

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011525.D
 Acq On : 21 Nov 2022 15:39
 Operator : KP/MD
 Sample : N5678-01RE
 Misc : 6.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:46:13 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)

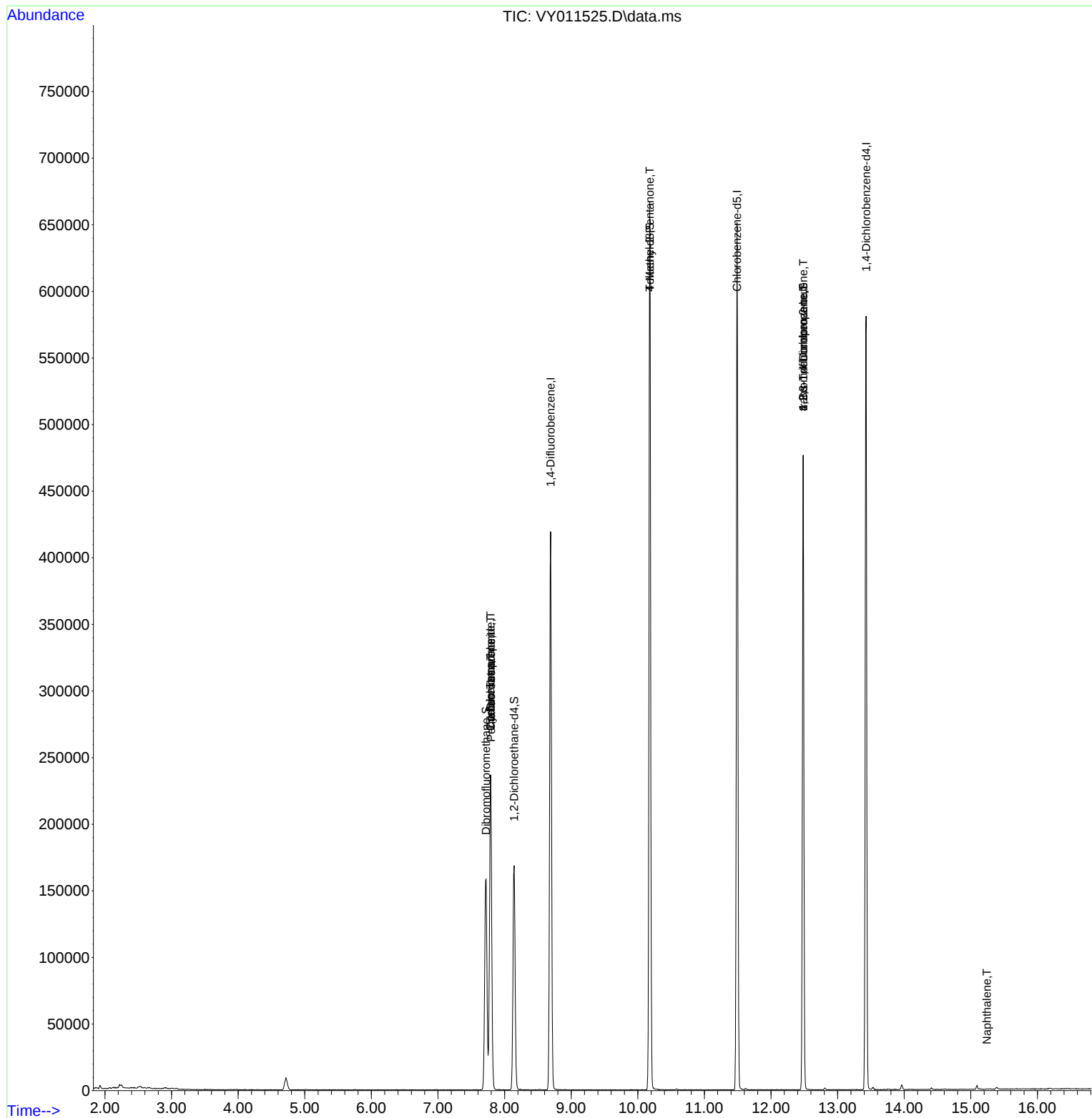
Internal Standards						
1) Pentafluorobenzene	7.795	168	178928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	347041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129970	71.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.080%	
35) Dibromofluoromethane	7.722	113	114269	53.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.980%	
50) Toluene-d8	10.179	98	427031	55.006	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.020%	
62) 4-Bromofluorobenzene	12.483	95	138277	48.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	181	Below Cal	#	87
5) Bromomethane	2.662	94	178	Below Cal	#	19
11) Tert butyl alcohol	4.954	59	74	Below Cal	#	77
18) Methyl Acetate	4.478	43	162	Below Cal	#	56
20) Methylene Chloride	4.716	84	6184	Below Cal	#	89
31) Cyclohexane	7.789	56	3943	1.309	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13992	4.190	ug/l #	51
38) Carbon Tetrachloride	7.789	117	18573	4.971	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1966	1.031	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	73824	45.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73824	100.752	ug/l #	7
95) Naphthalene	15.239	128	315	4.075	ug/l #	69

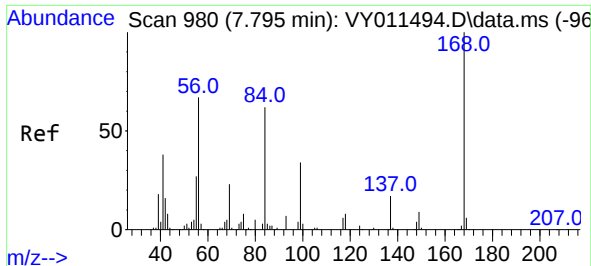
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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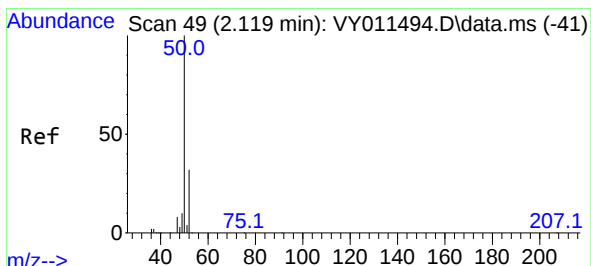
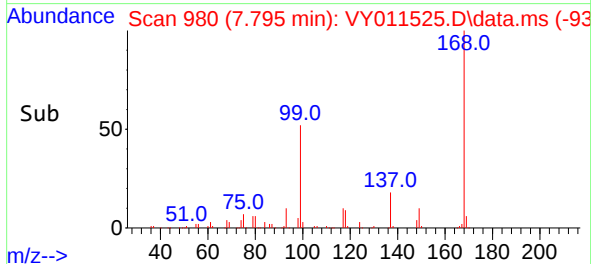
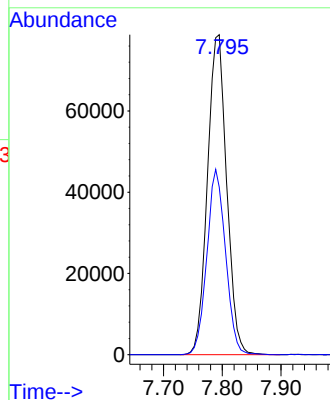
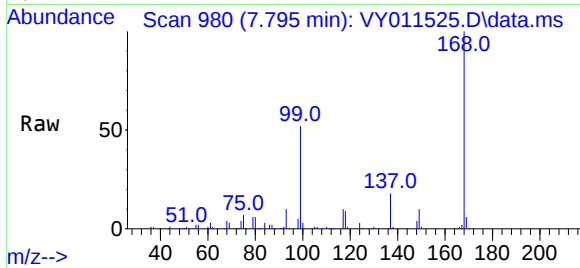




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

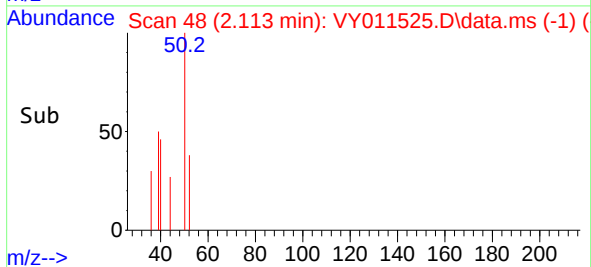
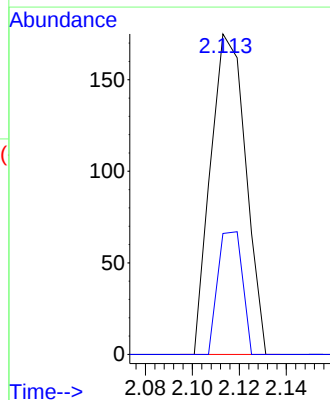
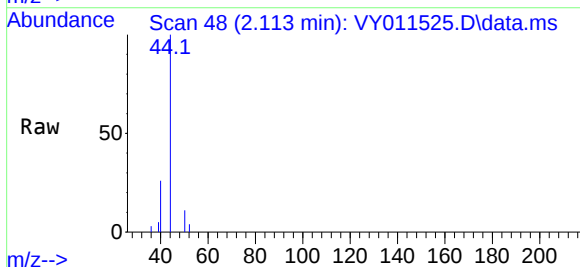
Instrument :
MSVOA_Y
ClientSampleId :

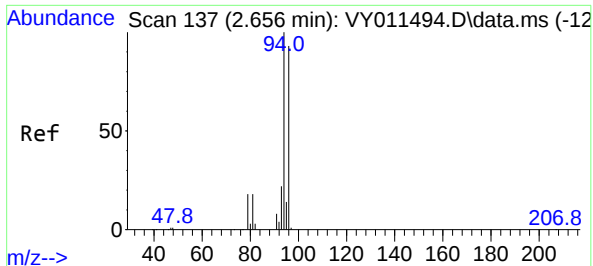
Tgt Ion:168 Resp: 178928
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 37.7 24.6 37.0#

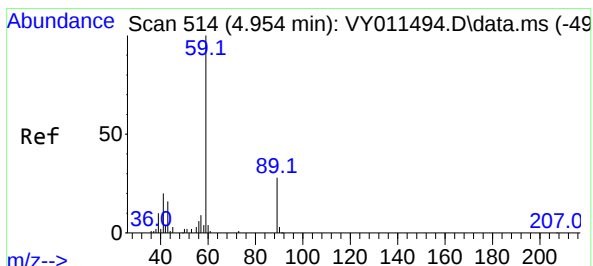
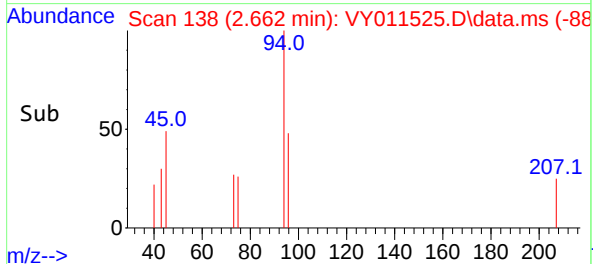
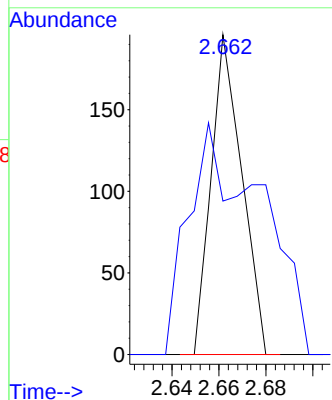
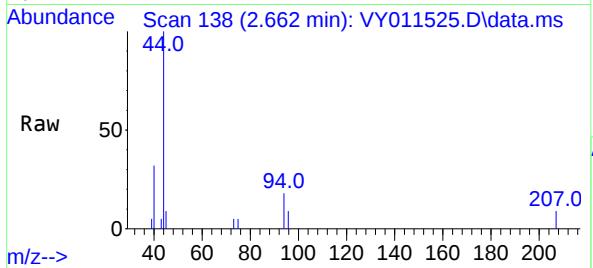




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

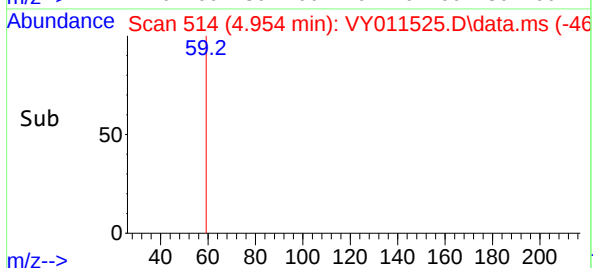
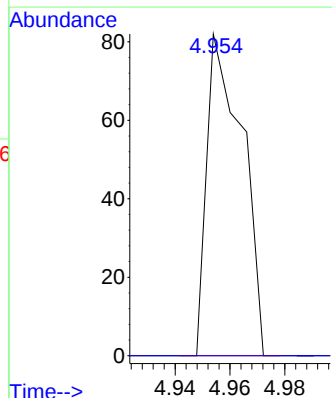
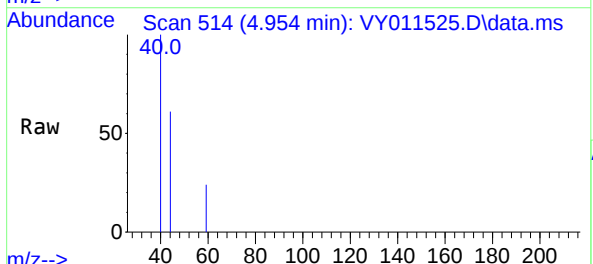
Instrument :
MSVOA_Y
ClientSampleId :

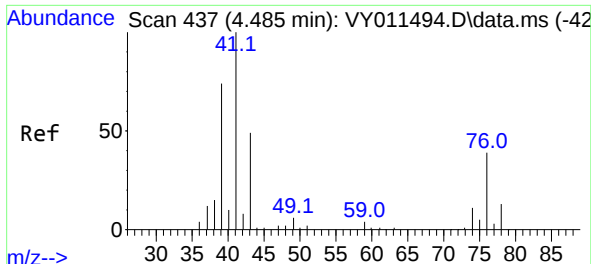
Tgt Ion: 94 Resp: 178
Ion Ratio Lower Upper
94 100
96 14.8 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

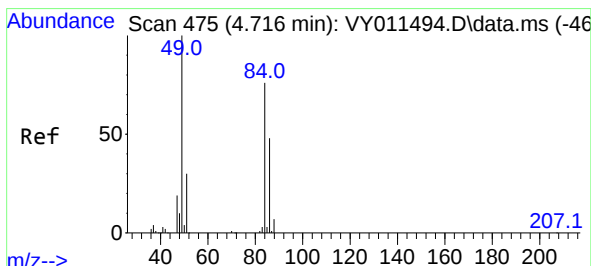
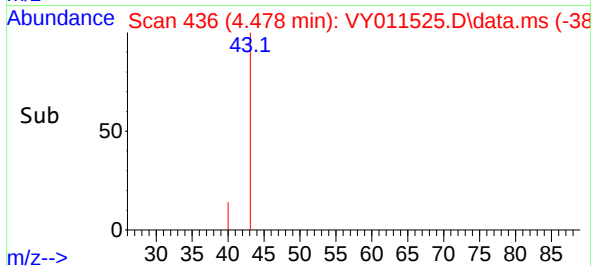
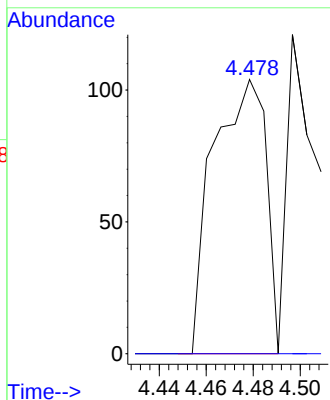
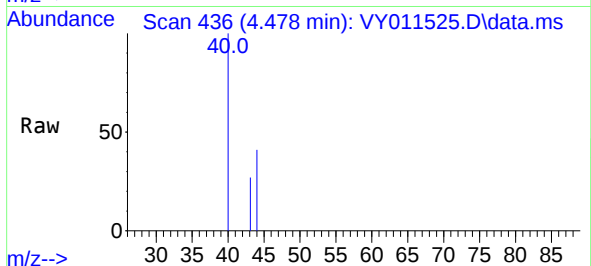




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

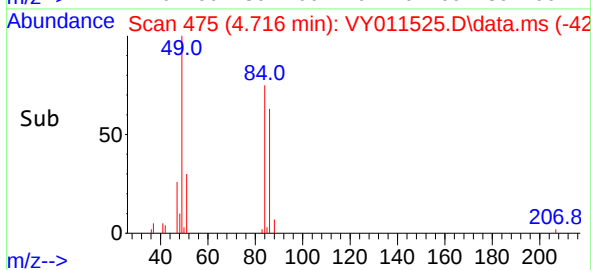
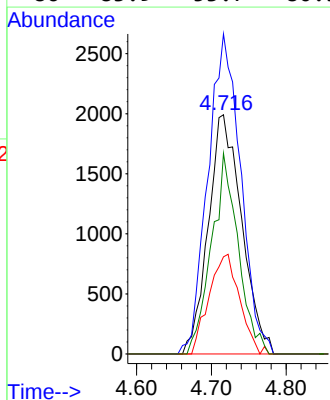
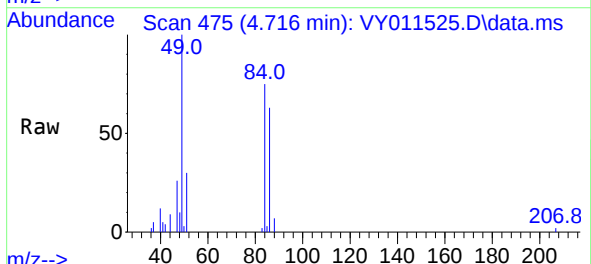
Instrument :
MSVOA_Y
ClientSampleId :

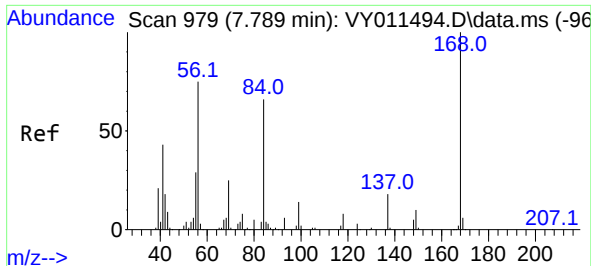
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

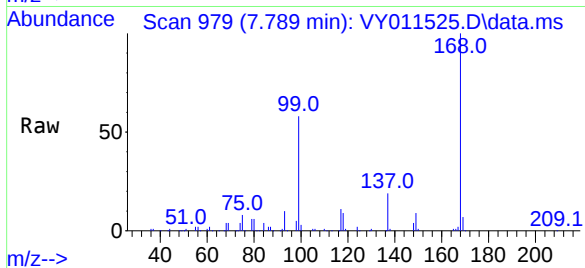
Tgt Ion: 84 Resp: 6184
Ion Ratio Lower Upper
84 100
49 133.8 114.4 171.6
51 40.6 35.3 52.9
86 83.9 53.7 80.5#



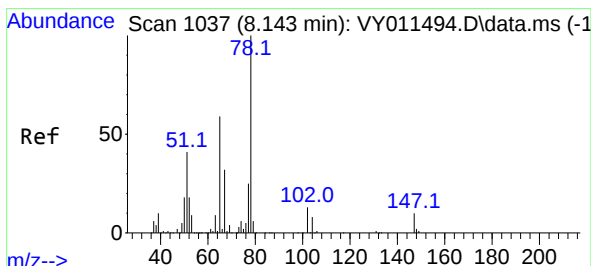
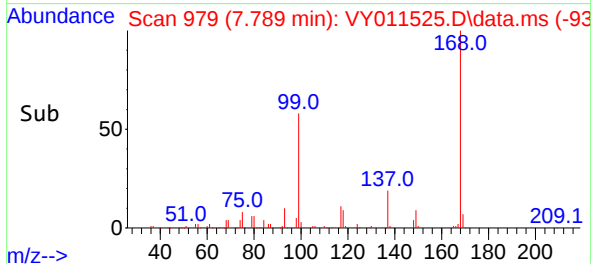
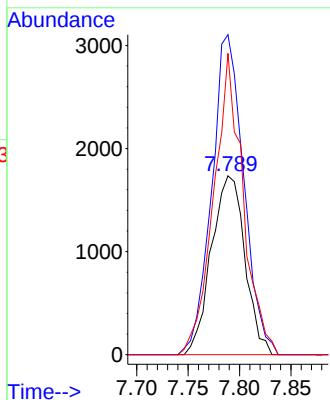


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Instrument :
MSVOA_Y
ClientSampleId :

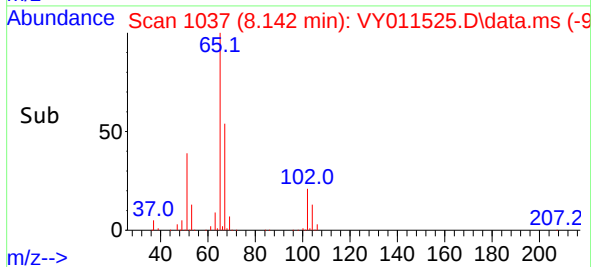
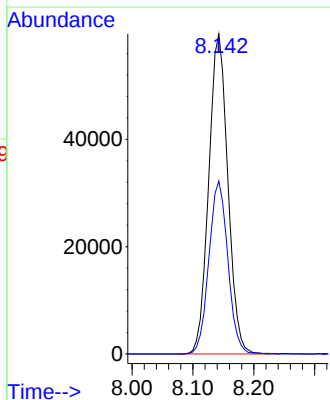
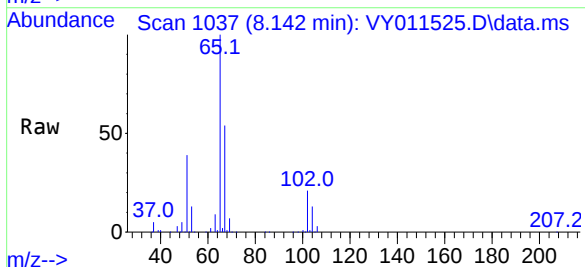


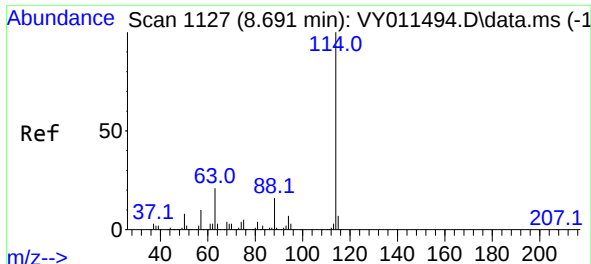
Tgt Ion: 56 Resp: 3943
Ion Ratio Lower Upper
56 100
69 178.9 26.7 40.1#
84 168.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 71.537 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

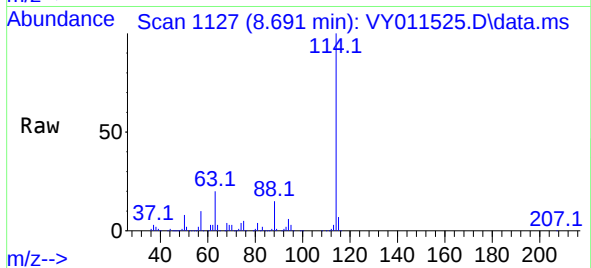
Tgt Ion: 65 Resp: 129970
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4



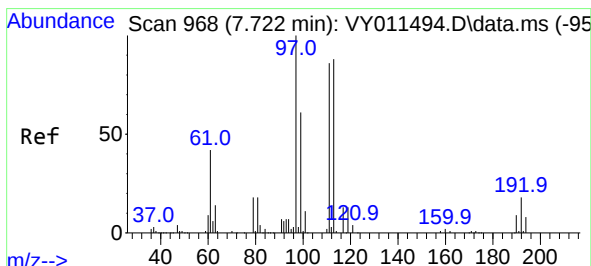
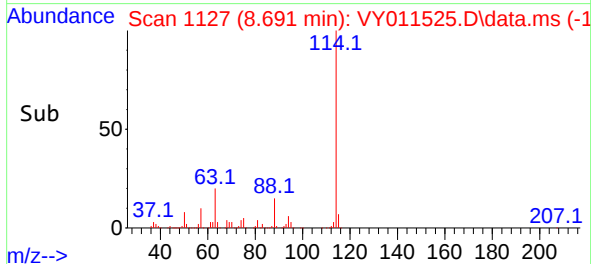
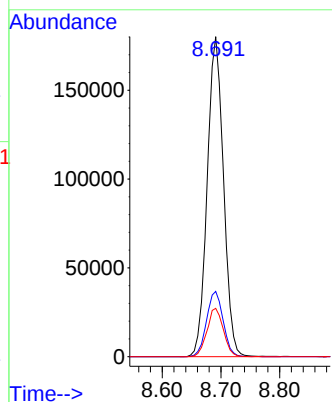


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Instrument :
MSVOA_Y
ClientSampleId :

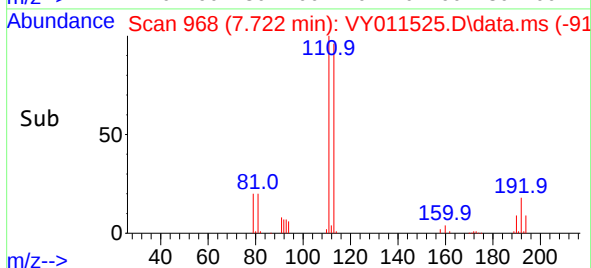
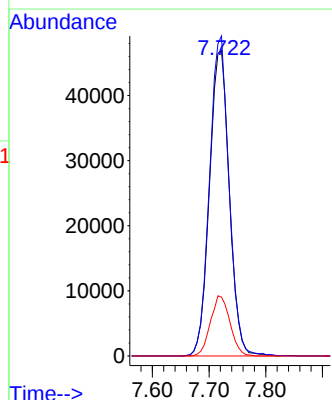
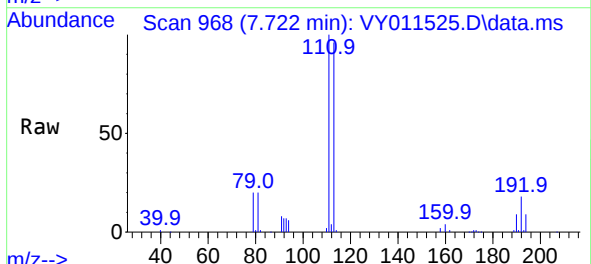


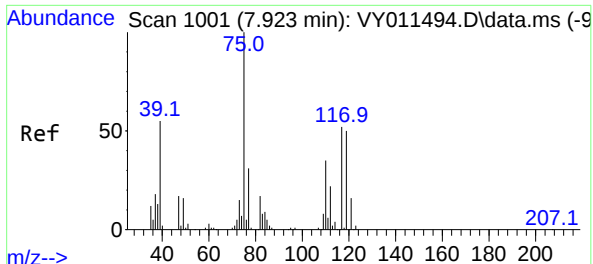
Tgt Ion:114 Resp: 347041
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.488 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

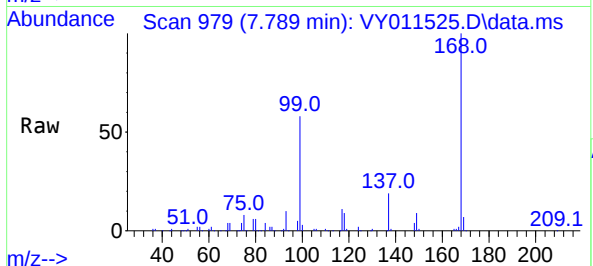
Tgt Ion:113 Resp: 114269
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.3 17.6 26.4



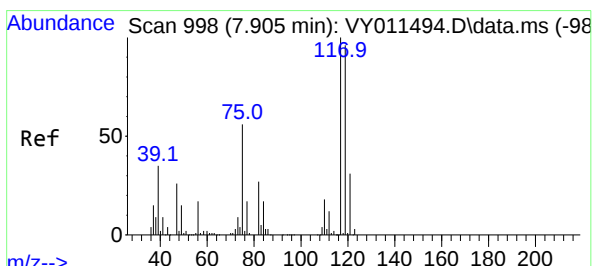
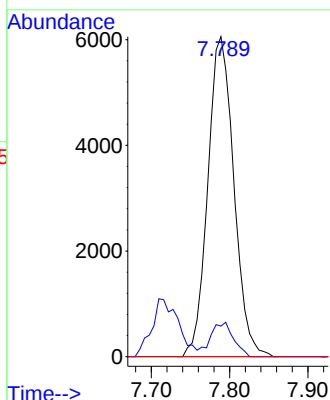
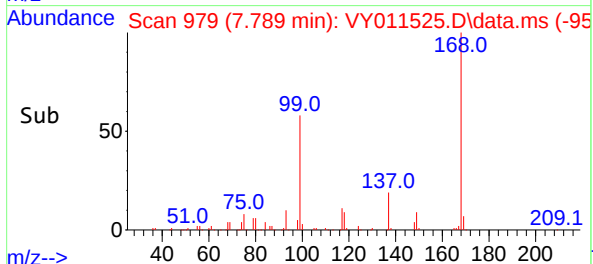


#36
1,1-Dichloropropene
Concen: 4.190 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

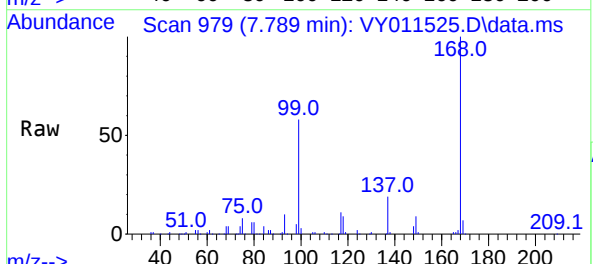
Instrument :
MSVOA_Y
ClientSampleId :



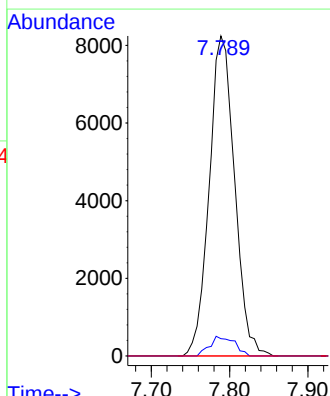
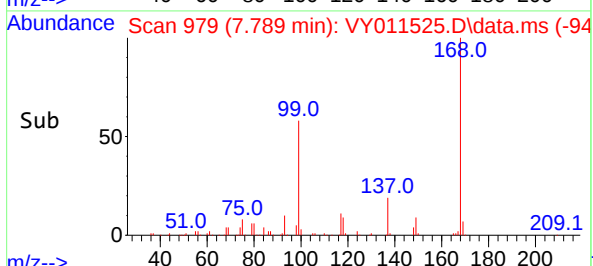
Tgt Ion: 75 Resp: 13992
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

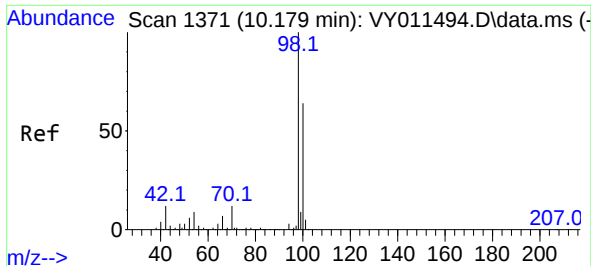


#38
Carbon Tetrachloride
Concen: 4.971 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39



Tgt Ion: 117 Resp: 18573
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#

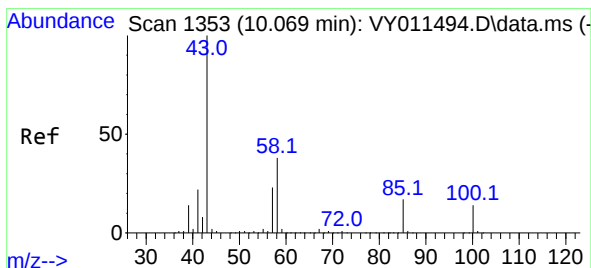
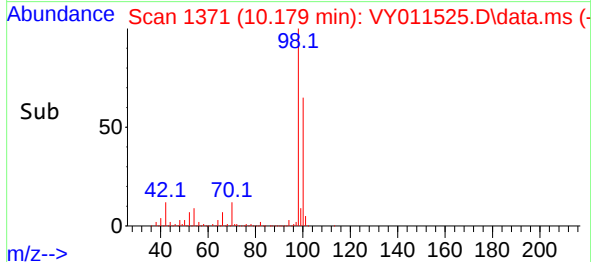
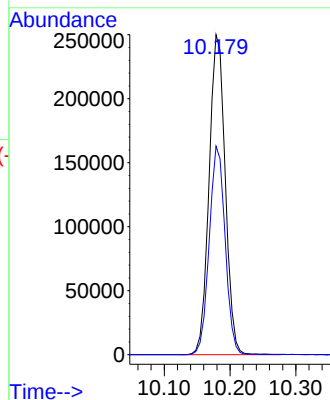
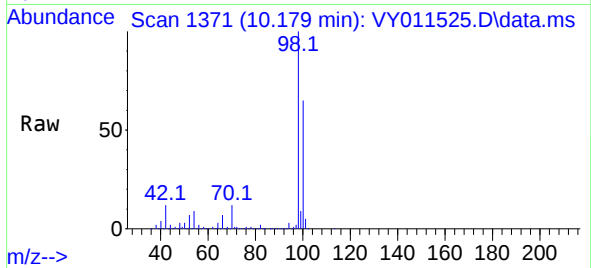




#50
Toluene-d8
Concen: 55.006 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

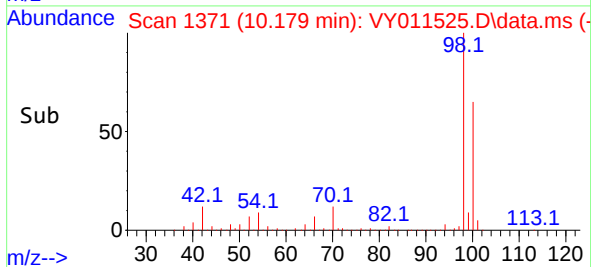
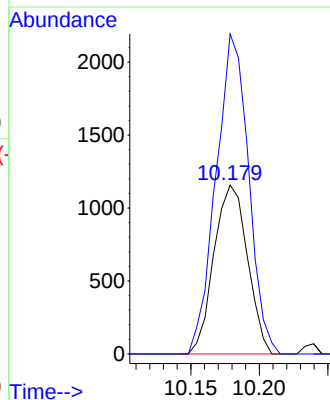
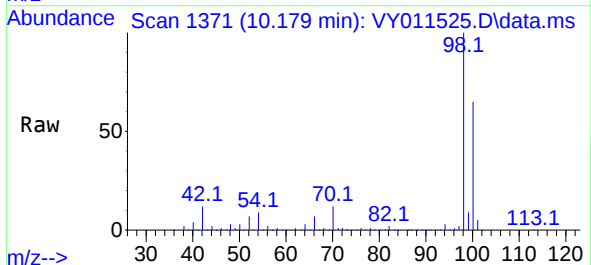
Instrument :
MSVOA_Y
ClientSampleId :

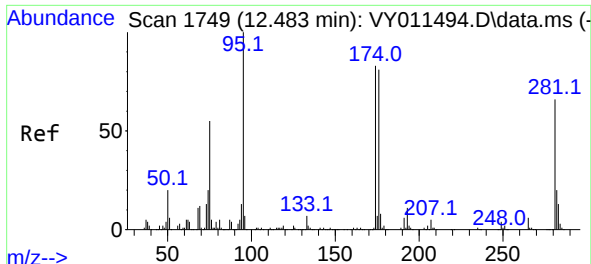
Tgt Ion: 98 Resp: 427031
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.031 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Tgt Ion: 43 Resp: 1966
Ion Ratio Lower Upper
43 100
58 184.3 28.1 42.1#

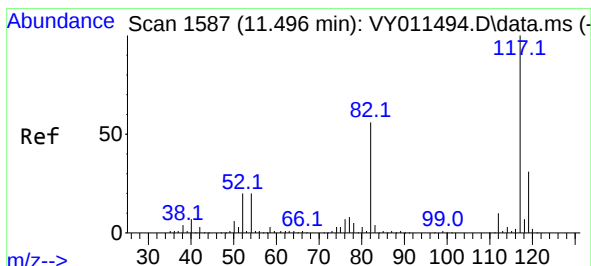
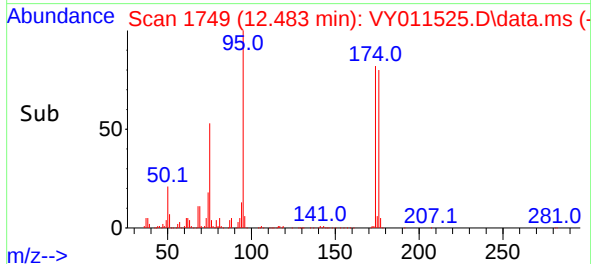
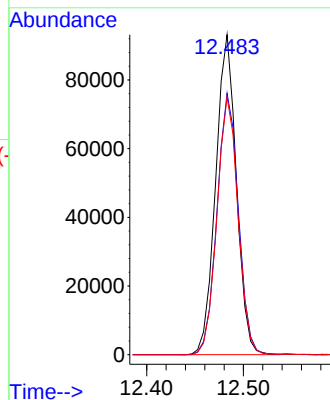
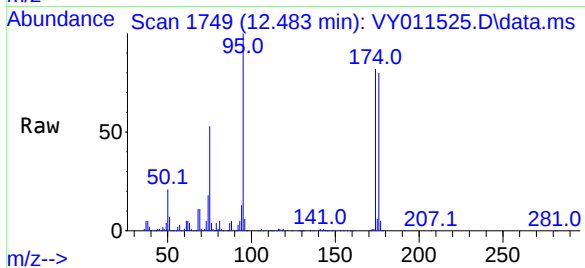




#62
4-Bromofluorobenzene
Concen: 48.174 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

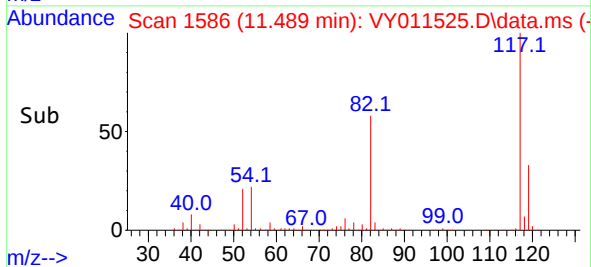
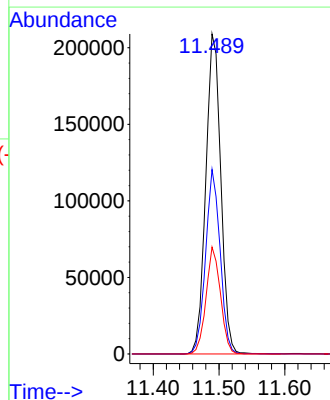
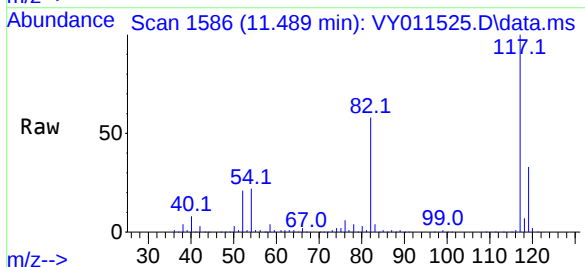
Instrument :
MSVOA_Y
ClientSampleId :

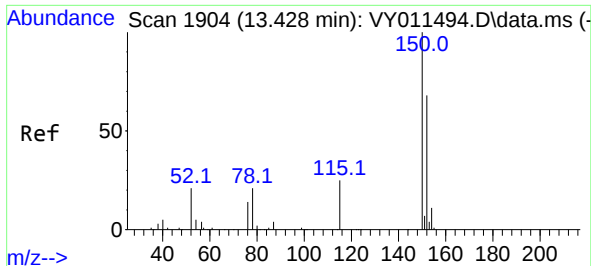
Tgt Ion: 95 Resp: 138277
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 81.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

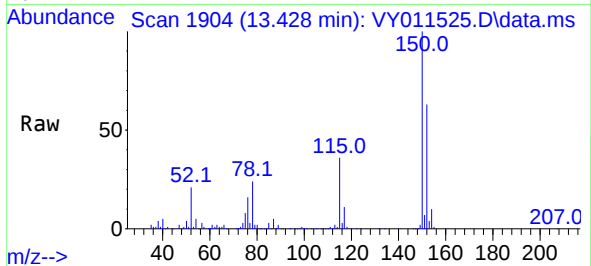
Tgt Ion: 117 Resp: 332193
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 33.4 25.4 38.0



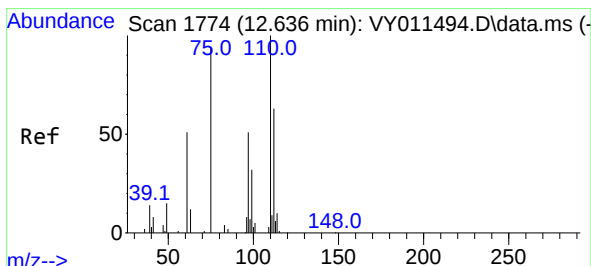
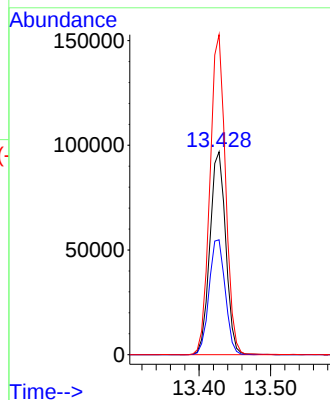
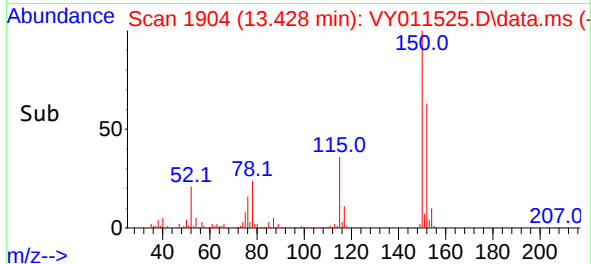


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Instrument :
MSVOA_Y
ClientSampleId :

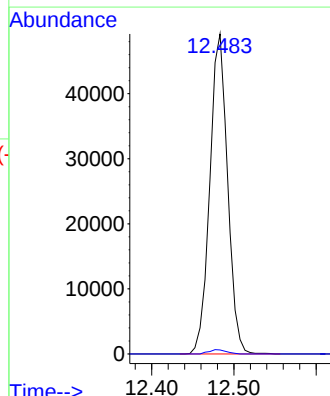
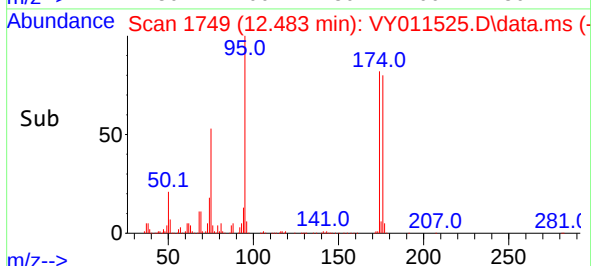
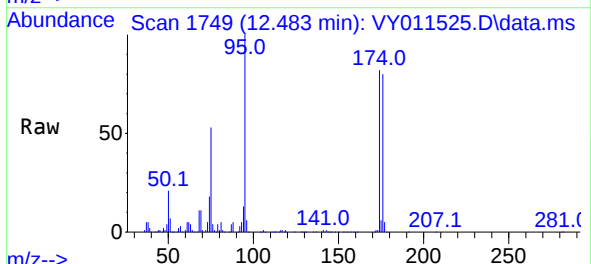


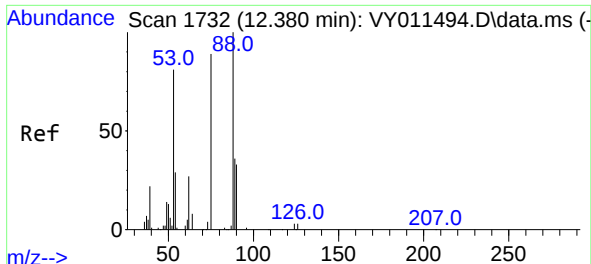
Tgt Ion:152 Resp: 149028
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 155.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.998 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Tgt Ion: 75 Resp: 73824
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

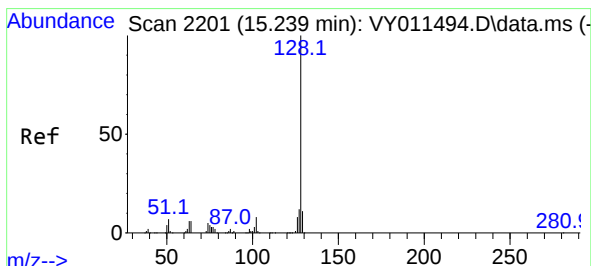
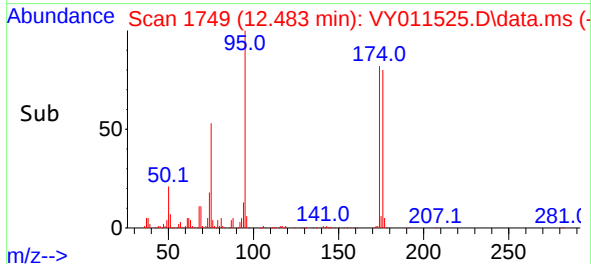
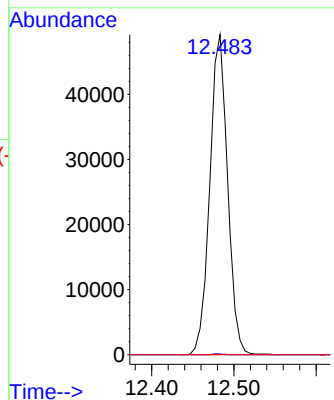
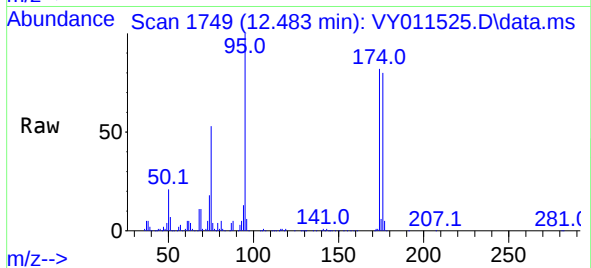




#81
trans-1,4-Dichloro-2-butene
Concen: 100.752 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 73824
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.075 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Tgt Ion:128 Resp: 315
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

