

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005670.D
 Acq On : 16 Aug 2021 15:08
 Operator : SY/MD
 Sample : M3431-01
 Misc : 6.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1

Quant Time: Aug 17 05:19:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

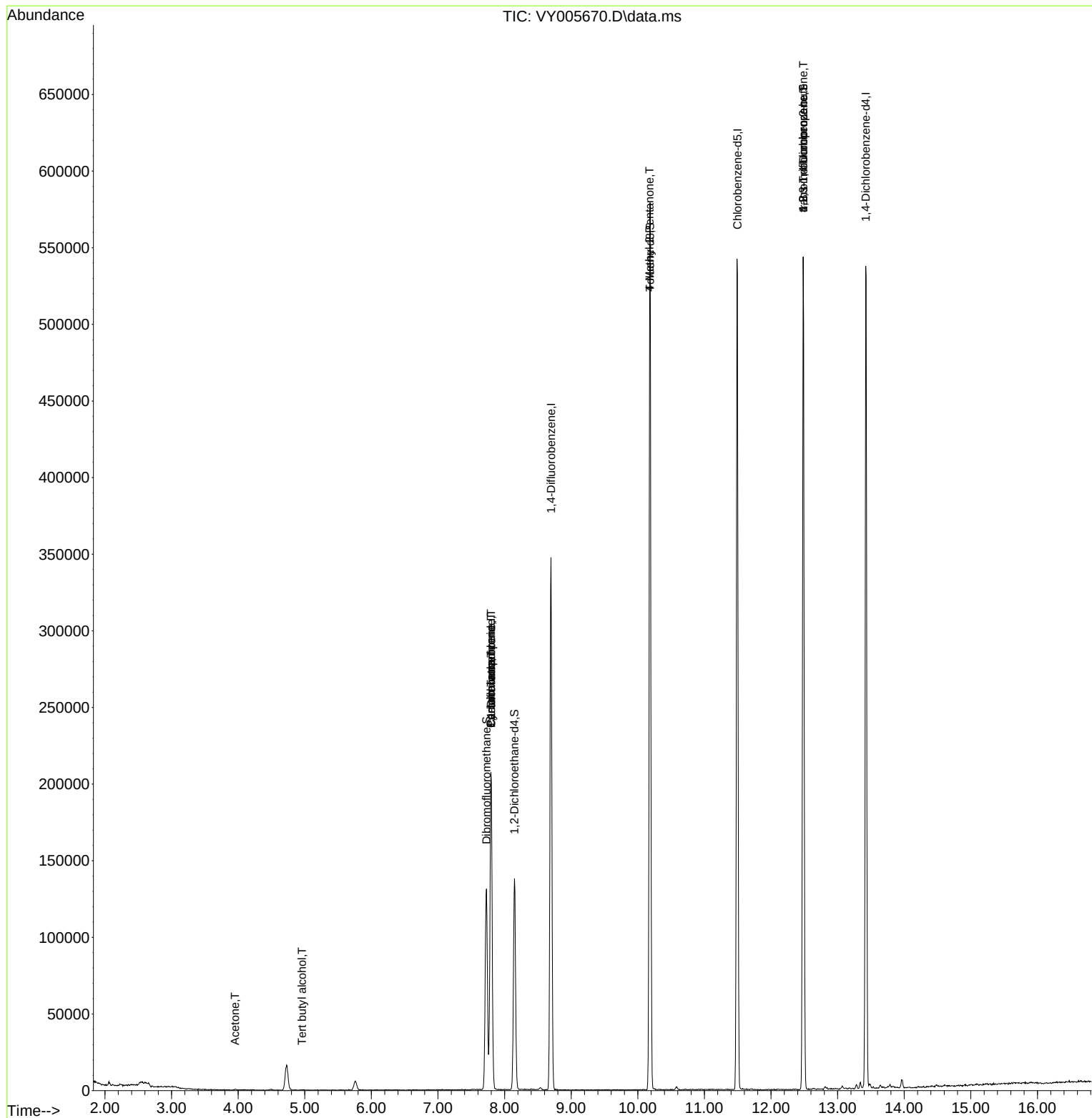
Internal Standards						
1) Pentafluorobenzene	7.795	168	169826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	288515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112624	65.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.020%	
35) Dibromofluoromethane	7.728	113	88635	54.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.185	98	368819	54.442	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.483	95	124599	55.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	292	1.718	ug/l #	73
16) Acetone	3.954	43	930	2.146	ug/l #	74
31) Cyclohexane	7.795	56	3495	1.185	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	12286	4.540	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15559	5.290	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1722	1.054	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	71692	49.190	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71692	99.160	ug/l #	11

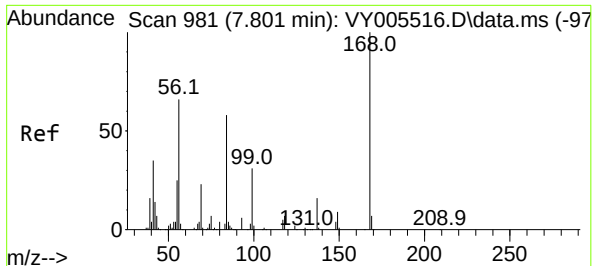
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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1

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
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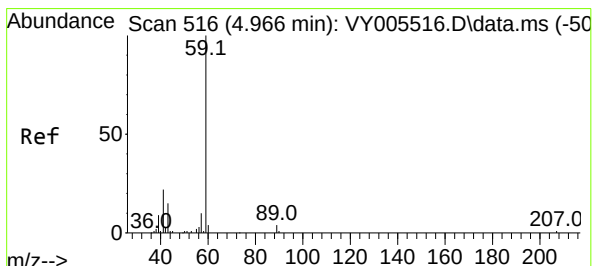
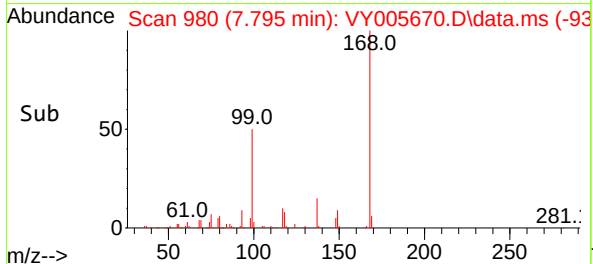
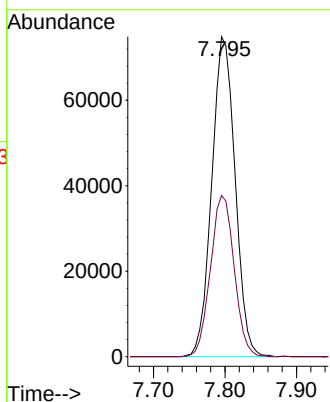
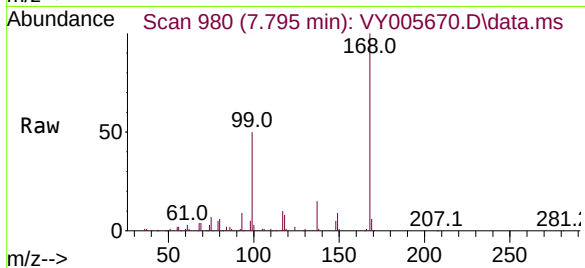




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

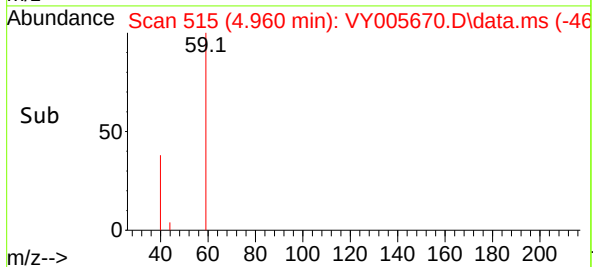
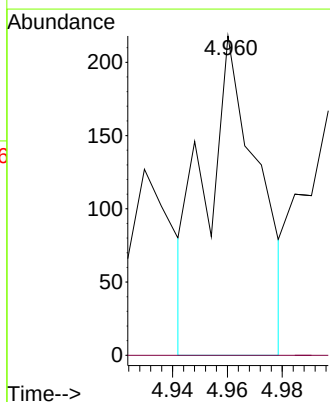
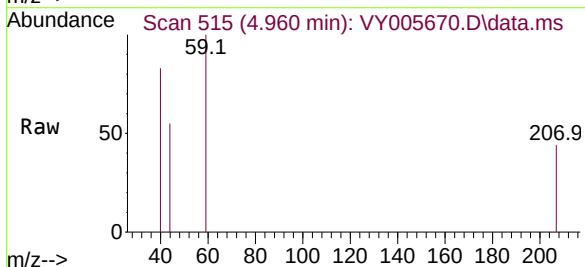
Instrument :
MSVOA_Y
ClientSampleId :
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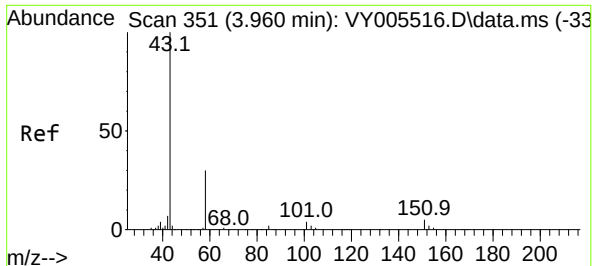
Tgt Ion:168 Resp: 169826
Ion Ratio Lower Upper
168 100
99 50.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.718 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

Tgt Ion: 59 Resp: 292
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

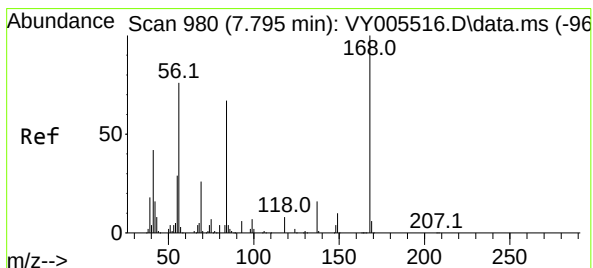
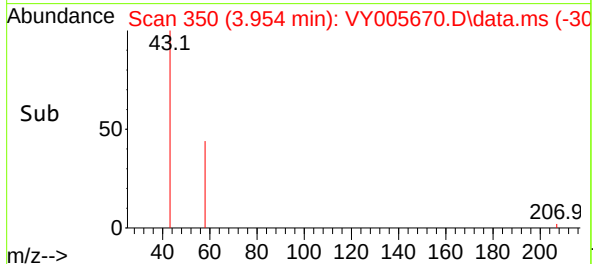
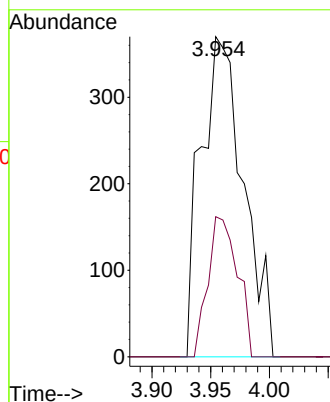
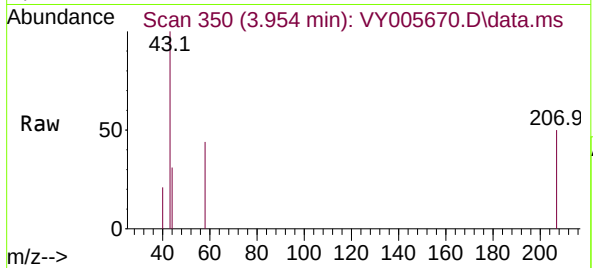




#16
Acetone
Concen: 2.146 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

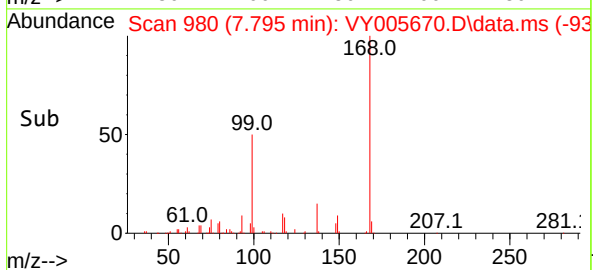
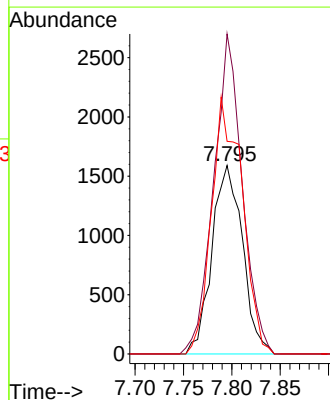
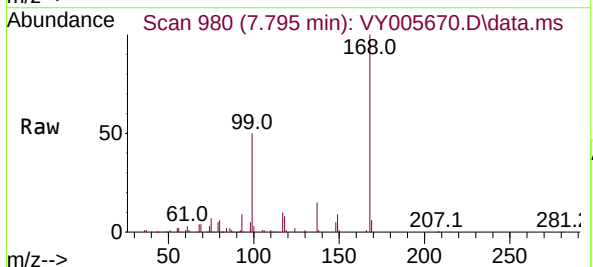
Instrument :
MSVOA_Y
ClientSampled :
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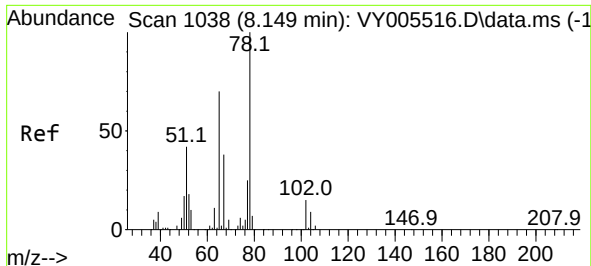
Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
58 43.8 23.8 35.6#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

Tgt Ion: 56 Resp: 3495
Ion Ratio Lower Upper
56 100
69 169.8 27.7 41.5#
84 112.8 70.9 106.3#

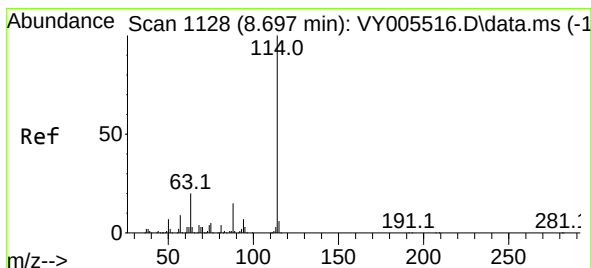
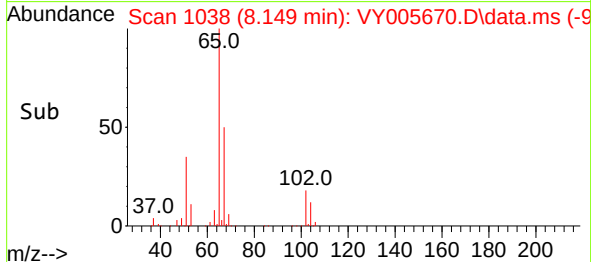
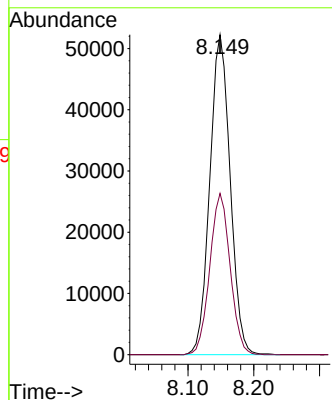
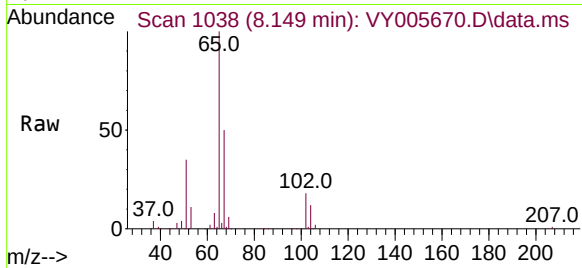




#33
 1,2-Dichloroethane-d4
 Concen: 65.515 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005670.D
 Acq: 16 Aug 2021 15:08

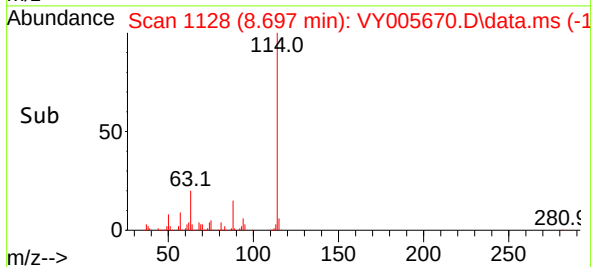
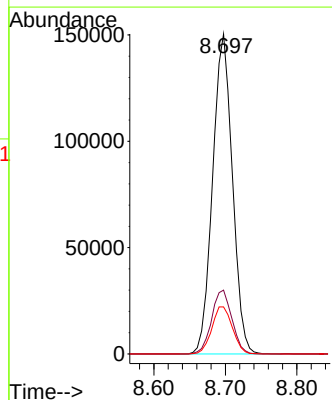
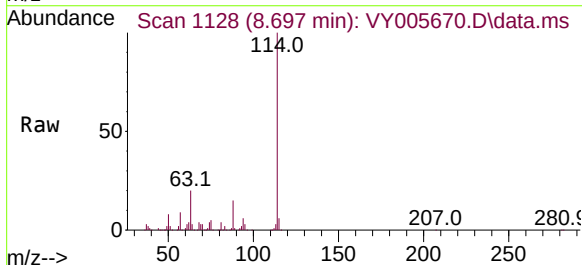
Instrument :
 MSVOA_Y
 ClientSampled :
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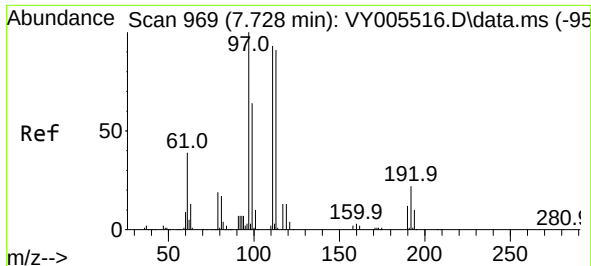
Tgt Ion: 65 Resp: 112624
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005670.D
 Acq: 16 Aug 2021 15:08

Tgt Ion: 114 Resp: 288515
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 14.7 0.0 30.8

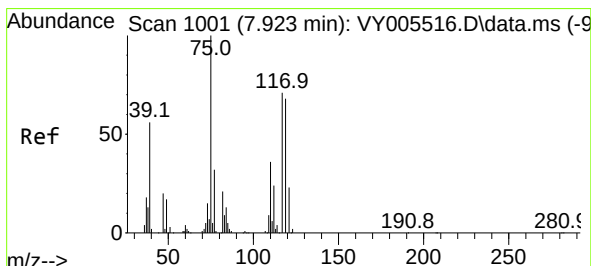
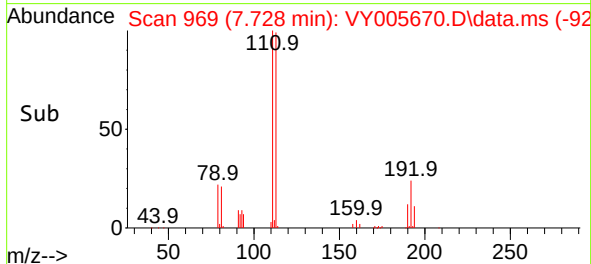
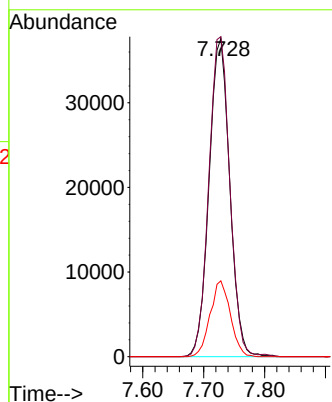
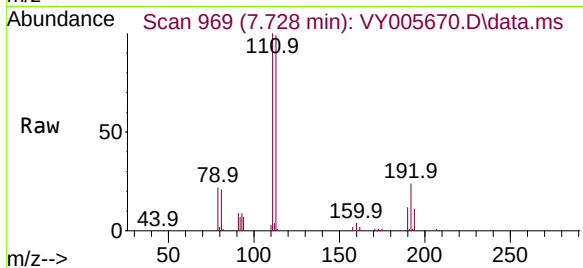




#35
Dibromofluoromethane
Concen: 54.871 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

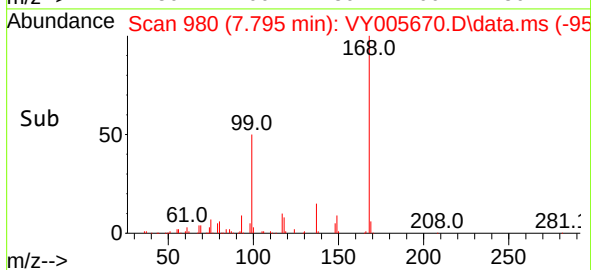
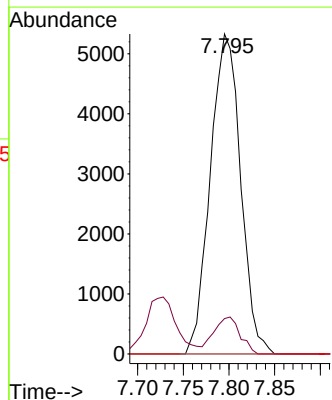
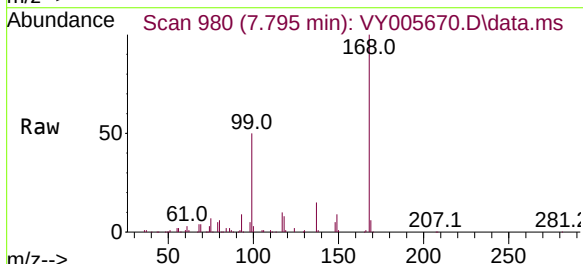
Instrument :
MSVOA_Y
ClientSampleId :
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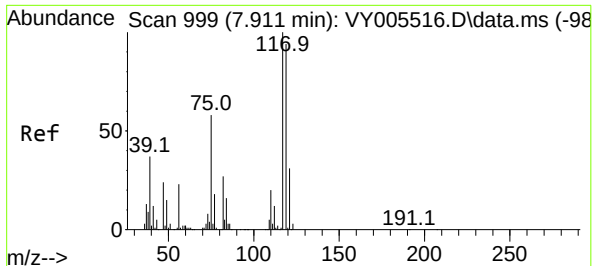
Tgt Ion:113 Resp: 88635
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 23.4 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.540 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

Tgt Ion: 75 Resp: 12286
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.1#
77 0.0 25.1 37.7#

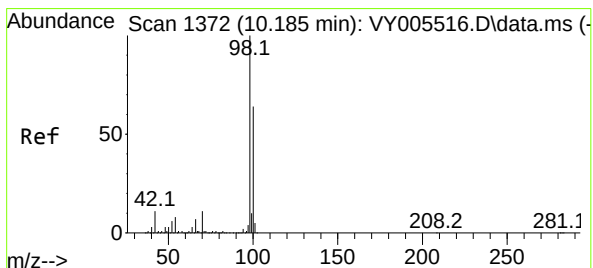
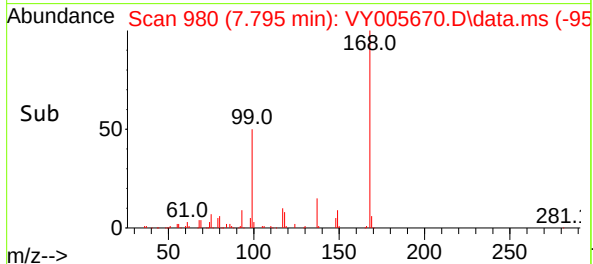
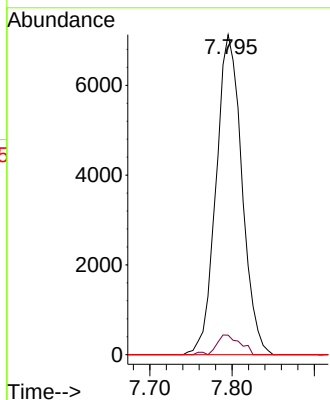
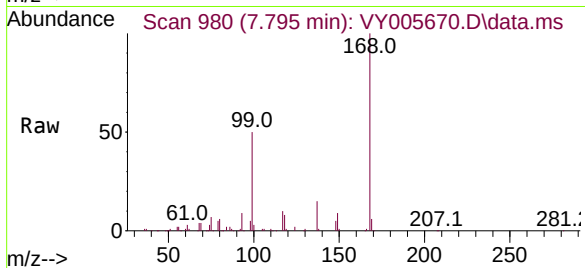




#38
Carbon Tetrachloride
Concen: 5.290 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

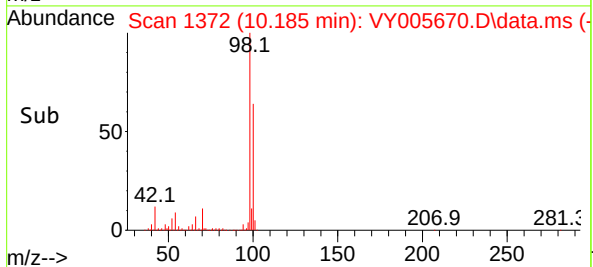
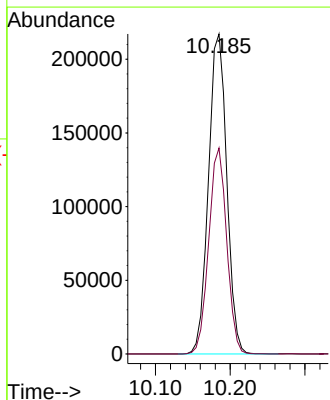
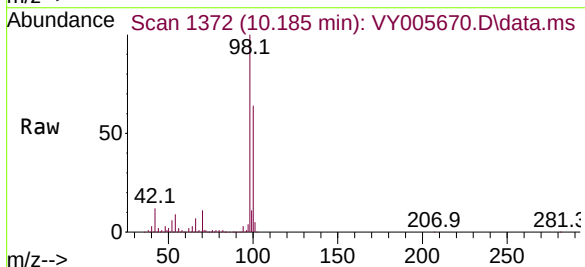
Instrument :
MSVOA_Y
ClientSampled :
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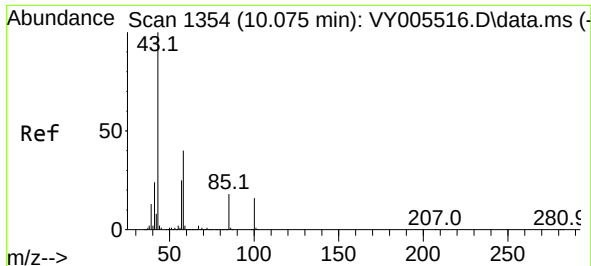
Tgt Ion:117 Resp: 15559
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.442 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

Tgt Ion: 98 Resp: 368819
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

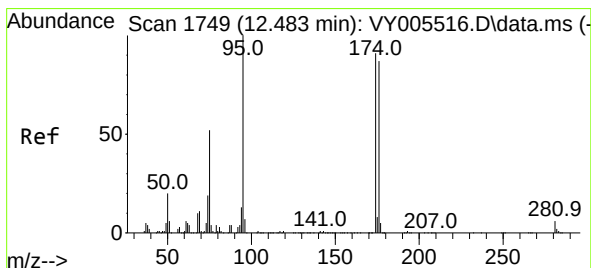
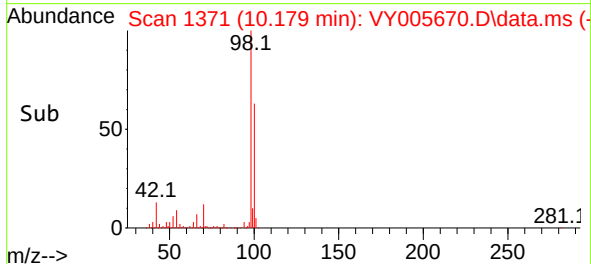
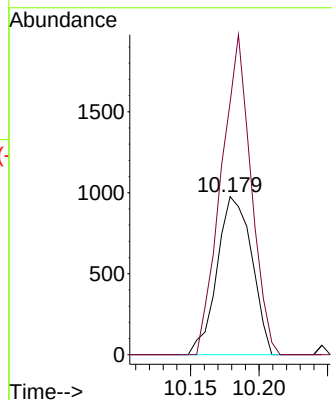
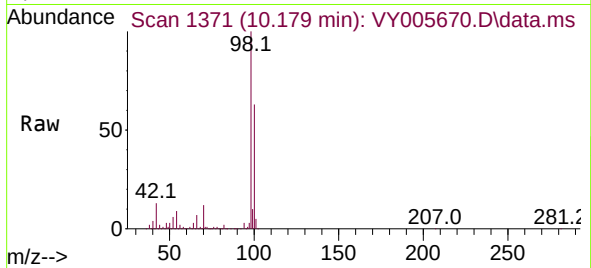




#51
4-Methyl-2-Pentanone
Concen: 1.054 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

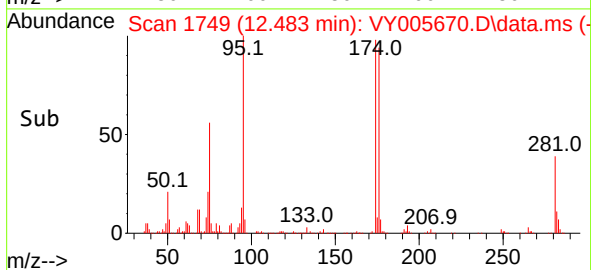
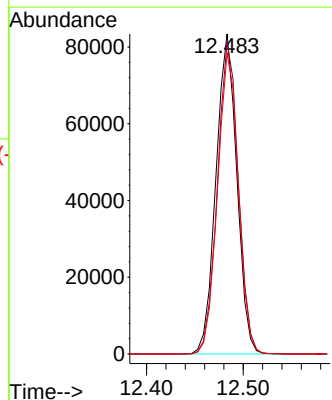
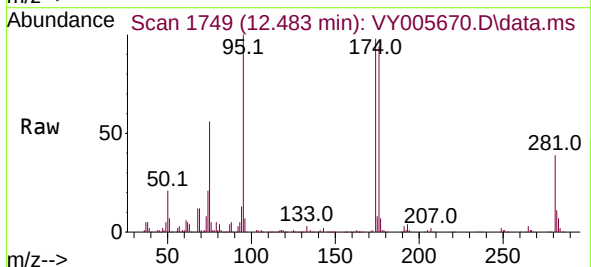
Instrument :
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ClientSampleId :
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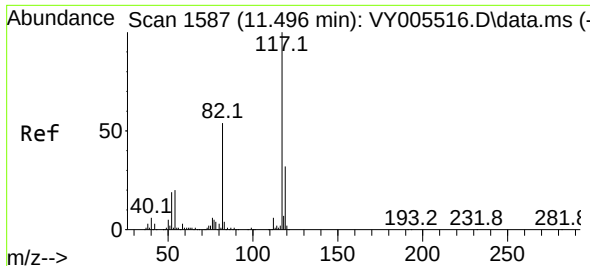
Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 174.7 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 55.540 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

Tgt Ion: 95 Resp: 124599
Ion Ratio Lower Upper
95 100
174 97.7 0.0 191.4
176 94.2 0.0 183.6

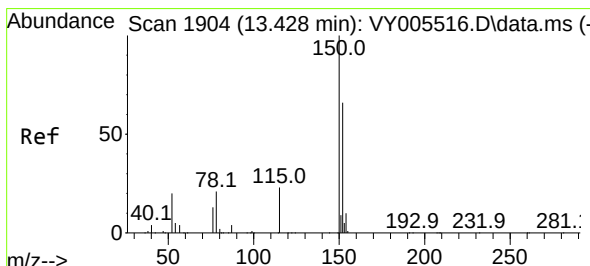
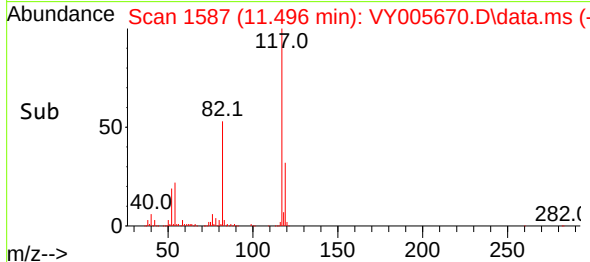
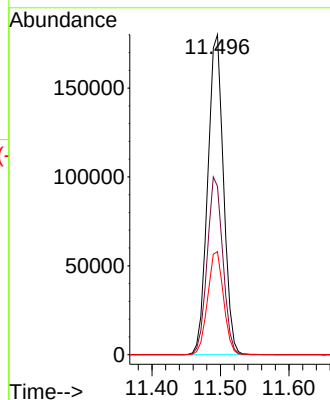
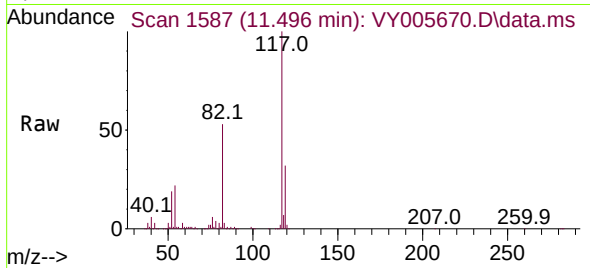




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

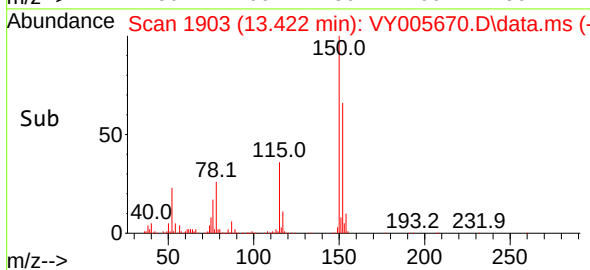
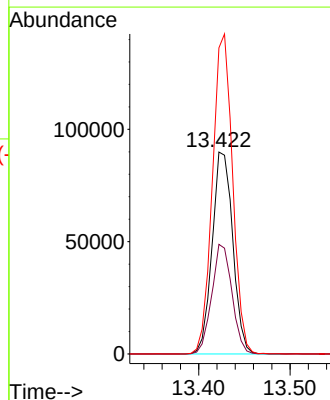
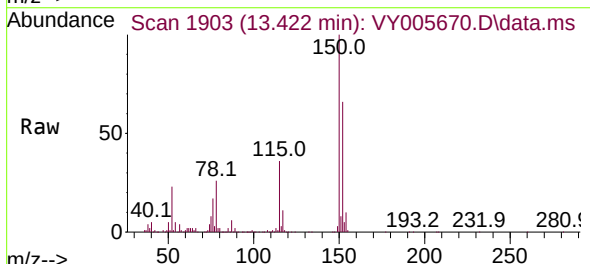
Instrument :
MSVOA_Y
ClientSampleId :
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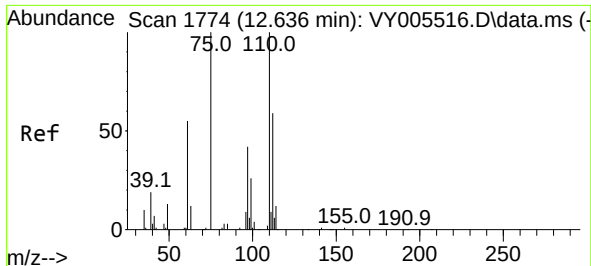
Tgt Ion:	117	Resp:	288464
Ion Ratio	Lower	Upper	
117	100		
82	52.6	43.5	65.3
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

Tgt Ion:	152	Resp:	140642
Ion Ratio	Lower	Upper	
152	100		
115	53.3	27.3	81.9
150	154.8	0.0	350.2

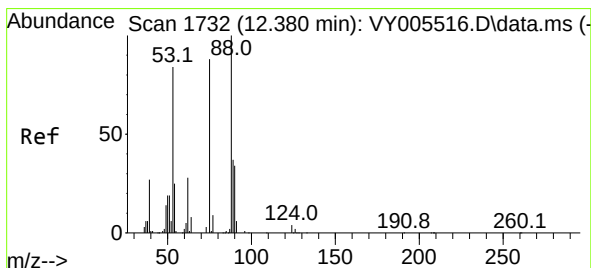
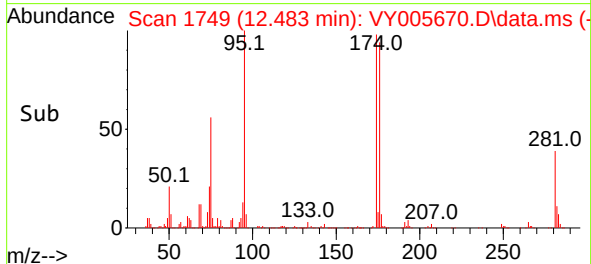
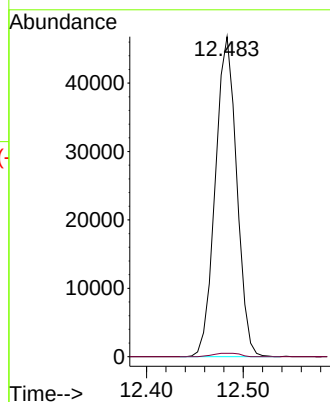
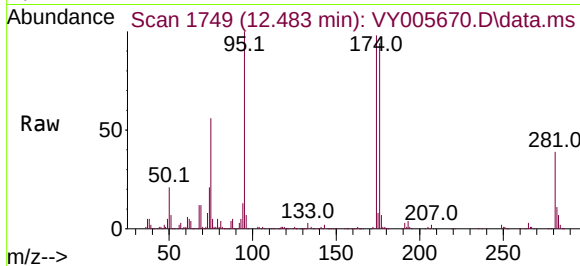




#76
1,2,3-Trichloropropane
Concen: 49.190 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

Instrument :
MSVOA_Y
ClientSampled :
1

Tgt Ion: 75 Resp: 71692
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.160 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005670.D
Acq: 16 Aug 2021 15:08

Tgt Ion: 75 Resp: 71692
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.4 38.4 57.6#

