

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011550.D
 Acq On : 22 Nov 2022 16:01
 Operator : KP/MD
 Sample : N5753-02
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:08:02 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)

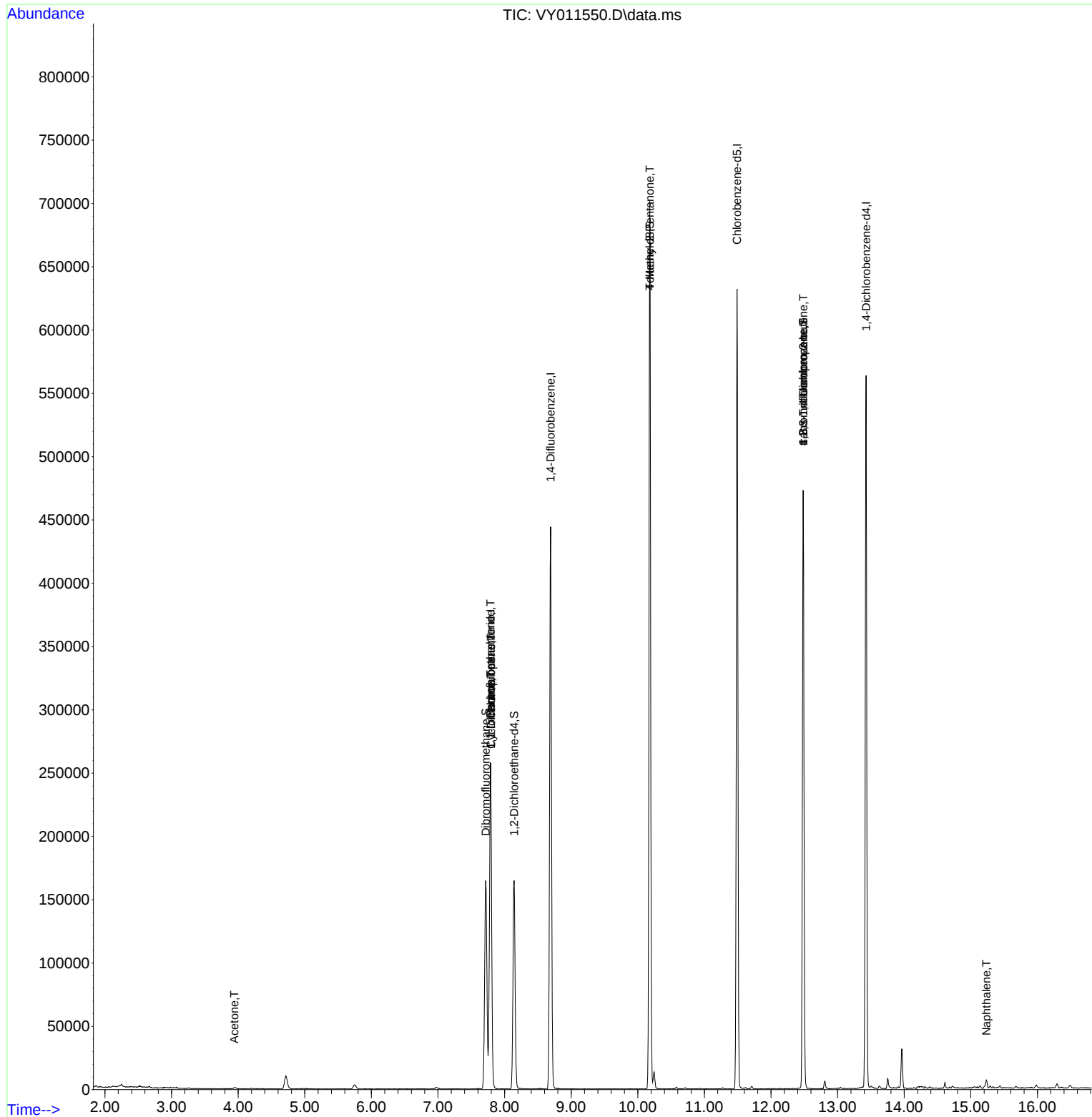
Internal Standards						
1) Pentafluorobenzene	7.789	168	190919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	362081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128276	66.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.340%	
35) Dibromofluoromethane	7.716	113	115163	51.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.340%	
50) Toluene-d8	10.179	98	442893	54.680	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.360%	
62) 4-Bromofluorobenzene	12.483	95	133852	44.696	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	208	Below Cal	#	44
5) Bromomethane	2.662	94	138	Below Cal		83
11) Tert butyl alcohol	4.948	59	558	Below Cal	#	77
16) Acetone	3.942	43	2120	3.367	ug/l	93
18) Methyl Acetate	4.479	43	153	Below Cal	#	56
20) Methylene Chloride	4.716	84	7348	Below Cal		87
31) Cyclohexane	7.795	56	4302	1.339	ug/l #	37
36) 1,1-Dichloropropene	7.795	75	15191	4.360	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19926	5.112	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	2033	1.022	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	72145	47.679	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72145	104.433	ug/l #	7
95) Naphthalene	15.233	128	5225	4.985	ug/l	97

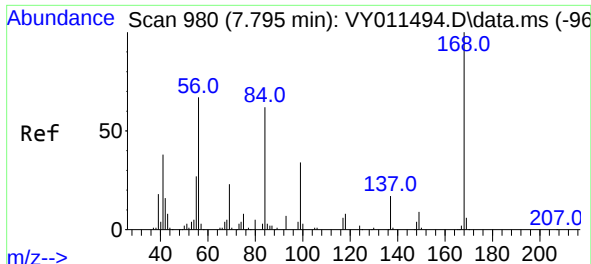
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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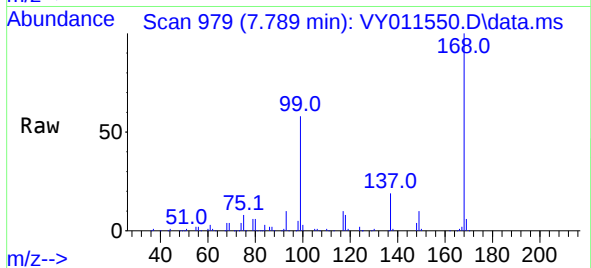
Quant Time: Nov 23 04:08:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



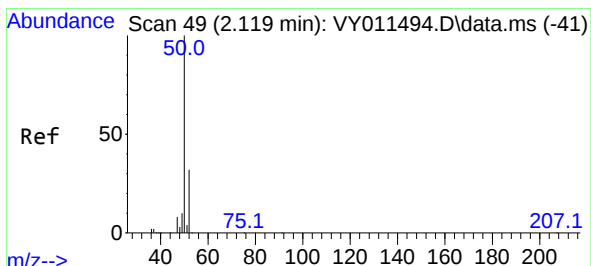
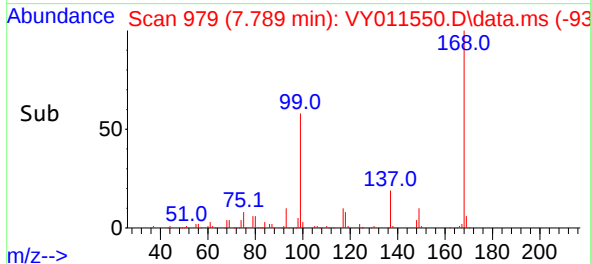
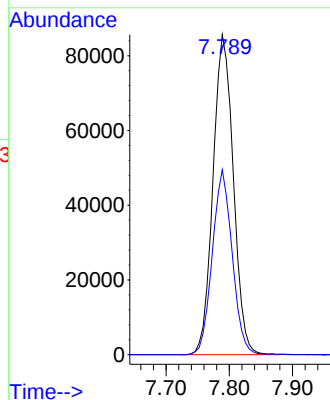


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Instrument :
MSVOA_Y
ClientSampleId :

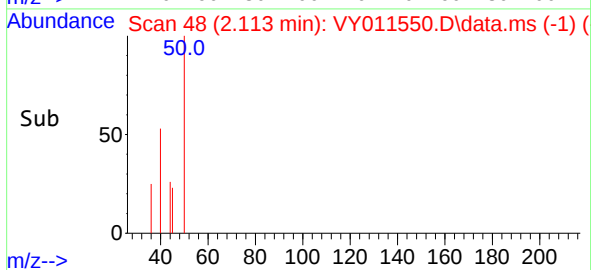
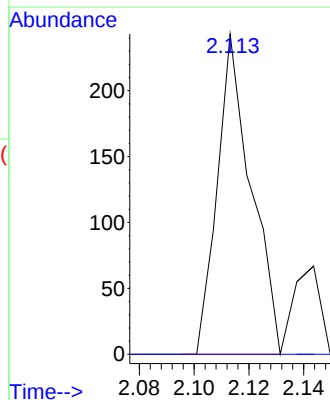
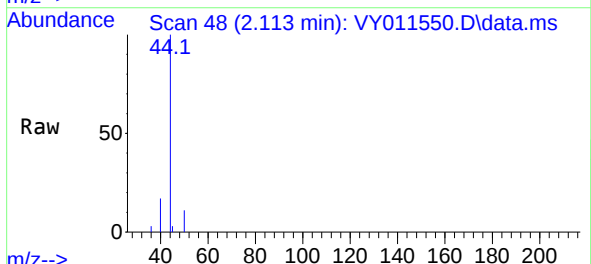


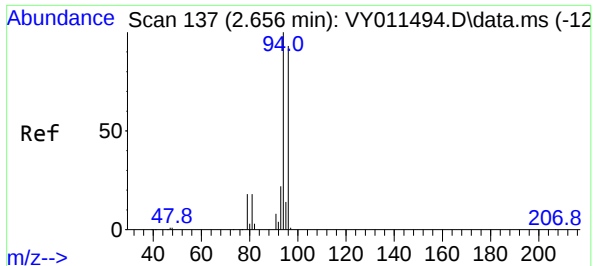
Tgt Ion:168 Resp: 190919
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Tgt Ion: 50 Resp: 208
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

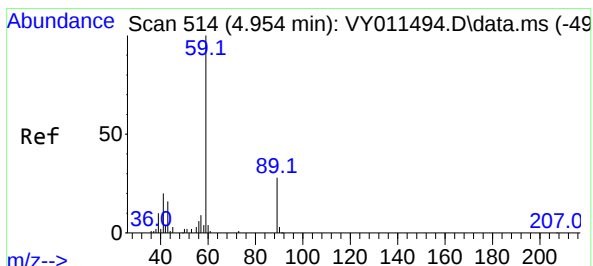
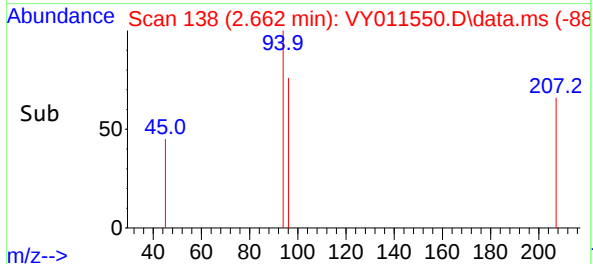
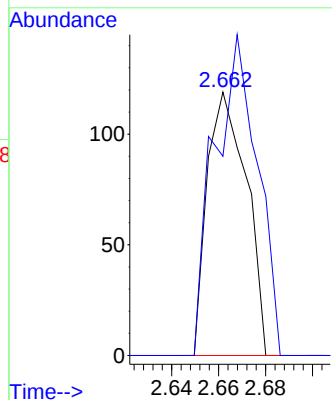
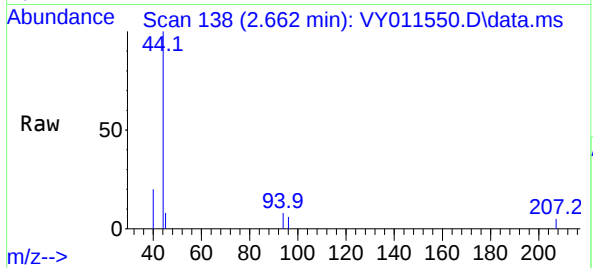




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

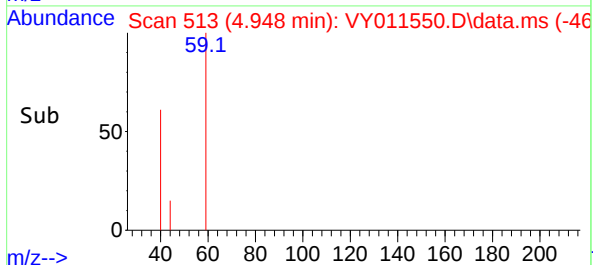
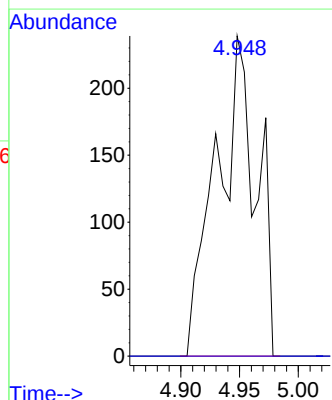
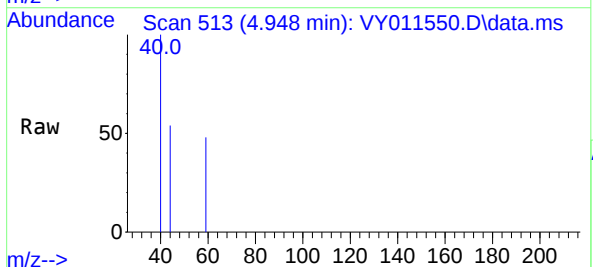
Instrument :
MSVOA_Y
ClientSampleId :

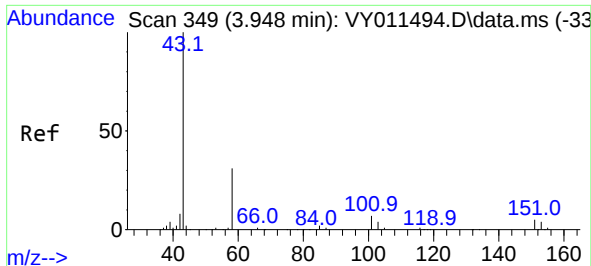
Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 75.6 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Tgt Ion: 59 Resp: 558
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

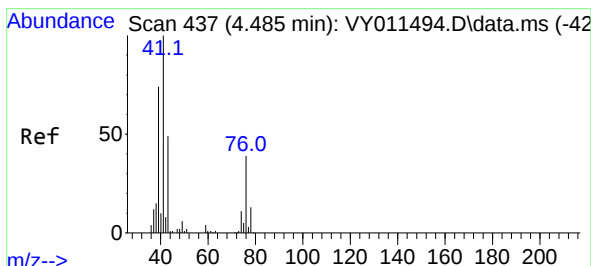
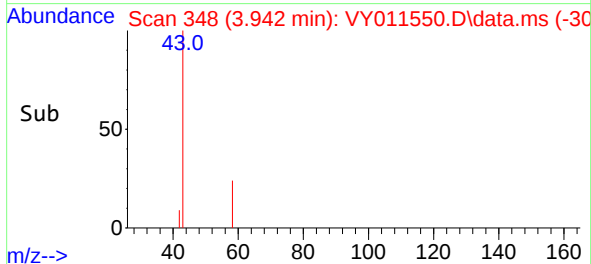
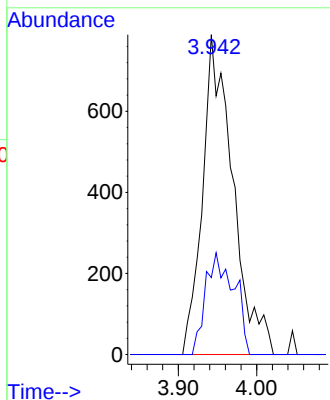
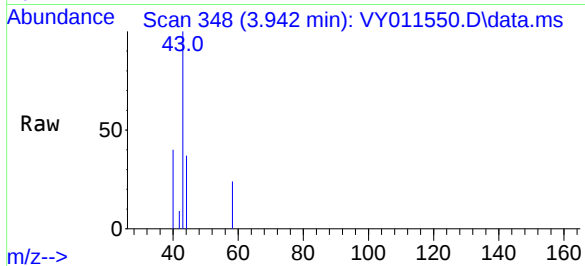




#16
Acetone
Concen: 3.367 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

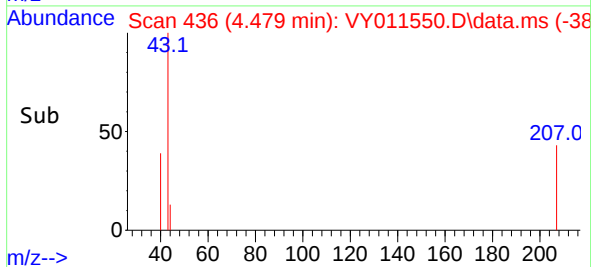
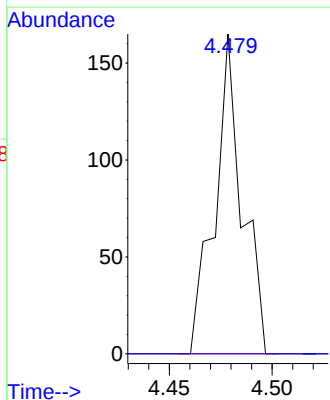
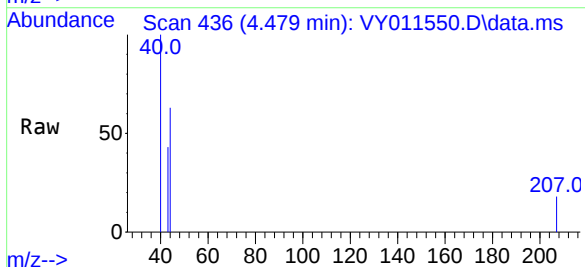
Instrument :
MSVOA_Y
ClientSampleId :

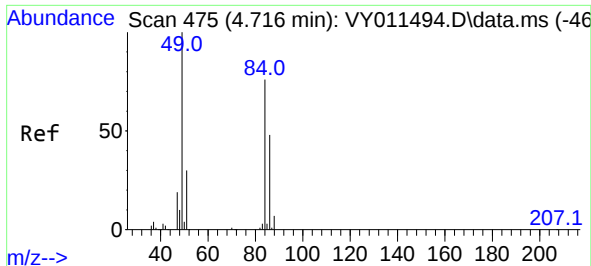
Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
58 24.1 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

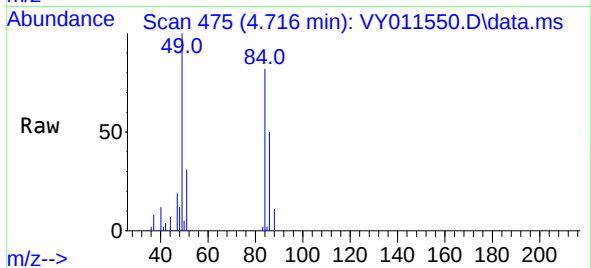
Tgt Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





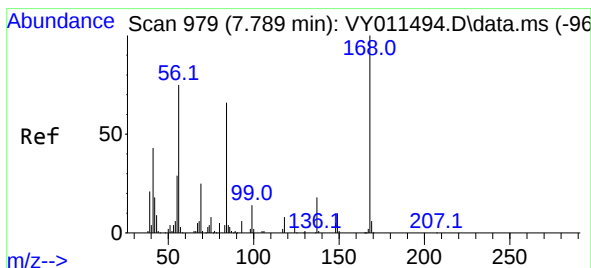
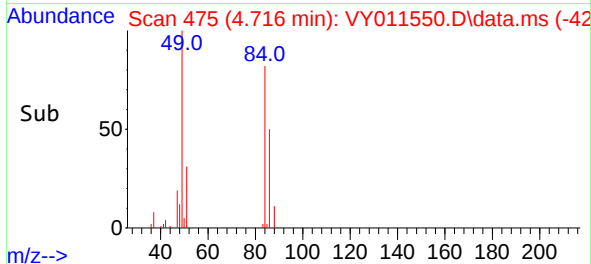
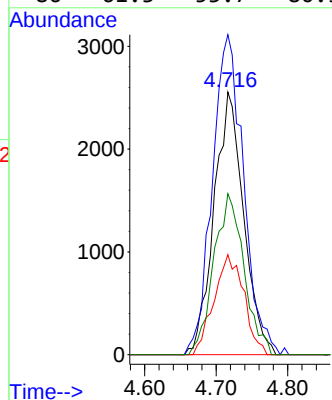
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7348

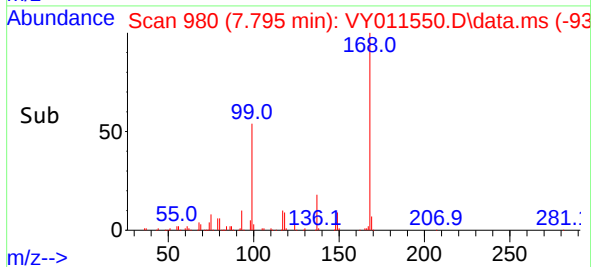
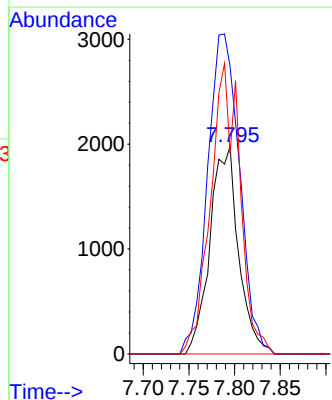
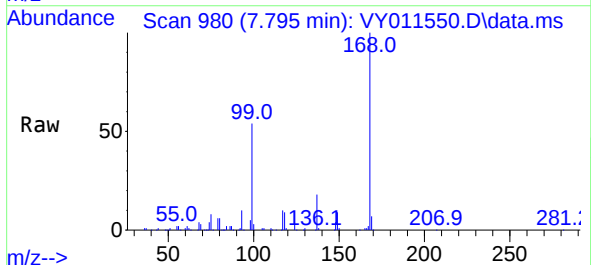
Ion	Ratio	Lower	Upper
84	100		
49	121.8	114.4	171.6
51	38.1	35.3	52.9
86	61.3	53.7	80.5

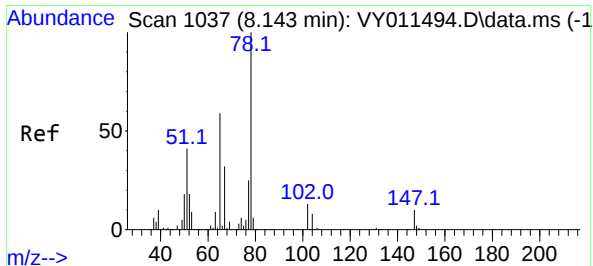


#31
Cyclohexane
Concen: 1.339 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Tgt Ion: 56 Resp: 4302

Ion	Ratio	Lower	Upper
56	100		
69	138.5	26.7	40.1#
84	96.9	67.2	100.8

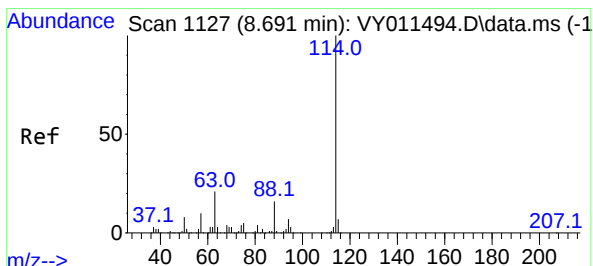
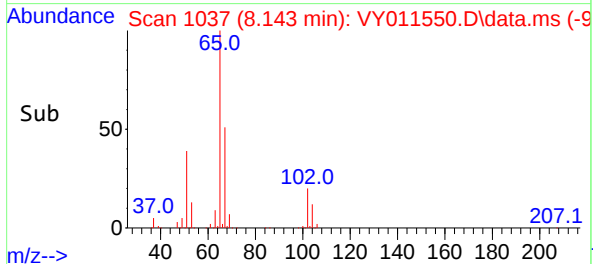
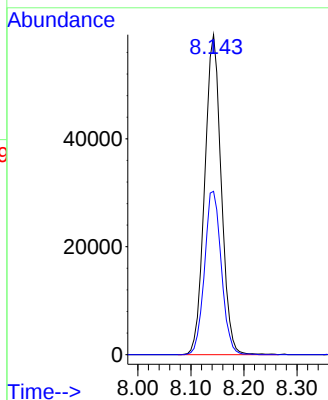
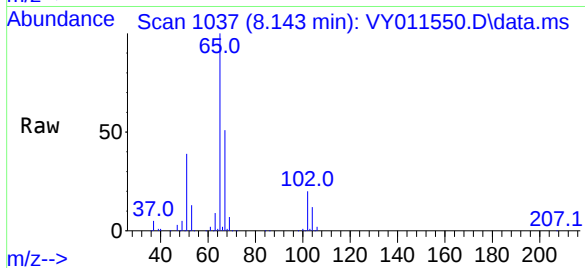




#33
1,2-Dichloroethane-d4
Concen: 66.170 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

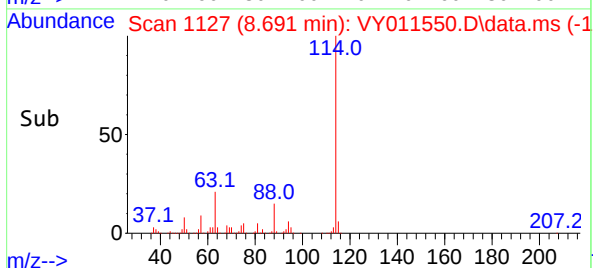
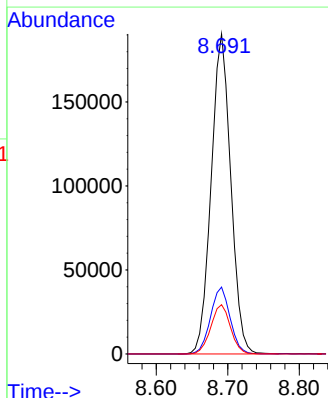
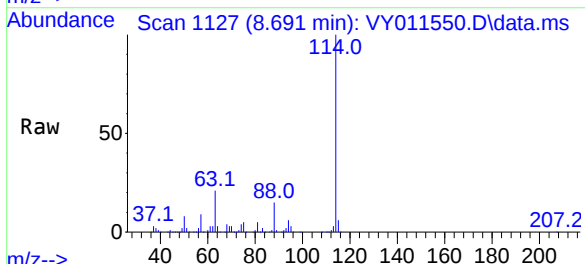
Instrument :
MSVOA_Y
ClientSampleId :

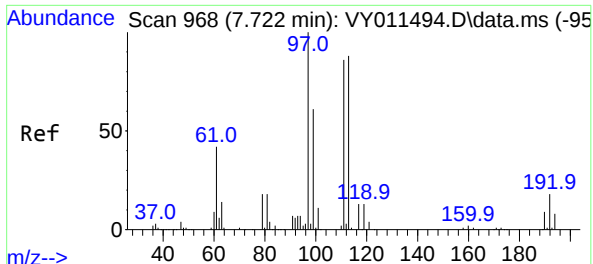
Tgt Ion: 65 Resp: 128276
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

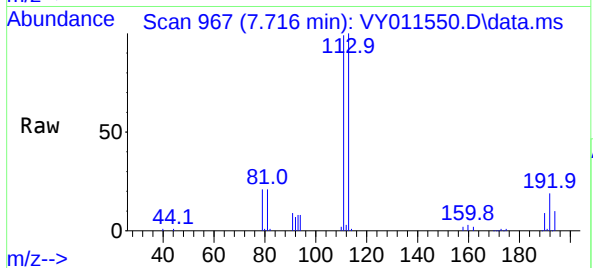
Tgt Ion: 114 Resp: 362081
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 15.4 0.0 31.8



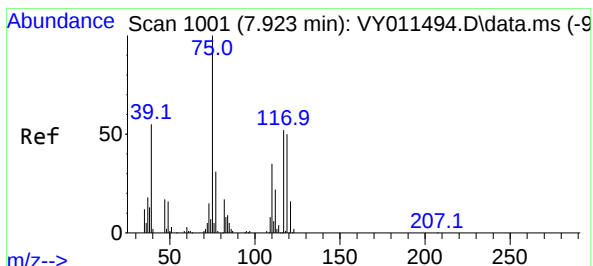
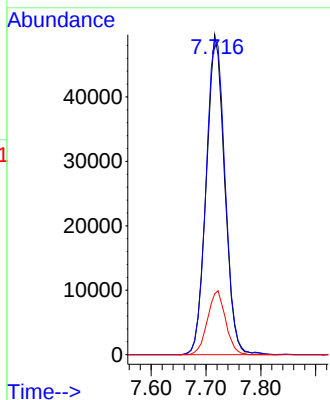
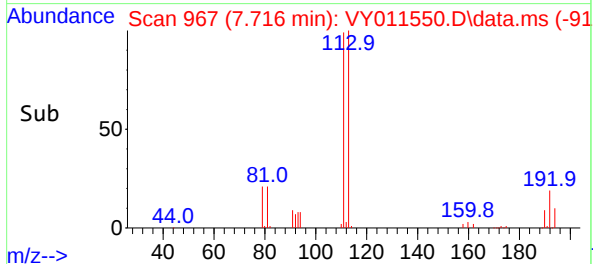


#35
Dibromofluoromethane
Concen: 51.667 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

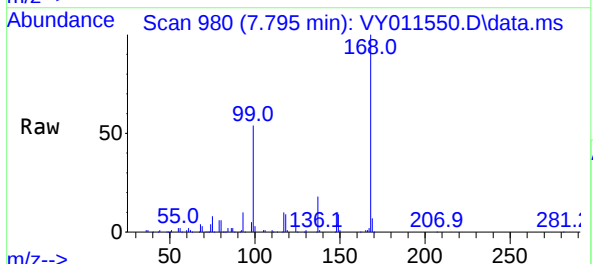
Instrument :
MSVOA_Y
ClientSampleId :



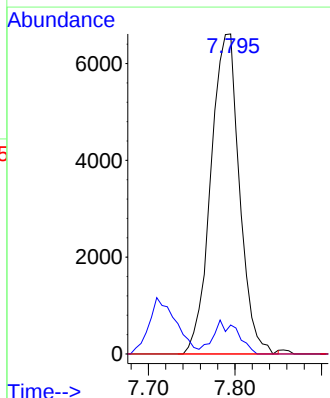
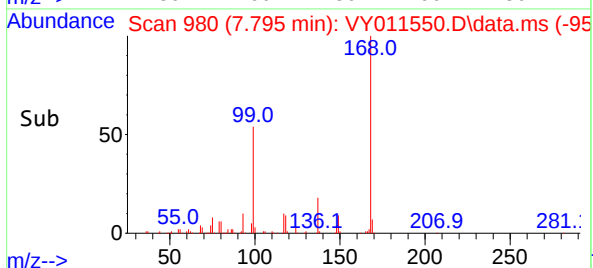
Tgt Ion:113 Resp: 115163
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.7 17.6 26.4

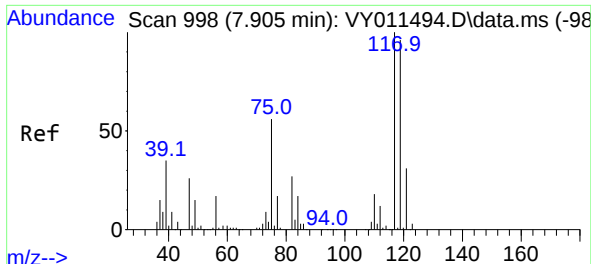


#36
1,1-Dichloropropene
Concen: 4.360 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01



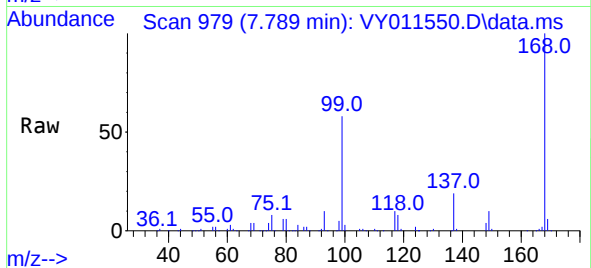
Tgt Ion: 75 Resp: 15191
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



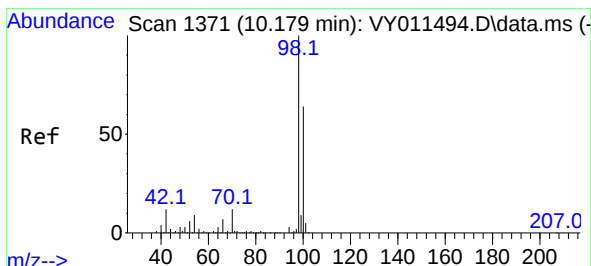
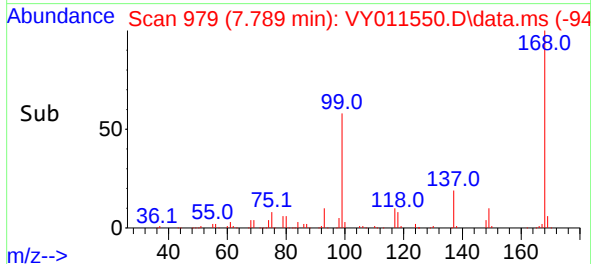
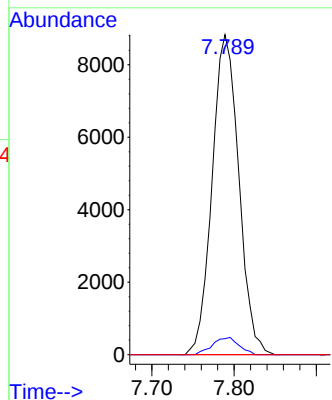


#38
Carbon Tetrachloride
Concen: 5.112 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Instrument :
MSVOA_Y
ClientSampleId :

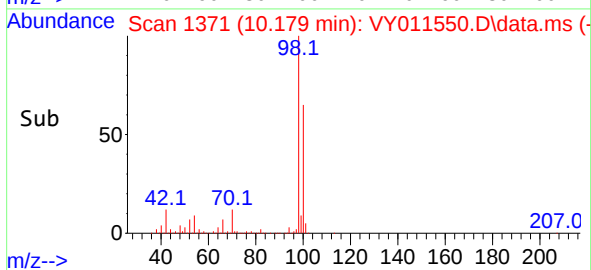
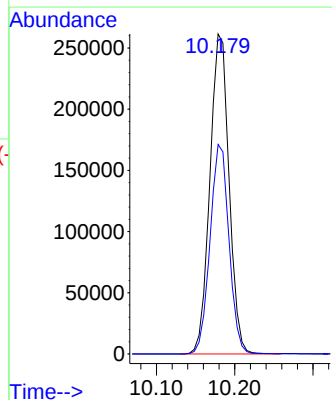
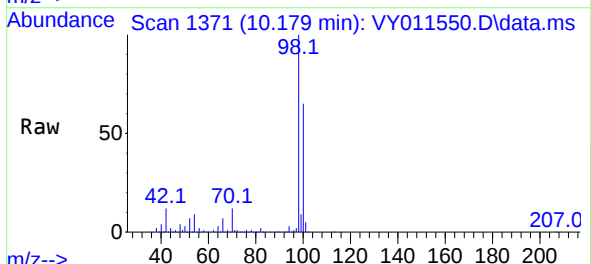


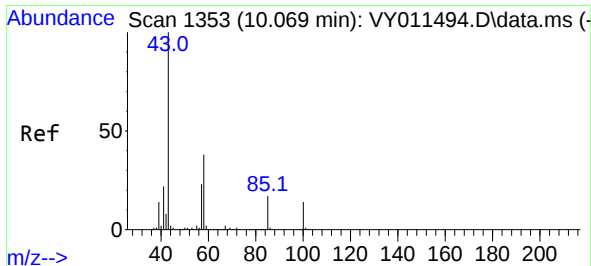
Tgt Ion:117 Resp: 19926
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.680 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Tgt Ion: 98 Resp: 442893
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

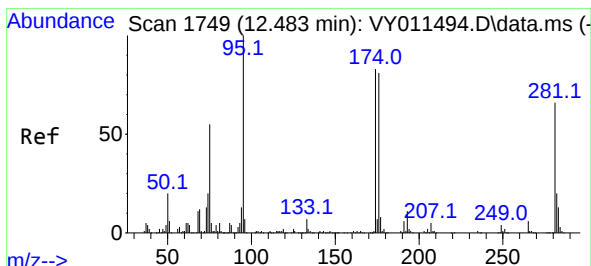
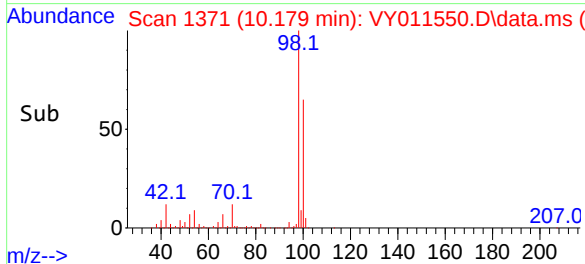
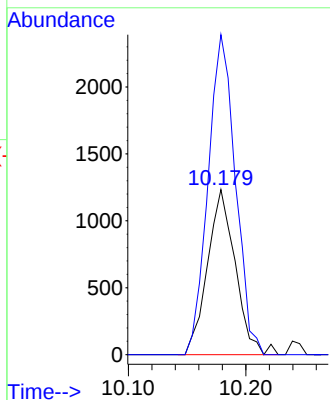
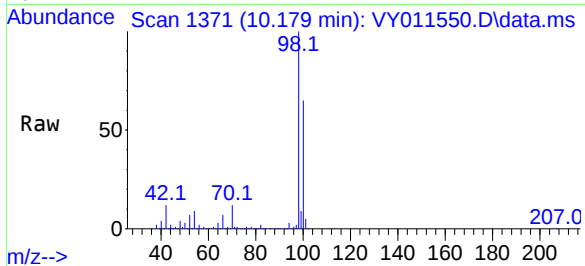




#51
4-Methyl-2-Pentanone
Concen: 1.022 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

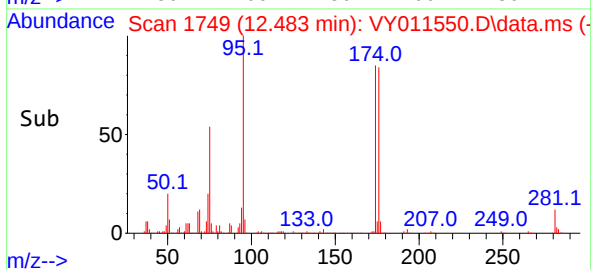
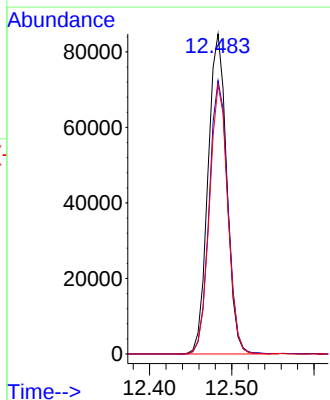
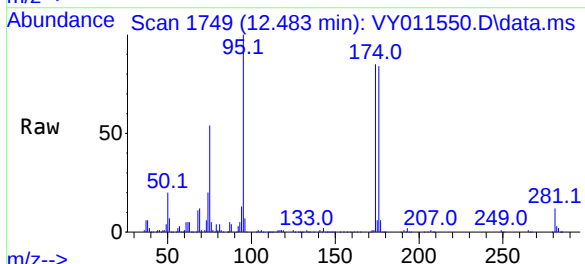
Instrument :
MSVOA_Y
ClientSampleId :

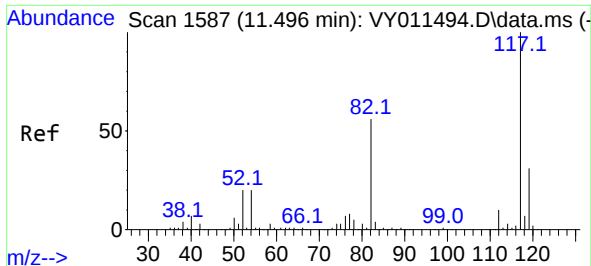
Tgt Ion: 43 Resp: 2033
Ion Ratio Lower Upper
43 100
58 190.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 44.696 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Tgt Ion: 95 Resp: 133852
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.2 0.0 175.8

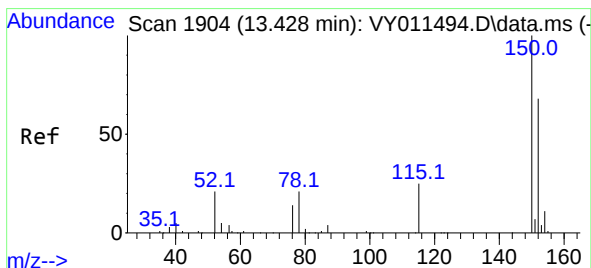
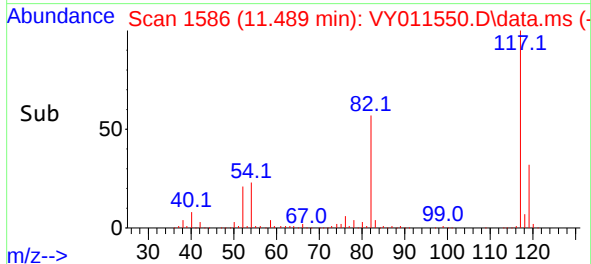
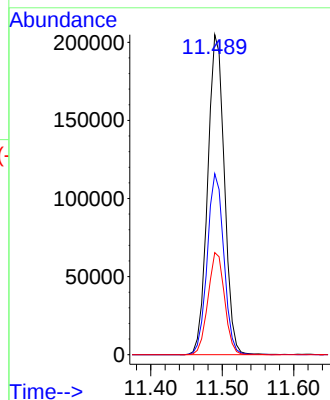
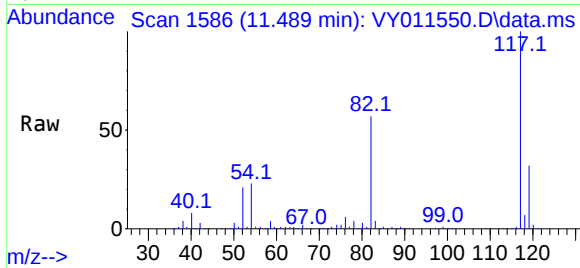




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

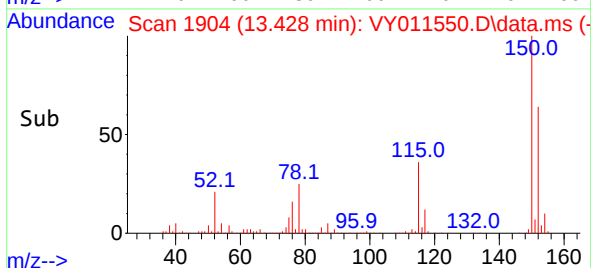
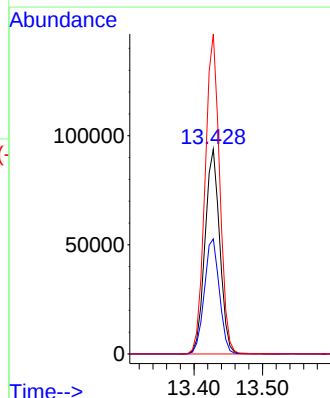
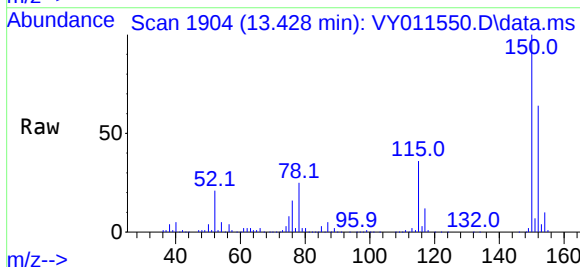
Instrument :
MSVOA_Y
ClientSampleId :

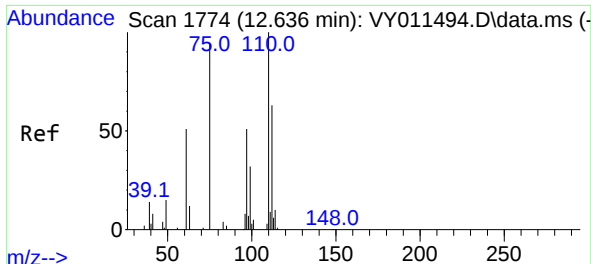
Tgt Ion:117 Resp: 332020
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Tgt Ion:152 Resp: 140505
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 155.0 0.0 347.6

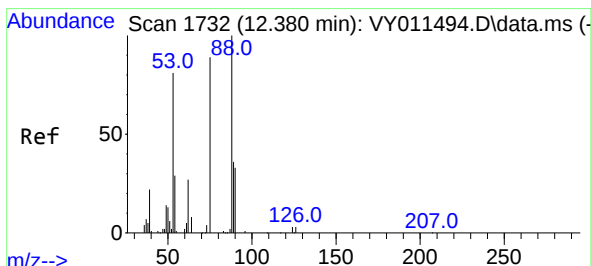
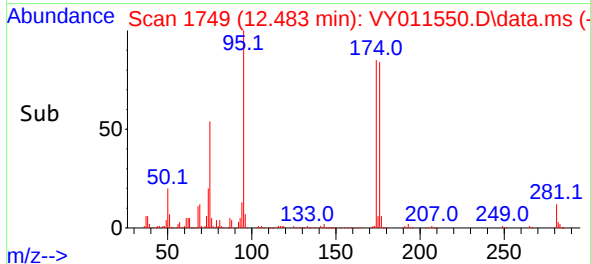
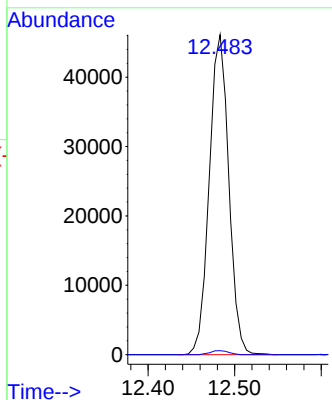
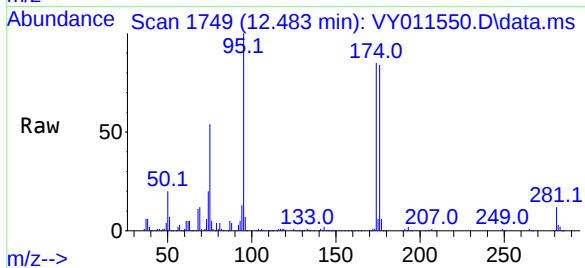




#76
1,2,3-Trichloropropane
Concen: 47.679 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

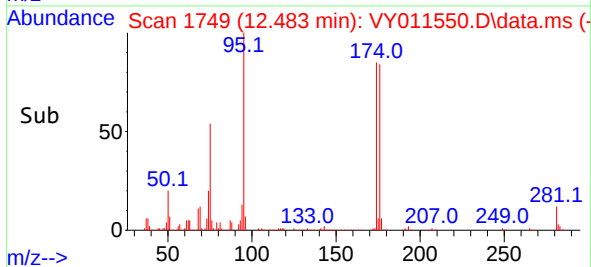
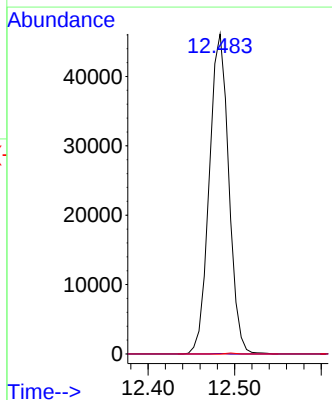
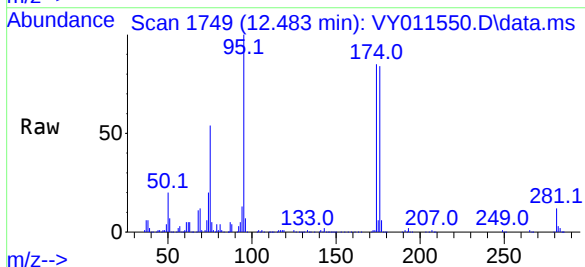
Instrument :
MSVOA_Y
ClientSampleId :

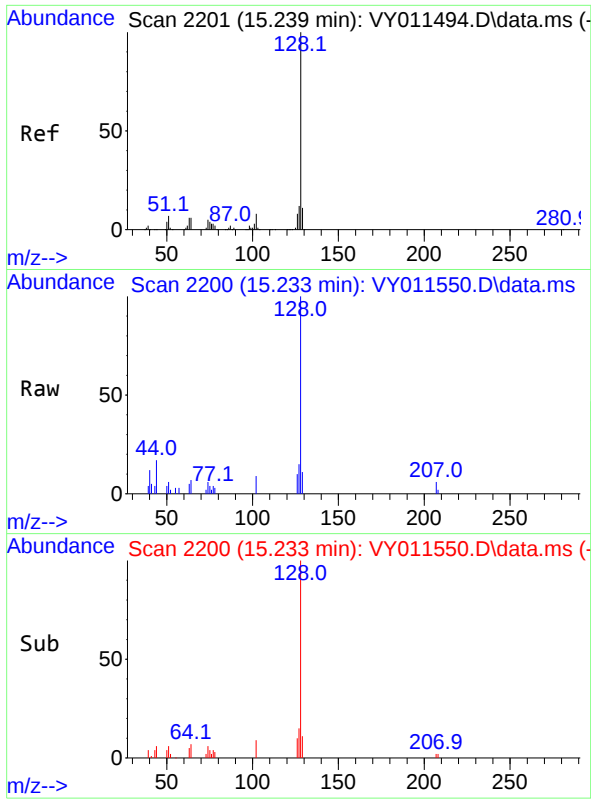
Tgt Ion: 75 Resp: 72145
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.433 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Tgt Ion: 75 Resp: 72145
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 4.985 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011550.D
Acq: 22 Nov 2022 16:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	128	Resp:	5225
Ion	Ratio	Lower	Upper
128	100		
127	12.8	11.0	16.4
129	12.2	8.4	12.6

