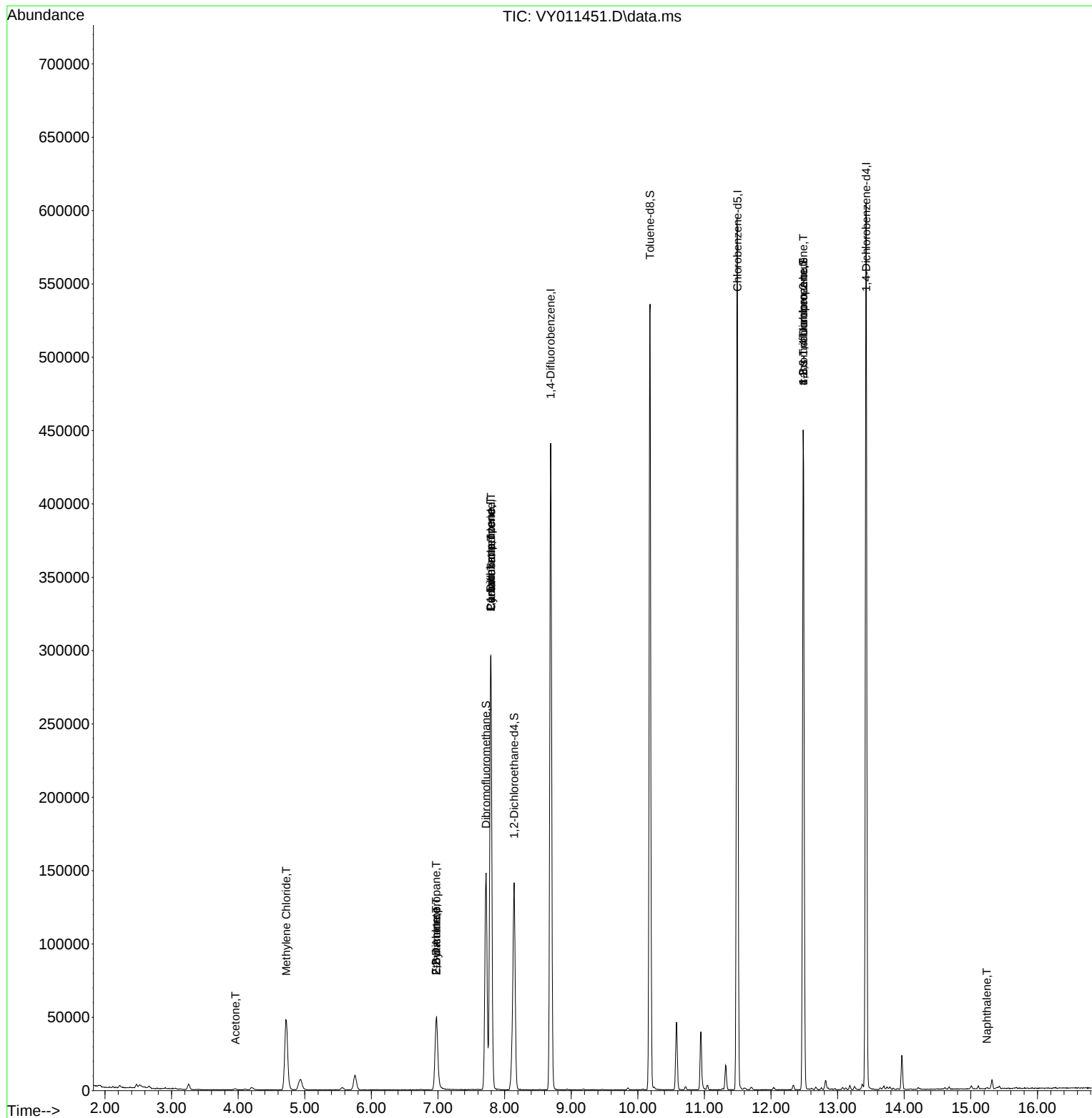
Internal Standards						
1) Pentafluorobenzene	7.795	168	245846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	357429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	99341	48.221	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.440%		
35) Dibromofluoromethane	7.722	113	107270	47.718	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.440%		
50) Toluene-d8	10.185	98	368588	42.918	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.840%		
62) 4-Bromofluorobenzene	12.483	95	126588	42.260	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	759	Below Cal		90
11) Tert butyl alcohol	4.942	59	7562	Below Cal	#	77
16) Acetone	3.960	43	1339	2.463	ug/l #	85
18) Methyl Acetate	4.722	43	313	Below Cal	#	56
20) Methylene Chloride	4.722	84	41352	7.648	ug/l #	77
25) 2-Butanone	6.972	43	2460	3.177	ug/l #	76
26) 2,2-Dichloropropane	6.972	77	3938	1.018	ug/l #	55
31) Cyclohexane	7.795	56	4258	1.150	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17215	4.934	ug/l #	51
37) Ethyl Acetate	6.972	43	2460	1.468	ug/l #	1
38) Carbon Tetrachloride	7.795	117	23554	6.206	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	60354	31.983	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60354	76.878	ug/l #	7
95) Naphthalene	15.239	128	1129	3.446	ug/l #	69

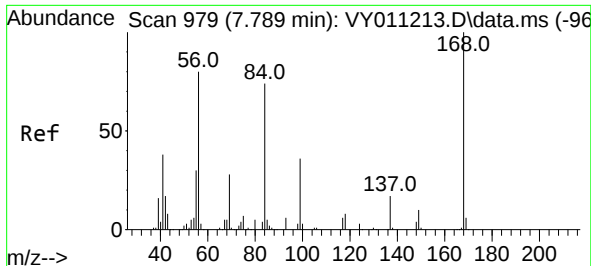
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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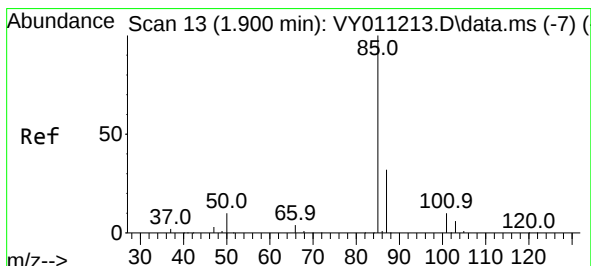
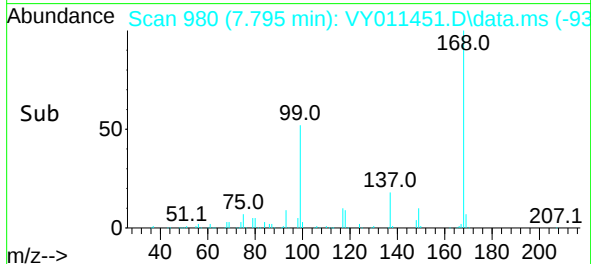
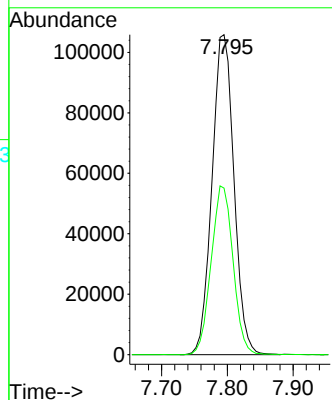
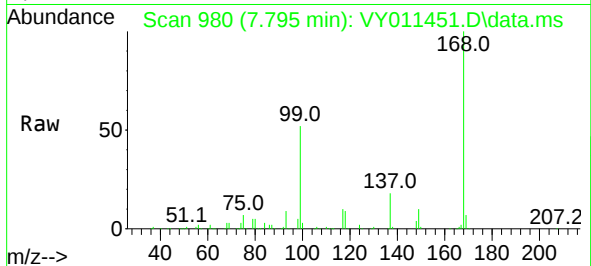




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

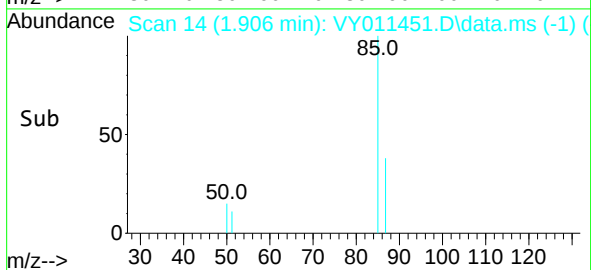
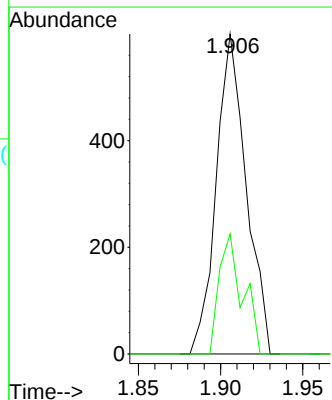
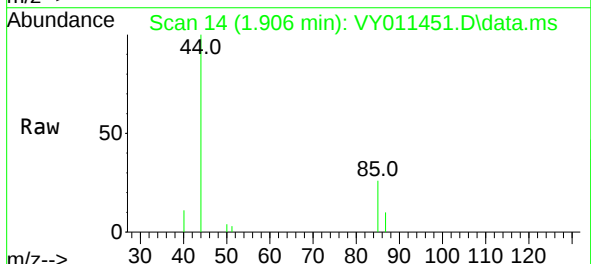
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

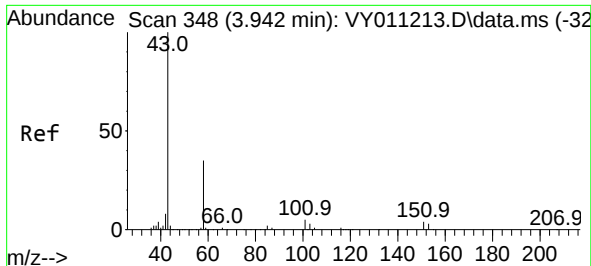
Tgt Ion:168 Resp: 245846
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 85 Resp: 759
Ion Ratio Lower Upper
85 100
87 37.5 16.1 48.2

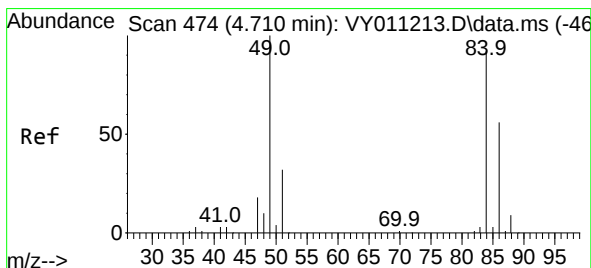
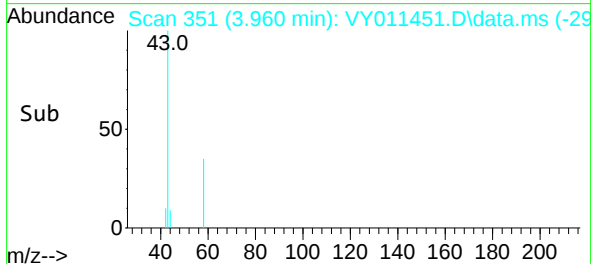
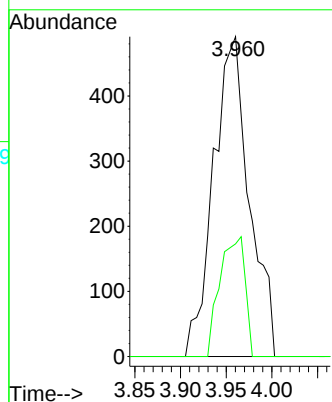
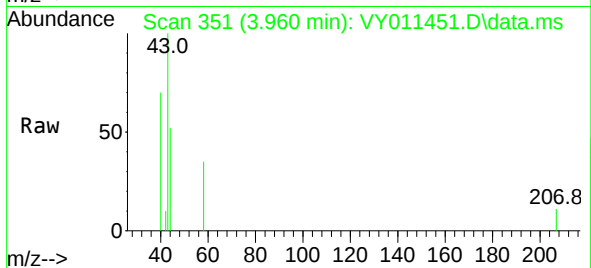




#16
Acetone
Concen: 2.463 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.018 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

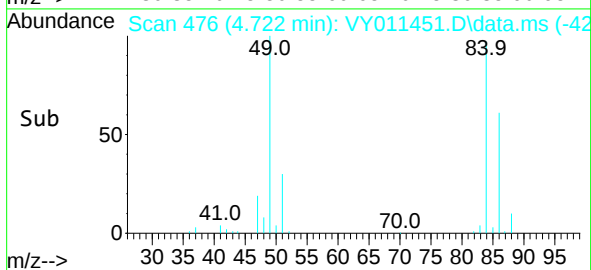
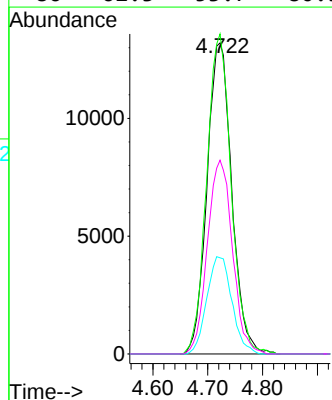
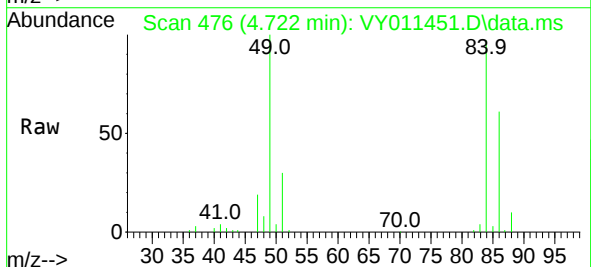
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

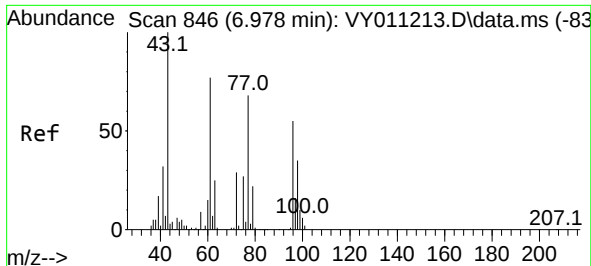
Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
58 35.2 22.0 33.0#



#20
Methylene Chloride
Concen: 7.648 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 84 Resp: 41352
Ion Ratio Lower Upper
84 100
49 102.9 114.4 171.6#
51 30.9 35.3 52.9#
86 62.3 53.7 80.5

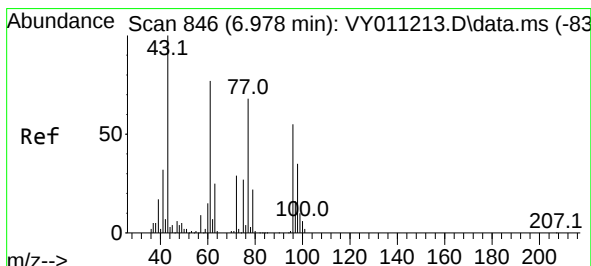
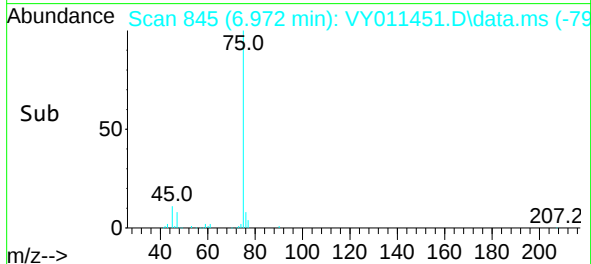
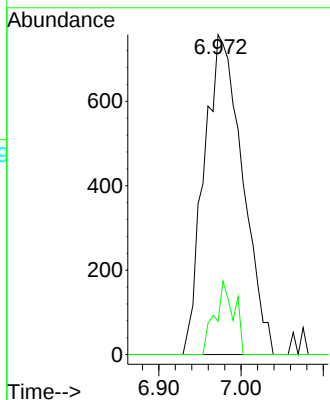
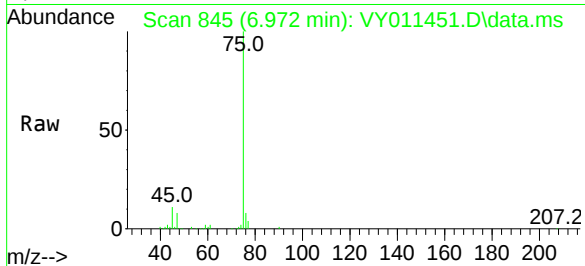




#25
2-Butanone
Concen: 3.177 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

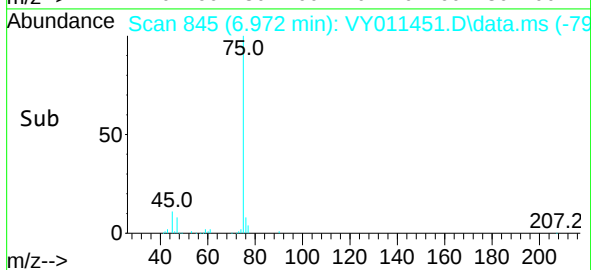
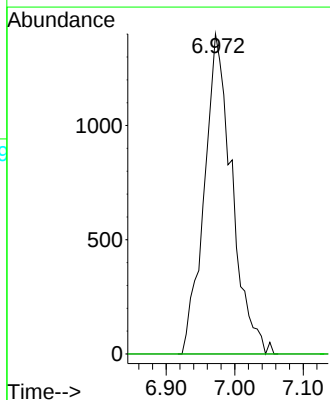
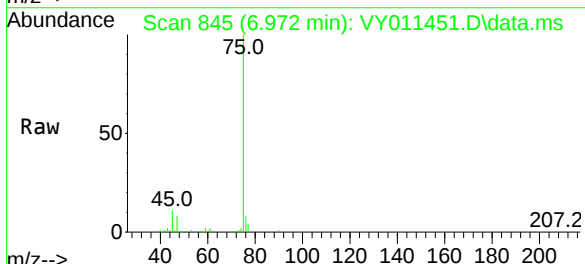
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

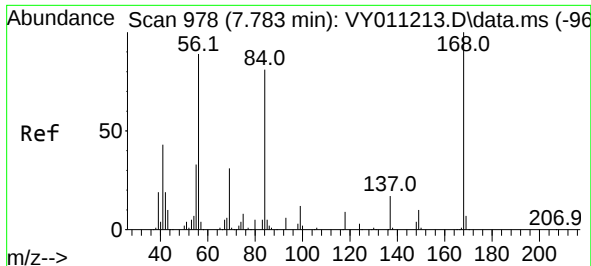
Tgt Ion: 43 Resp: 2460
Ion Ratio Lower Upper
43 100
72 10.4 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.018 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 77 Resp: 3938
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#

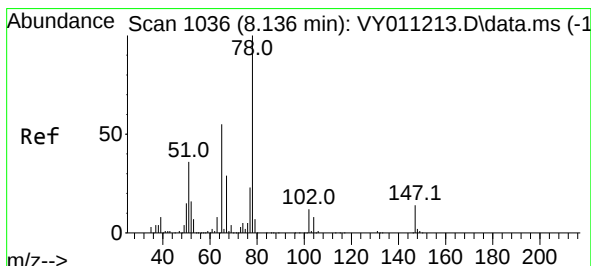
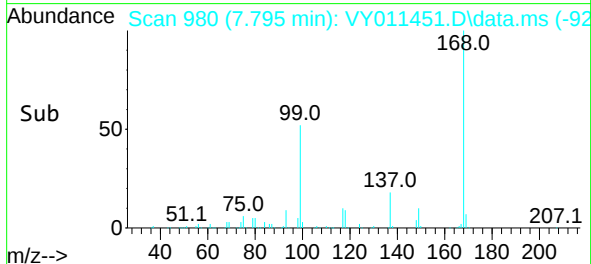
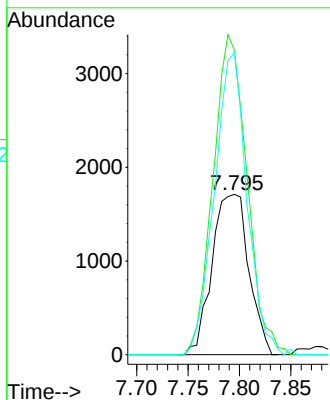
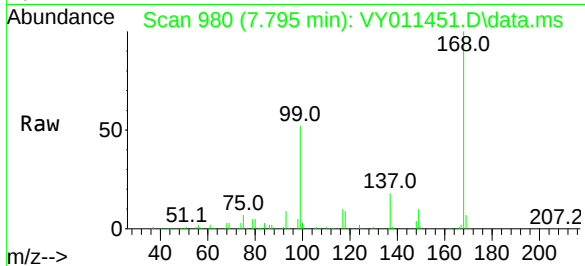




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

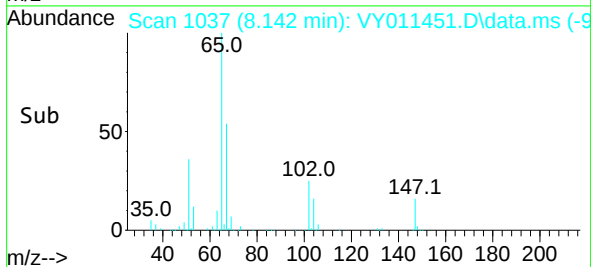
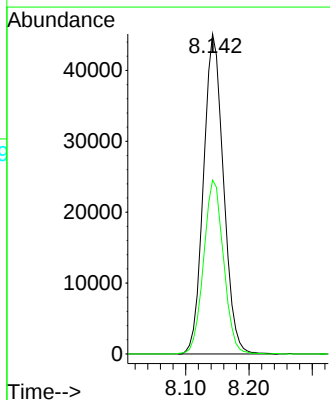
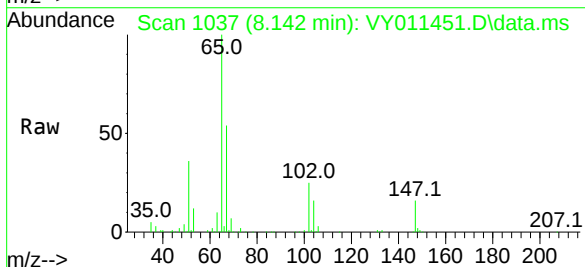
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

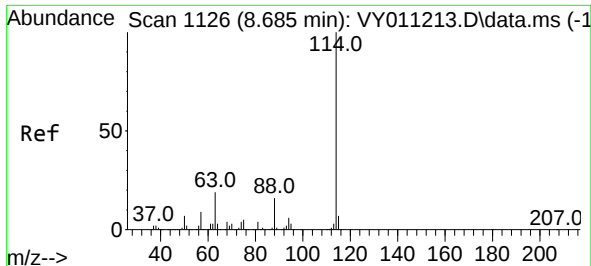
Tgt Ion: 56 Resp: 4258
Ion Ratio Lower Upper
56 100
69 190.1 26.7 40.1#
84 188.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.221 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 65 Resp: 99341
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011451.D

Acq: 15 Nov 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBL01

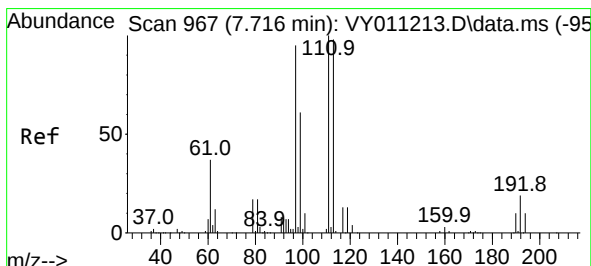
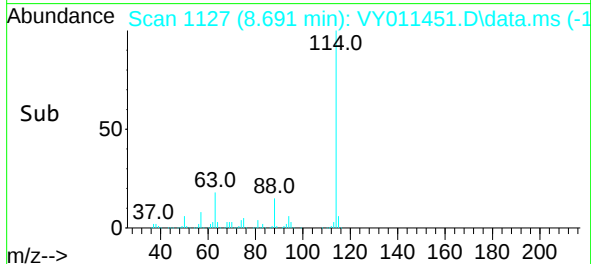
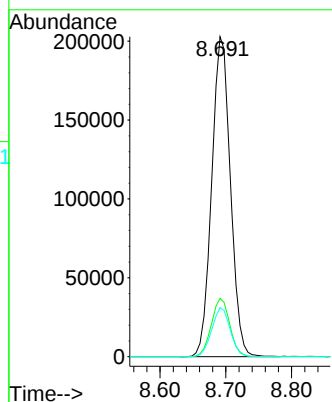
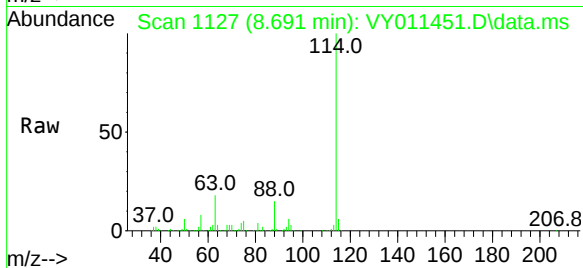
Tgt Ion:114 Resp: 401129

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.718 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY011451.D

Acq: 15 Nov 2022 12:35

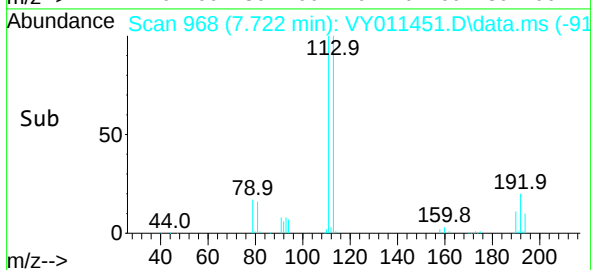
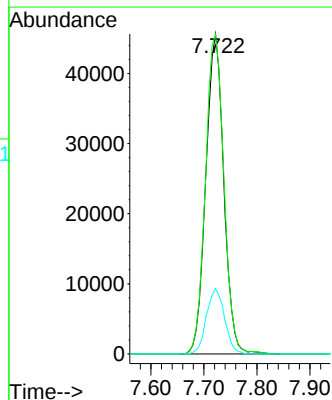
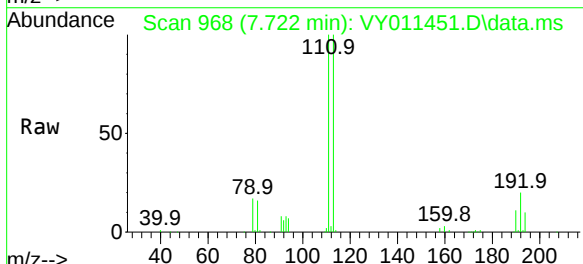
Tgt Ion:113 Resp: 107270

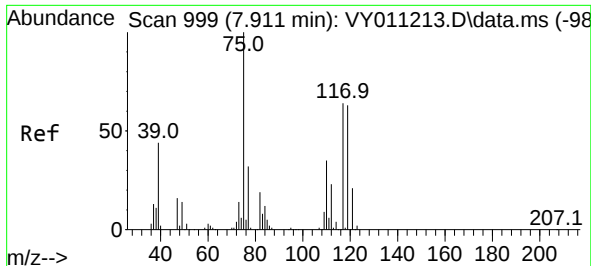
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.6 17.6 26.4

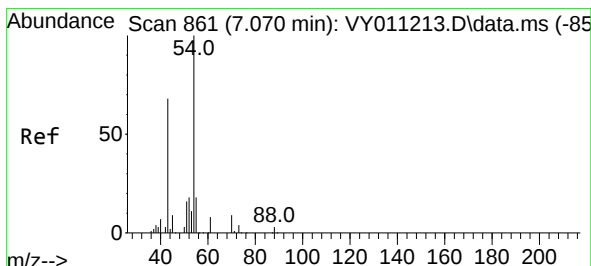
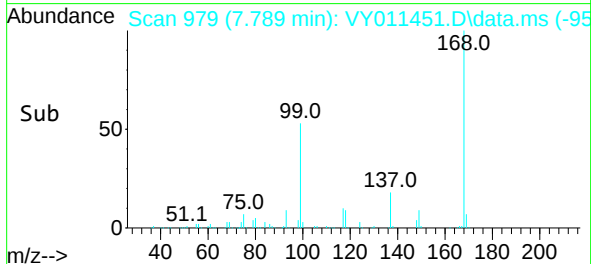
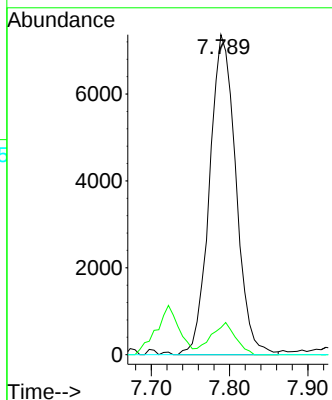
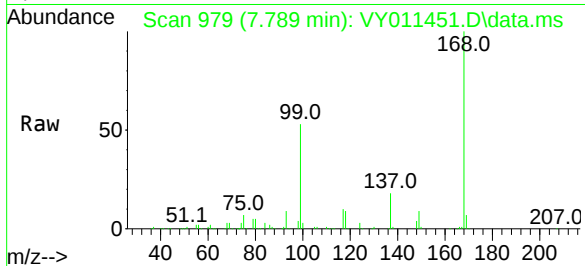




#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

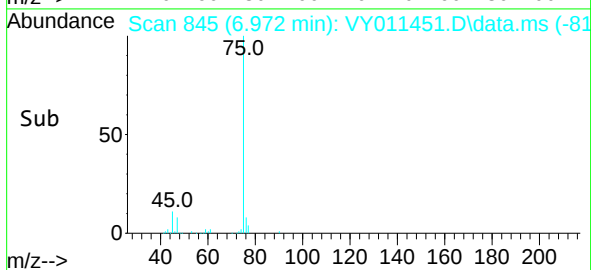
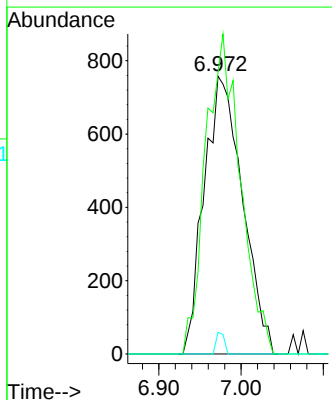
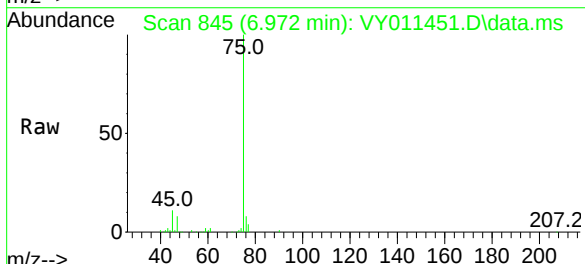
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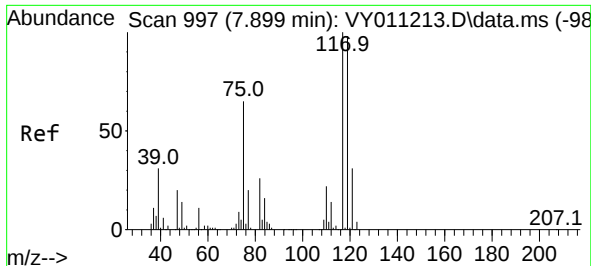
Tgt Ion: 75 Resp: 17215
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.468 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 43 Resp: 2460
Ion Ratio Lower Upper
43 100
61 104.7 9.7 14.5#
70 1.7 7.1 10.7#

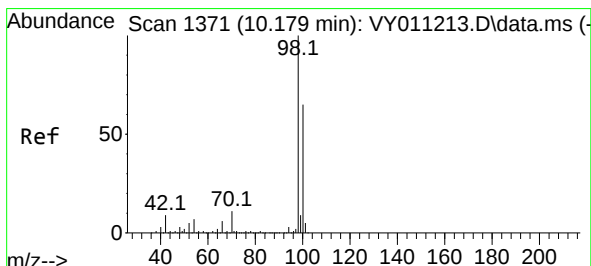
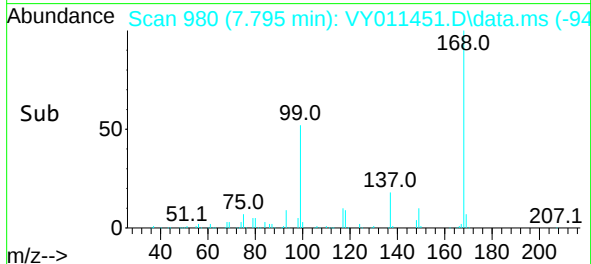
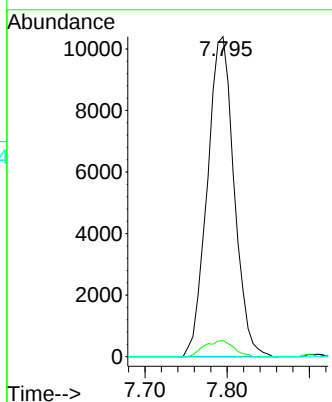
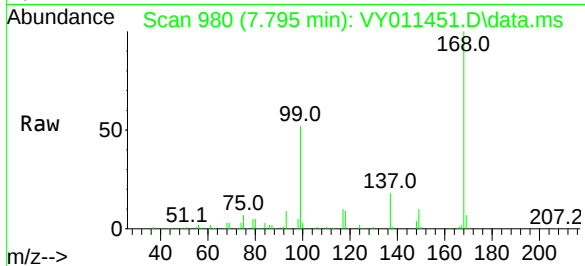




#38
Carbon Tetrachloride
Concen: 6.206 ug/l
RT: 7.795 min Scan# 997
Delta R.T. -0.104 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

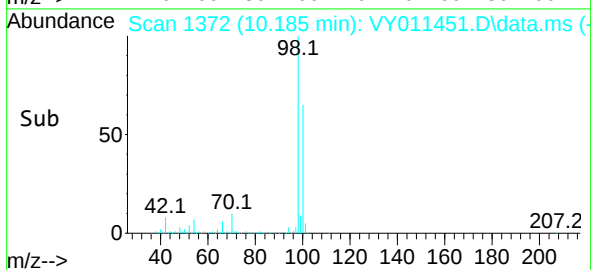
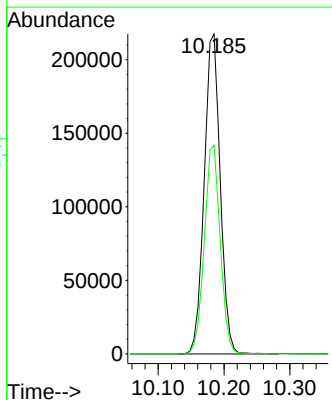
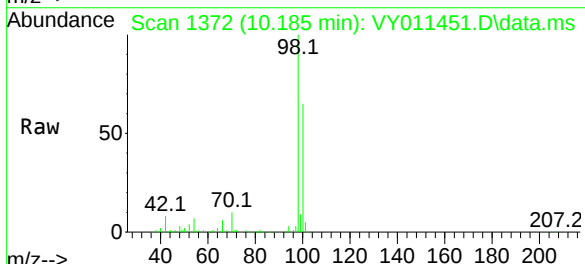
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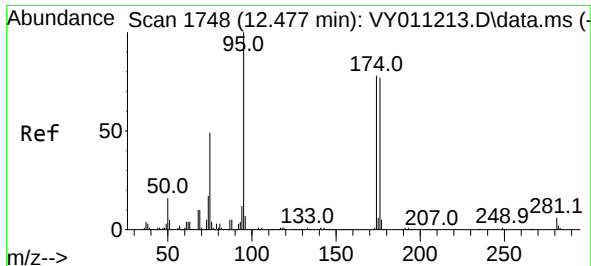
Tgt Ion:117 Resp: 23554
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 42.918 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 98 Resp: 368588
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

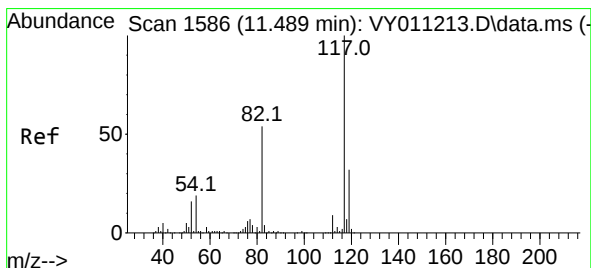
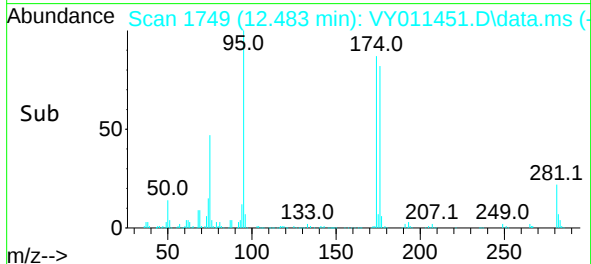
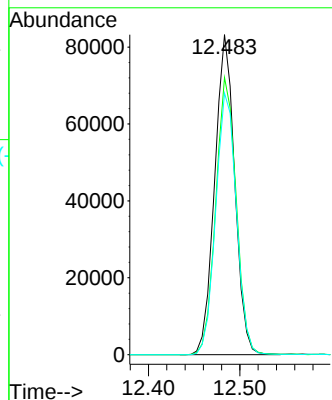
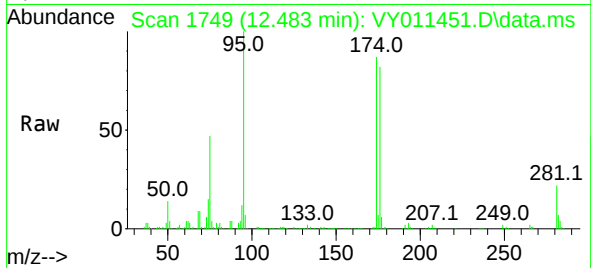




#62
4-Bromofluorobenzene
Concen: 42.260 ug/l
RT: 12.483 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

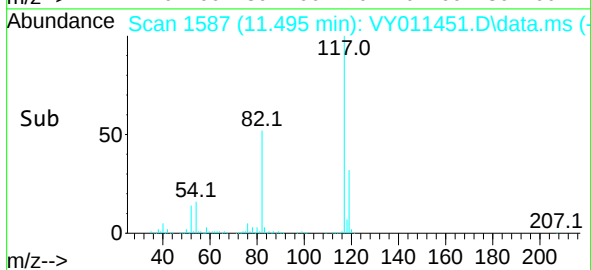
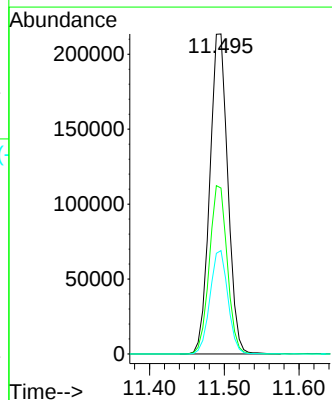
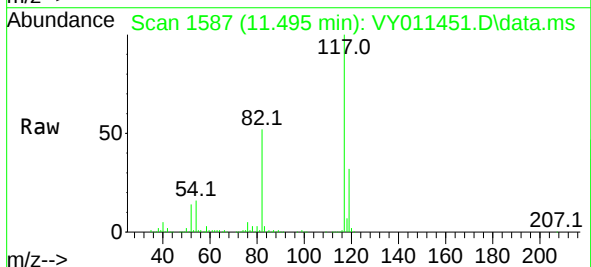
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

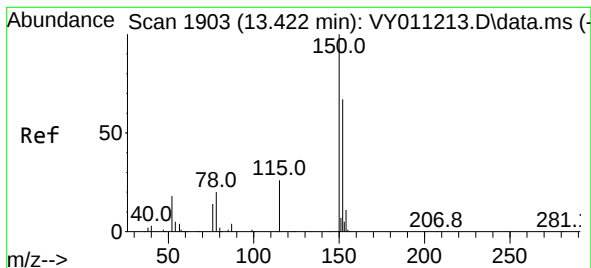
Tgt Ion: 95 Resp: 126588
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 84.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.005 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 117 Resp: 357429
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY011451.D

Acq: 15 Nov 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBL01

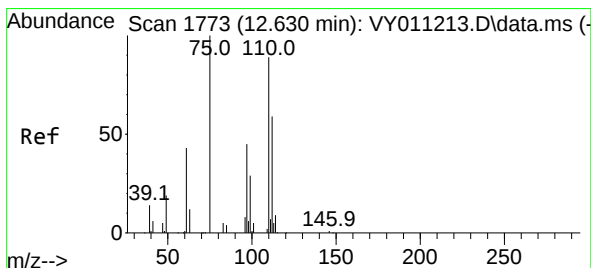
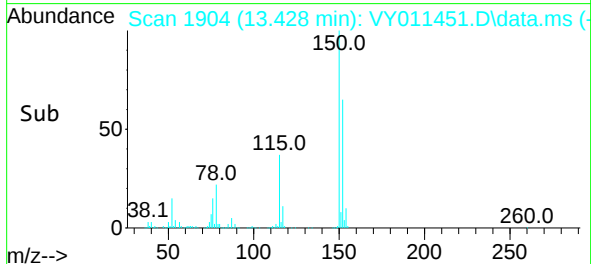
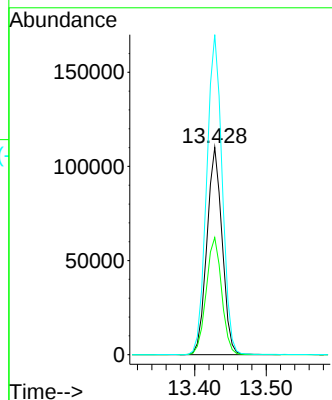
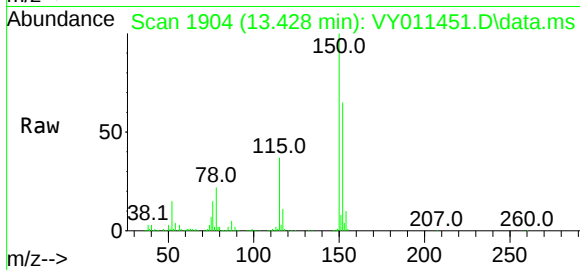
Tgt Ion:152 Resp: 163024

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 157.2 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 31.983 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY011451.D

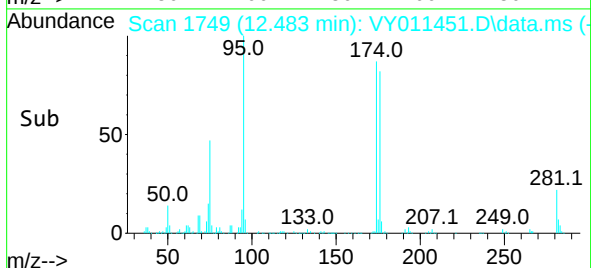
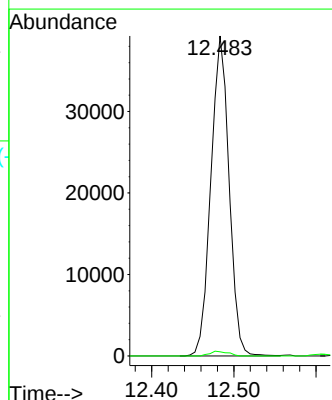
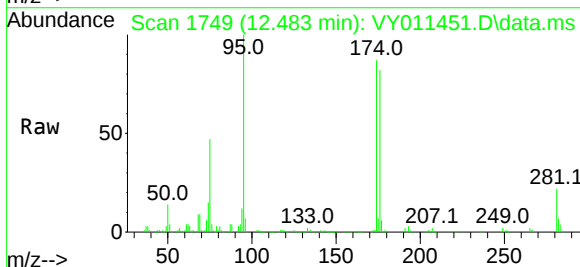
Acq: 15 Nov 2022 12:35

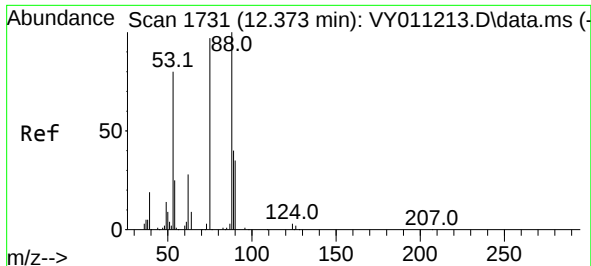
Tgt Ion: 75 Resp: 60354

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

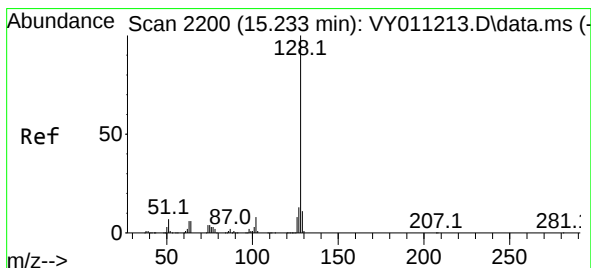
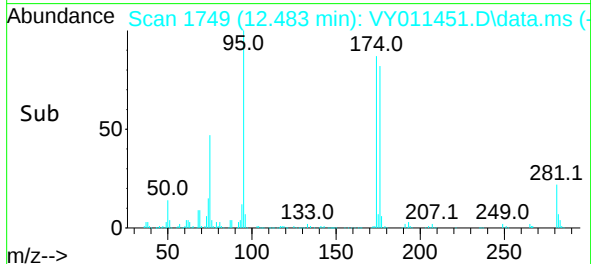
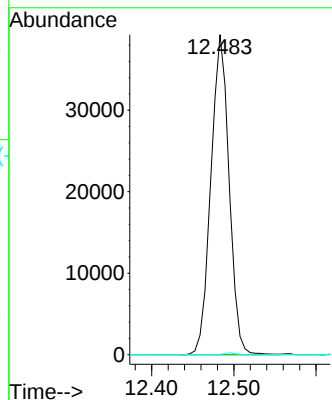
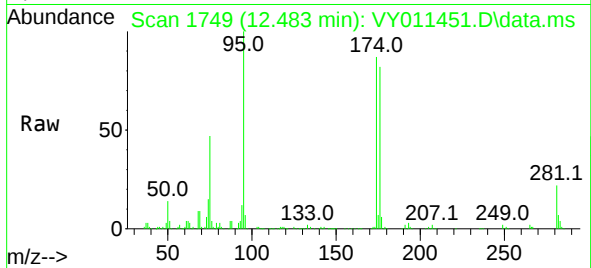




#81
trans-1,4-Dichloro-2-butene
Concen: 76.878 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

Tgt Ion: 75 Resp: 60354
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#



#95
Naphthalene
Concen: 3.446 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011451.D
Acq: 15 Nov 2022 12:35

Tgt Ion: 128 Resp: 1129
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

