

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004533.D
 Acq On : 20 Apr 2021 16:54
 Operator : SY/MD
 Sample : M2090-20
 Misc : 6.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:52:59 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)

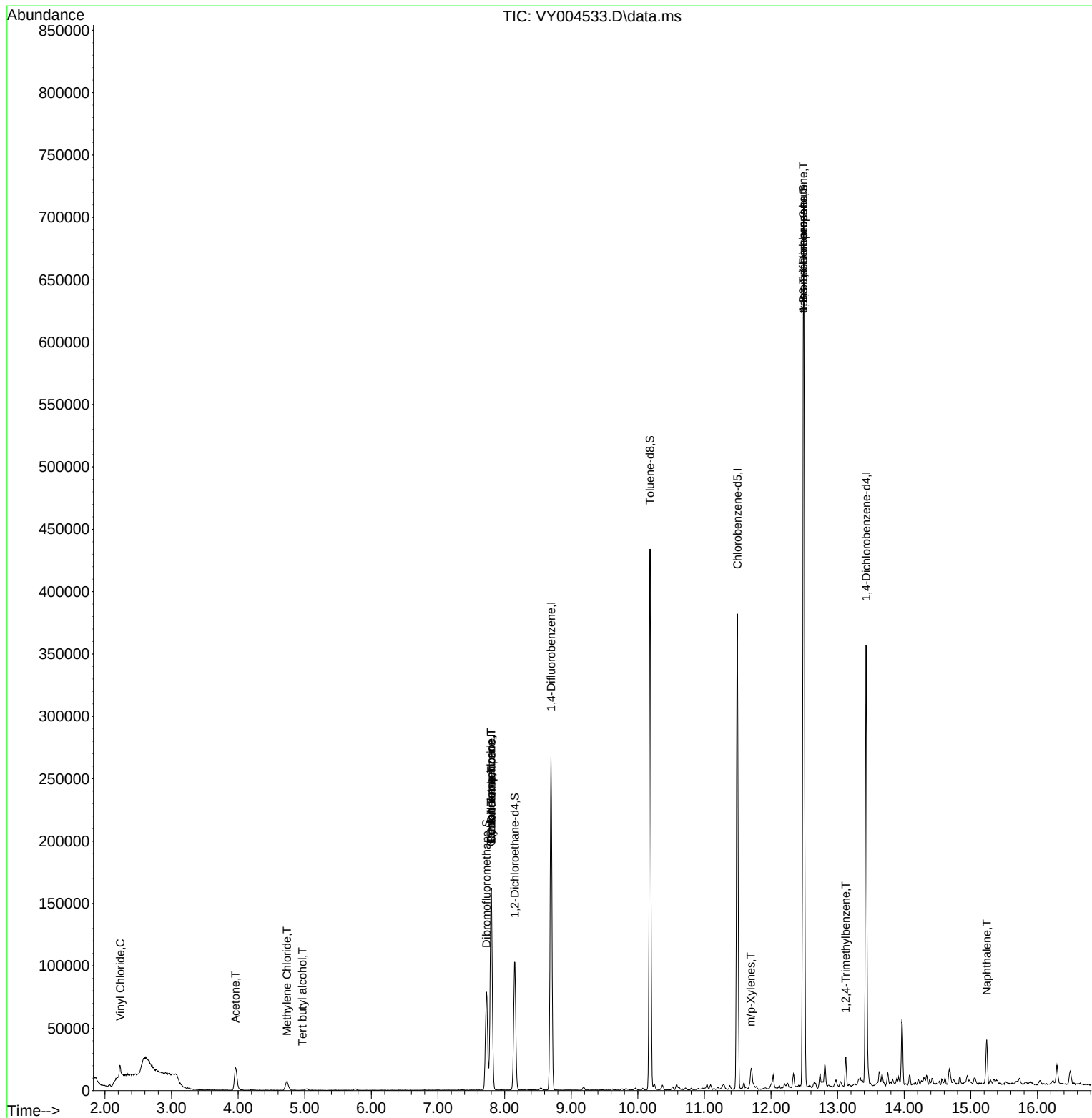
Internal Standards						
1) Pentafluorobenzene	7.801	168	122355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79059	58.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.32%			
35) Dibromofluoromethane	7.728	113	54228	45.65	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.30%			
50) Toluene-d8	10.185	98	263219	52.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.18%			
62) 4-Bromofluorobenzene	12.483	95	88067	51.36	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.72%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.229	62	7136	4.12	ug/l #	43
11) Tert butyl alcohol	4.966	59	187	1.40	ug/l #	73
16) Acetone	3.960	43	33323	104.28	ug/l	99
20) Methylene Chloride	4.735	84	4989	3.80	ug/l	91
31) Cyclohexane	7.801	56	3279	1.32	ug/l #	19
36) 1,1-Dichloropropene	7.801	75	10388	4.88	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12455	6.77	ug/l #	16
68) m/p-Xylenes	11.697	106	4220	1.50	ug/l	92
76) 1,2,3-Trichloropropane	12.483	75	52572	58.59	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52572	104.81	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.123	105	11380	2.15	ug/l	99
95) Naphthalene	15.239	128	27944	8.10	ug/l	99

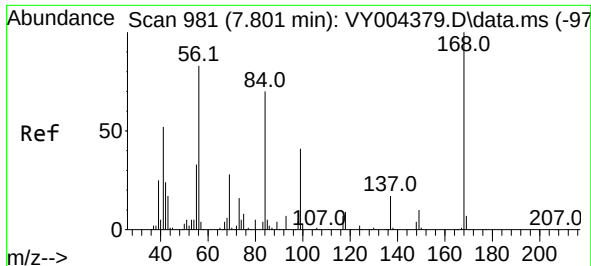
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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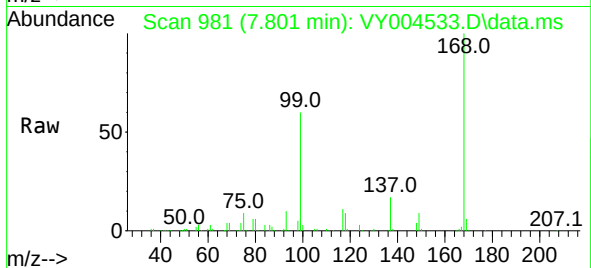
Quant Time: Apr 21 08:52:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



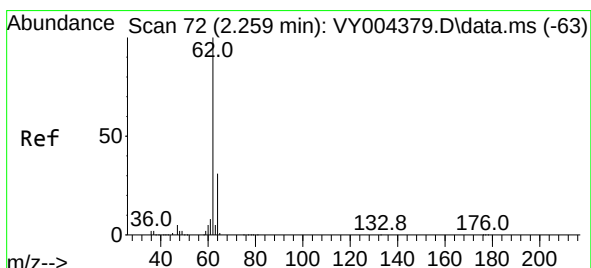
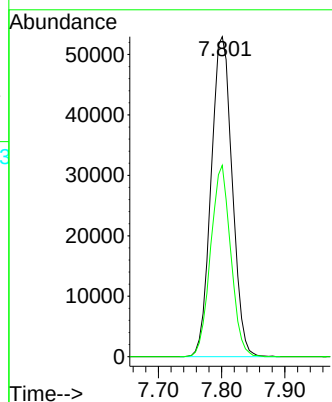
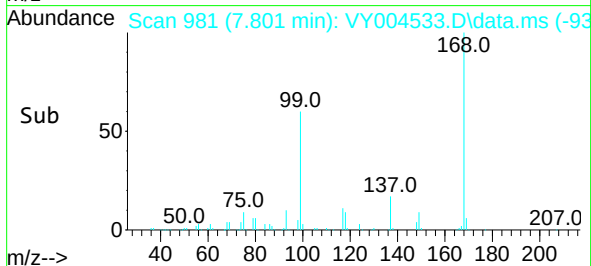


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

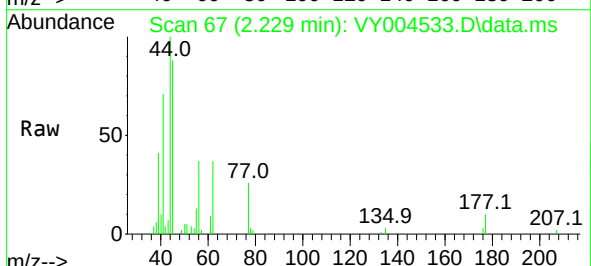
Instrument :
MSVOA_Y
ClientSampled :



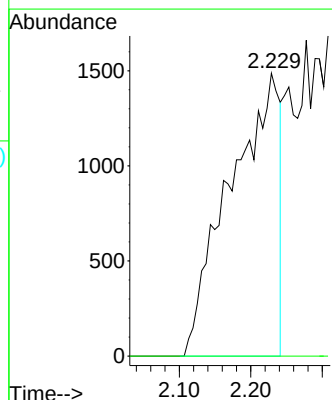
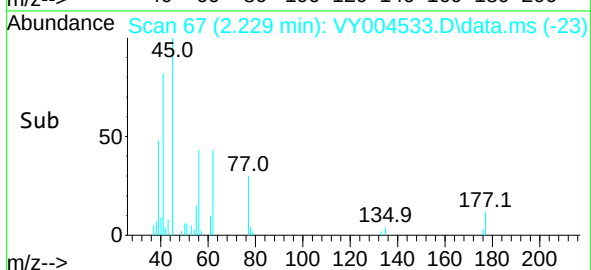
Tgt Ion:168 Resp: 122355
Ion Ratio Lower Upper
168 100
99 59.8 45.5 68.3

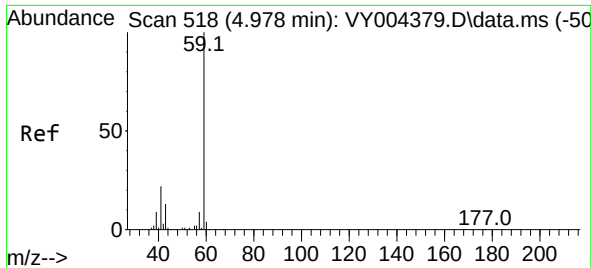


#4
Vinyl Chloride
Concen: 4.12 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.030 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54



Tgt Ion: 62 Resp: 7136
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

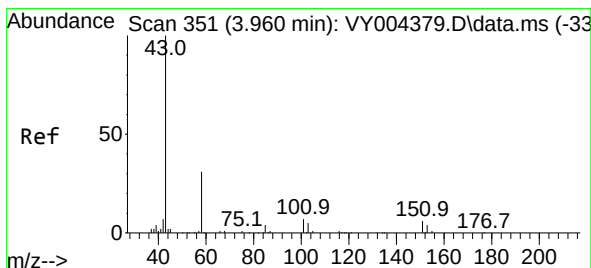
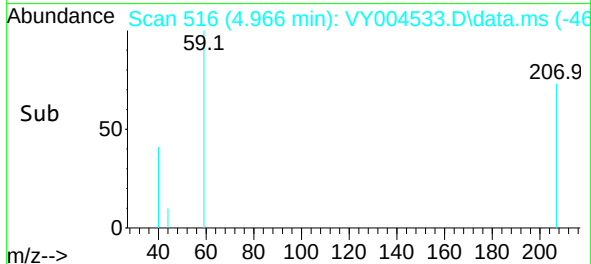
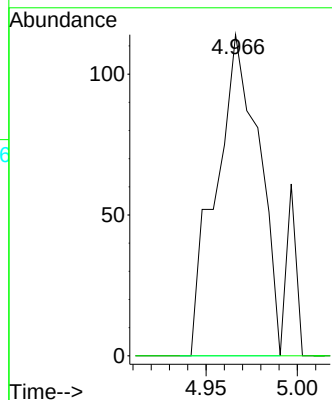
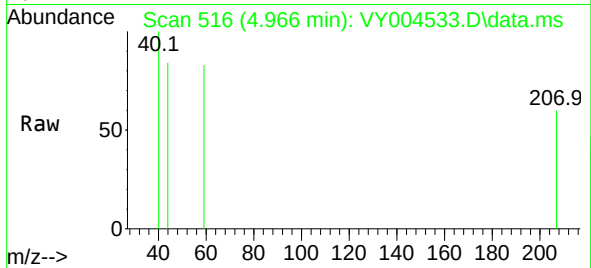




#11
Tert butyl alcohol
Concen: 1.40 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

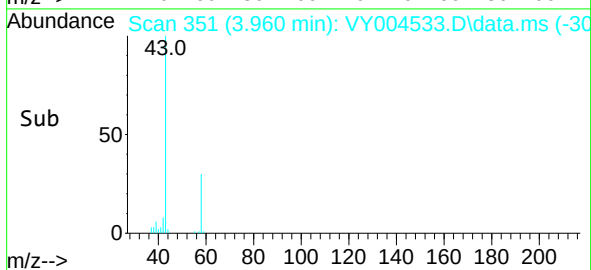
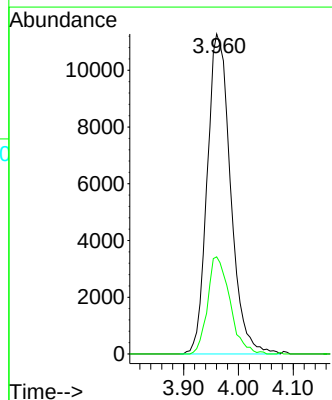
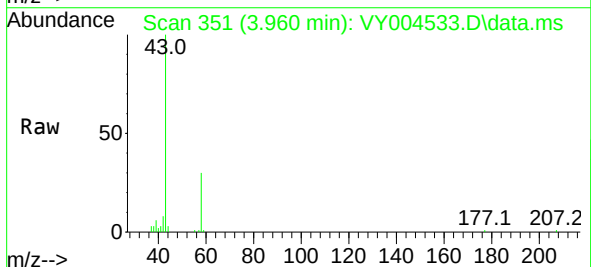
Instrument :
MSVOA_Y
ClientSampled :

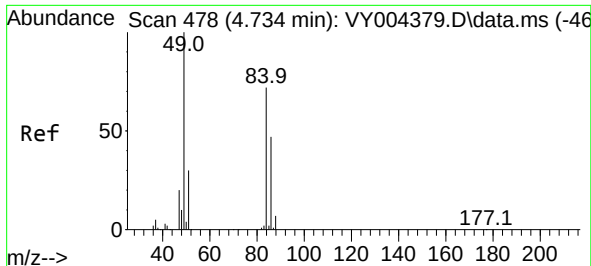
Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 104.28 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

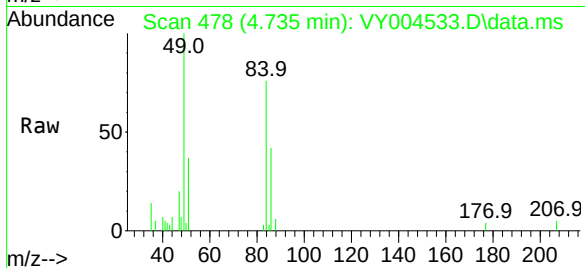
Tgt Ion: 43 Resp: 33323
Ion Ratio Lower Upper
43 100
58 30.4 24.6 37.0



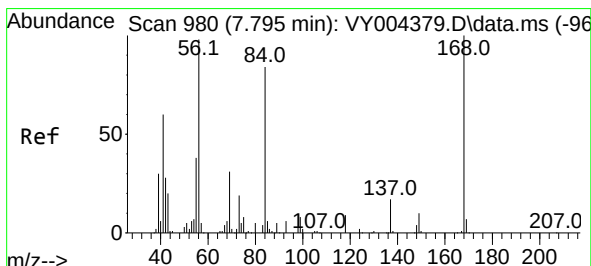
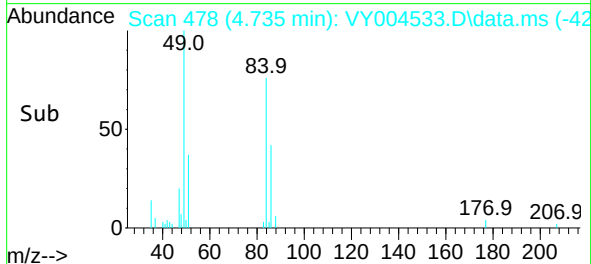
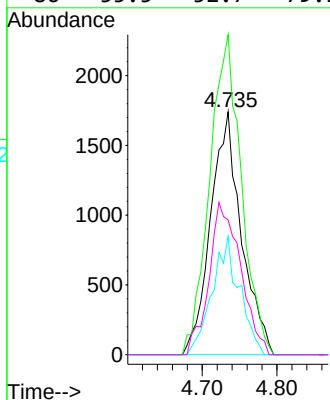


#20
Methylene Chloride
Concen: 3.80 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

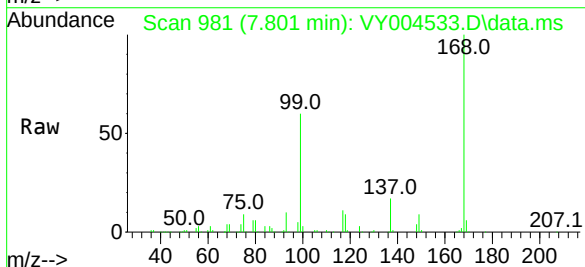
Instrument :
MSVOA_Y
ClientSampled :



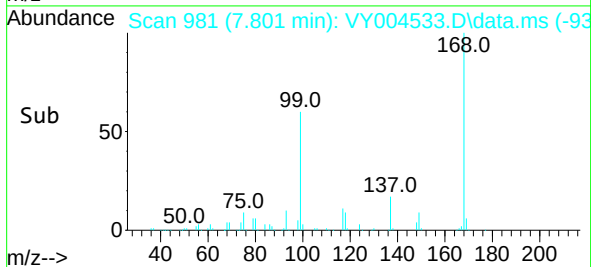
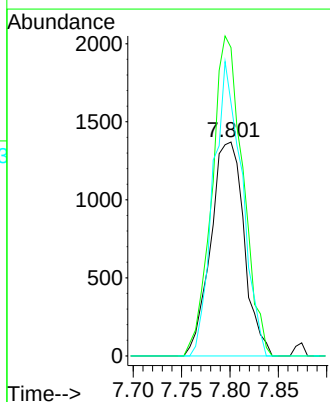
Tgt Ion:	84	Resp:	4989
Ion	Ratio	Lower	Upper
84	100		
49	131.8	111.2	166.8
51	48.7	33.4	50.2
86	55.5	52.7	79.1

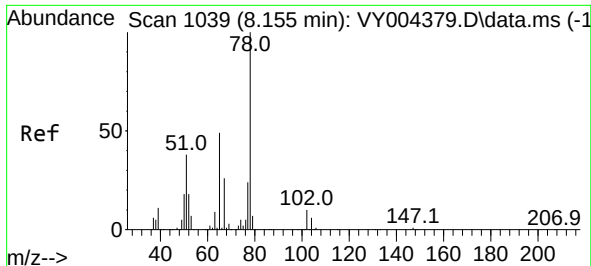


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54



Tgt Ion:	56	Resp:	3279
Ion	Ratio	Lower	Upper
56	100		
69	144.2	25.8	38.6#
84	118.3	68.2	102.4#

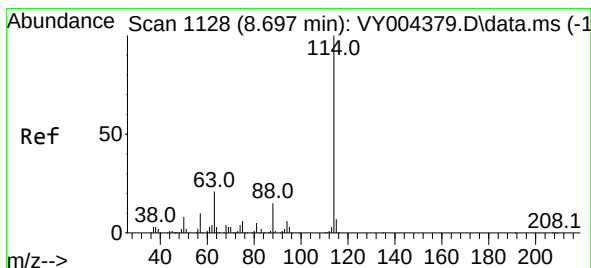
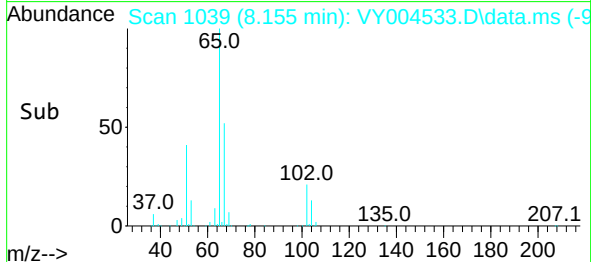
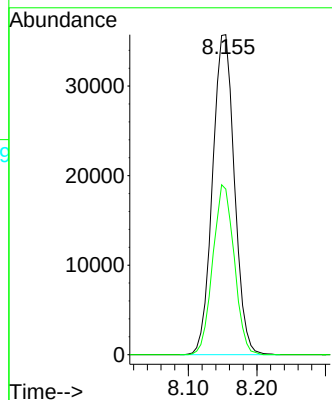
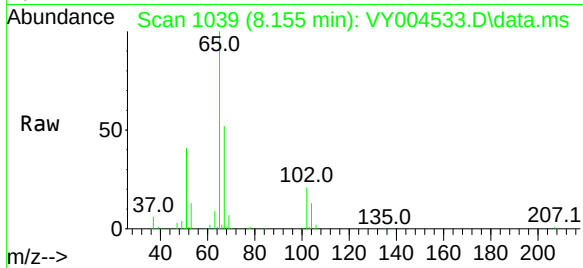




#33
1,2-Dichloroethane-d4
Concen: 58.16 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

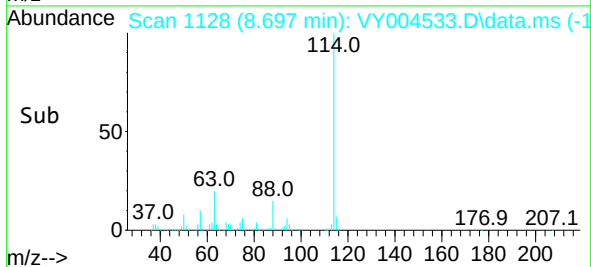
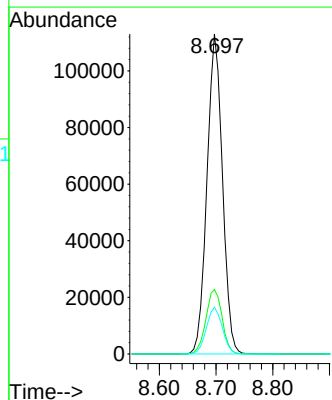
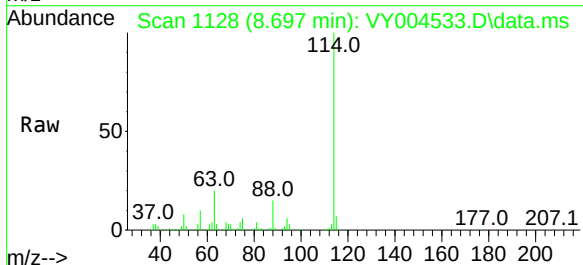
Instrument :
MSVOA_Y
ClientSampled :

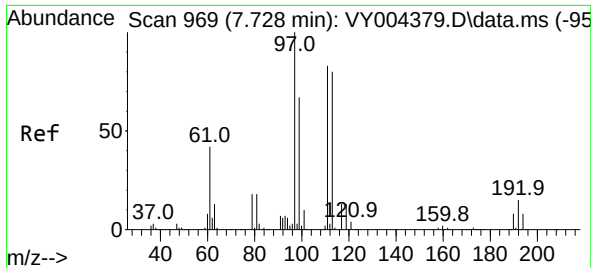
Tgt Ion: 65 Resp: 79059
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion:114 Resp: 214061
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 14.6 0.0 30.8

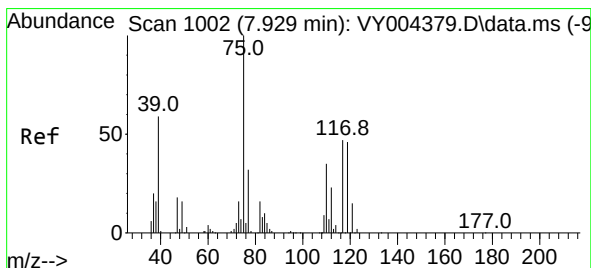
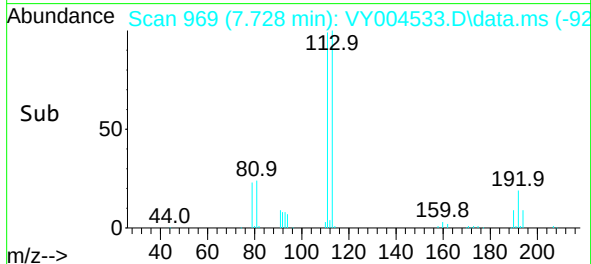
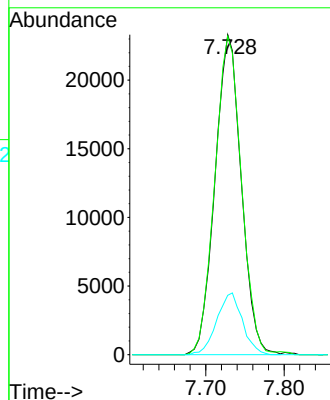
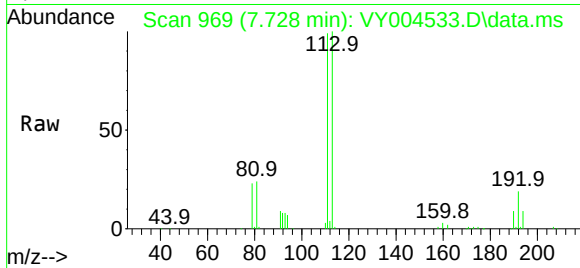




#35
Dibromofluoromethane
Concen: 45.65 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

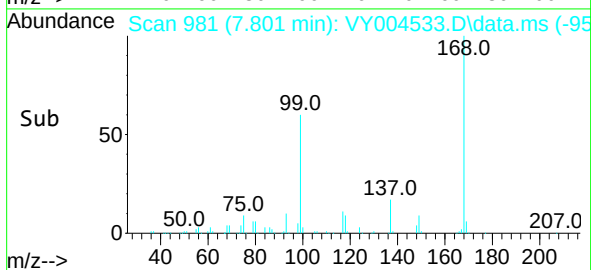
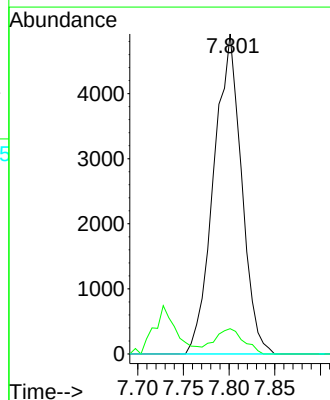
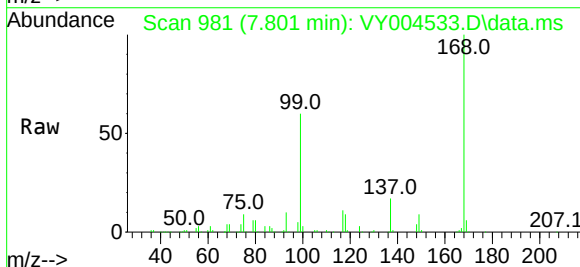
Instrument :
MSVOA_Y
ClientSampled :

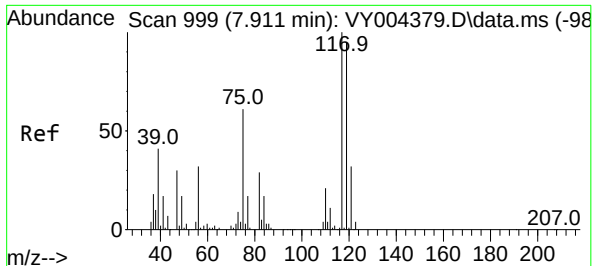
Tgt Ion:113 Resp: 54228
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 18.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

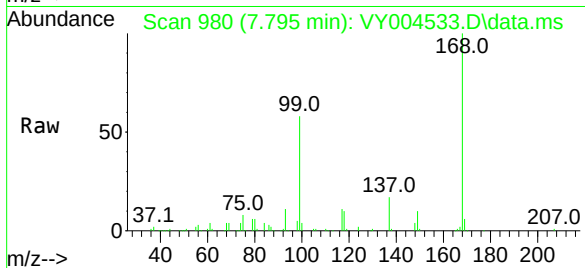
Tgt Ion: 75 Resp: 10388
Ion Ratio Lower Upper
75 100
110 8.2 17.3 51.7#
77 0.0 24.3 36.5#



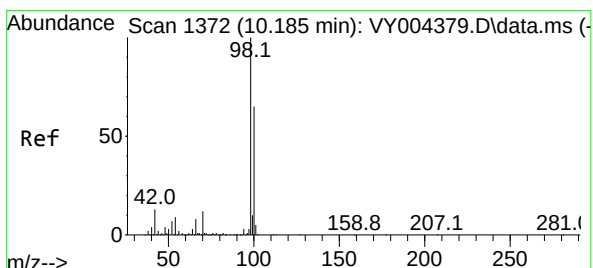
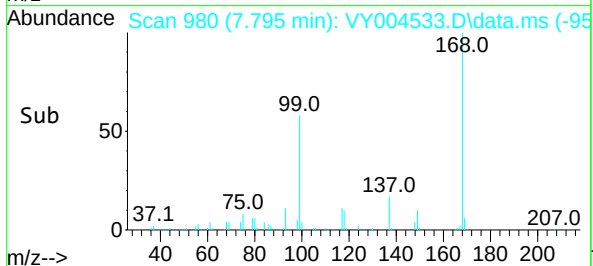
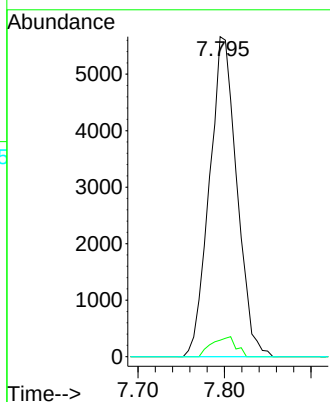


#38
Carbon Tetrachloride
Concen: 6.77 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

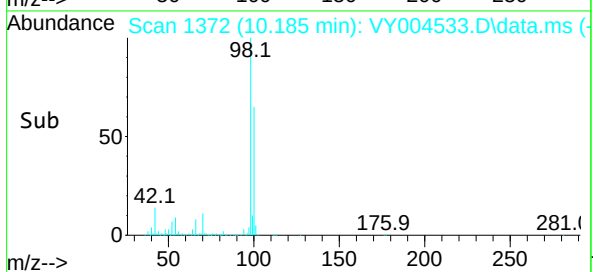
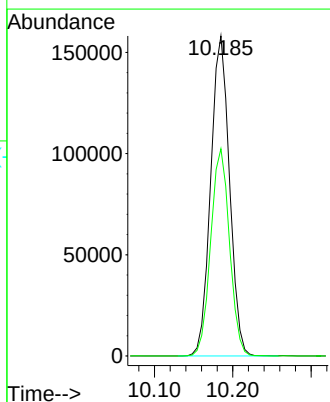
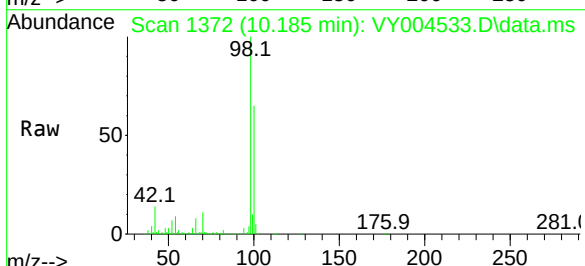


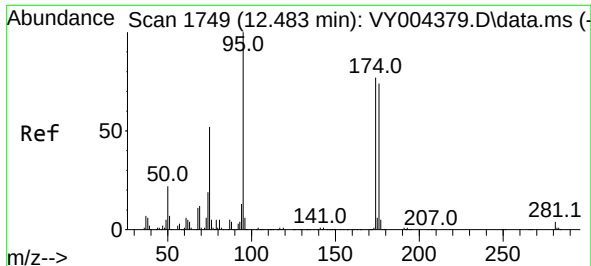
Tgt Ion:117 Resp: 12455
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.09 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion: 98 Resp: 263219
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

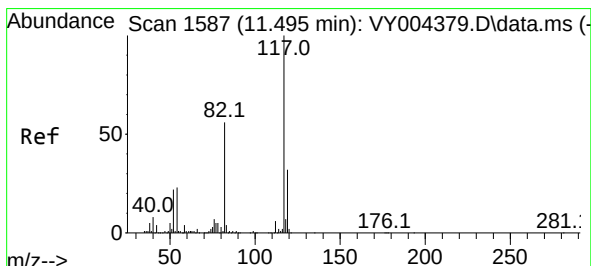
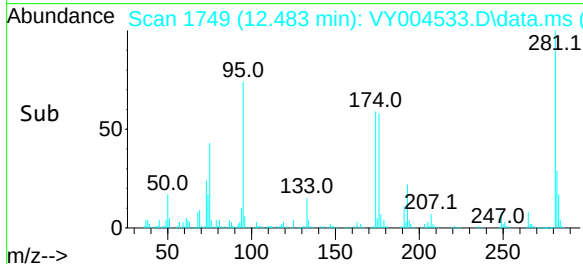
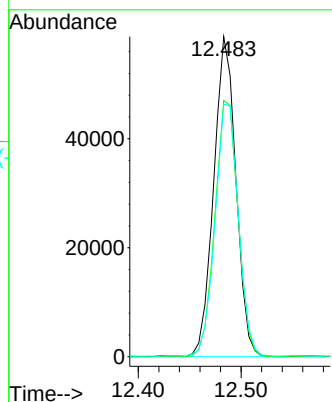
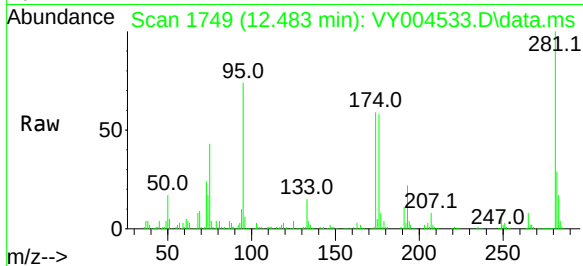




#62
4-Bromofluorobenzene
Concen: 51.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

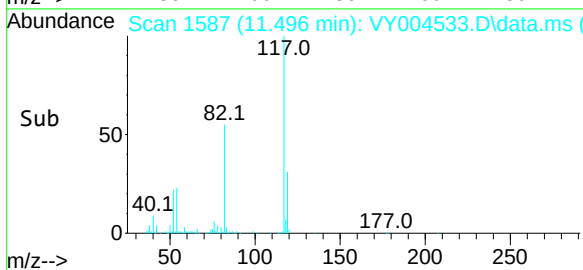
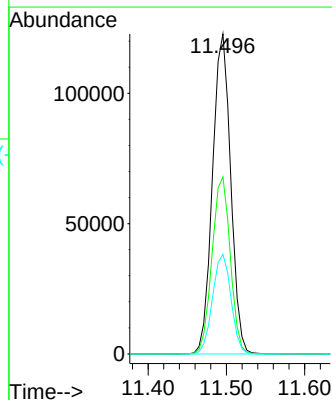
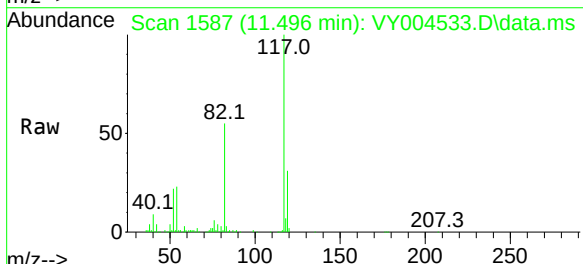
Instrument :
MSVOA_Y
ClientSampleId :

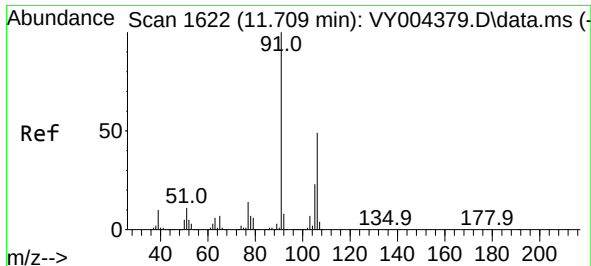
Tgt Ion: 95 Resp: 88067
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 82.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion: 117 Resp: 197865
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 31.2 25.4 38.0

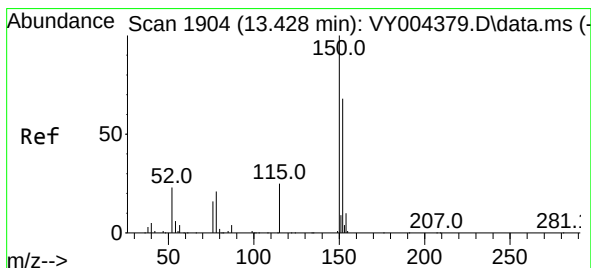
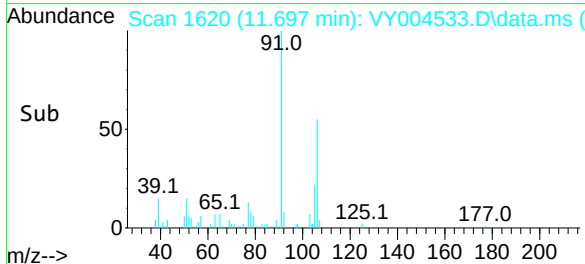
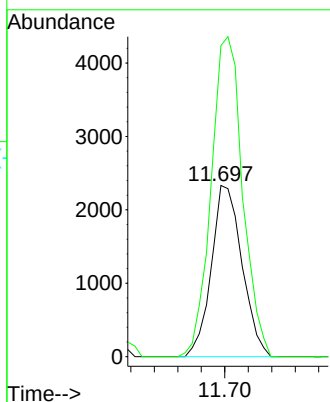
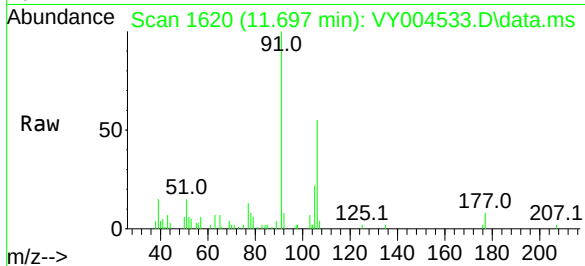




#68
m/p-Xylenes
Concen: 1.50 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

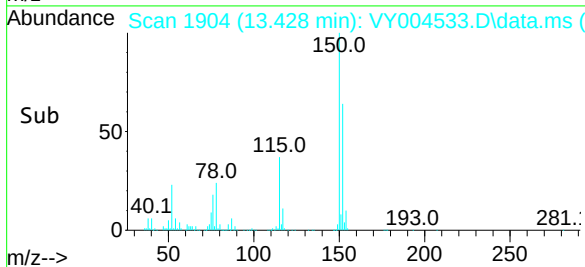
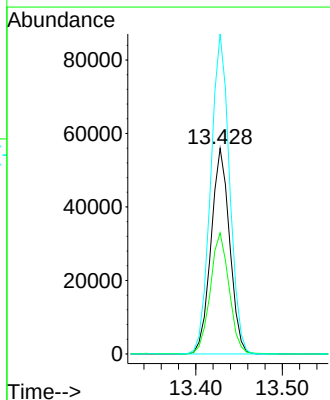
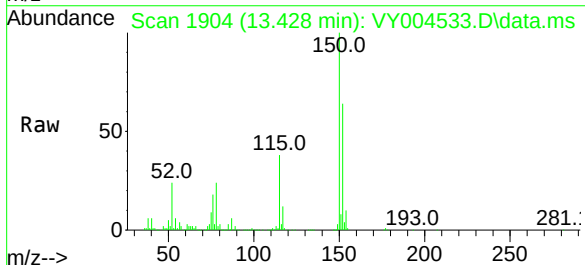
Instrument :
MSVOA_Y
ClientSampleId :

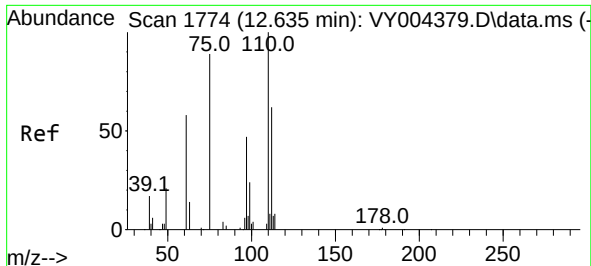
Tgt Ion:106 Resp: 4220
Ion Ratio Lower Upper
106 100
91 192.3 163.2 244.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion:152 Resp: 83600
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 157.4 0.0 348.4

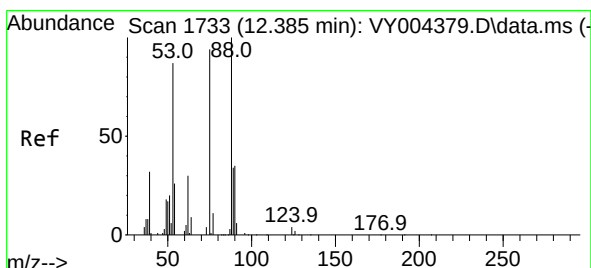
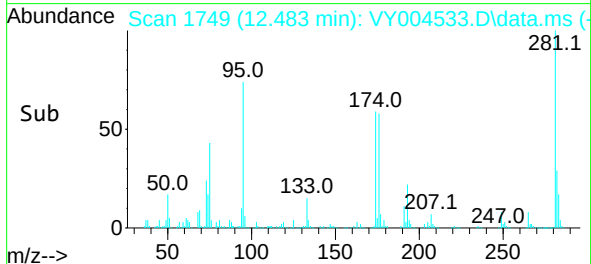
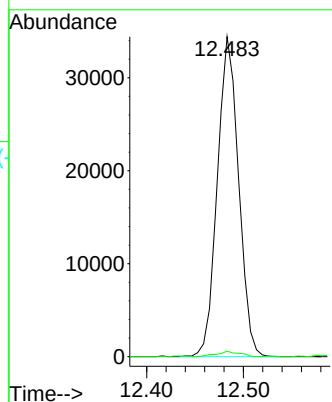
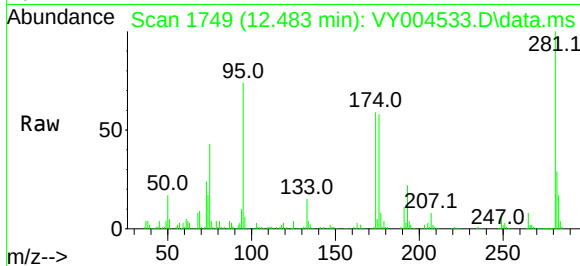




#76
1,2,3-Trichloropropane
Concen: 58.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

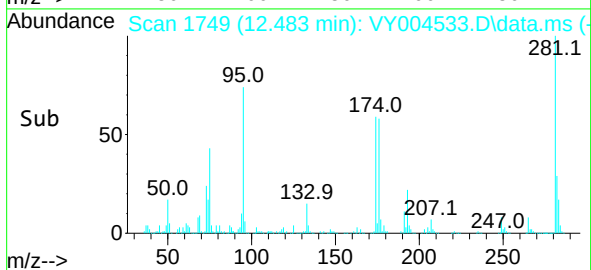
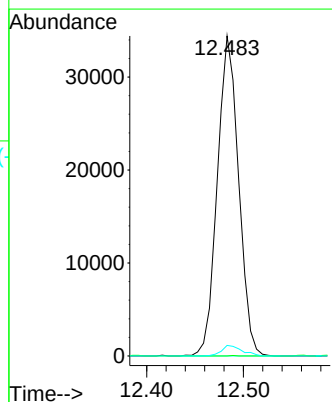
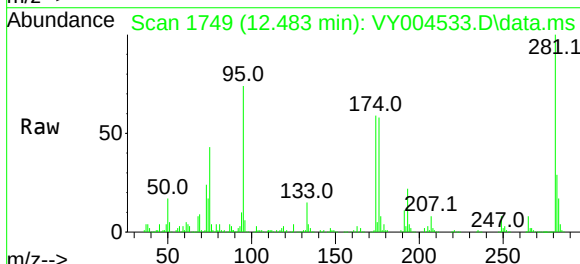
Instrument :
MSVOA_Y
ClientSampleId :

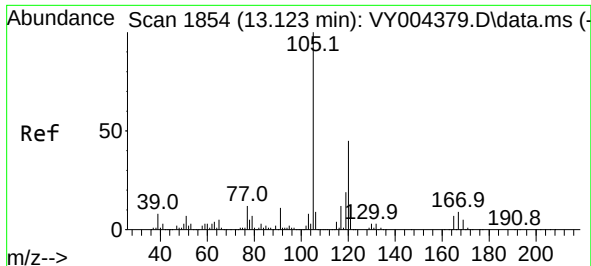
Tgt Ion: 75 Resp: 52572
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.81 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion: 75 Resp: 52572
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 3.2 36.1 54.1#

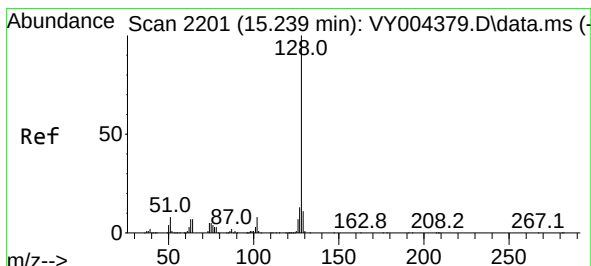
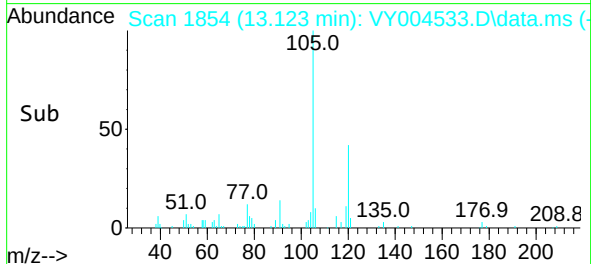
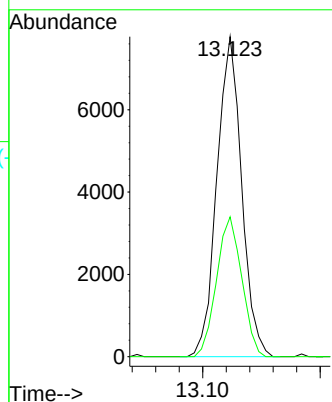
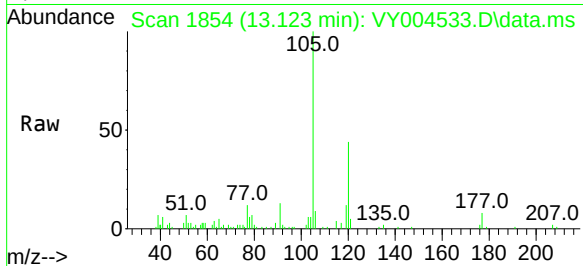




#84
1,2,4-Trimethylbenzene
Concen: 2.15 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:105 Resp: 11380
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3



#95
Naphthalene
Concen: 8.10 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004533.D
Acq: 20 Apr 2021 16:54

Tgt Ion:128 Resp: 27944
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.2 8.8 13.2

