

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011573.D
 Acq On : 23 Nov 2022 14:24
 Operator : KP/MD
 Sample : N5766-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:38:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

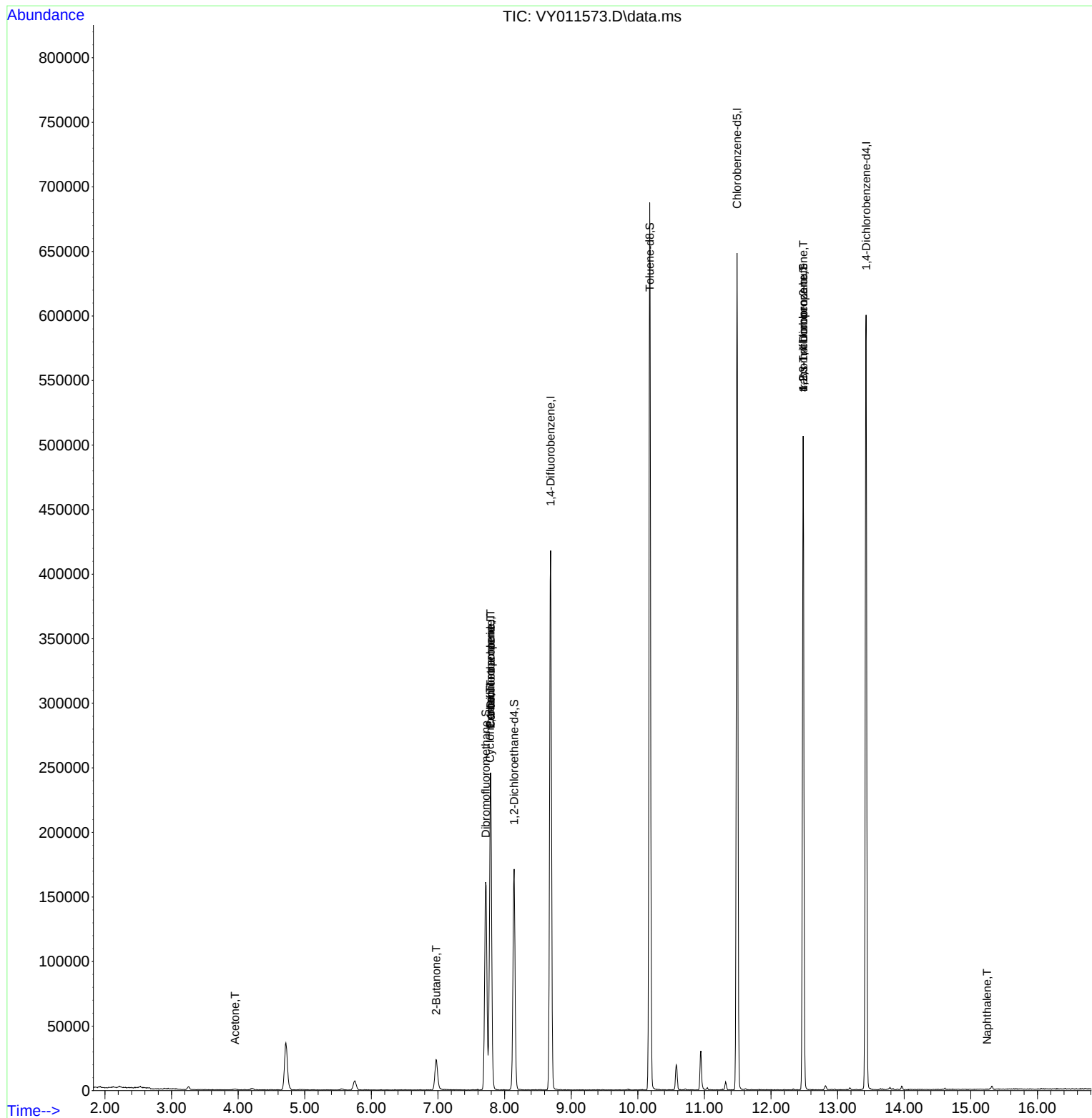
Internal Standards						
1) Pentafluorobenzene	7.789	168	183049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	349809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	341353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129981	69.932	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.860%			
35) Dibromofluoromethane	7.716	113	115076	53.439	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.880%			
50) Toluene-d8	10.179	98	435831	55.695	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.400%			
62) 4-Bromofluorobenzene	12.483	95	141481	48.901	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	301	Below Cal		78
3) Chloromethane	2.107	50	268	Below Cal	#	74
5) Bromomethane	2.662	94	159	Below Cal	#	70
11) Tert butyl alcohol	4.942	59	730	Below Cal	#	77
16) Acetone	3.954	43	1473	2.440 ug/l	#	84
18) Methyl Acetate	4.479	43	137	Below Cal	#	56
25) 2-Butanone	6.972	43	1236	1.558 ug/l	#	54
31) Cyclohexane	7.783	56	4030	1.308 ug/l	#	1
36) 1,1-Dichloropropene	7.789	75	14812	4.400 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	18540	4.923 ug/l	#	16
76) 1,2,3-Trichloropropane	12.483	75	76128	47.022 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76128	102.994 ug/l	#	7
95) Naphthalene	15.245	128	227	4.059 ug/l	#	69

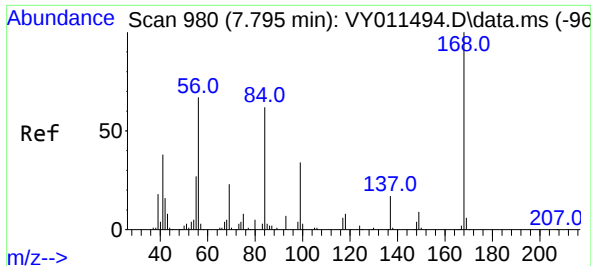
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
Data File : VY011573.D
Acq On : 23 Nov 2022 14:24
Operator : KP/MD
Sample : N5766-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 24 00:38:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

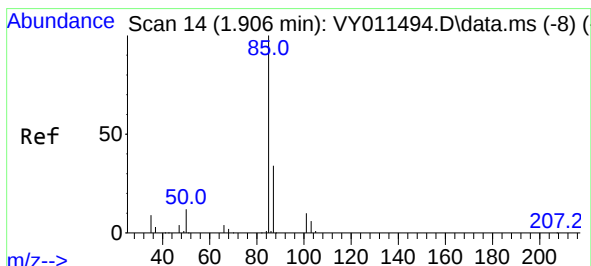
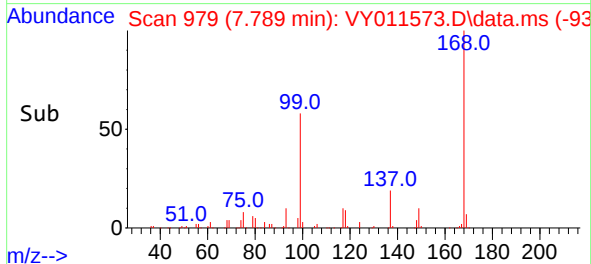
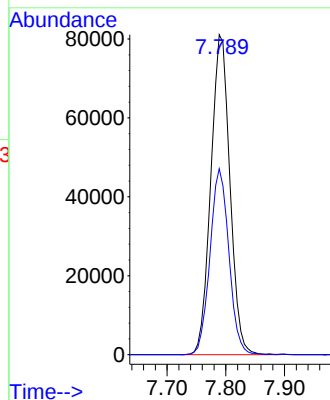
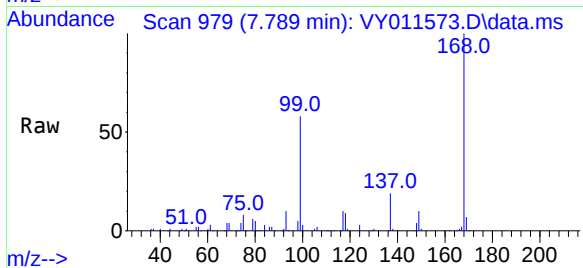




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

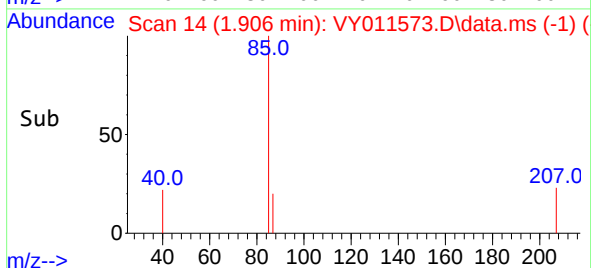
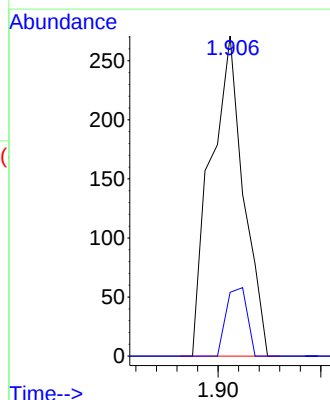
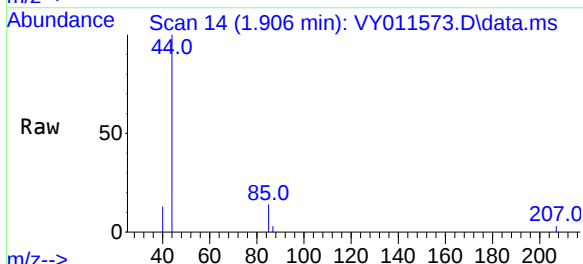
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 183049
Ion Ratio Lower Upper
168 100
99 58.1 46.9 70.3

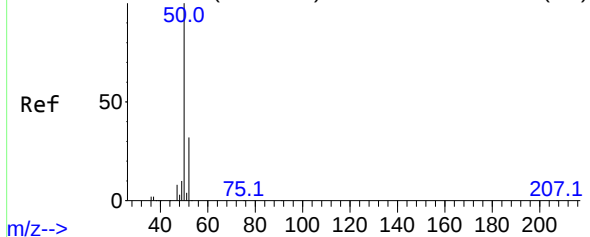


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Tgt Ion: 85 Resp: 301
Ion Ratio Lower Upper
85 100
87 19.9 16.1 48.2



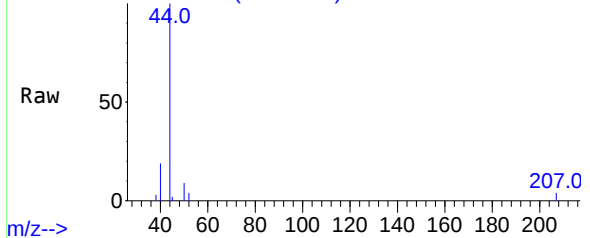
Abundance Scan 49 (2.119 min): VY011494.D\data.ms (-41)



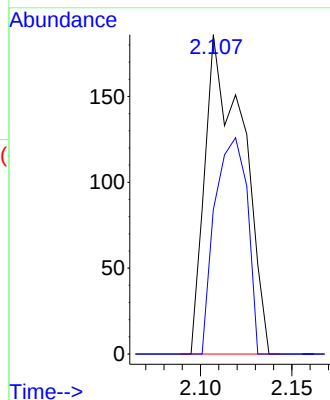
#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Instrument :
MSVOA_Y
ClientSampleId :

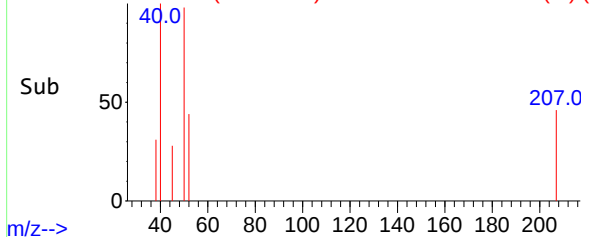
Abundance Scan 47 (2.107 min): VY011573.D\data.ms



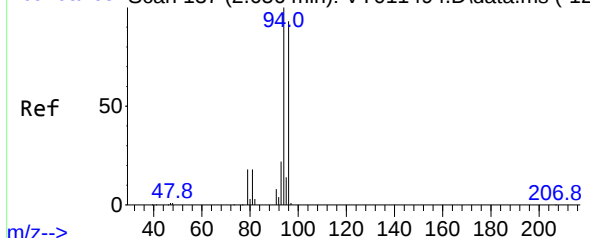
Tgt Ion: 50 Resp: 268
Ion Ratio Lower Upper
50 100
52 45.2 24.6 37.0#



Abundance Scan 47 (2.107 min): VY011573.D\data.ms (-1)



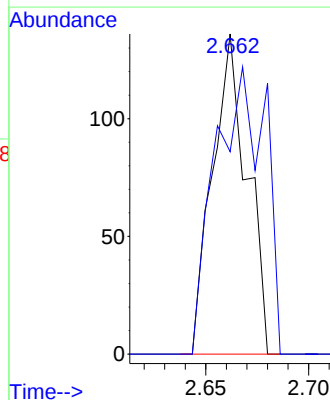
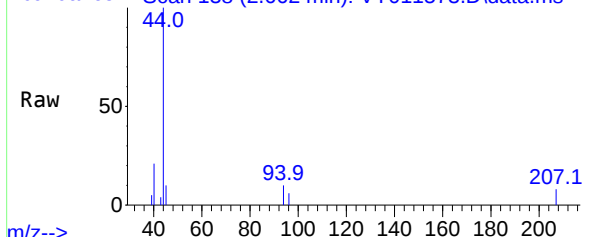
Abundance Scan 137 (2.656 min): VY011494.D\data.ms (-12)



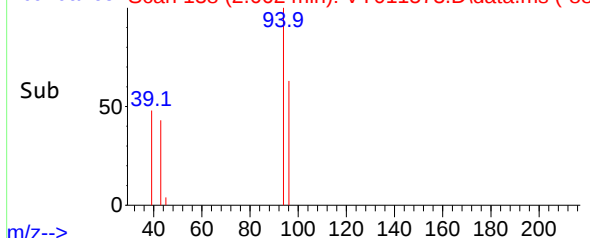
#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

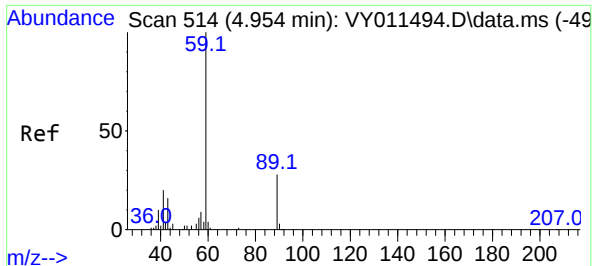
Tgt Ion: 94 Resp: 159
Ion Ratio Lower Upper
94 100
96 63.2 73.5 110.3#

Abundance Scan 138 (2.662 min): VY011573.D\data.ms



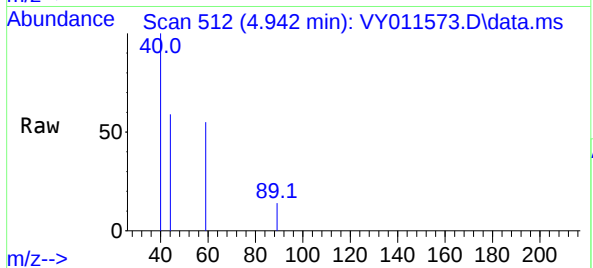
Abundance Scan 138 (2.662 min): VY011573.D\data.ms (-88)



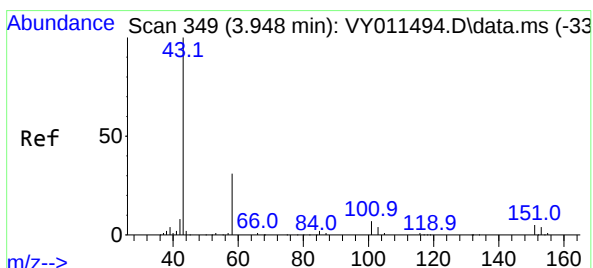
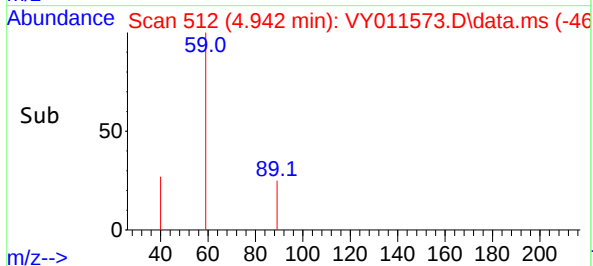
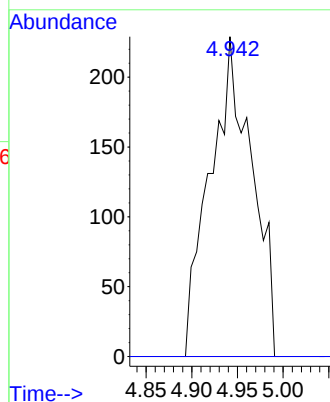


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Instrument :
MSVOA_Y
ClientSampleId :

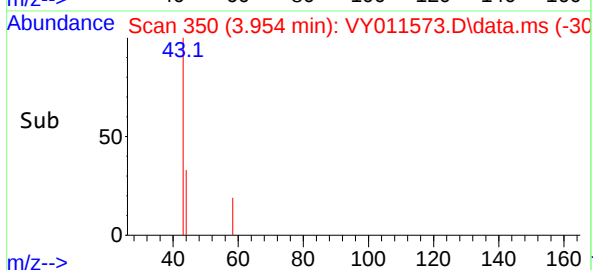
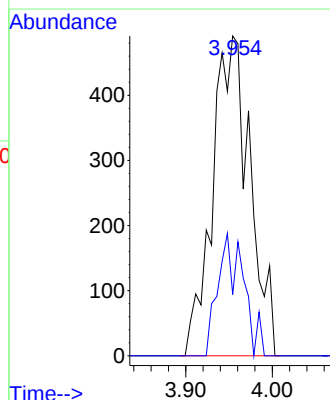
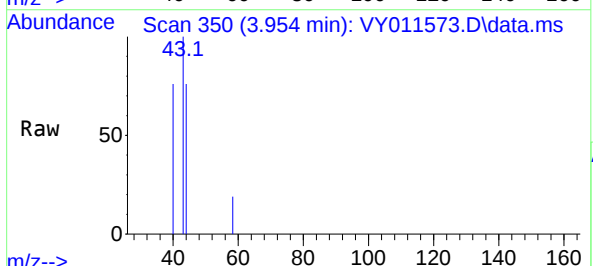


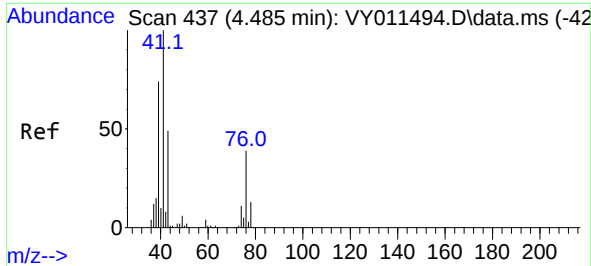
Tgt Ion: 59 Resp: 730
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.440 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 19.1 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY011573.D

Acq: 23 Nov 2022 14:24

Instrument :

MSVOA_Y

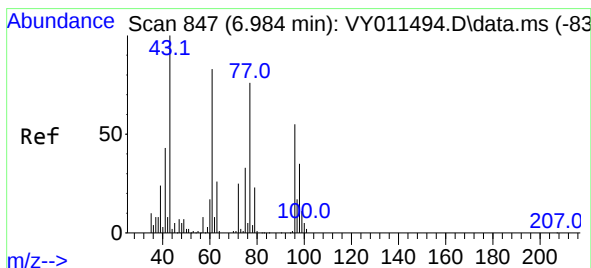
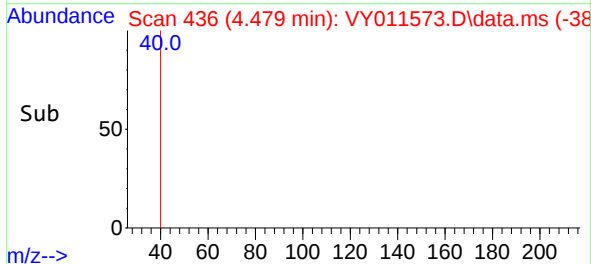
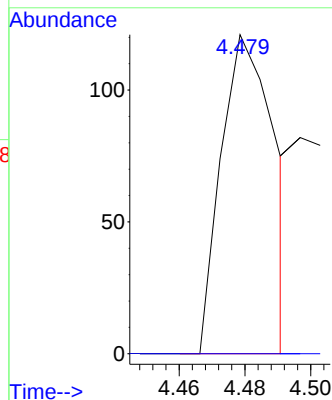
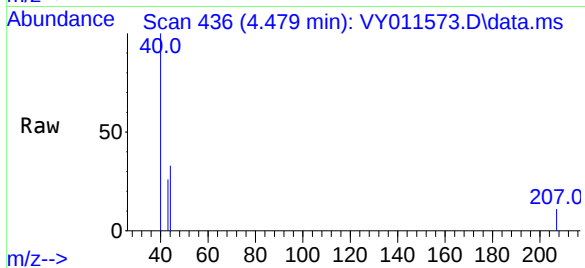
ClientSampleId :

Tgt Ion: 43 Resp: 137

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#25

2-Butanone

Concen: 1.558 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY011573.D

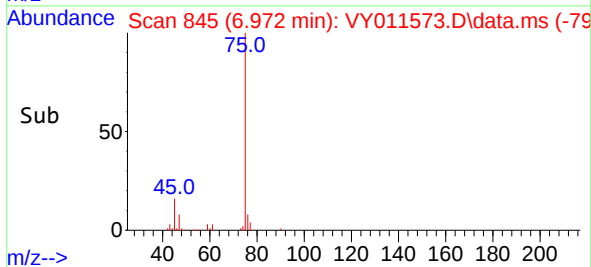
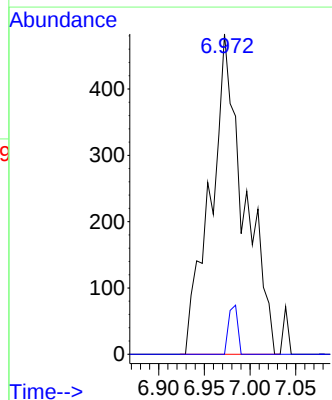
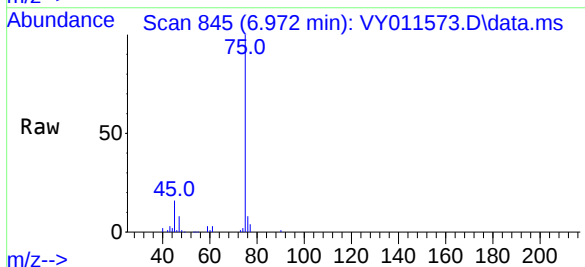
Acq: 23 Nov 2022 14:24

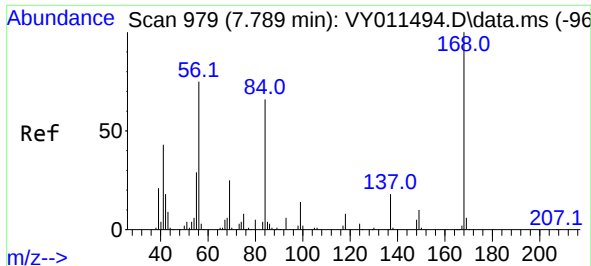
Tgt Ion: 43 Resp: 1236

Ion Ratio Lower Upper

43 100

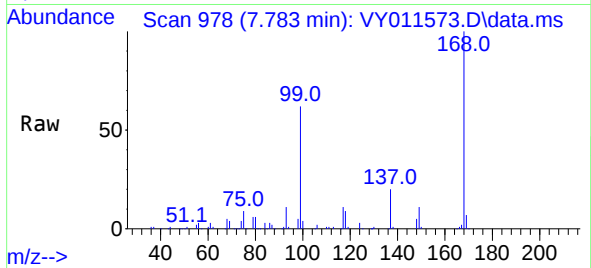
72 0.0 17.7 26.5#



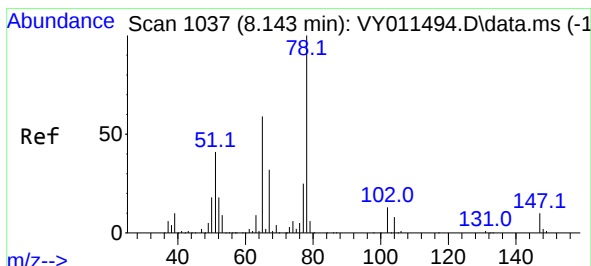
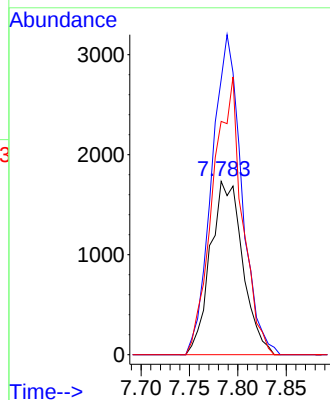
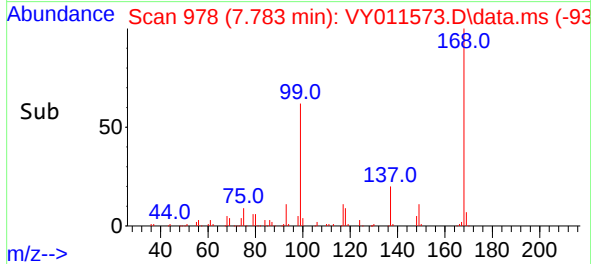


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Instrument :
MSVOA_Y
ClientSampleId :

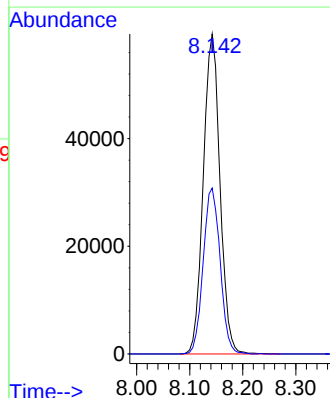
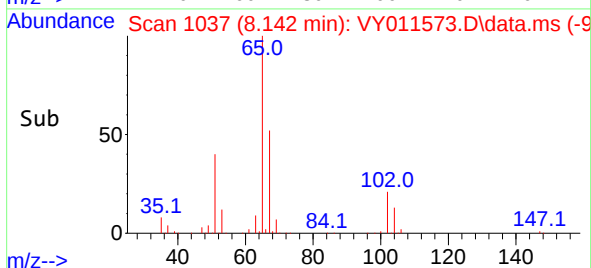
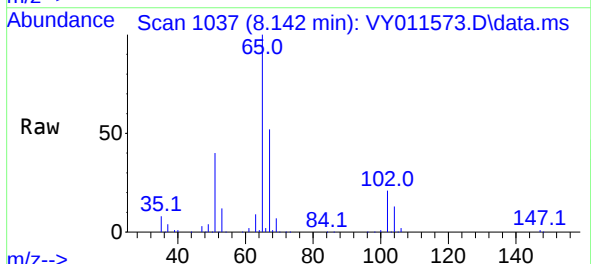


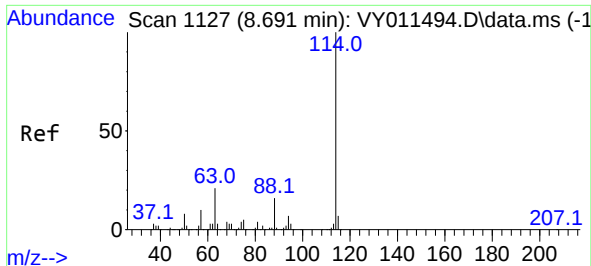
Tgt Ion: 56 Resp: 4030
Ion Ratio Lower Upper
56 100
69 158.7 26.7 40.1#
84 134.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.932 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

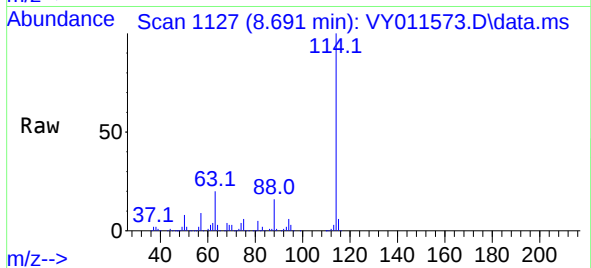
Tgt Ion: 65 Resp: 129981
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4



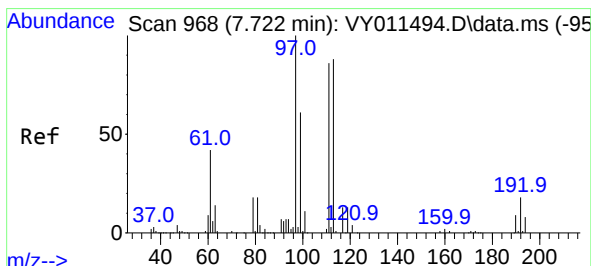
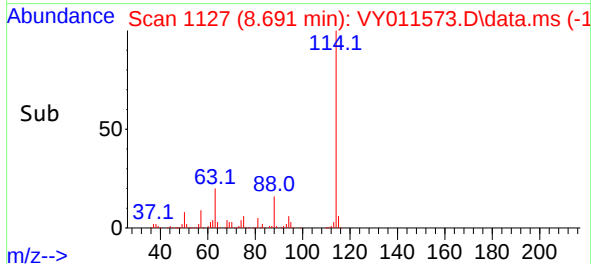
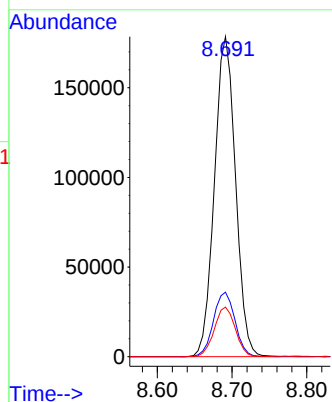


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Instrument :
MSVOA_Y
ClientSampleId :

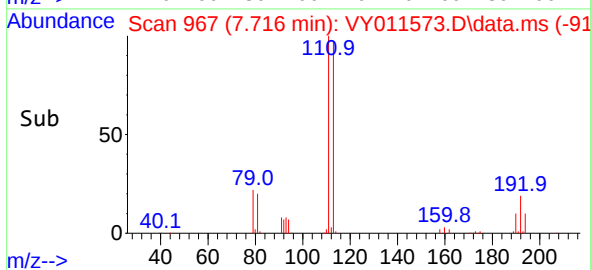
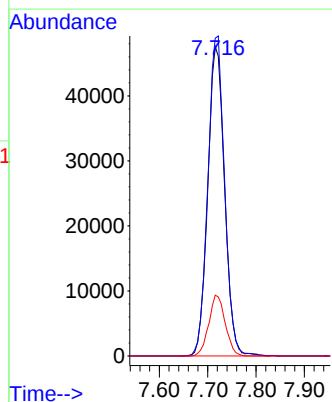
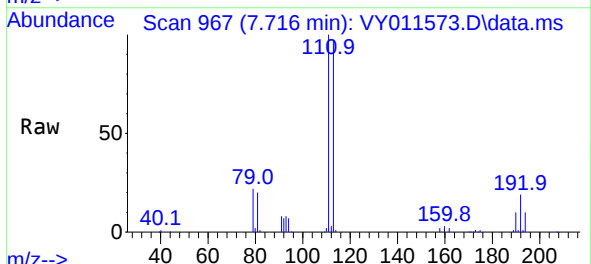


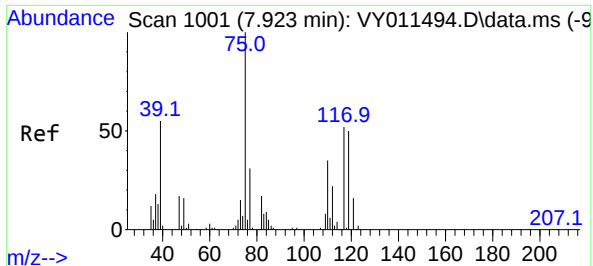
Tgt Ion:114 Resp: 349809
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.439 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Tgt Ion:113 Resp: 115076
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.1 17.6 26.4

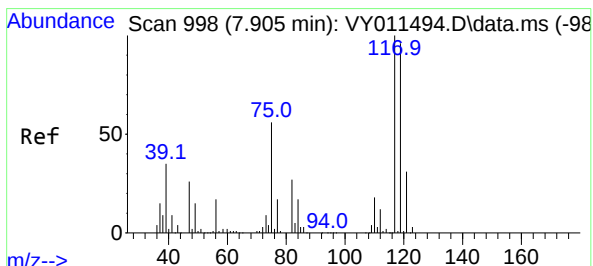
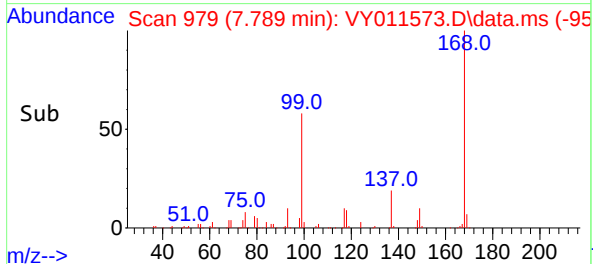
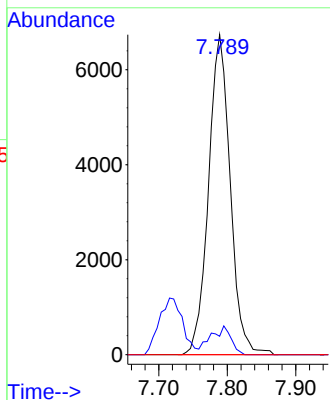
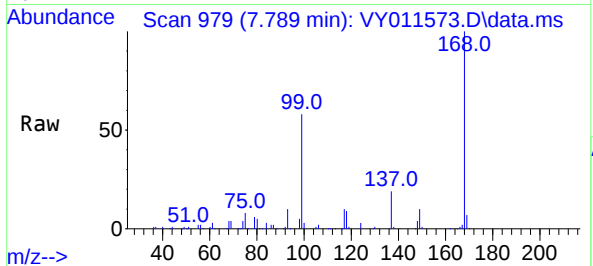




#36
1,1-Dichloropropene
Concen: 4.400 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

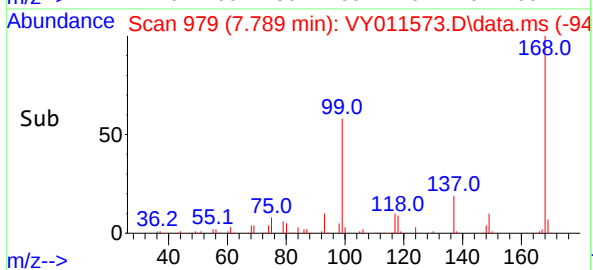
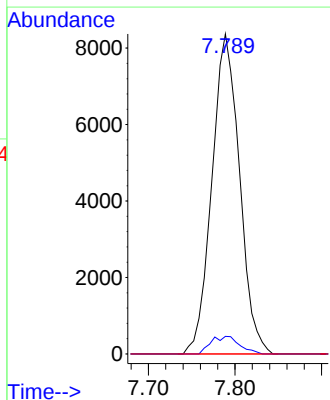
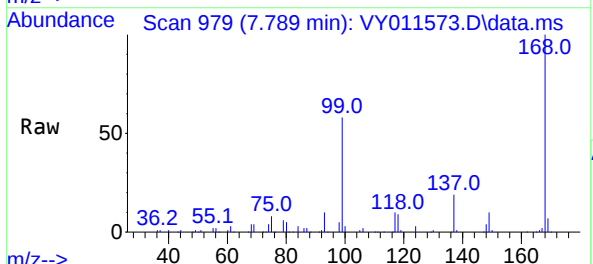
Instrument :
MSVOA_Y
ClientSampleId :

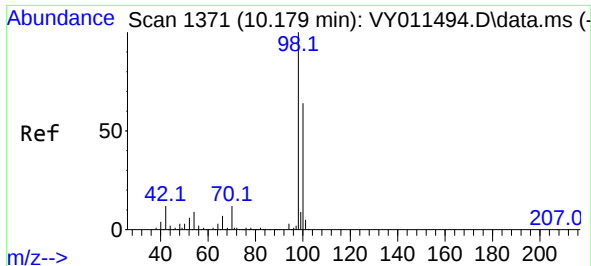
Tgt Ion: 75 Resp: 14812
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.923 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Tgt Ion: 117 Resp: 18540
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

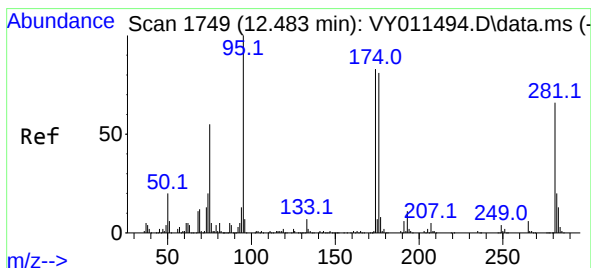
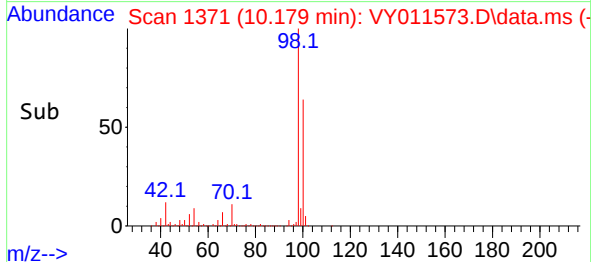
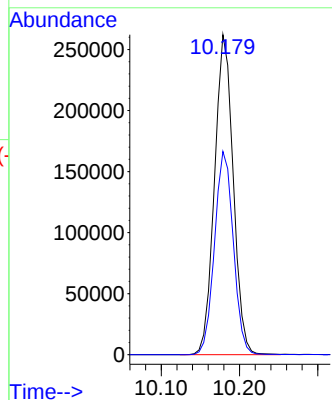
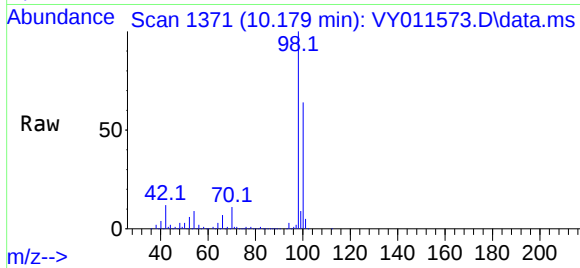




#50
Toluene-d8
Concen: 55.695 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

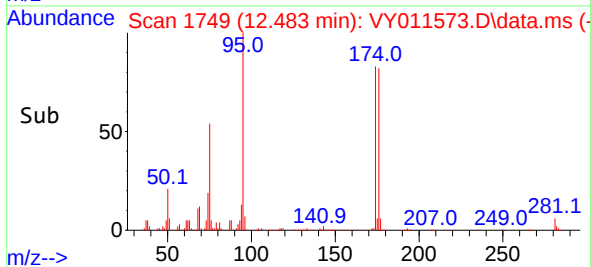
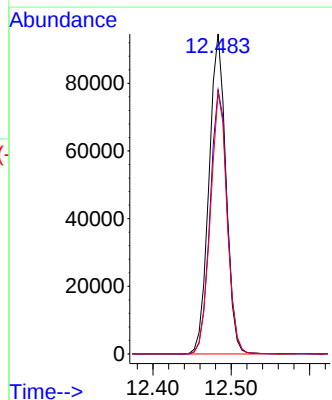
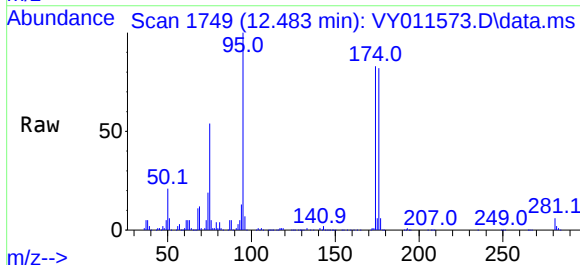
Instrument :
MSVOA_Y
ClientSampleId :

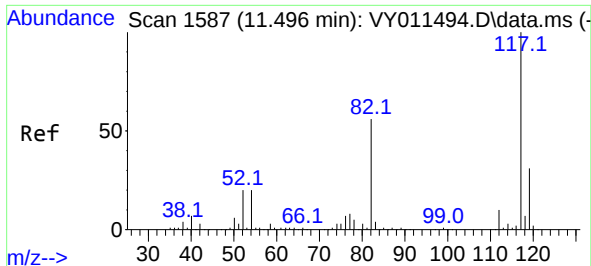
Tgt Ion: 98 Resp: 435831
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.901 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Tgt Ion: 95 Resp: 141481
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.7 0.0 175.8

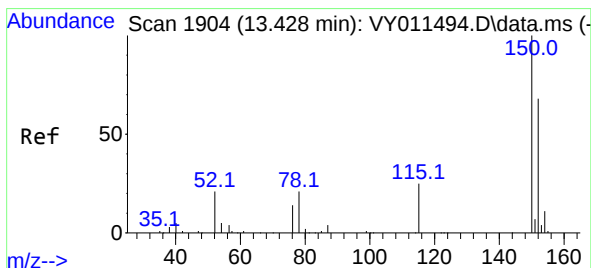
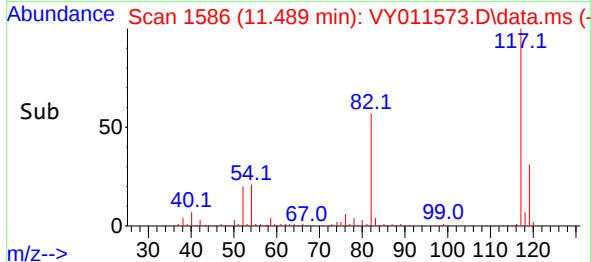
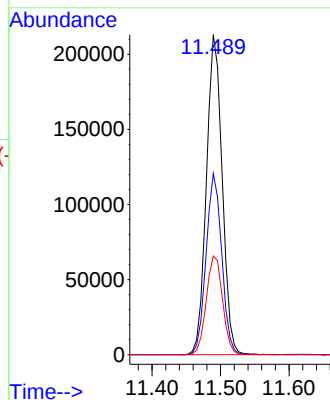
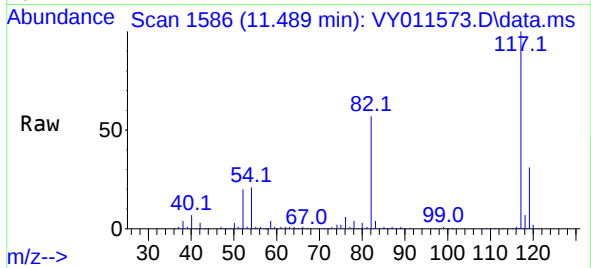




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

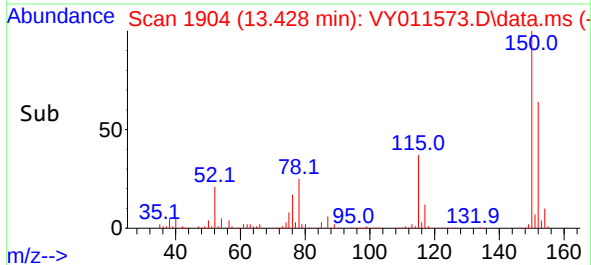
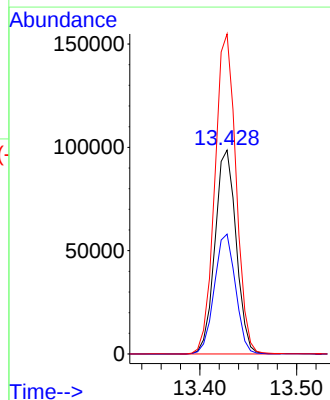
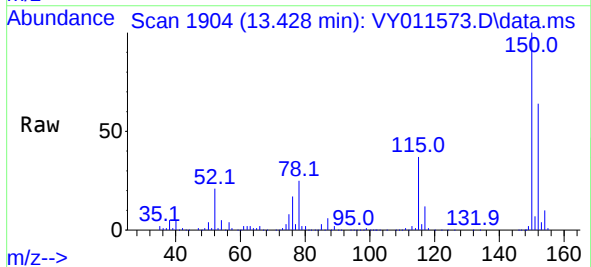
Instrument :
MSVOA_Y
ClientSampleId :

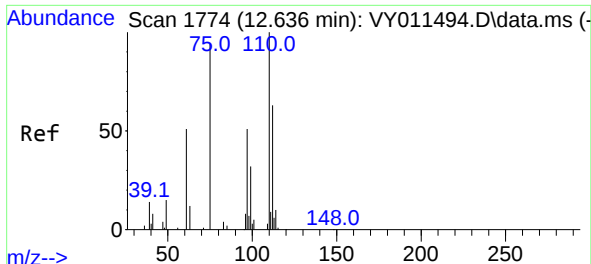
Tgt Ion:117 Resp: 341353
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Tgt Ion:152 Resp: 150333
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 157.0 0.0 347.6

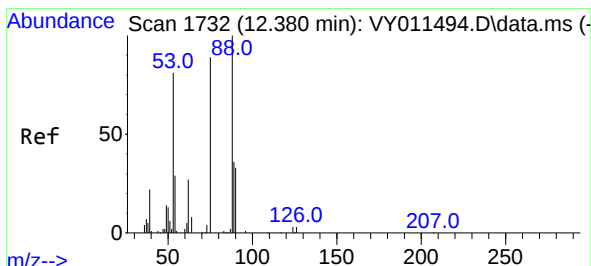
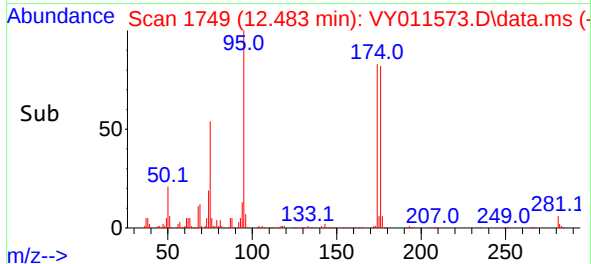
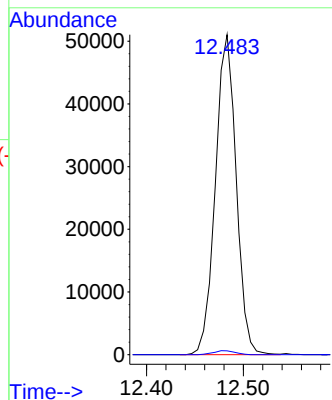
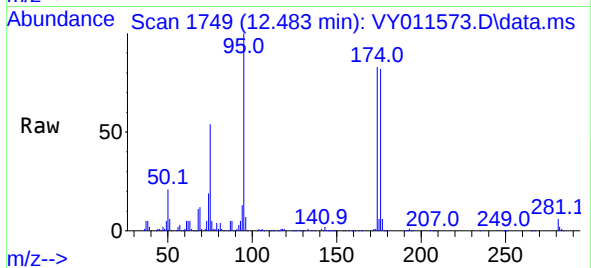




#76
1,2,3-Trichloropropane
Concen: 47.022 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

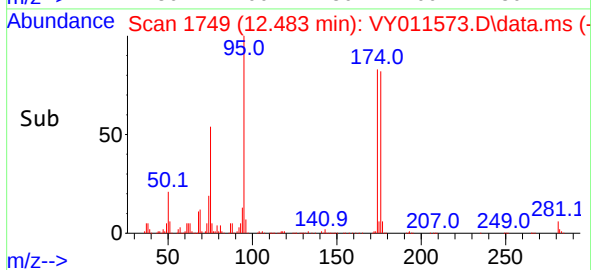
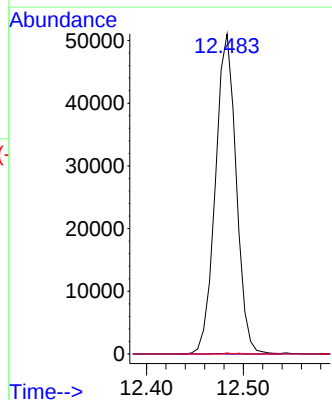
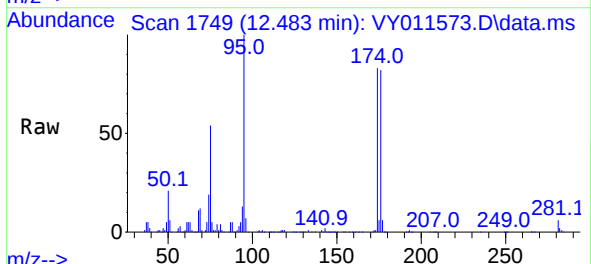
Instrument :
MSVOA_Y
ClientSampleId :

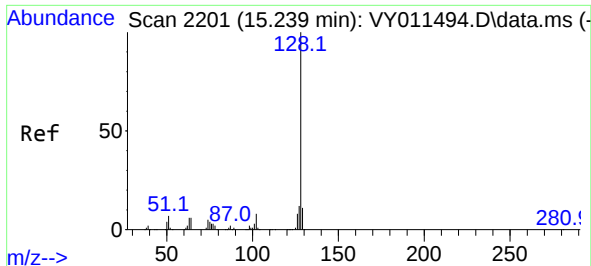
Tgt Ion: 75 Resp: 76128
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.994 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

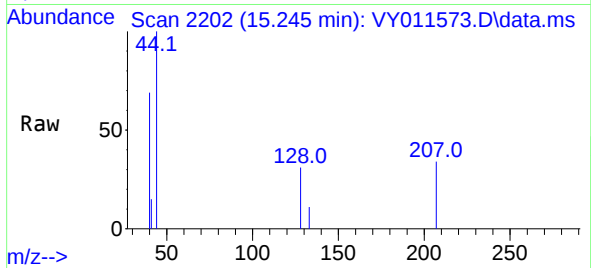
Tgt Ion: 75 Resp: 76128
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 4.059 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011573.D
Acq: 23 Nov 2022 14:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 227
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

