

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009795.D
 Acq On : 01 Aug 2022 14:41
 Operator : KP/MD
 Sample : N3935-05
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-136

Quant Time: Aug 02 01:39:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

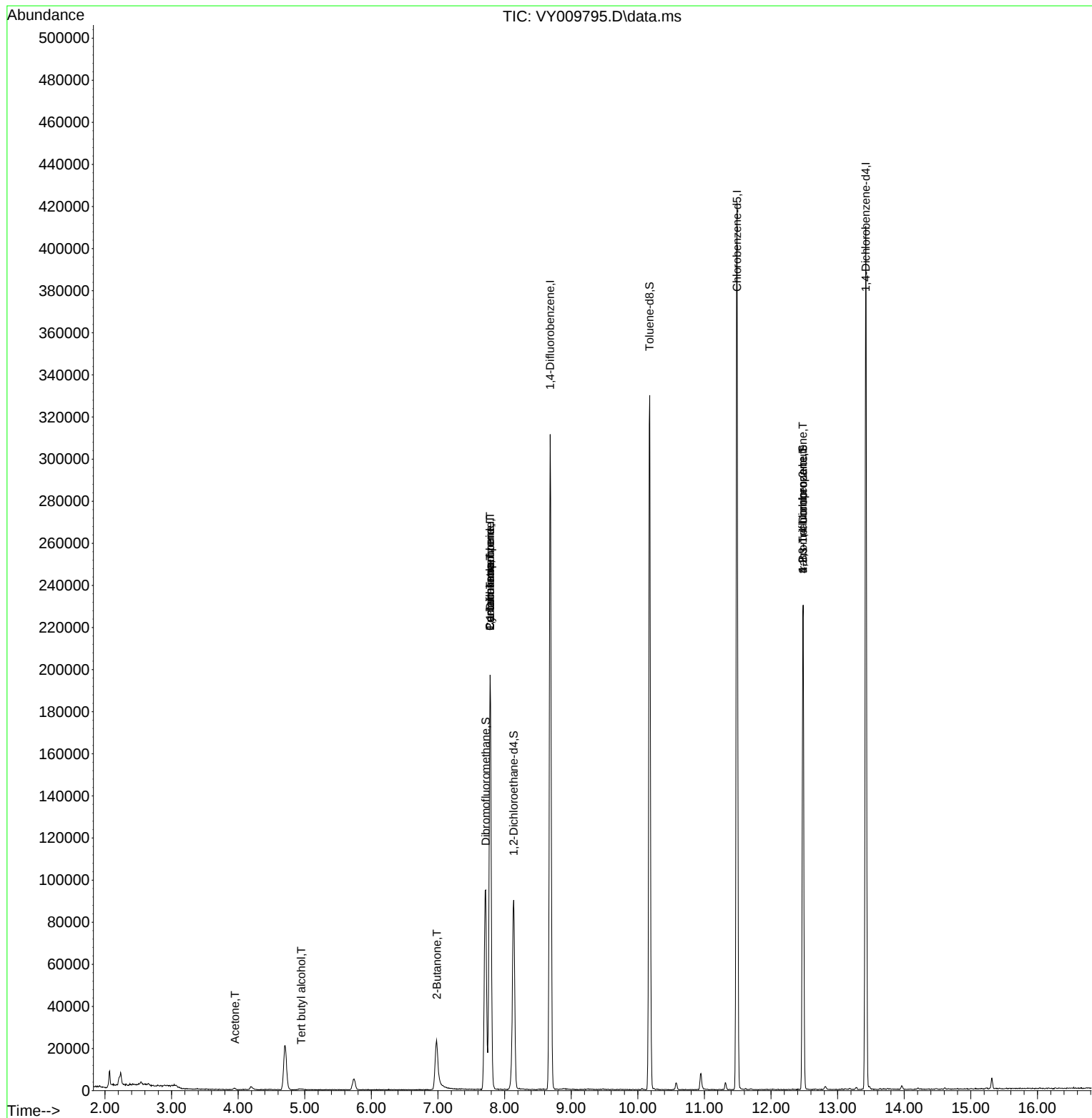
Internal Standards						
1) Pentafluorobenzene	7.783	168	161465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67748	64.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.080%	
35) Dibromofluoromethane	7.716	113	68663	46.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.540%	
50) Toluene-d8	10.179	98	220159	51.626	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.477	95	65743	33.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 67.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	808	4.286	ug/l #	77
16) Acetone	3.954	43	995	2.577	ug/l #	86
18) Methyl Acetate	4.479	43	288	Below Cal	#	56
20) Methylene Chloride	4.698	84	16492	Below Cal	#	77
25) 2-Butanone	6.984	43	1230	2.160	ug/l #	79
31) Cyclohexane	7.783	56	2966	1.155	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10694	4.476	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14257	5.569	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	33526	32.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33526	65.315	ug/l #	7

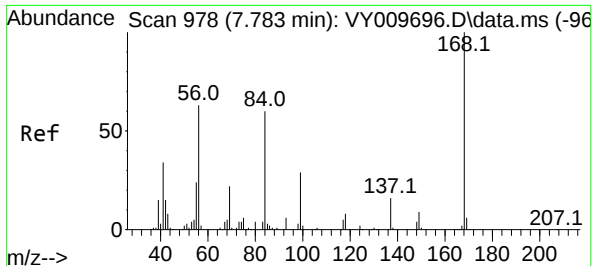
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
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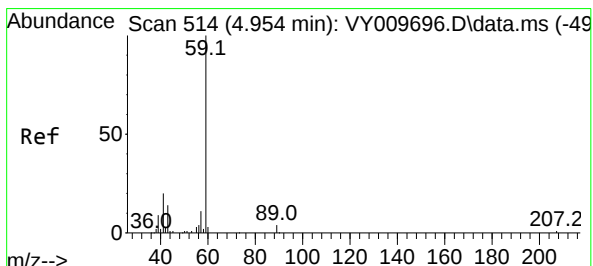
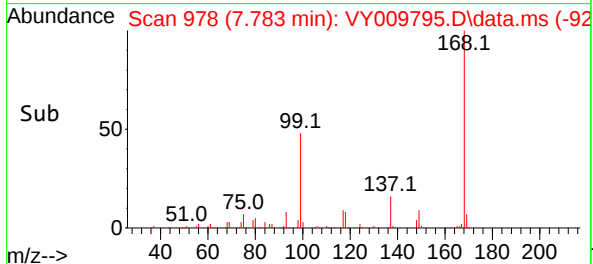
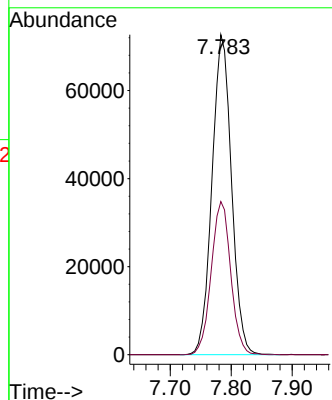
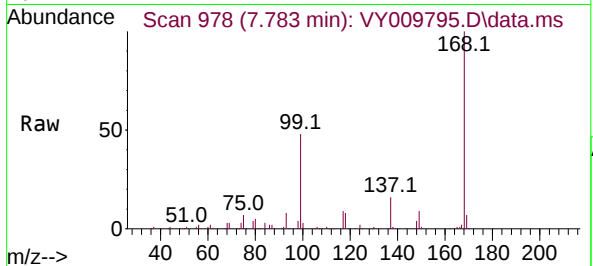




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

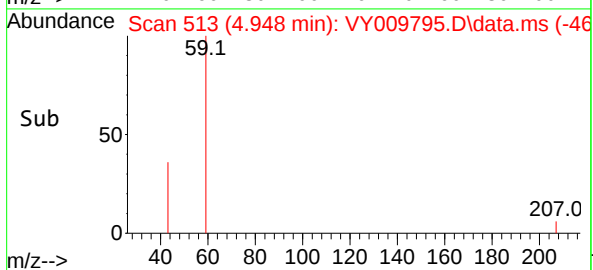
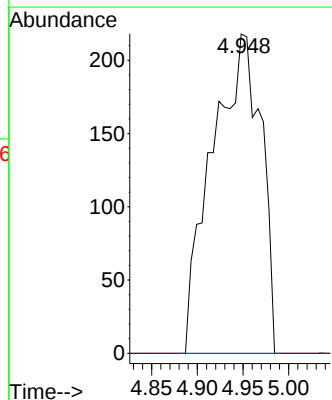
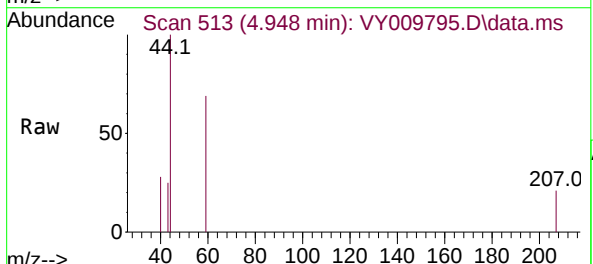
Instrument :
MSVOA_Y
ClientSampleId :
RVE-136

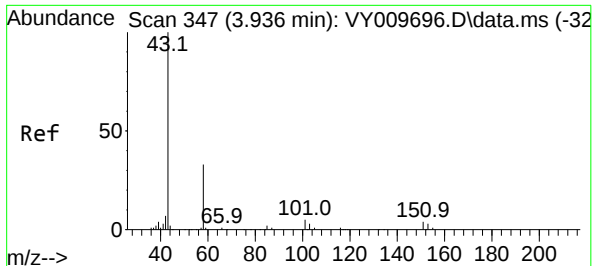
Tgt Ion:168 Resp: 161465
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.286 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion: 59 Resp: 808
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

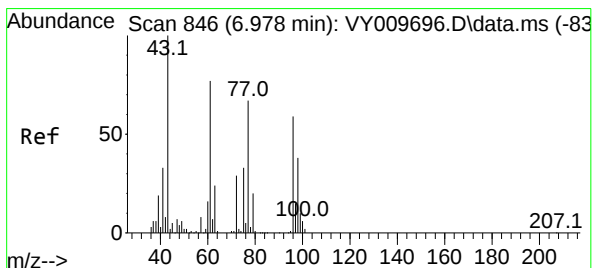
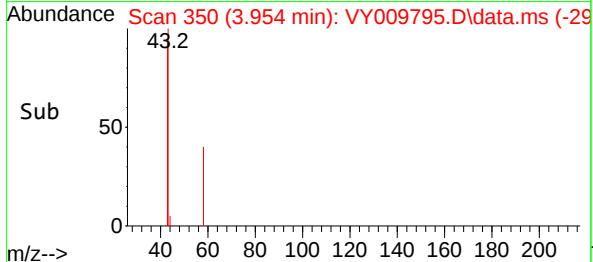
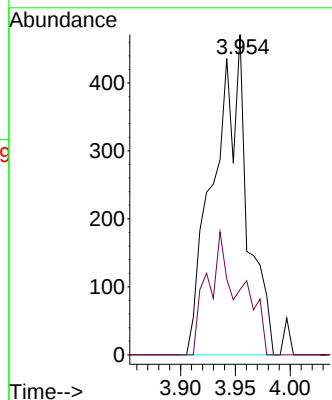
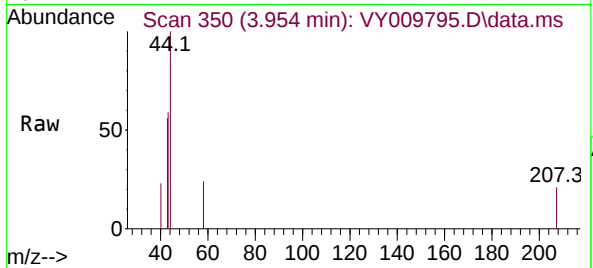




#16
Acetone
Concen: 2.577 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

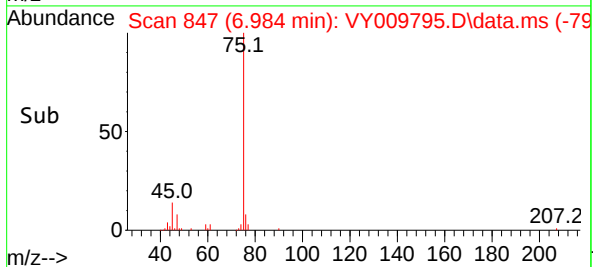
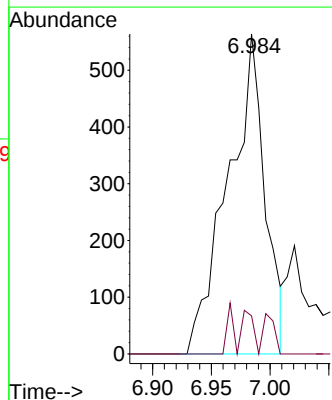
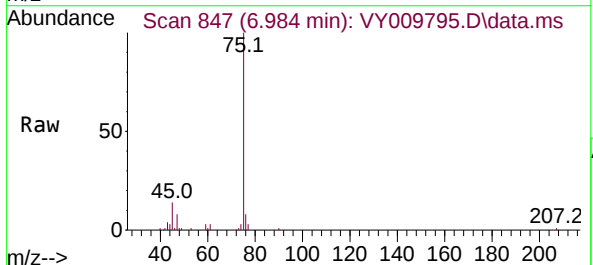
Instrument :
MSVOA_Y
ClientSampleId :
RVE-136

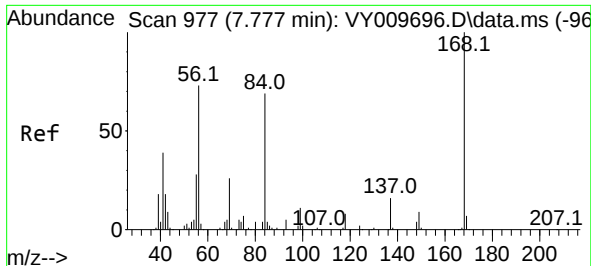
Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 20.4 22.0 33.0#



#25
2-Butanone
Concen: 2.160 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
72 11.9 17.7 26.5#

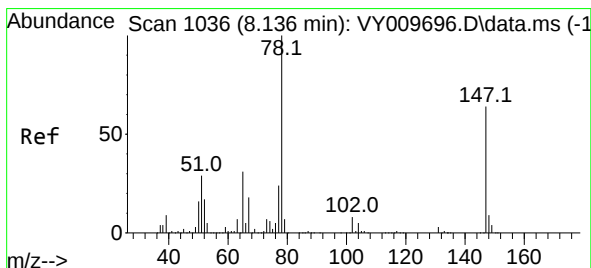
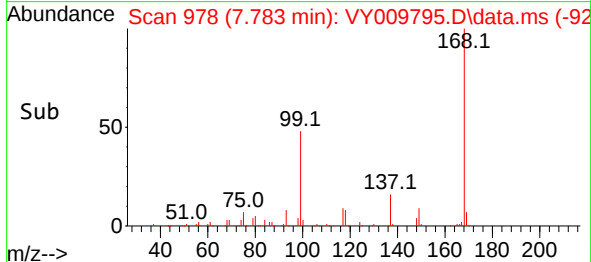
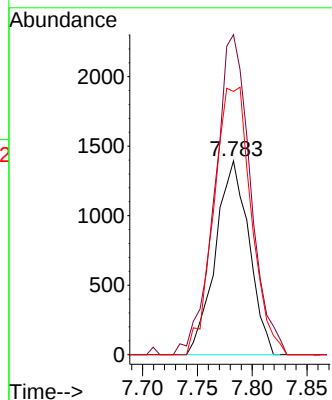
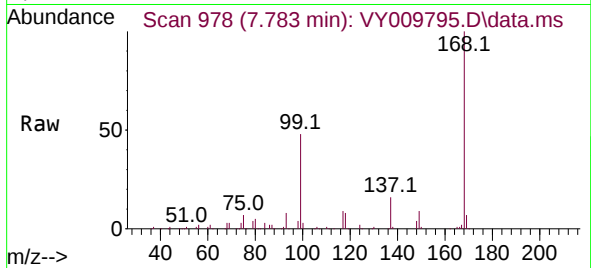




#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

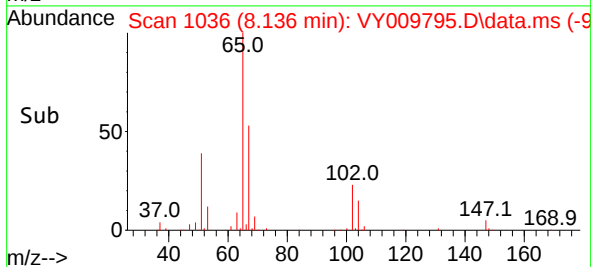
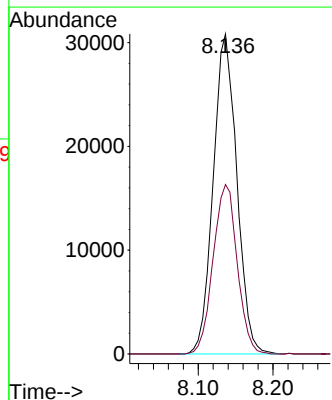
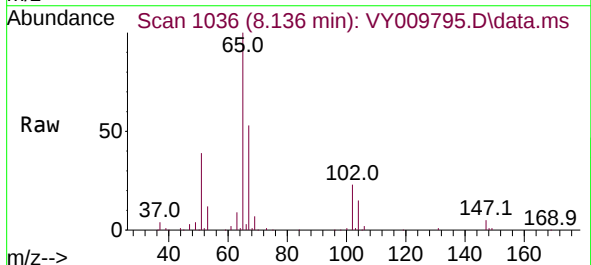
Instrument :
MSVOA_Y
ClientSampleId :
RVE-136

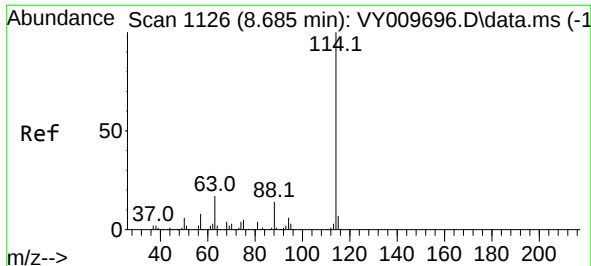
Tgt Ion: 56 Resp: 2966
Ion Ratio Lower Upper
56 100
69 159.5 26.7 40.1#
84 135.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.539 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion: 65 Resp: 67748
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

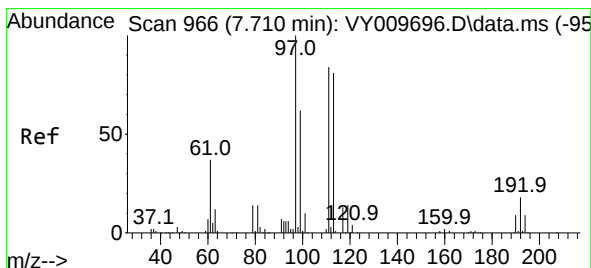
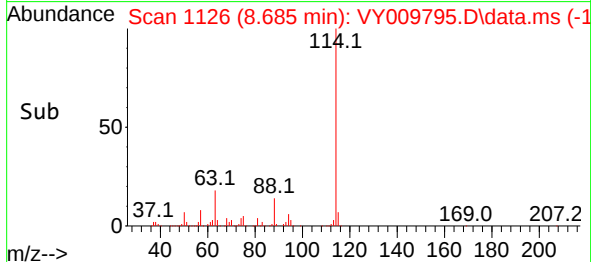
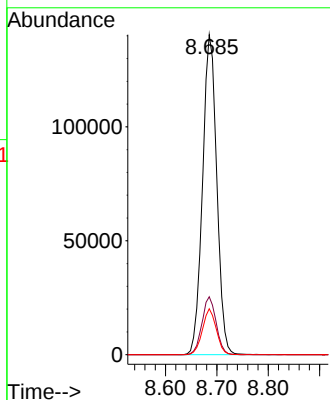
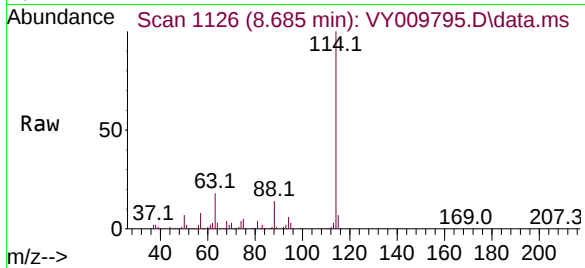




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

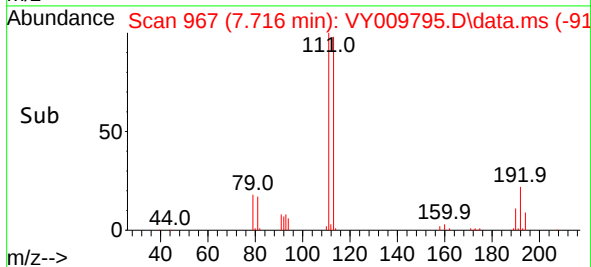
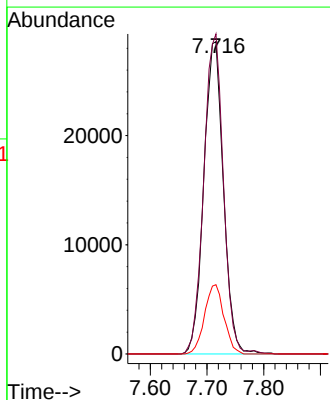
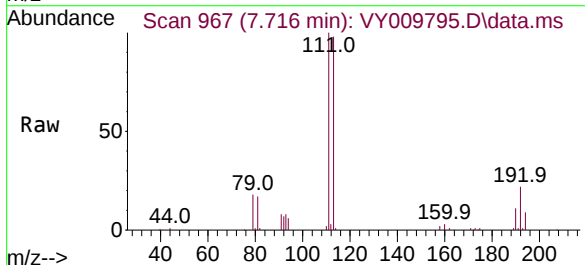
Instrument :
MSVOA_Y
ClientSampleId :
RVE-136

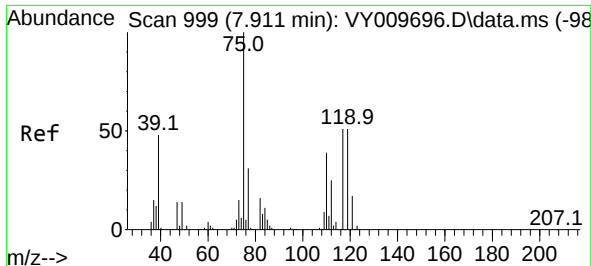
Tgt Ion:114 Resp: 269954
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.767 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion:113 Resp: 68663
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 22.0 17.6 26.4

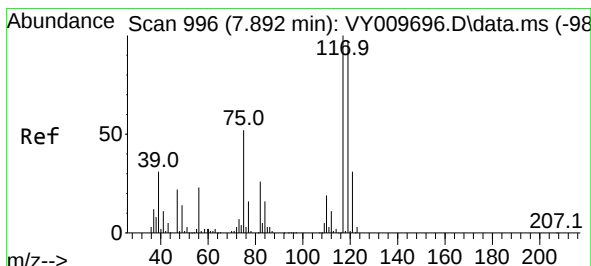
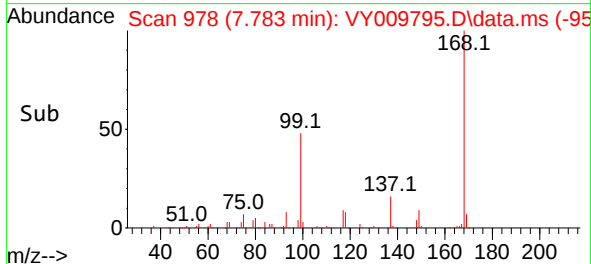
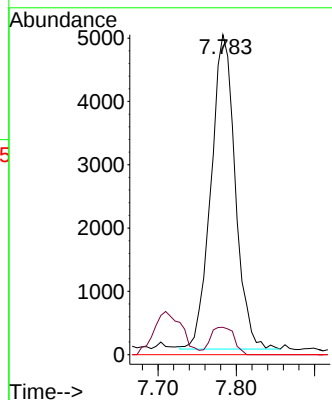
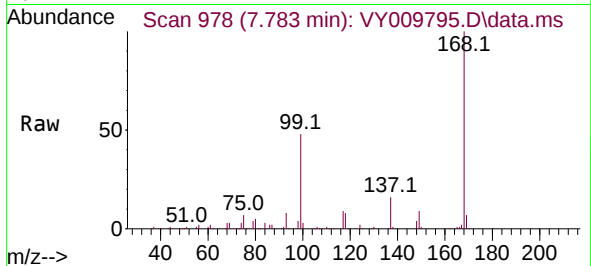




#36
1,1-Dichloropropene
Concen: 4.476 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

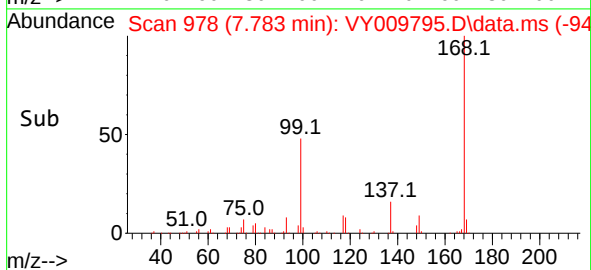
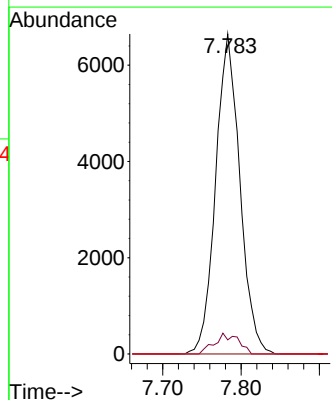
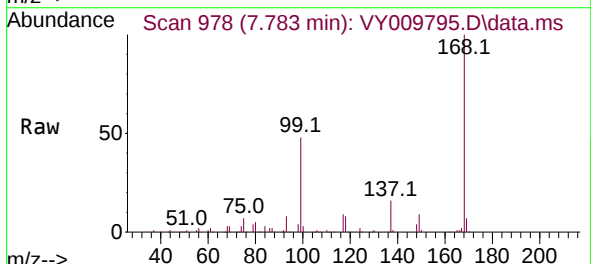
Instrument :
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ClientSampleId :
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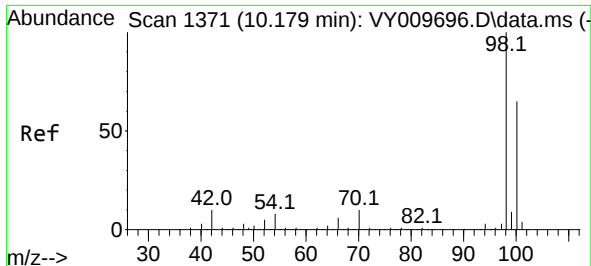
Tgt Ion: 75 Resp: 10694
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.569 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion: 117 Resp: 14257
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#

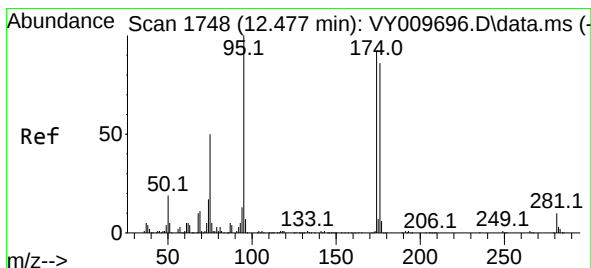
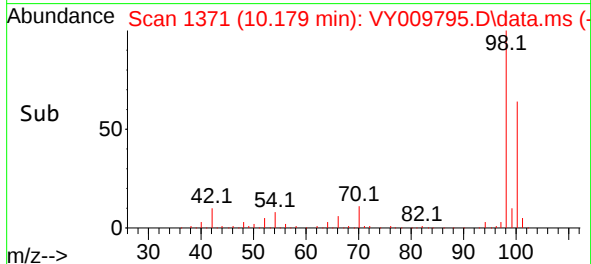
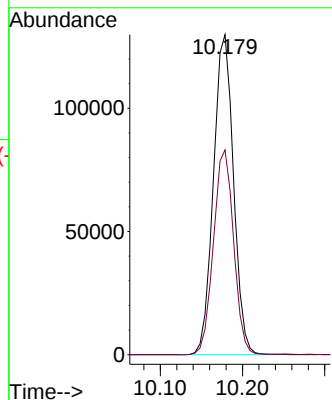
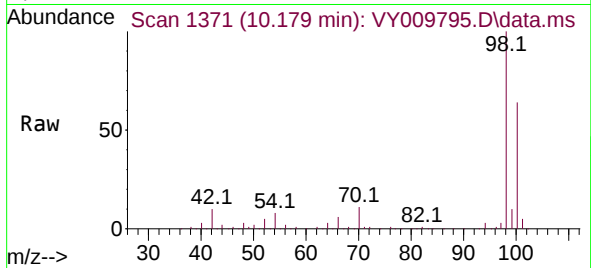




#50
Toluene-d8
Concen: 51.626 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

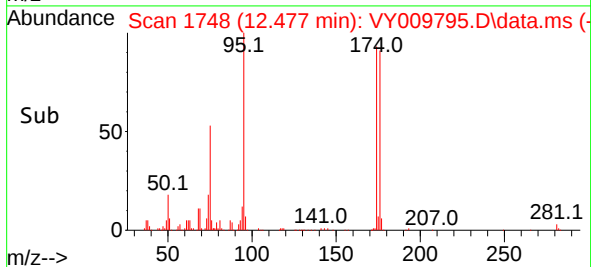
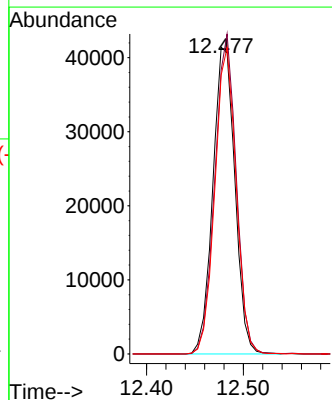
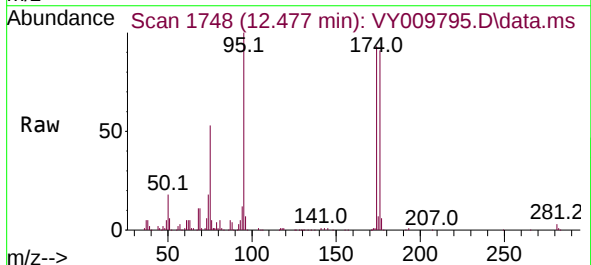
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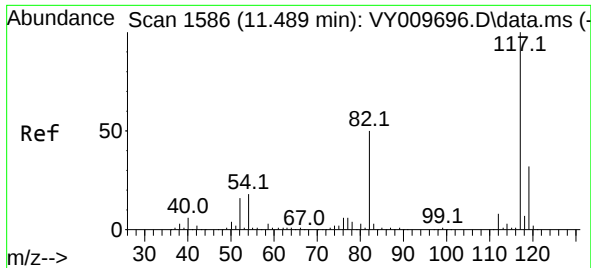
Tgt Ion: 98 Resp: 220159
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.769 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion: 95 Resp: 65743
Ion Ratio Lower Upper
95 100
174 100.7 0.0 177.0
176 96.0 0.0 175.8

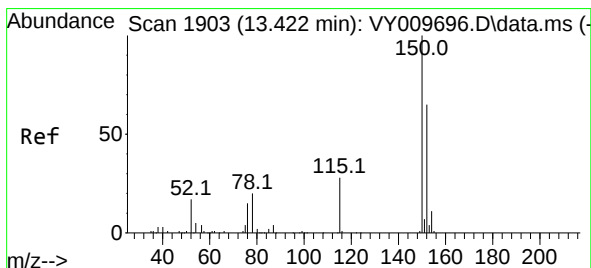
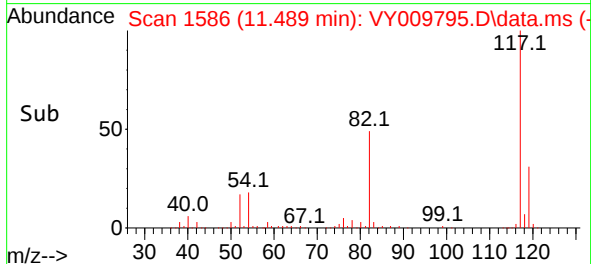
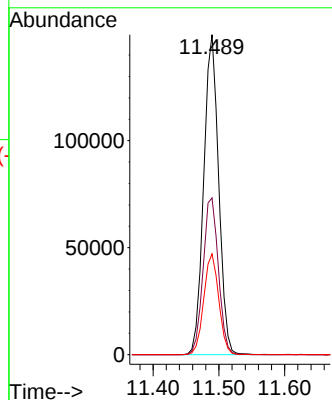
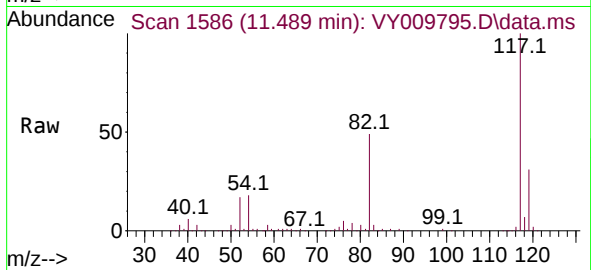




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

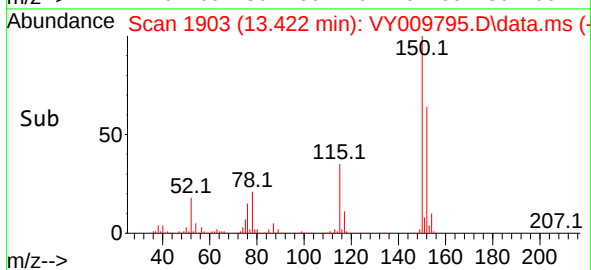
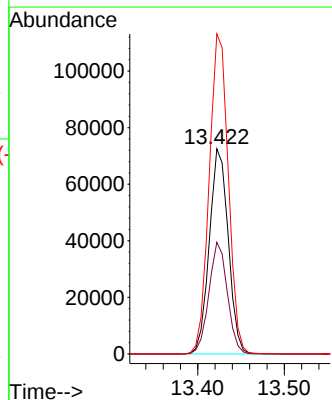
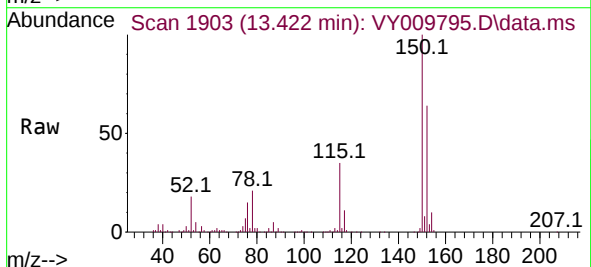
Instrument :
MSVOA_Y
ClientSampleId :
RVE-136

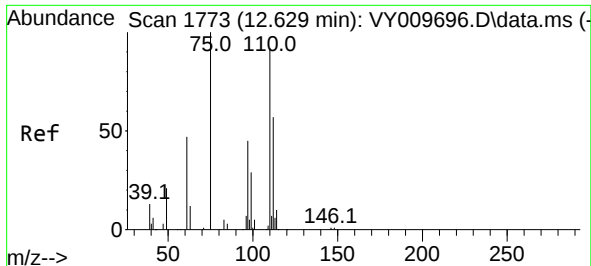
Tgt Ion:117 Resp: 235919
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion:152 Resp: 110152
Ion Ratio Lower Upper
152 100
115 53.1 28.2 84.7
150 157.4 0.0 347.6

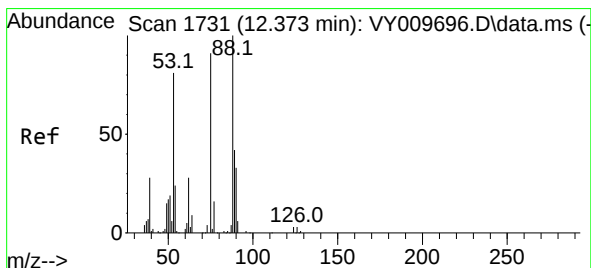
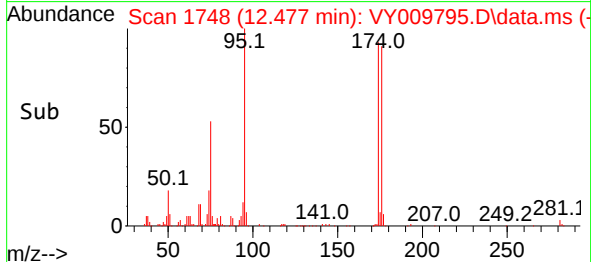
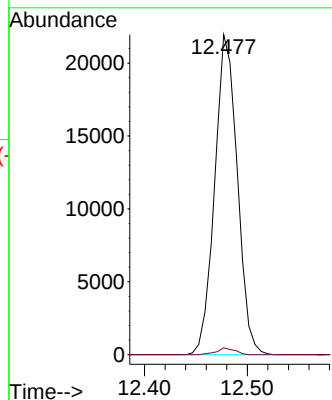
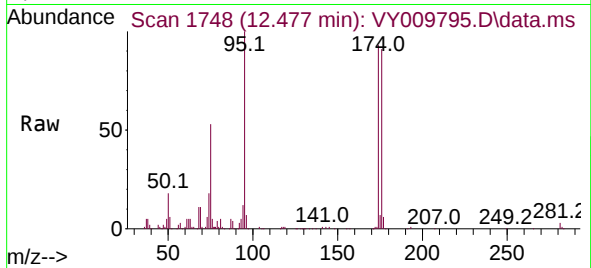




#76
1,2,3-Trichloropropane
Concen: 32.767 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Instrument :
MSVOA_Y
ClientSampleId :
RVE-136

Tgt Ion: 75 Resp: 33526
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.315 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion: 75 Resp: 33526
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

