

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004634.D
 Acq On : 26 Apr 2021 16:59
 Operator : SY/MD
 Sample : M2176-12
 Misc : 5.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:34:33 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)

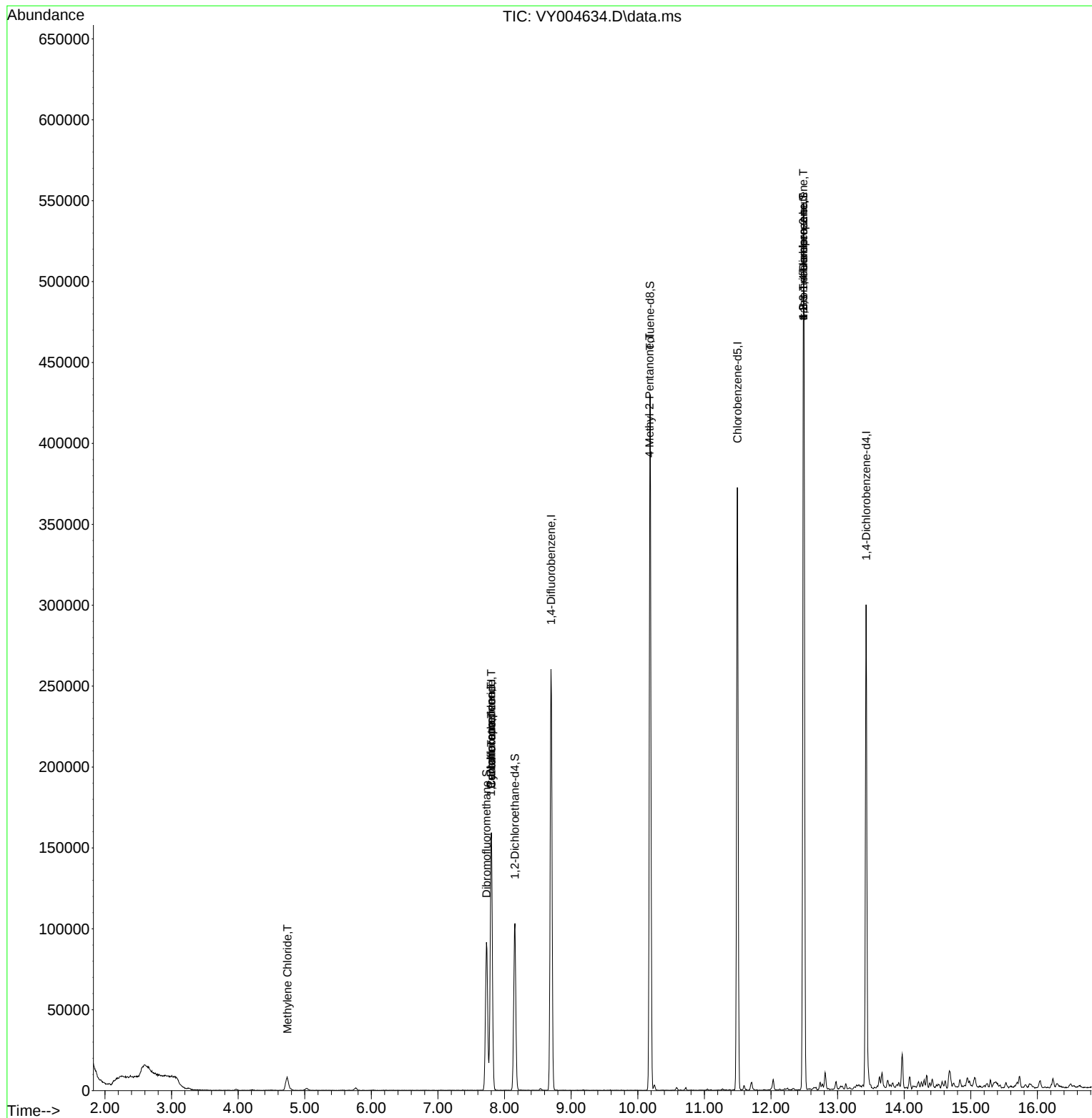
Internal Standards						
1) Pentafluorobenzene	7.801	168	121700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78766	58.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.50%			
35) Dibromofluoromethane	7.728	113	62379	52.94	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.88%			
50) Toluene-d8	10.185	98	260593	52.00	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.00%			
62) 4-Bromofluorobenzene	12.483	95	80235	47.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.36%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	1045	Below Cal		89
20) Methylene Chloride	4.741	84	5564	4.26 ug/l #		85
31) Cyclohexane	7.801	56	3031	1.22 ug/l #		49
36) 1,1-Dichloropropene	7.795	75	9962	4.72 ug/l #		50
38) Carbon Tetrachloride	7.801	117	12085	6.63 ug/l #		16
51) 4-Methyl-2-Pentanone	10.179	43	1452	1.10 ug/l #		1
76) 1,2,3-Trichloropropane	12.483	75	47462	62.33 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	47462	111.50 ug/l #		13

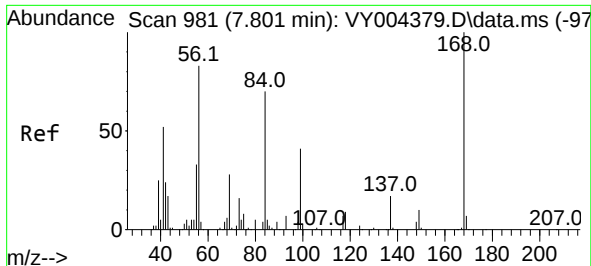
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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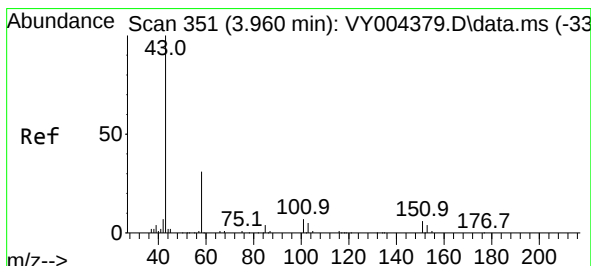
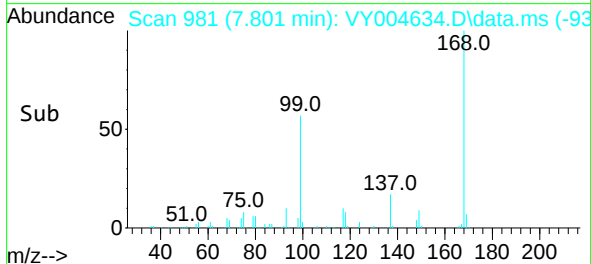
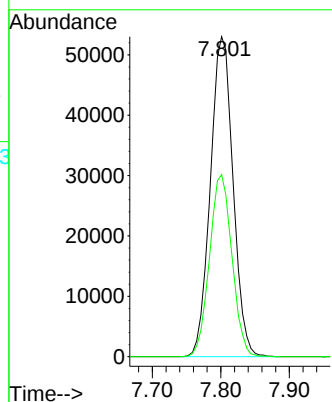
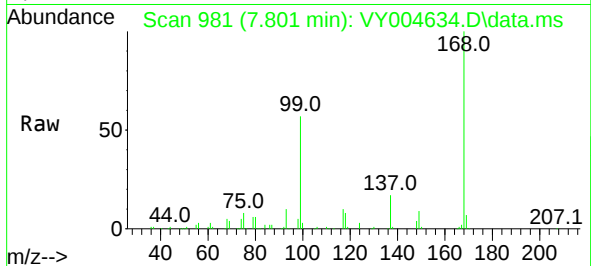




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

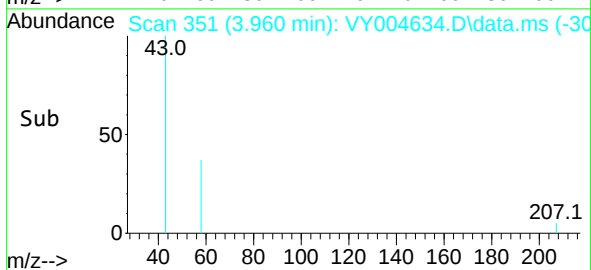
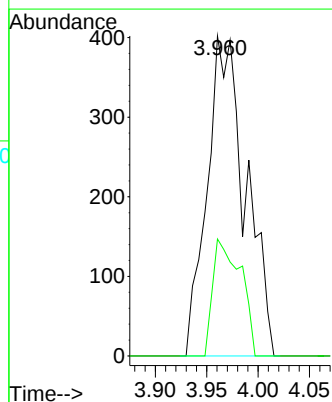
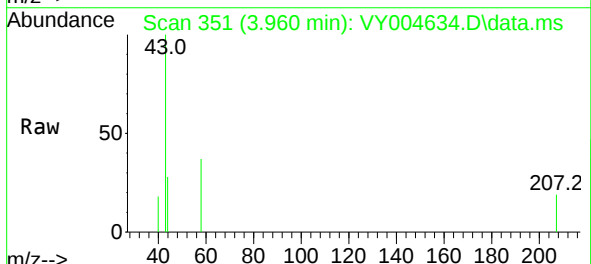
Instrument :
MSVOA_Y
ClientSampleId :

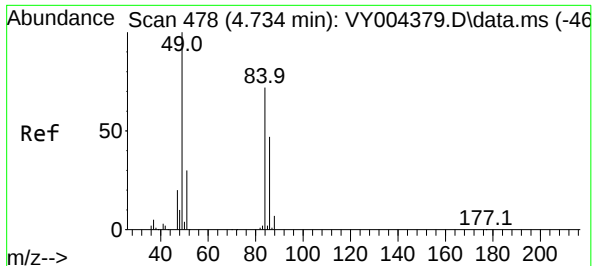
Tgt Ion:168 Resp: 121700
Ion Ratio Lower Upper
168 100
99 56.9 45.5 68.3



#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

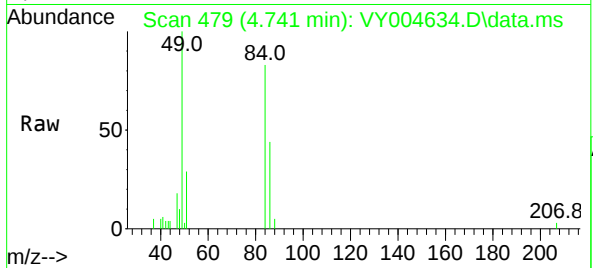
Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
58 36.6 24.6 37.0



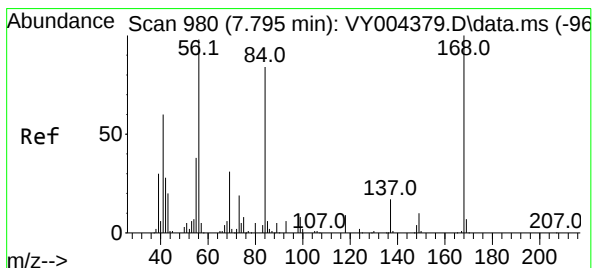
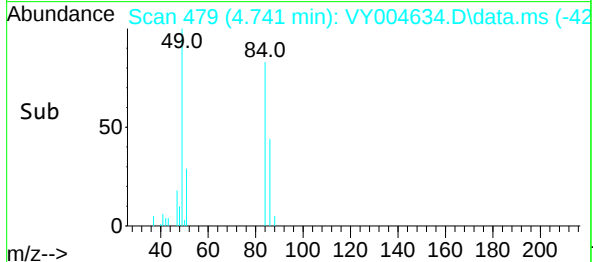
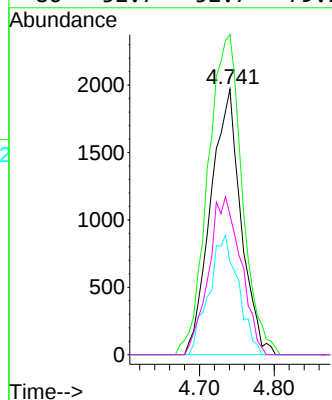


#20
Methylene Chloride
Concen: 4.26 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

Instrument :
MSVOA_Y
ClientSampleId :

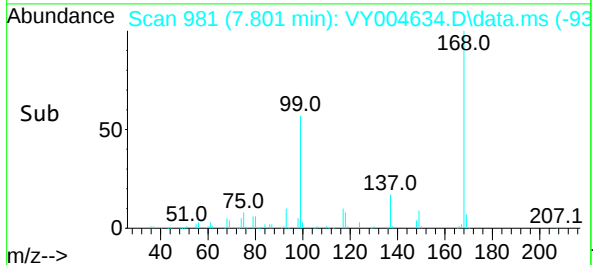
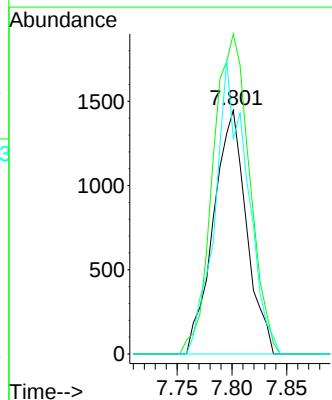
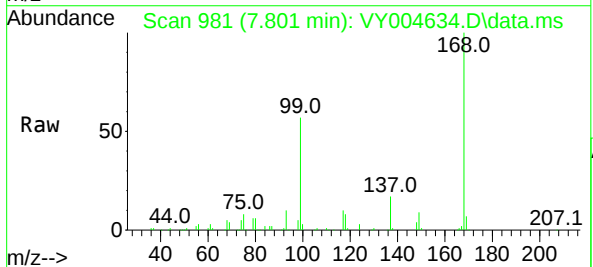


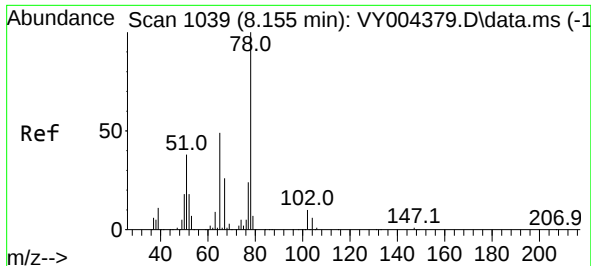
Tgt Ion: 84 Resp: 5564
Ion Ratio Lower Upper
84 100
49 120.6 111.2 166.8
51 35.0 33.4 50.2
86 52.7 52.7 79.1#



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

Tgt Ion: 56 Resp: 3031
Ion Ratio Lower Upper
56 100
69 131.3 25.8 38.6#
84 88.3 68.2 102.4

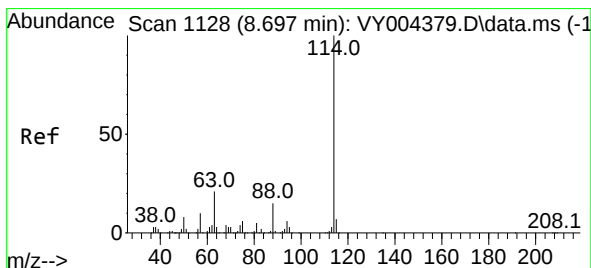
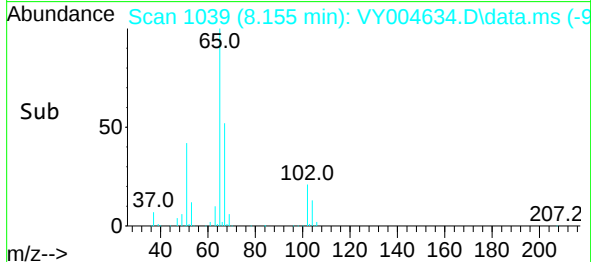
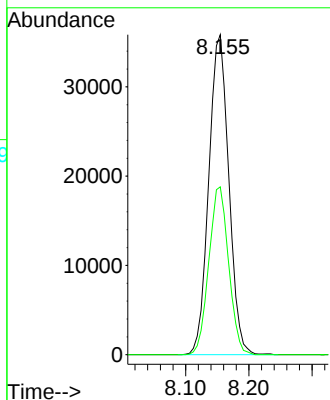
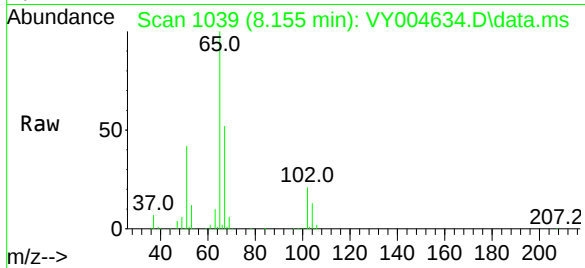




#33
1,2-Dichloroethane-d4
Concen: 58.25 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

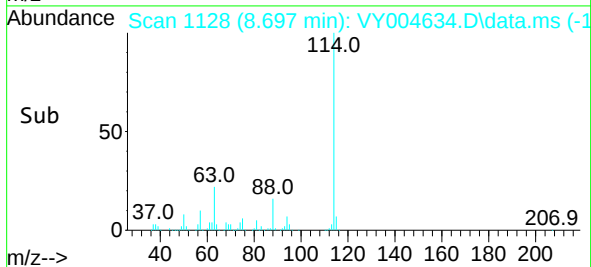
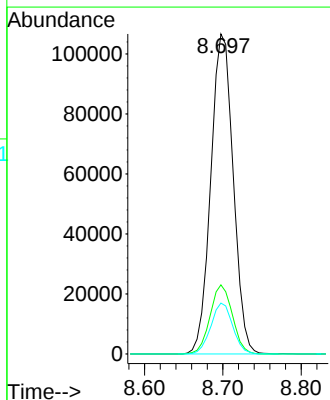
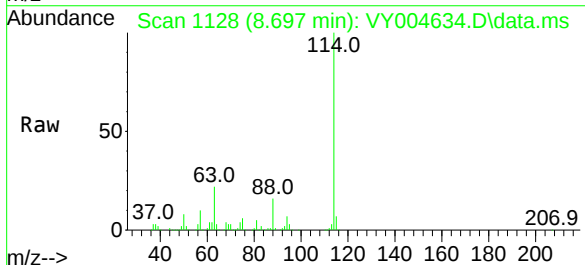
Instrument :
MSVOA_Y
ClientSampled :

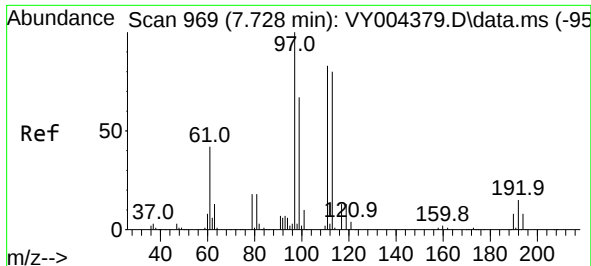
Tgt Ion: 65 Resp: 78766
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

Tgt Ion: 114 Resp: 212312
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 15.9 0.0 30.8

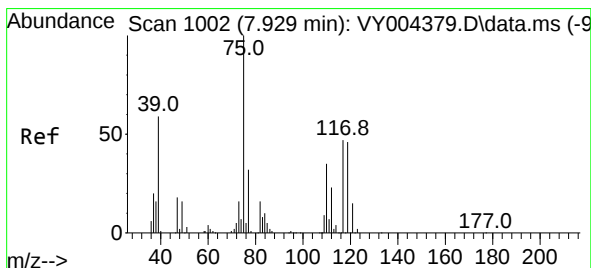
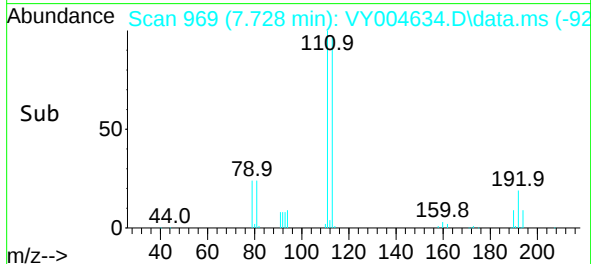
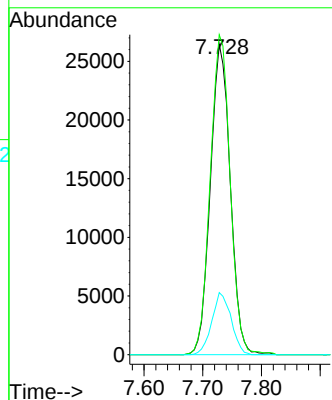
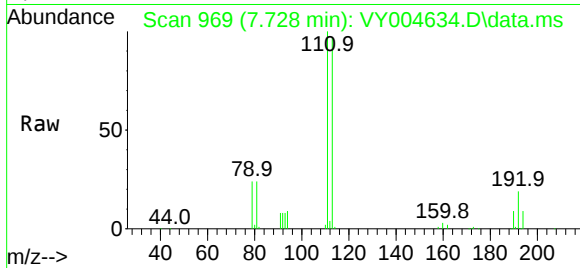




#35
Dibromofluoromethane
Concen: 52.94 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

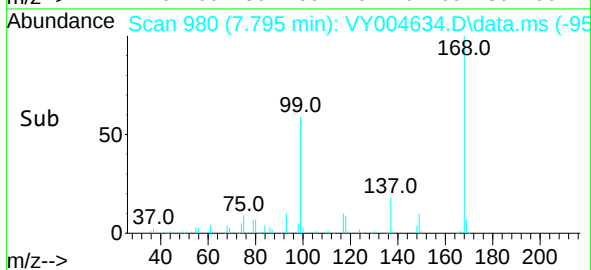
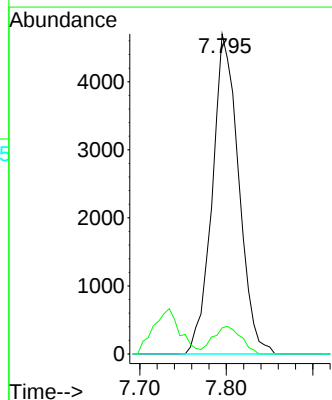
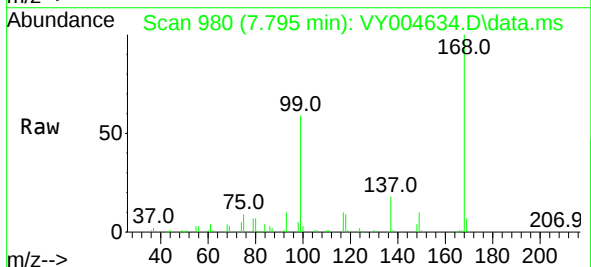
Instrument :
MSVOA_Y
ClientSampleId :

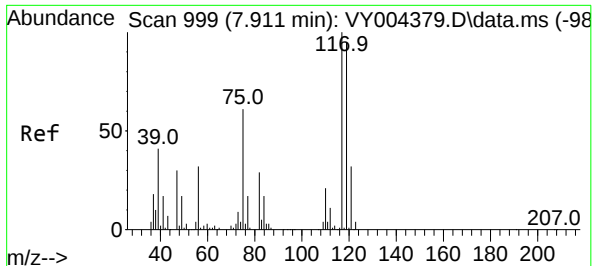
Tgt Ion:	113	Resp:	62379
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	19.4	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

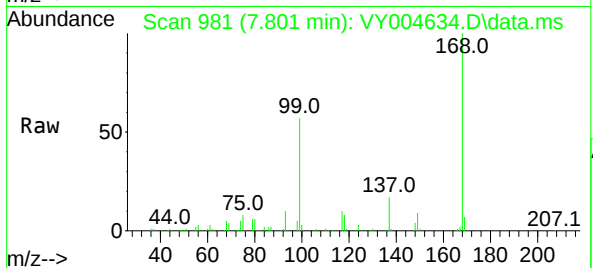
Tgt Ion:	75	Resp:	9962
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	51.7#
77	0.0	24.3	36.5#



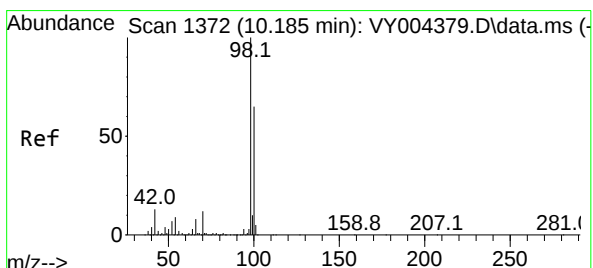
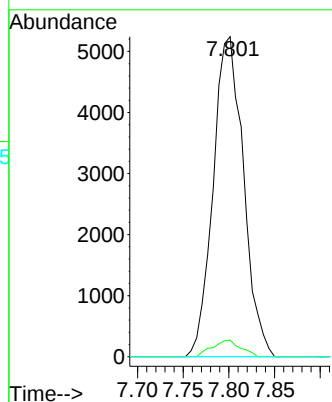
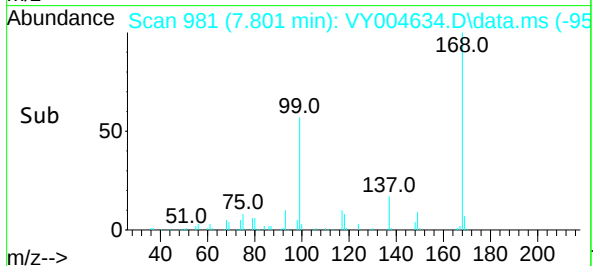


#38
Carbon Tetrachloride
Concen: 6.63 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

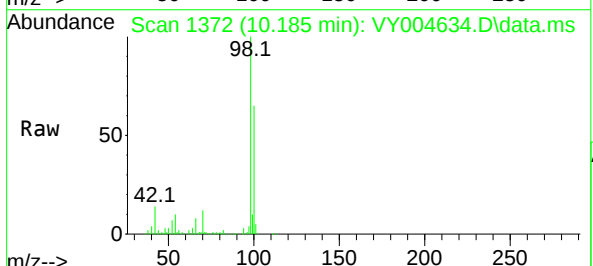
Instrument :
MSVOA_Y
ClientSampleId :



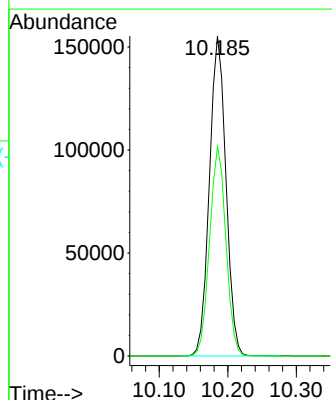
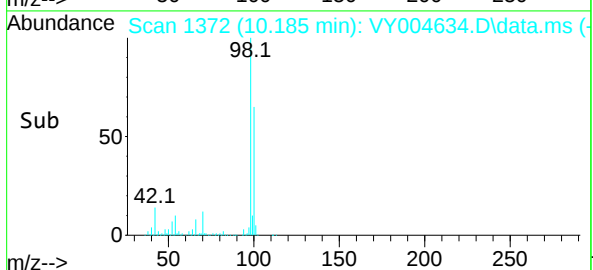
Tgt Ion:117 Resp: 12085
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 25.3 37.9#

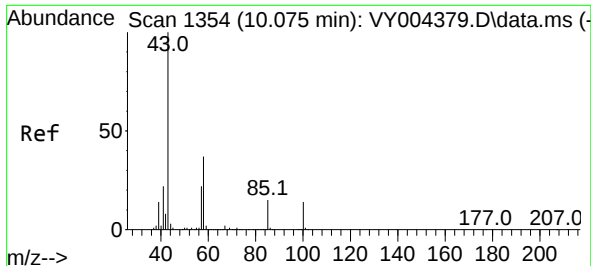


#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59



Tgt Ion: 98 Resp: 260593
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

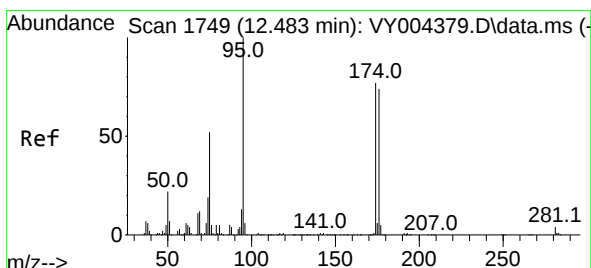
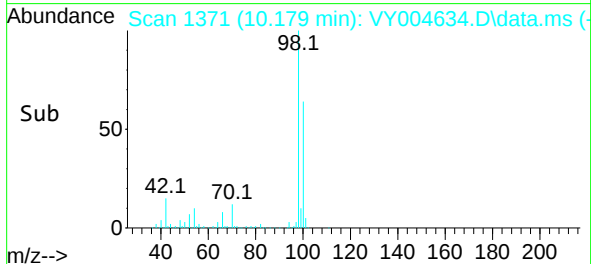
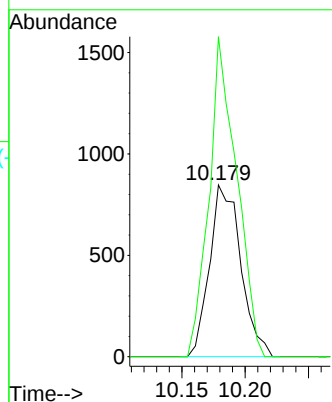
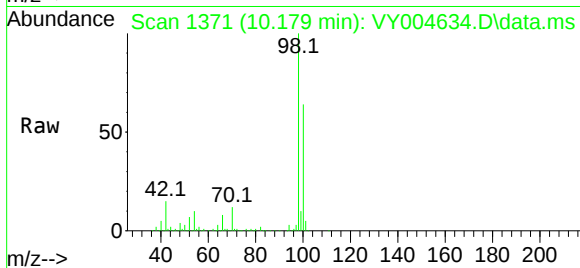




#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

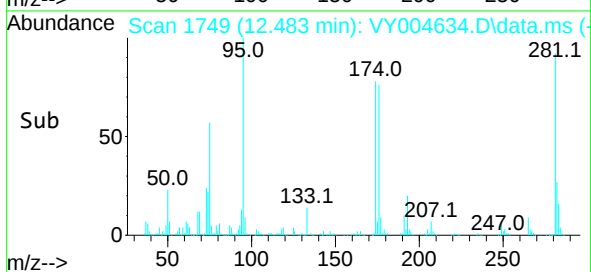
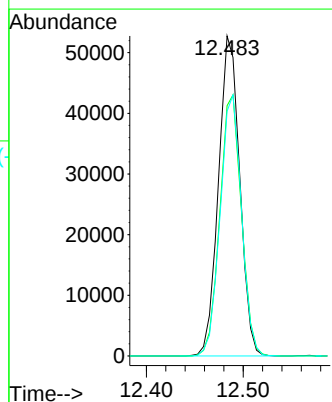
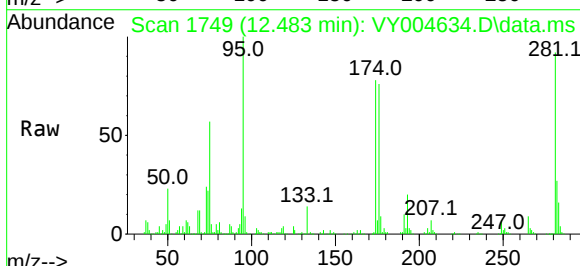
Instrument :
MSVOA_Y
ClientSampled :

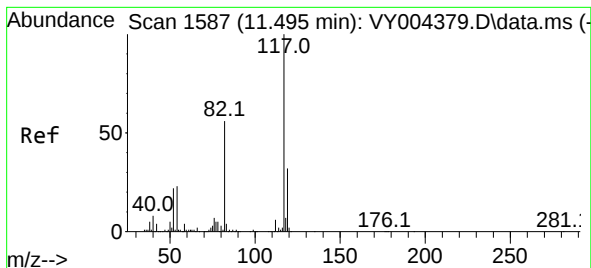
Tgt Ion: 43 Resp: 1452
Ion Ratio Lower Upper
43 100
58 165.6 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 47.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

Tgt Ion: 95 Resp: 80235
Ion Ratio Lower Upper
95 100
174 82.8 0.0 162.4
176 81.8 0.0 156.0

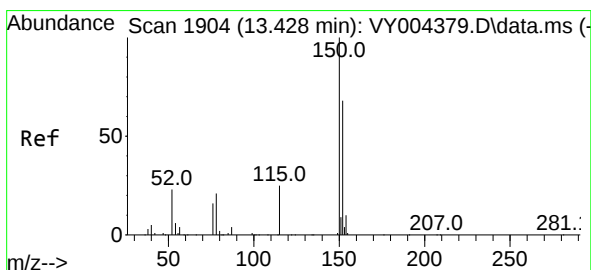
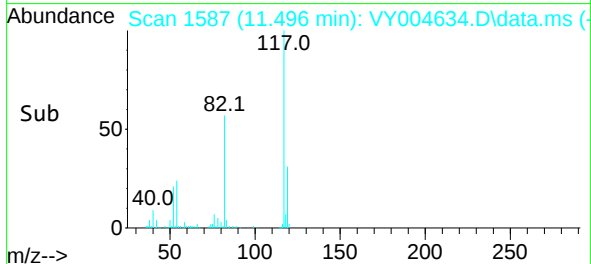
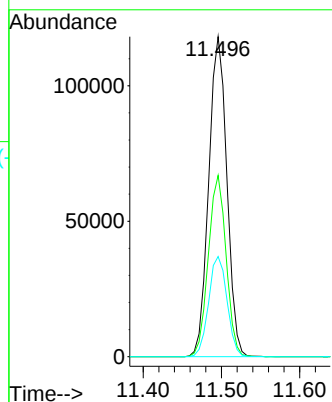
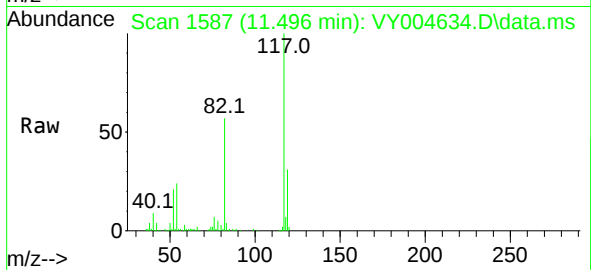




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

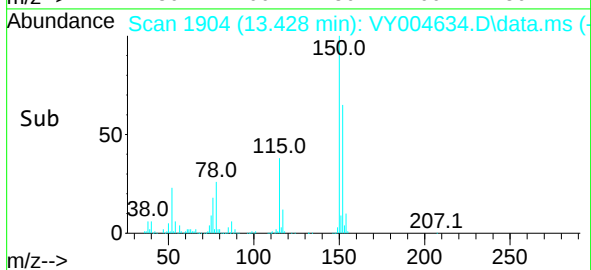
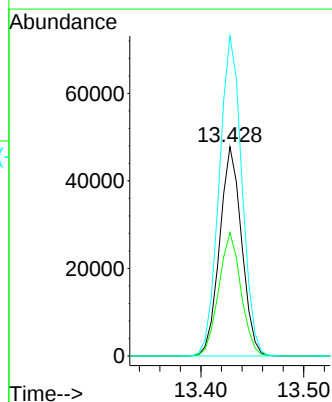
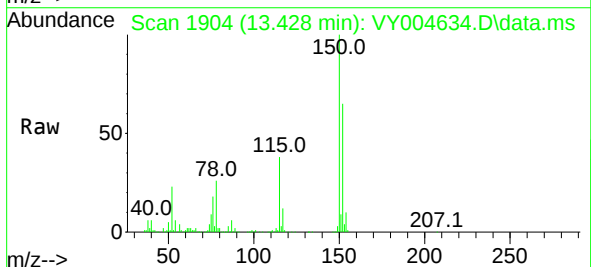
Instrument :
MSVOA_Y
ClientSampleId :

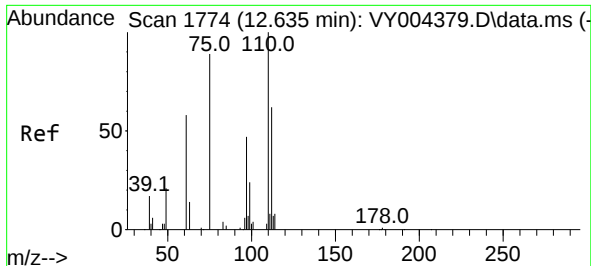
Tgt Ion:117 Resp: 189827
Ion Ratio Lower Upper
117 100
82 56.7 44.9 67.3
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

Tgt Ion:152 Resp: 70950
Ion Ratio Lower Upper
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115 59.5 29.6 88.8
150 157.8 0.0 348.4

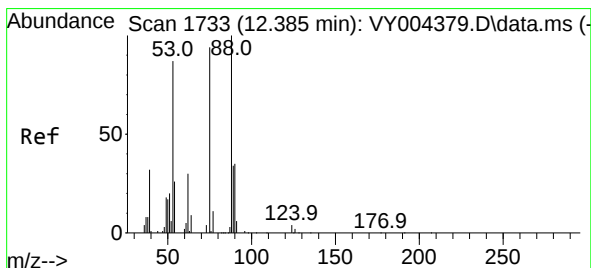
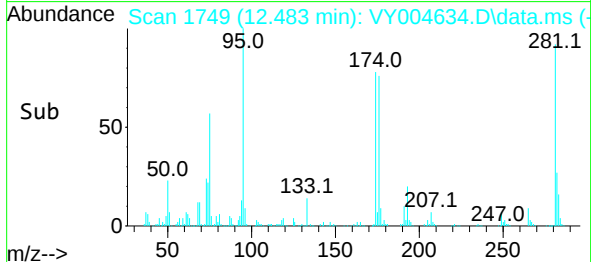
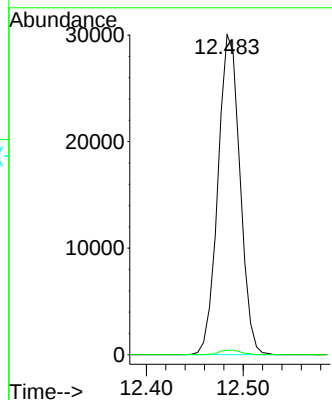
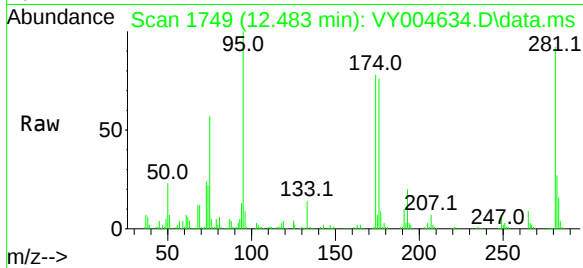




#76
1,2,3-Trichloropropane
Concen: 62.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47462
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

Tgt Ion: 75 Resp: 47462
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 2.5 36.1 54.1#

