

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004633.D
 Acq On : 26 Apr 2021 16:36
 Operator : SY/MD
 Sample : M2176-11
 Misc : 6.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:34:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

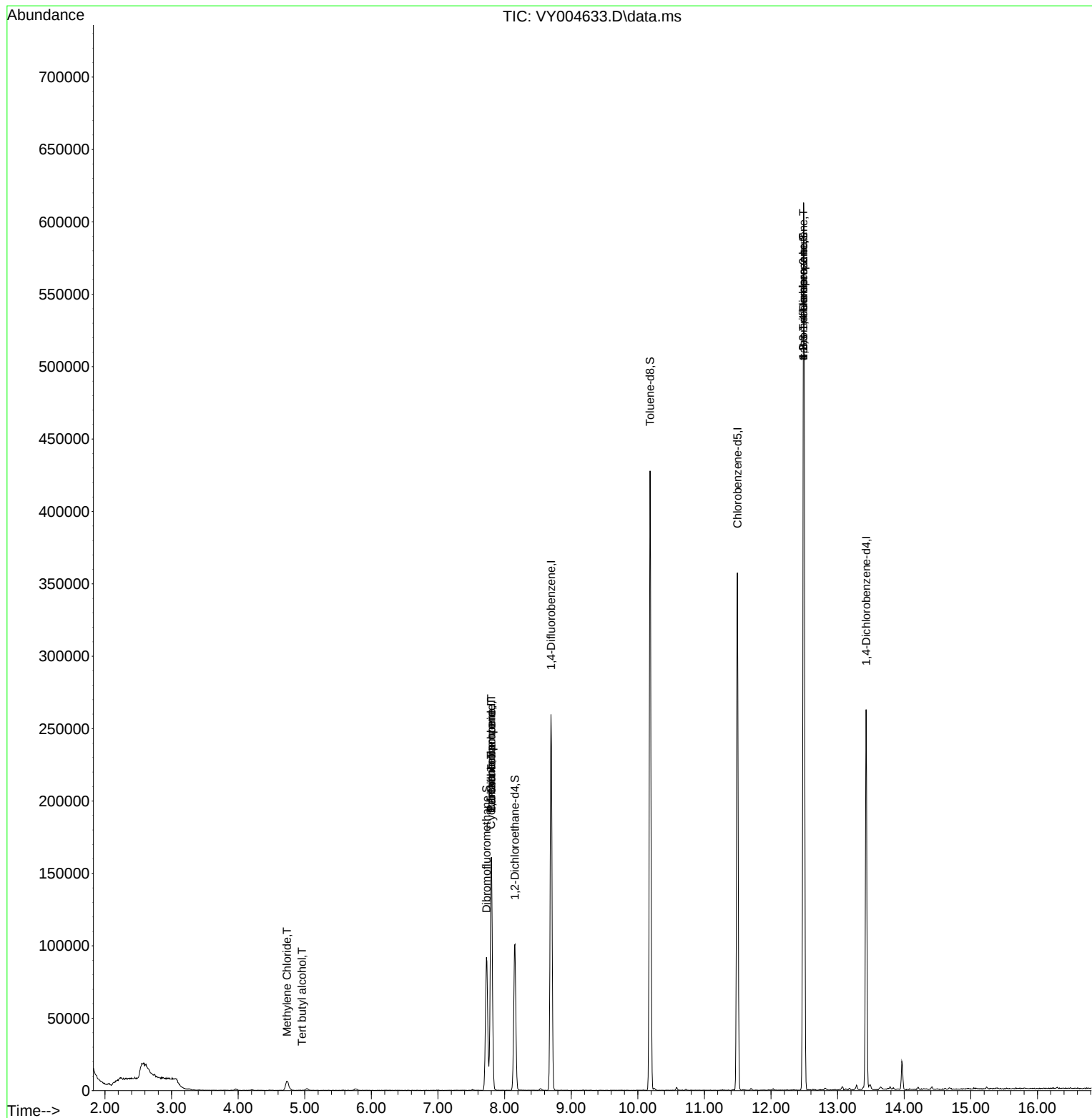
Internal Standards						
1) Pentafluorobenzene	7.801	168	120048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	179148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78591	58.92	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.84%			
35) Dibromofluoromethane	7.728	113	62532	53.35	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.70%			
50) Toluene-d8	10.185	98	258034	51.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.52%			
62) 4-Bromofluorobenzene	12.483	95	73290	43.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.64%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	244	1.86	ug/l #	73
16) Acetone	3.960	43	1671	Below Cal		94
20) Methylene Chloride	4.735	84	4729	3.67	ug/l #	91
31) Cyclohexane	7.795	56	2991	1.22	ug/l #	8
36) 1,1-Dichloropropene	7.801	75	10004	4.77	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12565	6.93	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45713	70.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45713	125.61	ug/l #	14

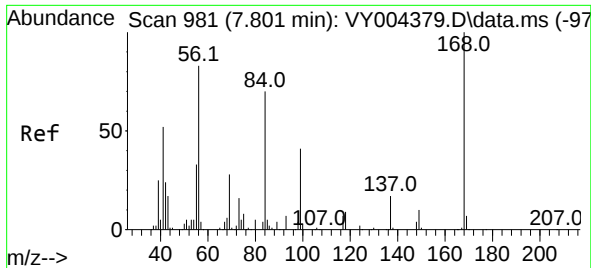
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Apr 27 09:34:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

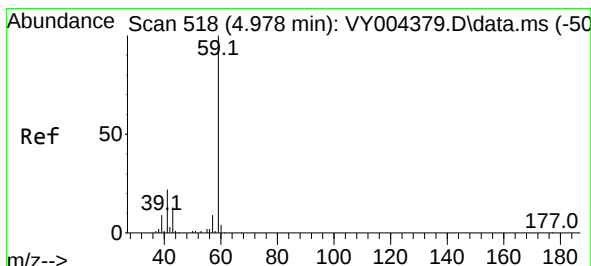
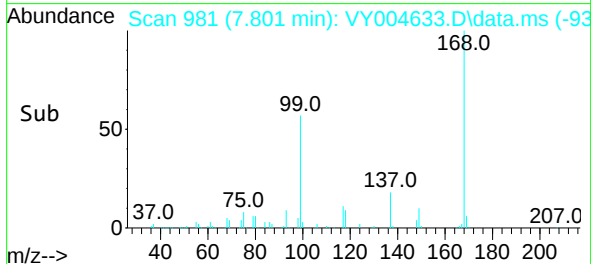
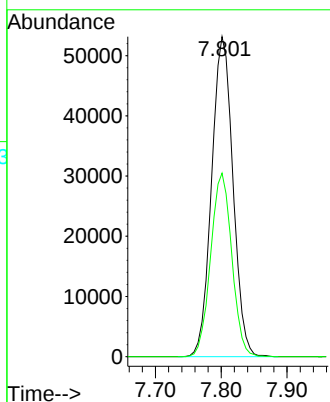
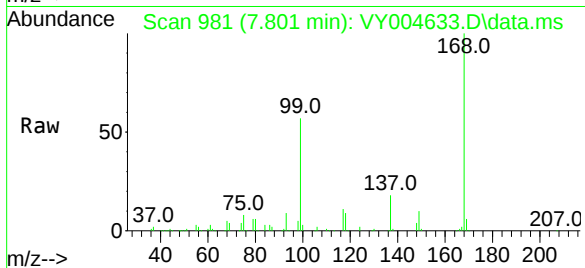




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

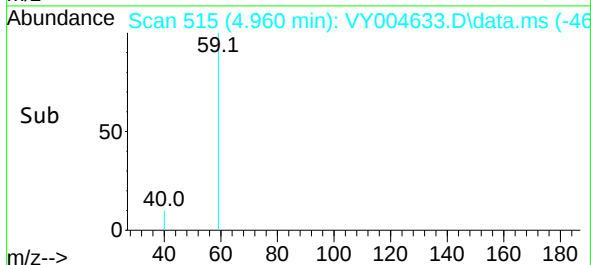
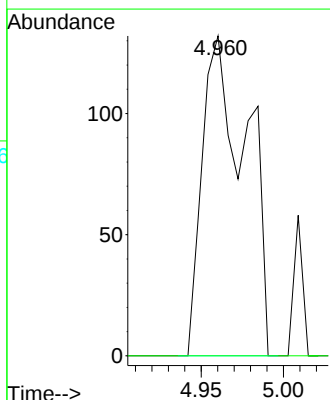
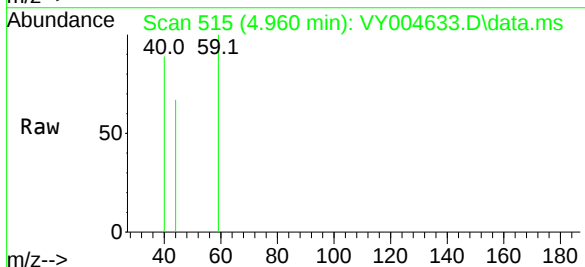
Instrument :
MSVOA_Y
ClientSampleId :

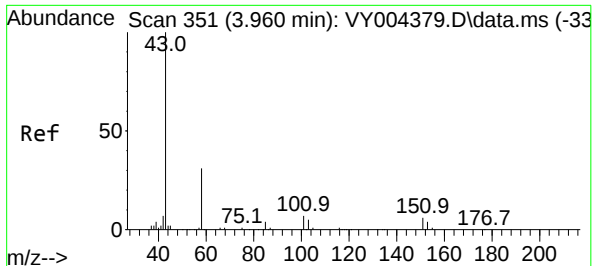
Tgt Ion:168 Resp: 120048
Ion Ratio Lower Upper
168 100
99 57.4 45.5 68.3



#11
Tert butyl alcohol
Concen: 1.86 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

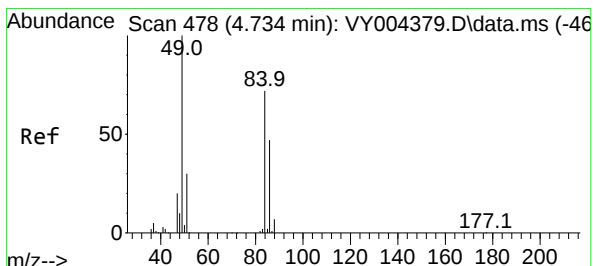
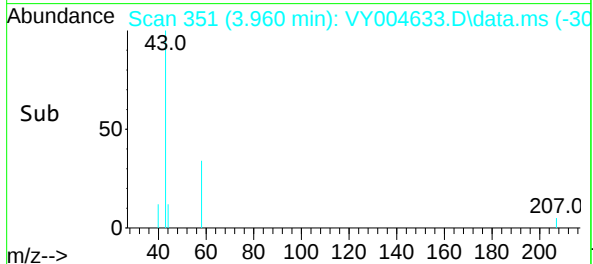
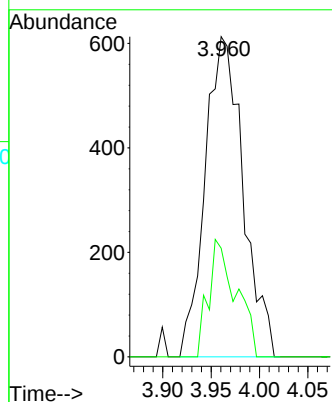
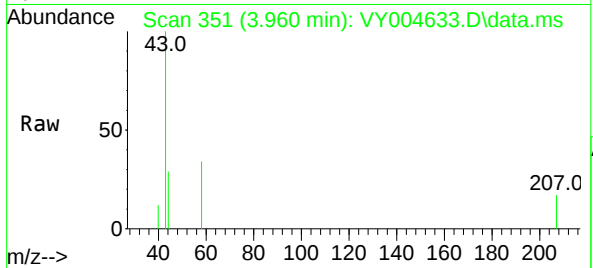




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

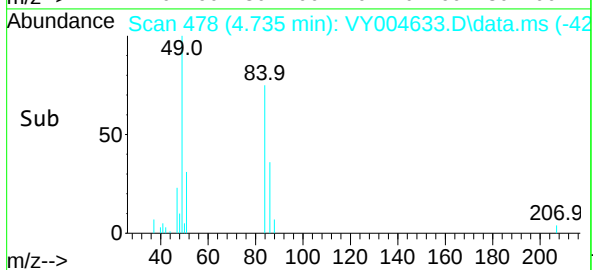
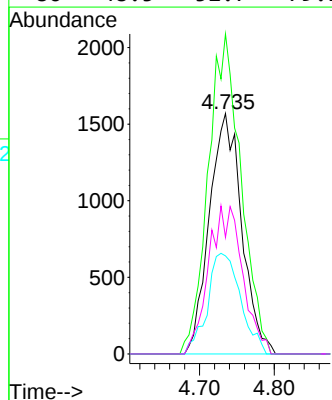
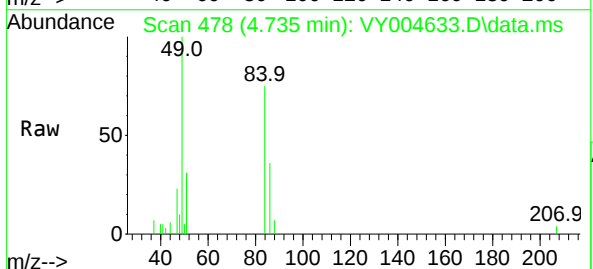
Instrument :
MSVOA_Y
ClientSampled :

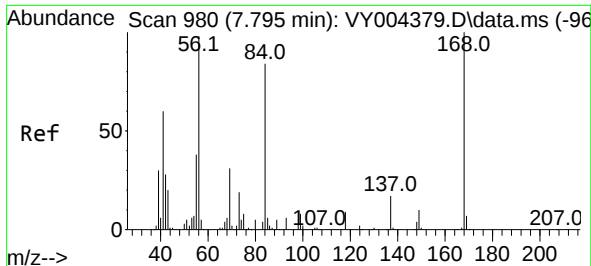
Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 33.9 24.6 37.0



#20
Methylene Chloride
Concen: 3.67 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

Tgt Ion: 84 Resp: 4729
Ion Ratio Lower Upper
84 100
49 133.1 111.2 166.8
51 40.8 33.4 50.2
86 48.5 52.7 79.1#

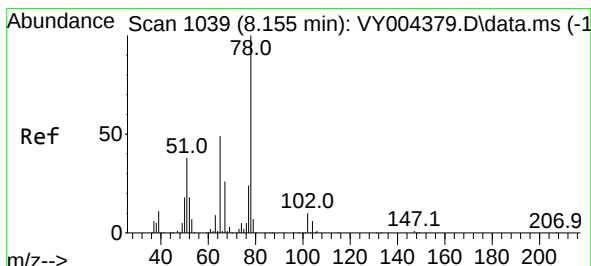
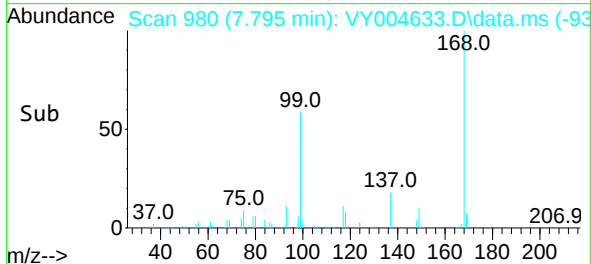
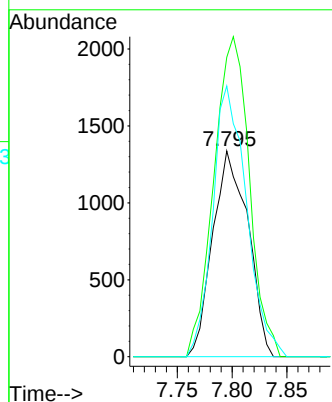
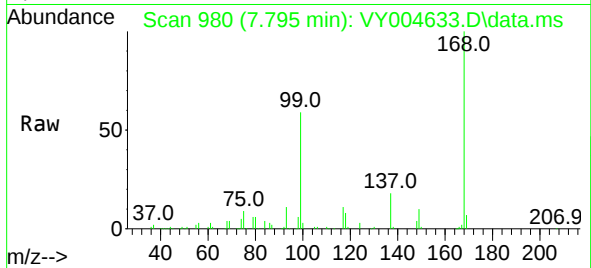




#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

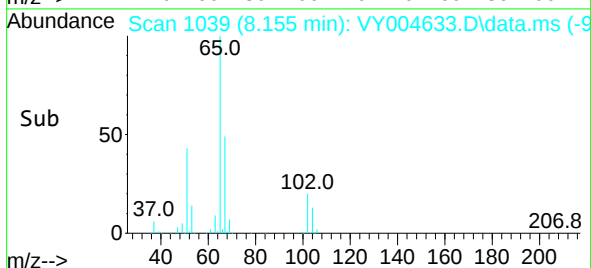
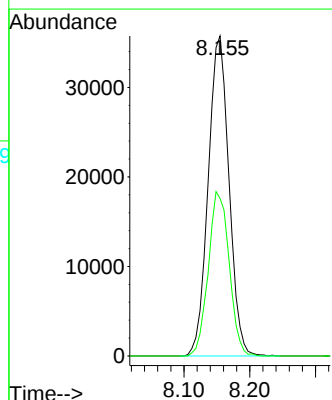
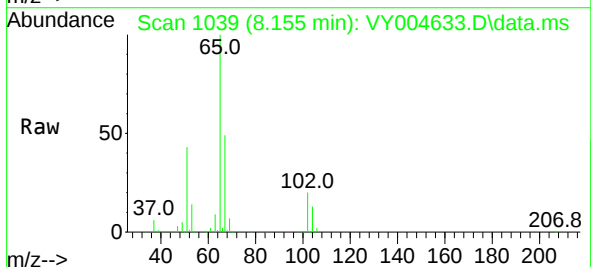
Instrument :
MSVOA_Y
ClientSampleId :

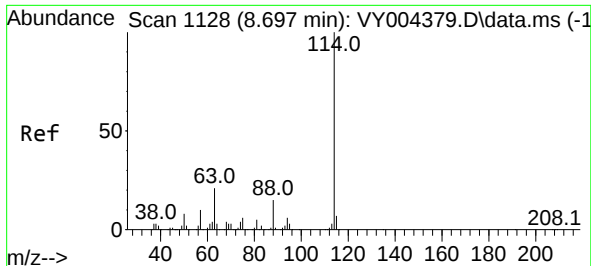
Tgt Ion: 56 Resp: 2991
Ion Ratio Lower Upper
56 100
69 145.4 25.8 38.6#
84 131.5 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 58.92 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

Tgt Ion: 65 Resp: 78591
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.4

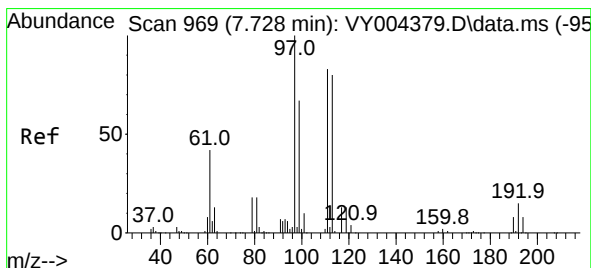
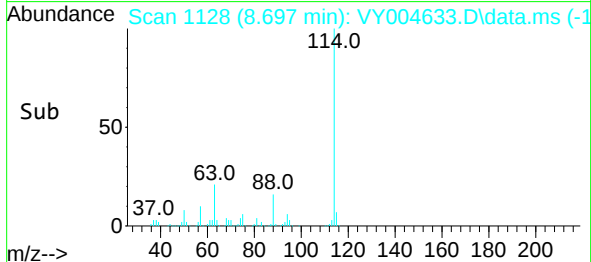
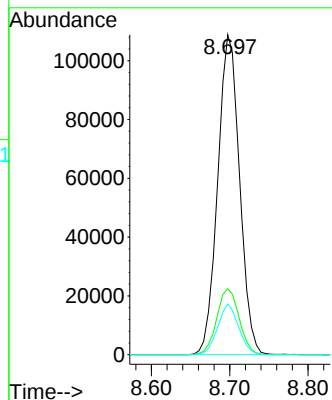
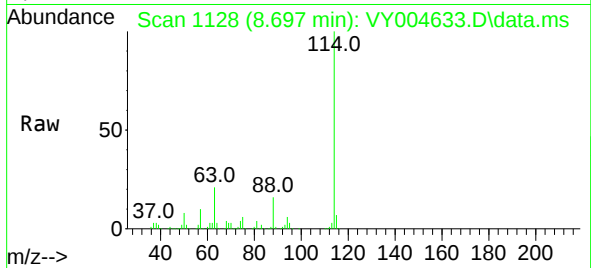




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

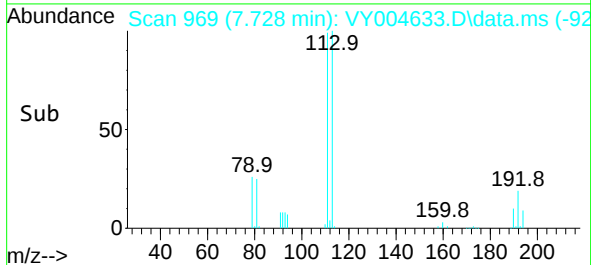
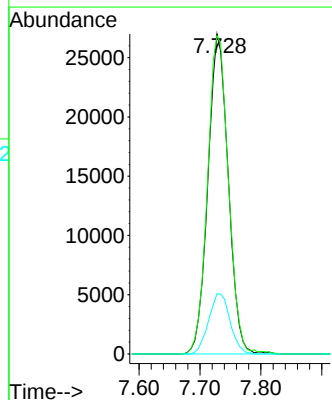
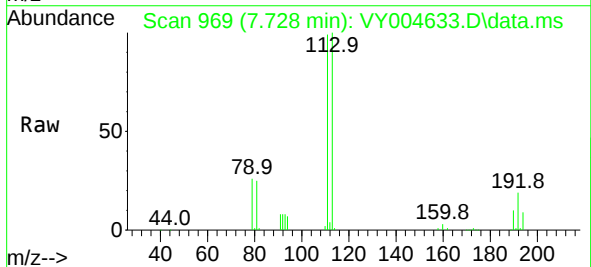
Instrument :
MSVOA_Y
ClientSampled :

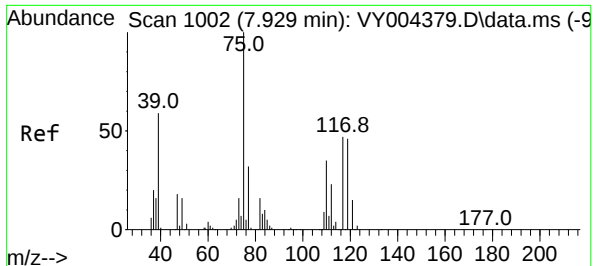
Tgt Ion:114 Resp: 211200
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 15.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.35 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

Tgt Ion:113 Resp: 62532
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.9 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.77 ug/l

RT: 7.801 min Scan# 981

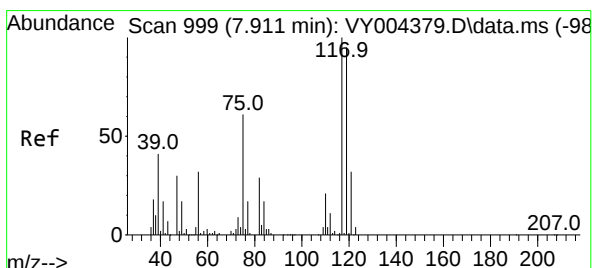
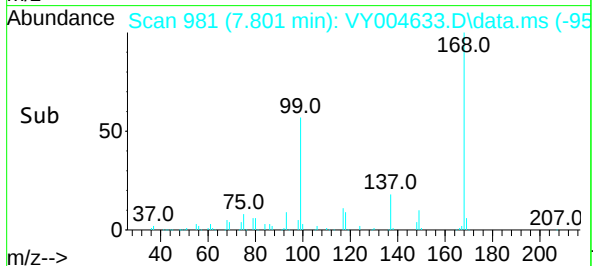
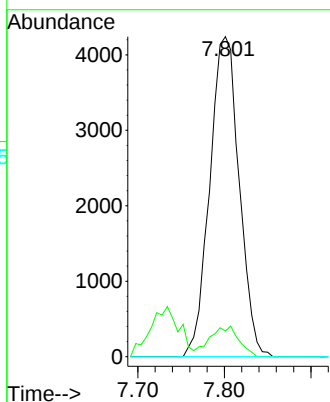
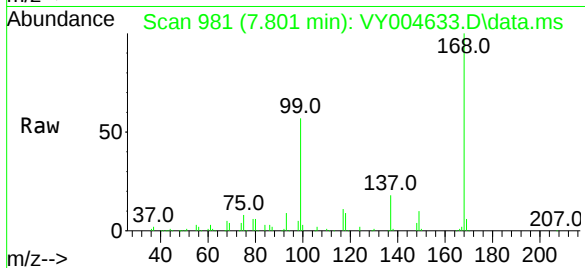
Delta R.T. -0.128 min

Lab File: VY004633.D

Acq: 26 Apr 2021 16:36

Tgt Ion: 75	Resp: 10004
Ion Ratio	Lower Upper
75 100	
110 9.5	17.3 51.7#
77 0.0	24.3 36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.93 ug/l

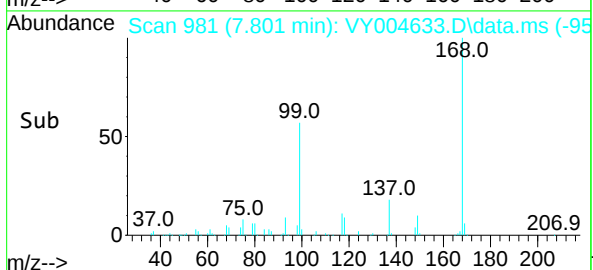
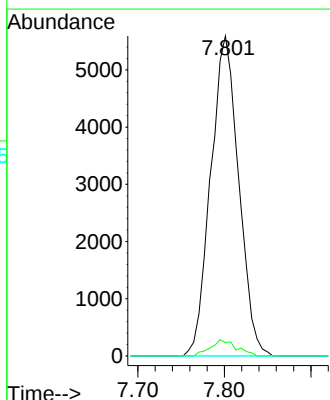
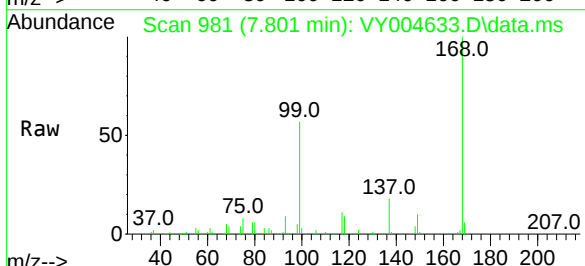
RT: 7.801 min Scan# 981

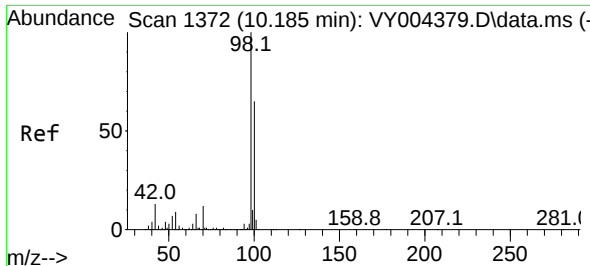
Delta R.T. -0.109 min

Lab File: VY004633.D

Acq: 26 Apr 2021 16:36

Tgt Ion: 117	Resp: 12565
Ion Ratio	Lower Upper
117 100	
119 4.2	75.8 113.8#
121 0.0	25.3 37.9#

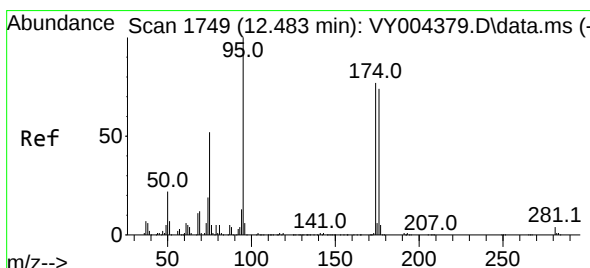
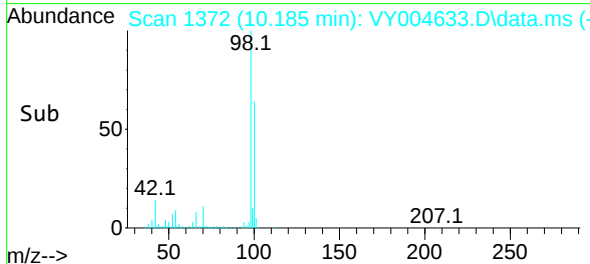
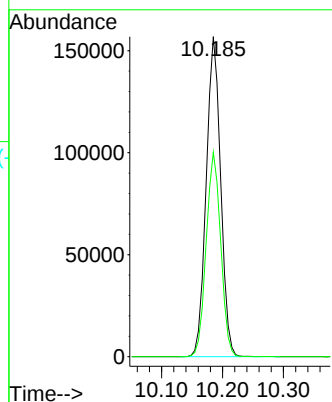
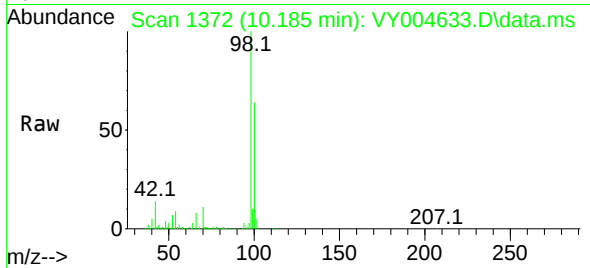




#50
Toluene-d8
Concen: 51.76 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

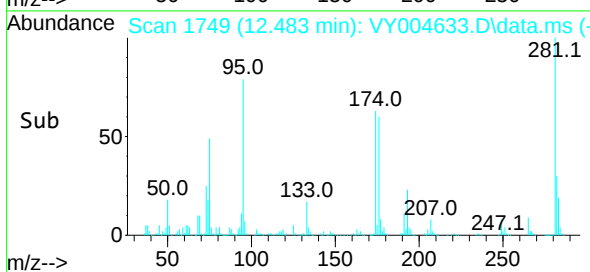
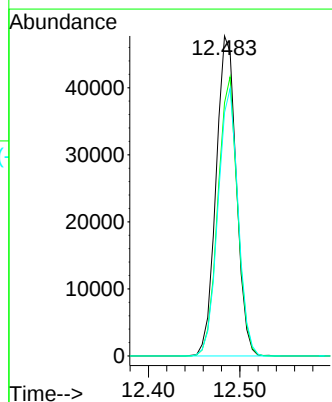
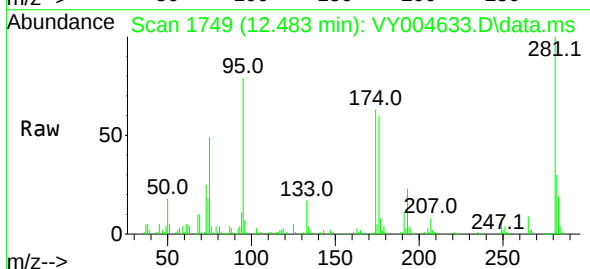
Instrument :
MSVOA_Y
ClientSampled :

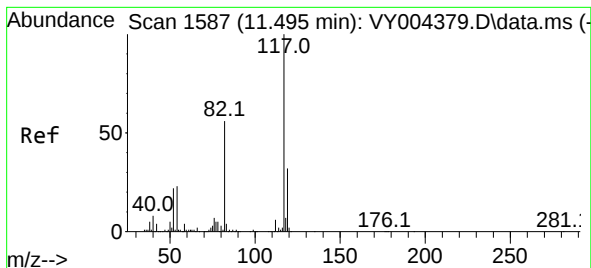
Tgt Ion: 98 Resp: 258034
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 43.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

Tgt Ion: 95 Resp: 73290
Ion Ratio Lower Upper
95 100
174 84.5 0.0 162.4
176 83.1 0.0 156.0

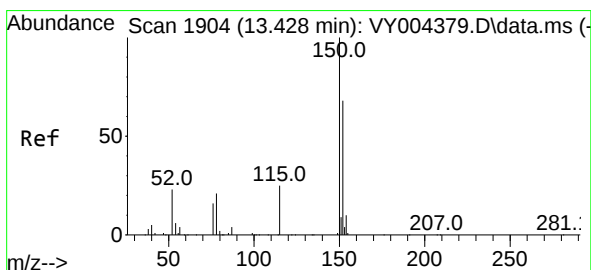
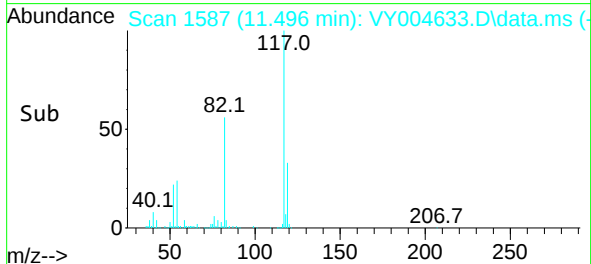
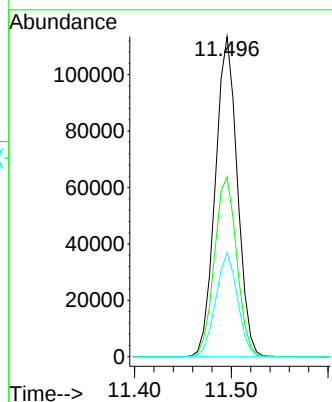
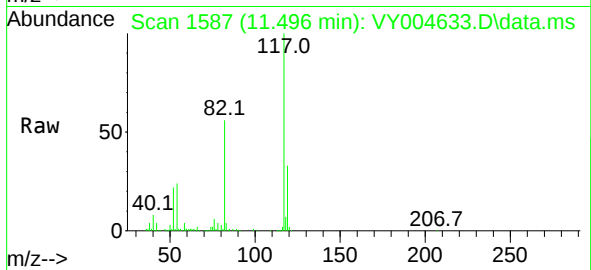




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

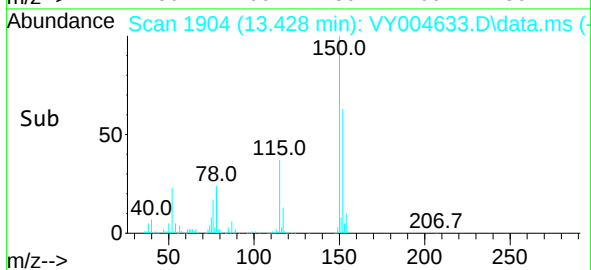
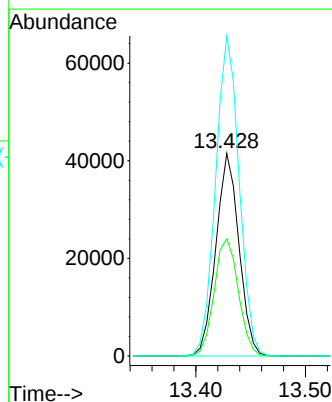
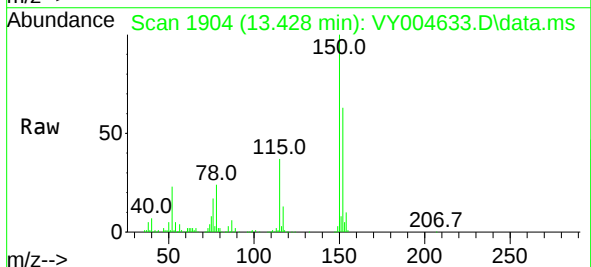
Instrument :
MSVOA_Y
ClientSampleId :

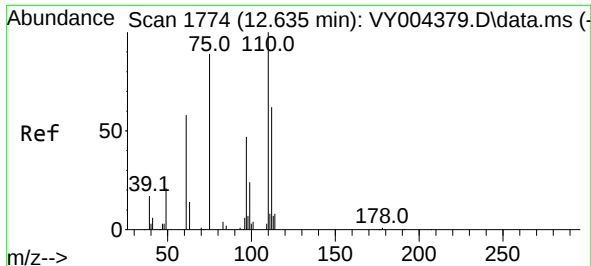
Tgt Ion:117 Resp: 179148
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

Tgt Ion:152 Resp: 60660
Ion Ratio Lower Upper
152 100
115 60.6 29.6 88.8
150 161.4 0.0 348.4

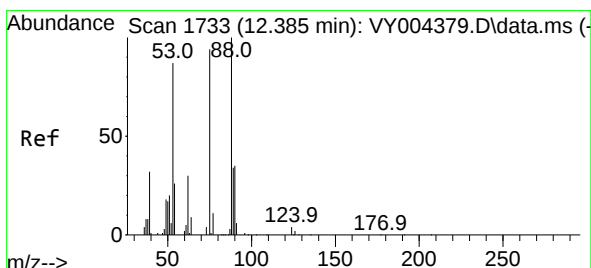
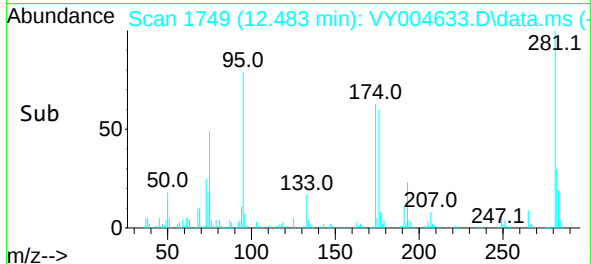
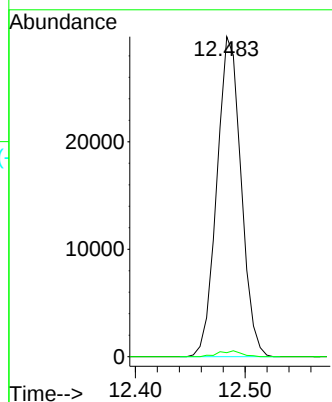
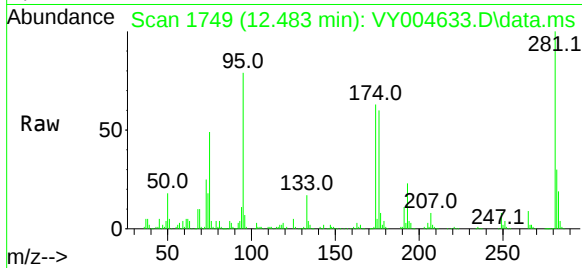




#76
1,2,3-Trichloropropane
Concen: 70.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45713
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.61 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004633.D
Acq: 26 Apr 2021 16:36

Tgt Ion: 75 Resp: 45713
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 3.1 36.1 54.1#

