

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005603.D
 Acq On : 10 Aug 2021 18:08
 Operator : SY/MD
 Sample : M3333-11
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:38:40 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)

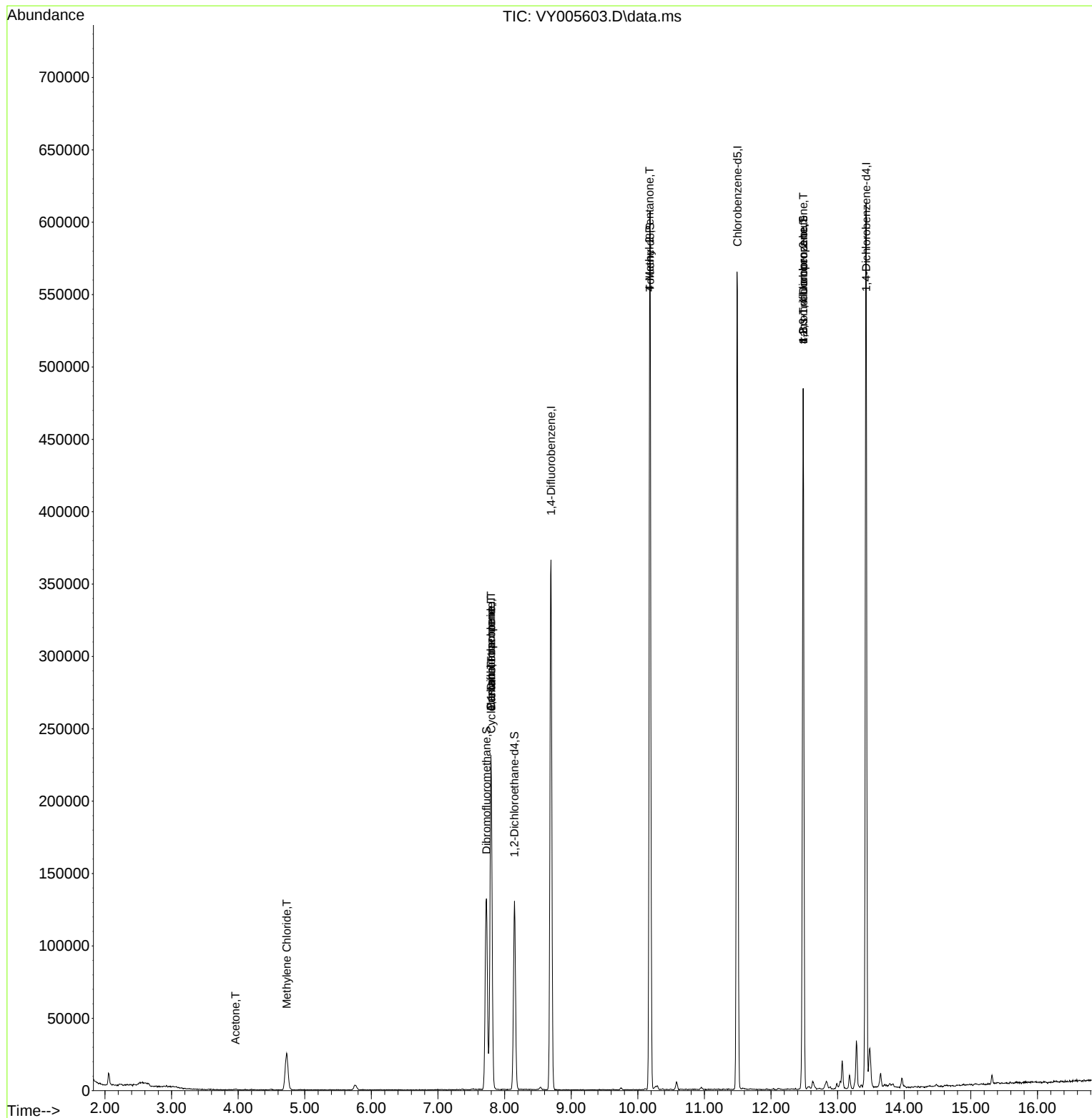
Internal Standards						
1) Pentafluorobenzene	7.795	168	186130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	305954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102510	54.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.82%			
35) Dibromofluoromethane	7.728	113	91189	53.09	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.18%			
50) Toluene-d8	10.185	98	392116	54.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.88%			
62) 4-Bromofluorobenzene	12.483	95	135258	56.71	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.42%			
Target Compounds						Qvalue
16) Acetone	3.960	43	1055	2.22	ug/l #	89
20) Methylene Chloride	4.728	84	18917	4.53	ug/l	92
31) Cyclohexane	7.801	56	3612	1.12	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	13201	4.59	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16507	5.28	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1798	1.03	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	74147	45.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74147	92.43	ug/l #	11

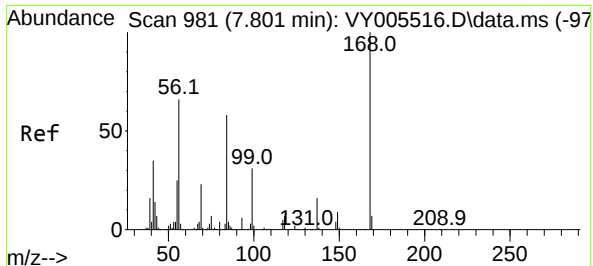
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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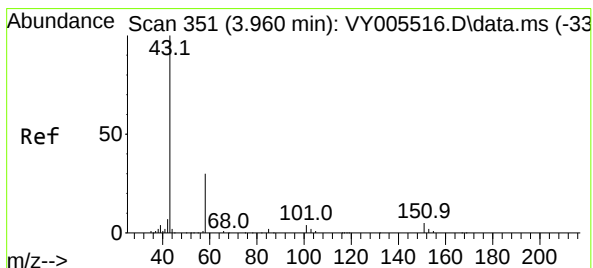
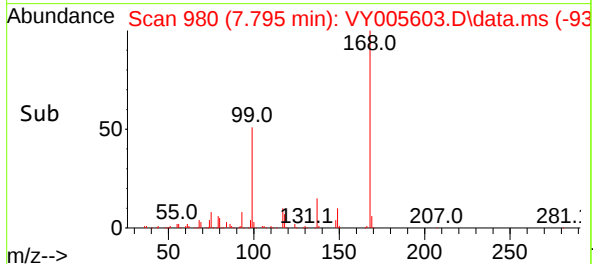
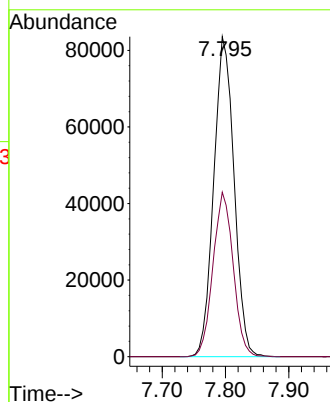
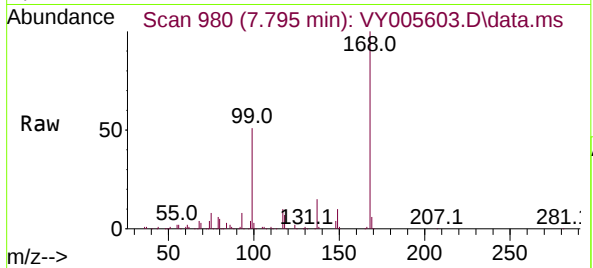




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

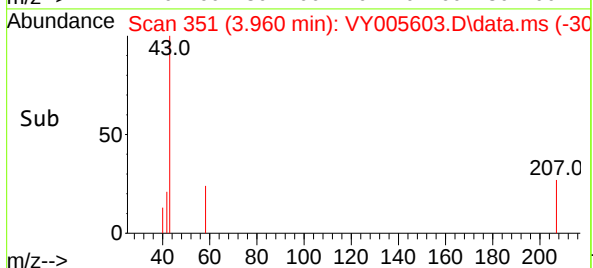
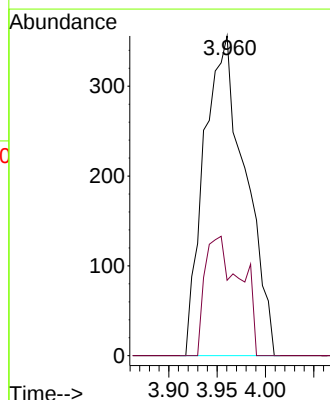
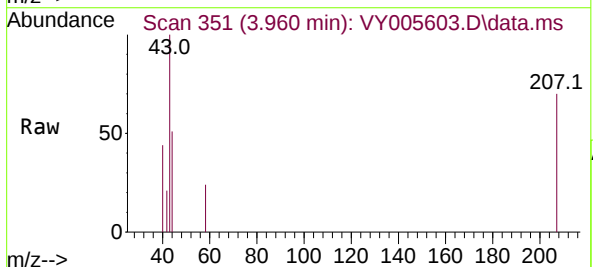
Instrument :
MSVOA_Y
ClientSampled :

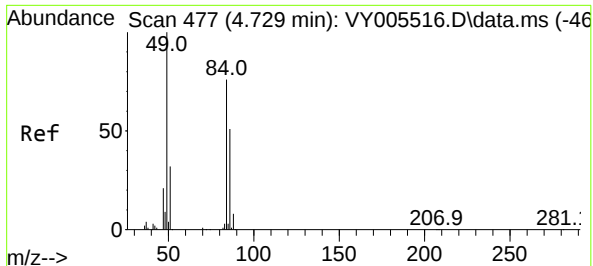
Tgt Ion:168 Resp: 186130
Ion Ratio Lower Upper
168 100
99 51.4 38.9 58.3



#16
Acetone
Concen: 2.22 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 23.6 23.8 35.6#



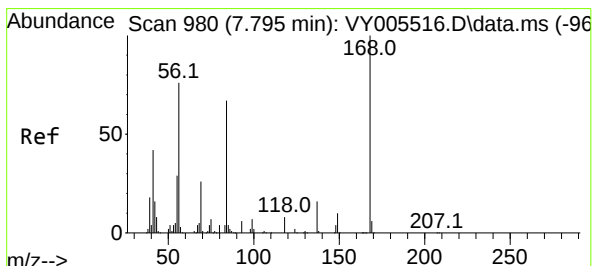
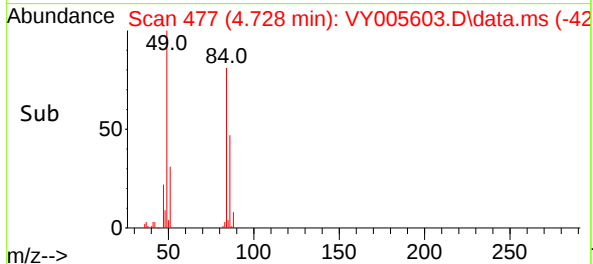
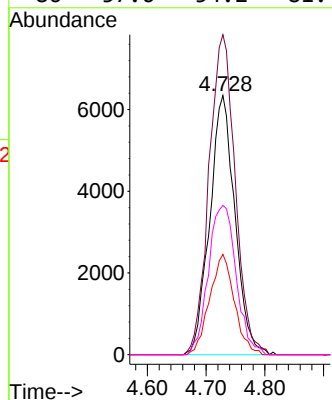
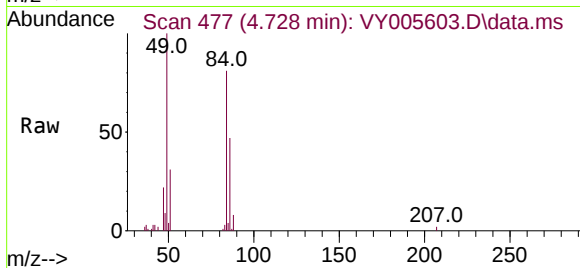


#20
Methylene Chloride
Concen: 4.53 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 18917

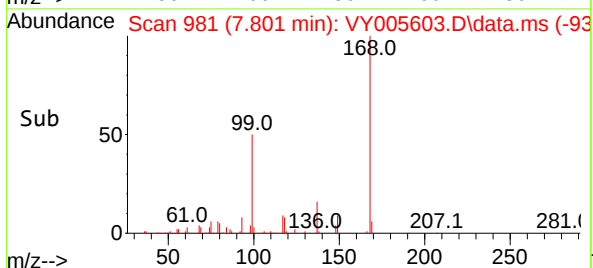
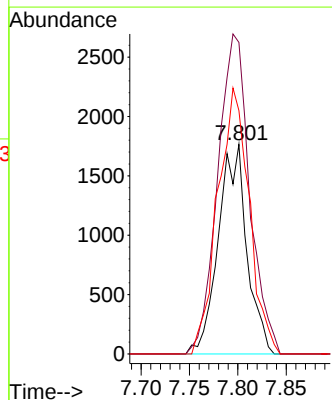
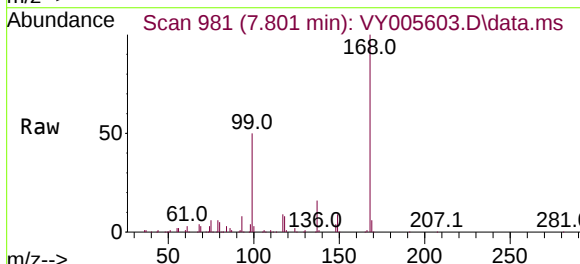
Ion	Ratio	Lower	Upper
84	100		
49	123.5	105.8	158.6
51	38.7	33.4	50.2
86	57.6	54.2	81.4

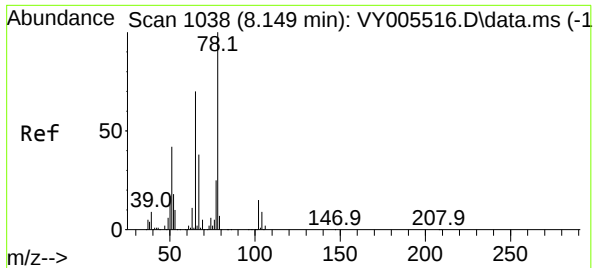


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

Tgt Ion: 56 Resp: 3612

Ion	Ratio	Lower	Upper
56	100		
69	148.7	27.7	41.5#
84	116.1	70.9	106.3#

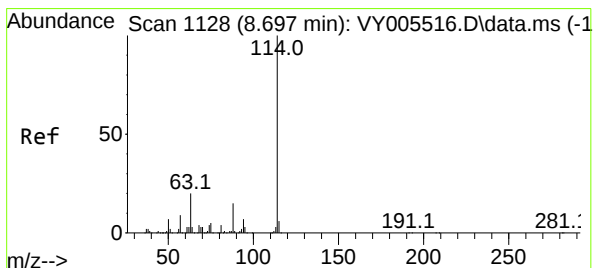
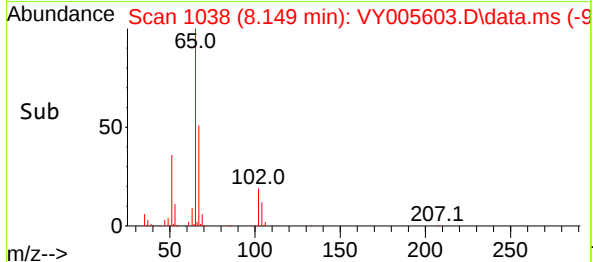
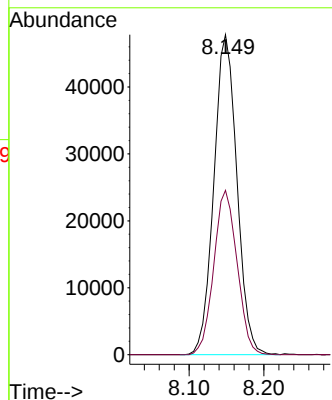
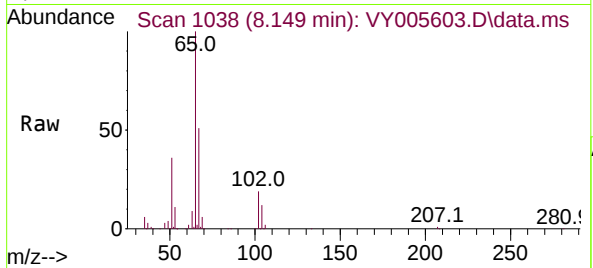




#33
 1,2-Dichloroethane-d4
 Concen: 54.41 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005603.D
 Acq: 10 Aug 2021 18:08

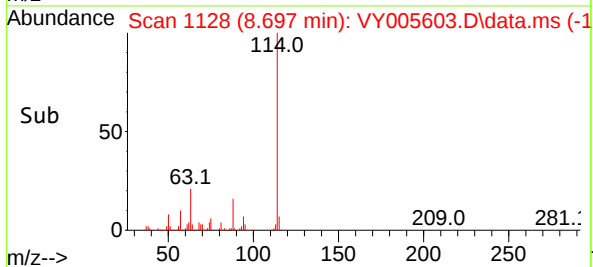
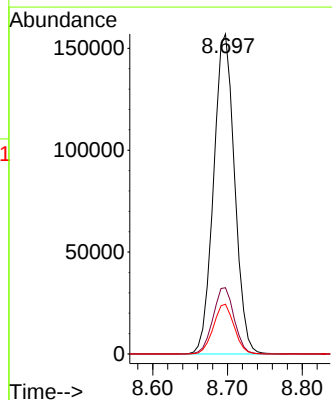
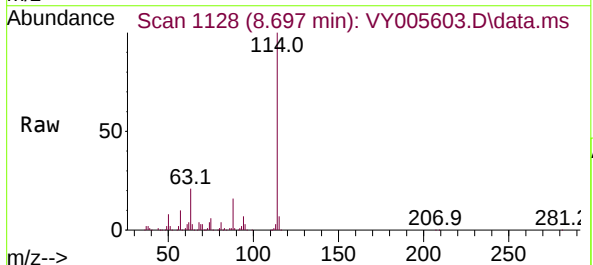
Instrument :
 MSVOA_Y
 ClientSampled :

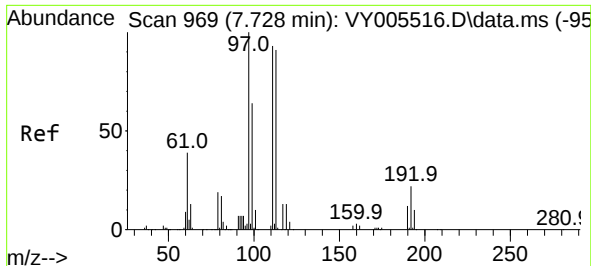
Tgt Ion: 65 Resp: 102510
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005603.D
 Acq: 10 Aug 2021 18:08

Tgt Ion: 114 Resp: 306759
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 15.6 0.0 30.8

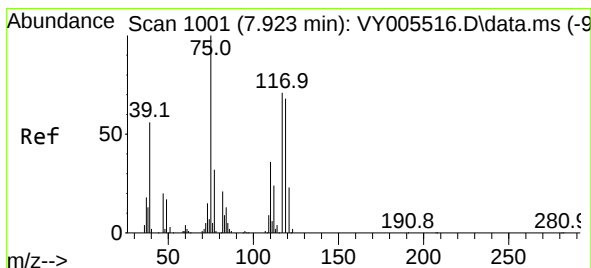
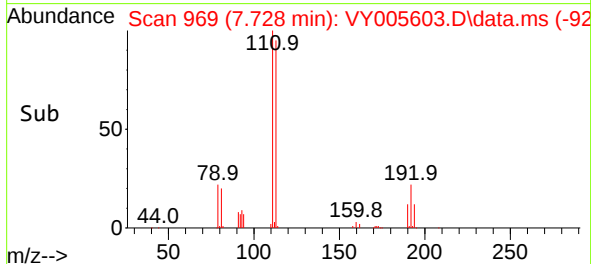
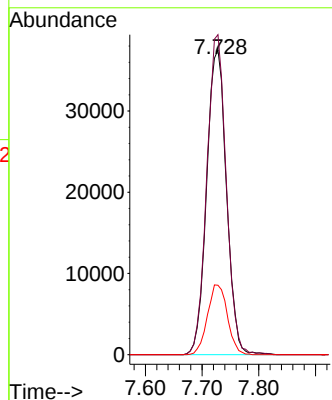
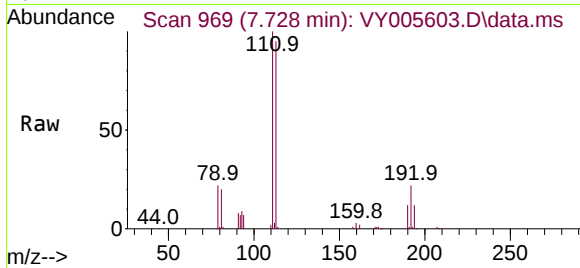




#35
Dibromofluoromethane
Concen: 53.09 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

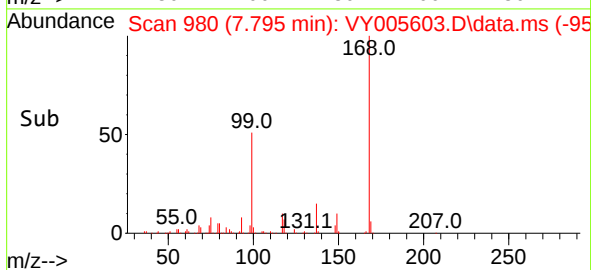
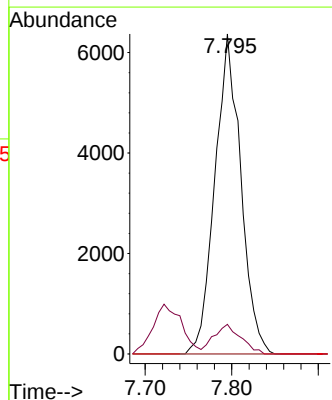
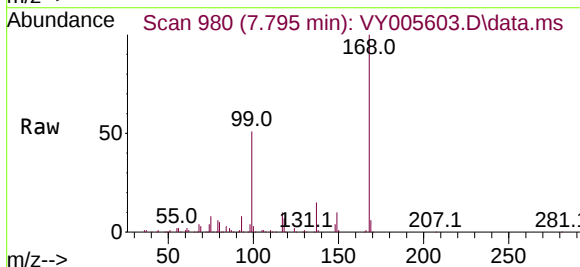
Instrument :
MSVOA_Y
ClientSampleId :

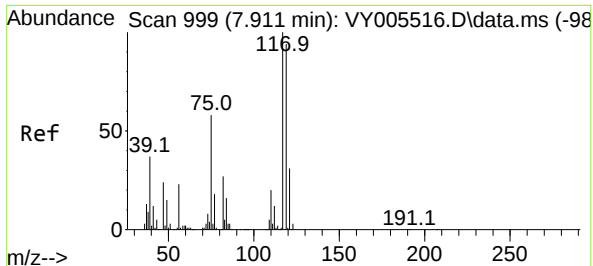
Tgt Ion:	113	Resp:	91189
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	23.1	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

Tgt Ion:	75	Resp:	13201
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.0	25.1	37.7#

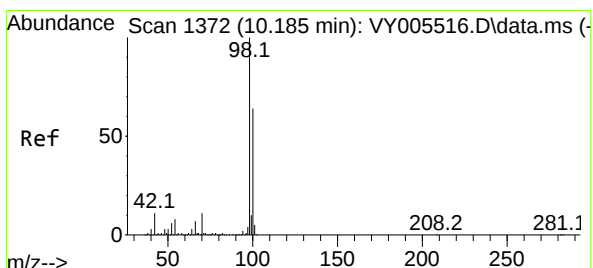
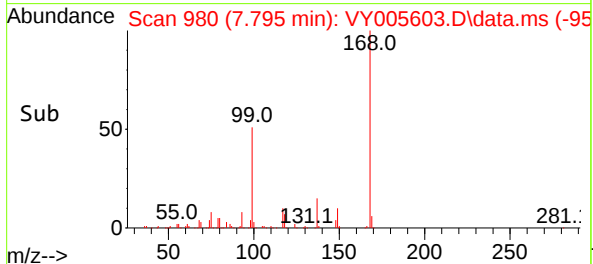
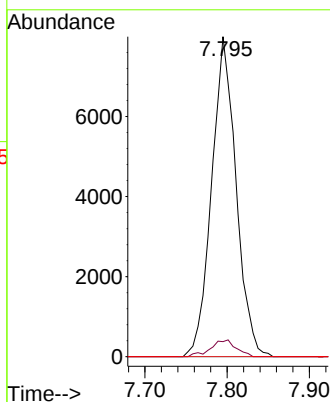
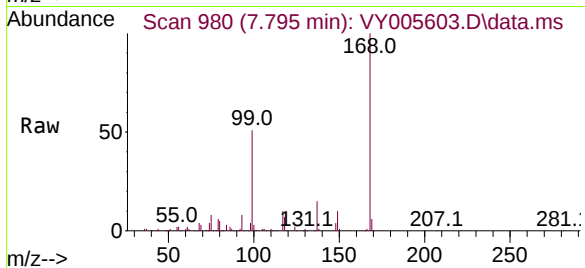




#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

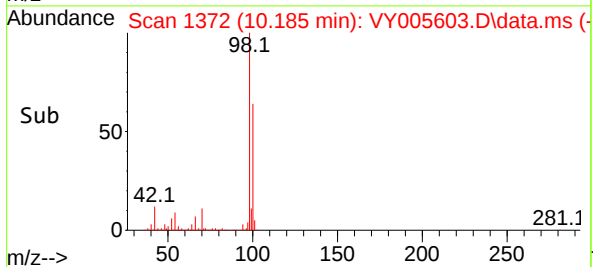
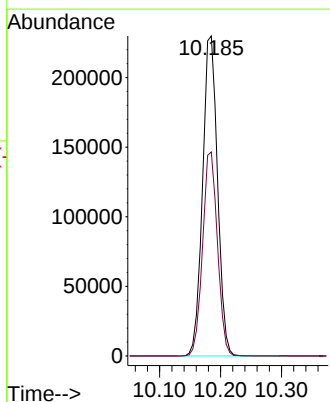
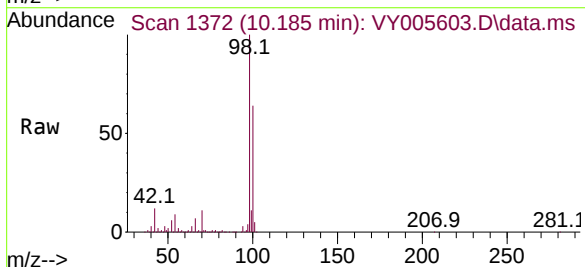
Instrument :
MSVOA_Y
ClientSampleId :

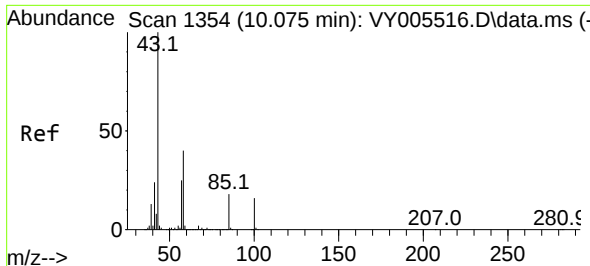
Tgt Ion:117 Resp: 16507
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

Tgt Ion: 98 Resp: 392116
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

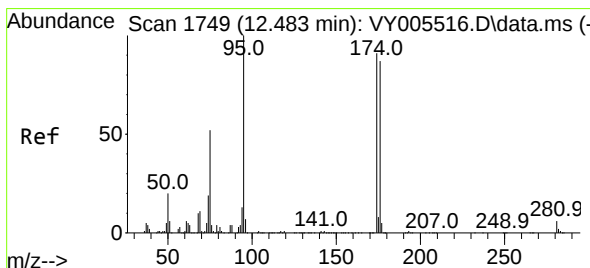
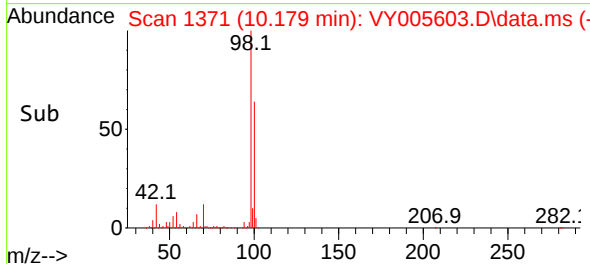
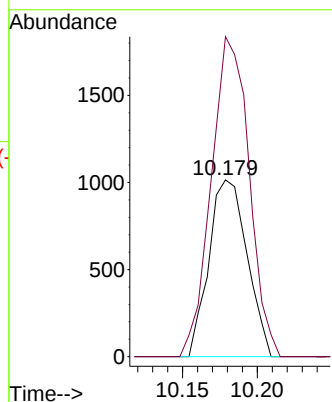
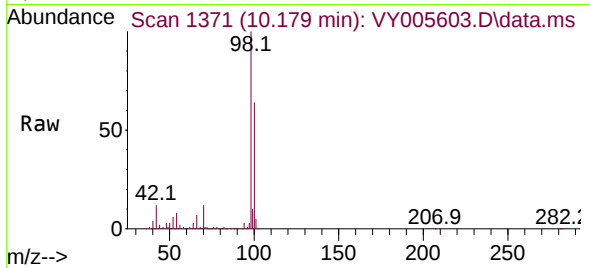




#51
4-Methyl-2-Pentanone
Concen: 1.03 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

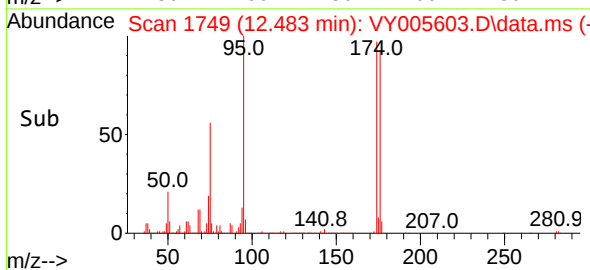
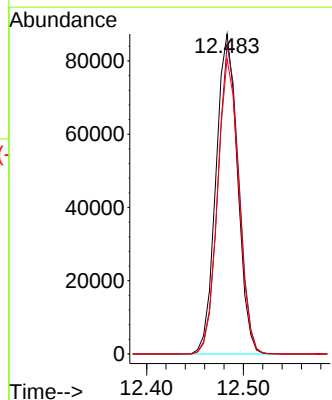
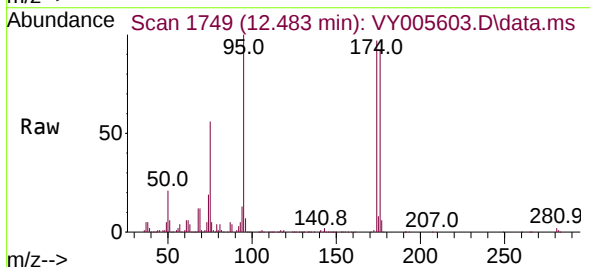
Instrument :
MSVOA_Y
ClientSampled :

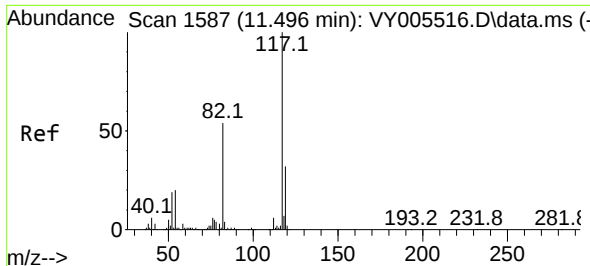
Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
58 179.8 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 56.71 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

Tgt Ion: 95 Resp: 135258
Ion Ratio Lower Upper
95 100
174 94.0 0.0 191.4
176 90.4 0.0 183.6

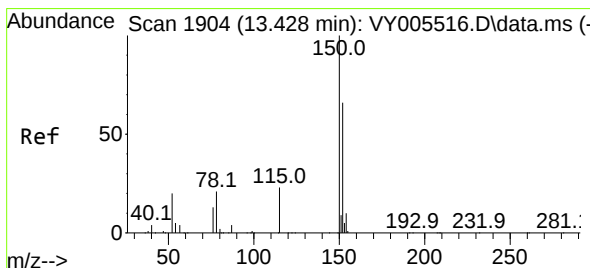
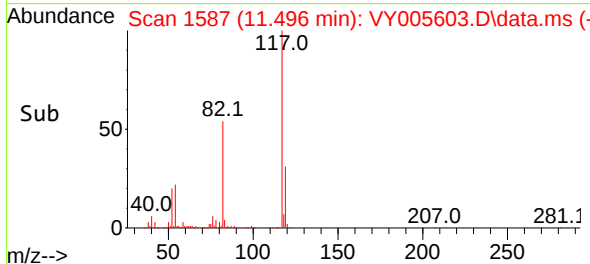
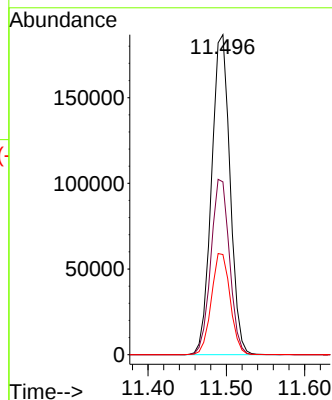
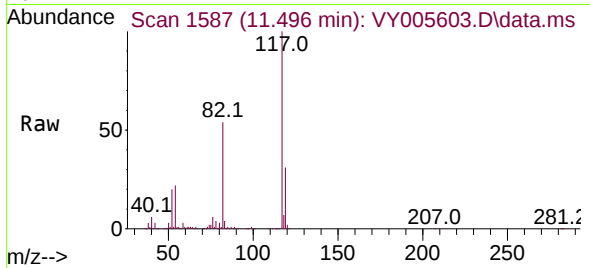




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

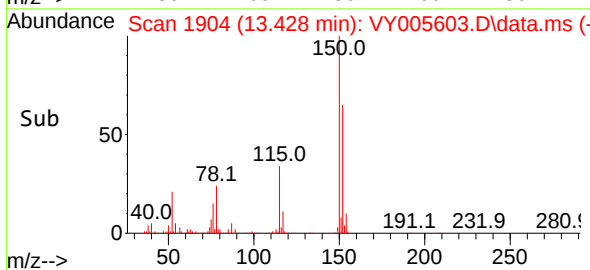
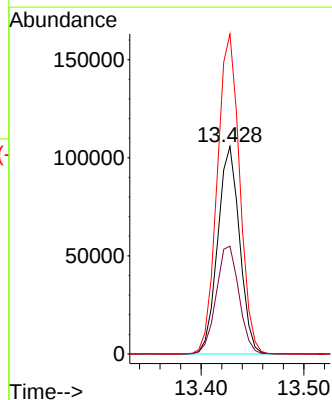
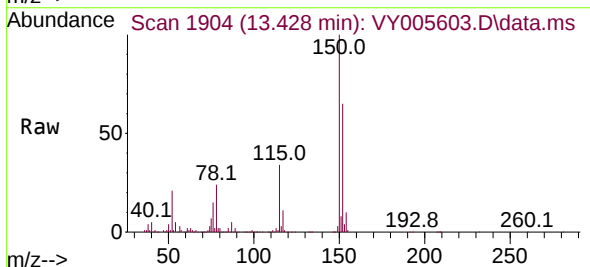
Instrument :
MSVOA_Y
ClientSampleId :

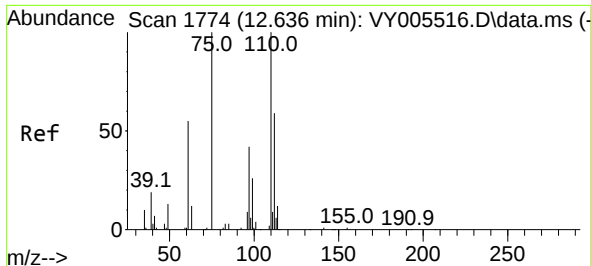
Tgt Ion:117 Resp: 305954
Ion Ratio Lower Upper
117 100
82 54.0 43.5 65.3
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

Tgt Ion:152 Resp: 156051
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 157.9 0.0 350.2

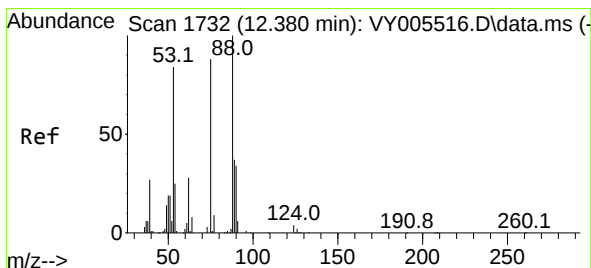
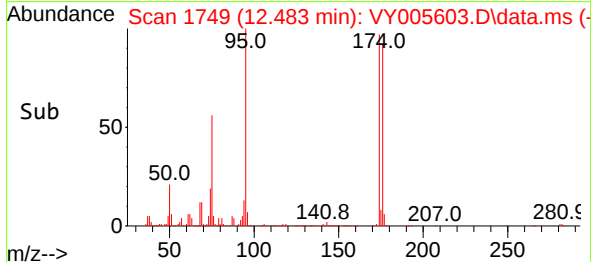
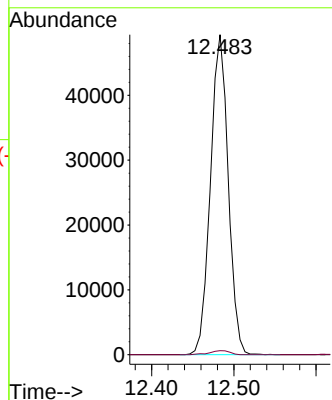
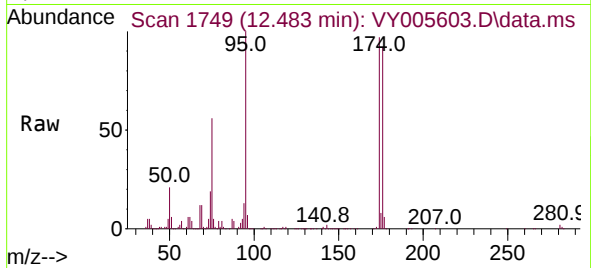




#76
1,2,3-Trichloropropane
Concen: 45.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74147
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.43 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005603.D
Acq: 10 Aug 2021 18:08

Tgt Ion: 75 Resp: 74147
Ion Ratio Lower Upper
75 100
53 0.3 76.7 115.1#
89 0.0 38.4 57.6#

