

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004624.D
 Acq On : 26 Apr 2021 13:06
 Operator : SY/MD
 Sample : M2143-01RE
 Misc : 4.97G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:32:11 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

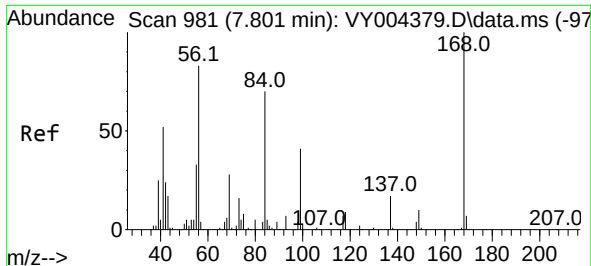
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	122294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81598	60.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.10%			
35) Dibromofluoromethane	7.728	113	66965	56.80	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.60%			
50) Toluene-d8	10.185	98	261385	52.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.24%			
62) 4-Bromofluorobenzene	12.483	95	84953	49.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.84%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	251	1.87	ug/l #	73
16) Acetone	3.973	43	642	Below Cal		97
20) Methylene Chloride	4.728	84	7654	5.83	ug/l	89
31) Cyclohexane	7.795	56	3069	1.23	ug/l #	29
36) 1,1-Dichloropropene	7.801	75	10104	4.79	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12706	6.96	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1514	1.14	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	49712	56.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49712	100.46	ug/l #	13
95) Naphthalene	15.245	128	3424	1.01	ug/l #	90

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

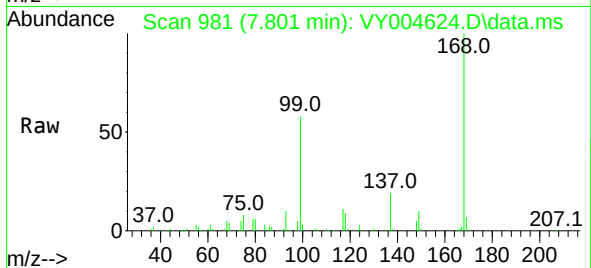
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



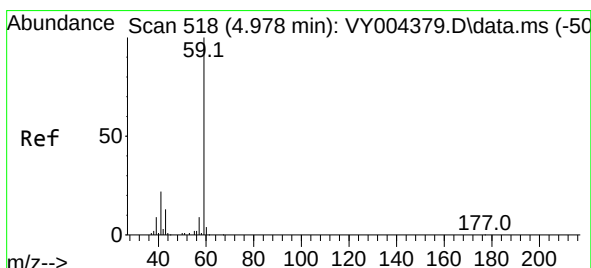
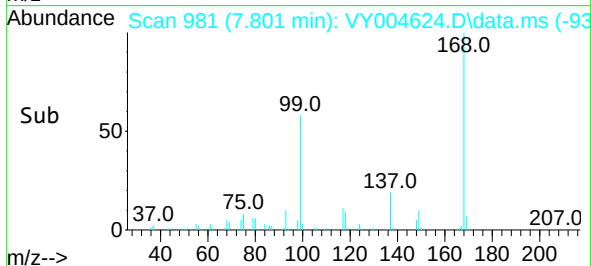
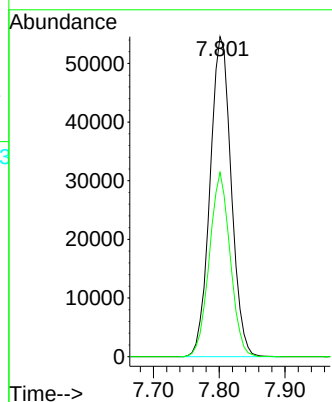


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :

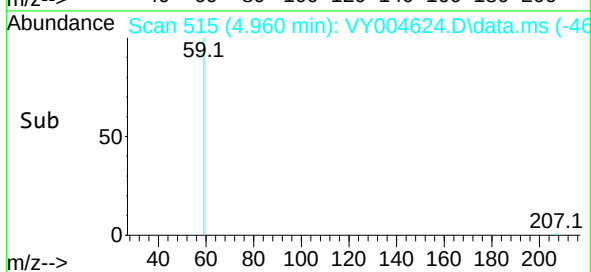
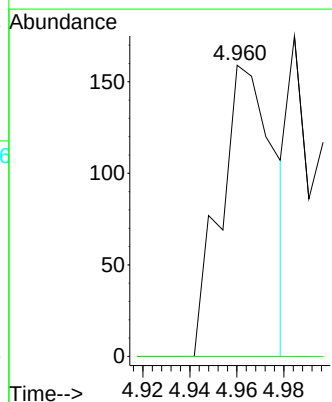
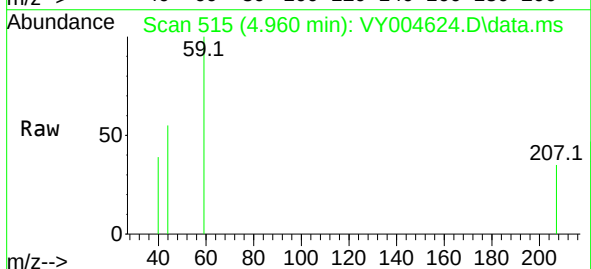


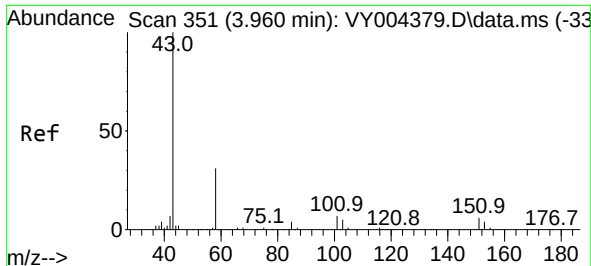
Tgt Ion:168 Resp: 122294
Ion Ratio Lower Upper
168 100
99 57.6 45.5 68.3



#11
Tert butyl alcohol
Concen: 1.87 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

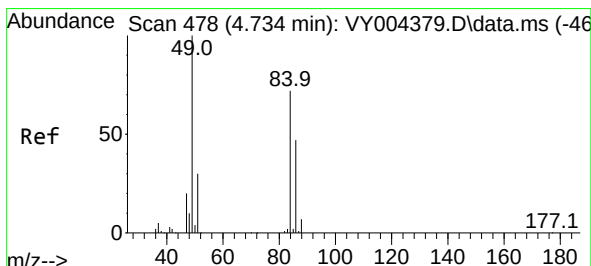
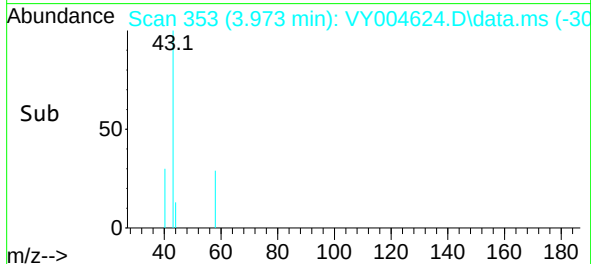
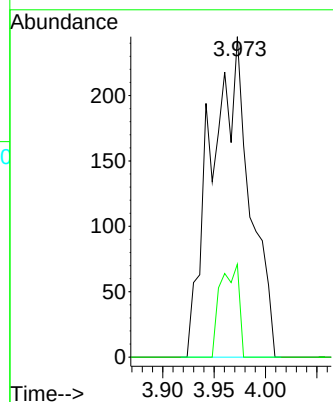
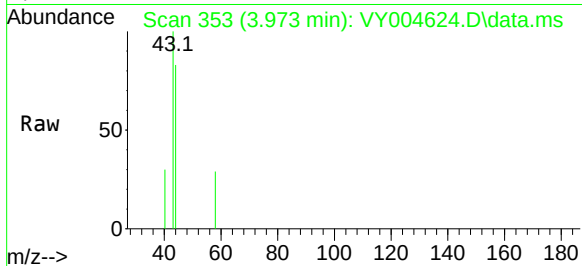




#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

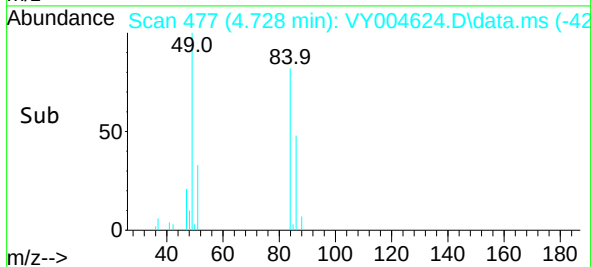
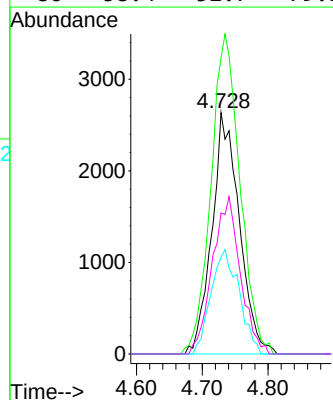
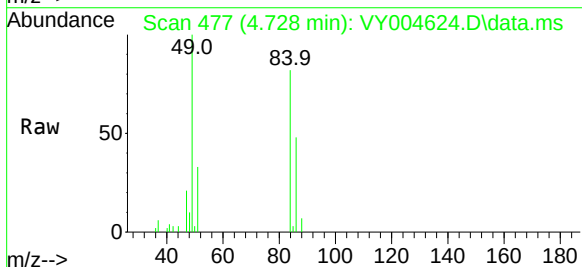
Instrument :
MSVOA_Y
ClientSampled :

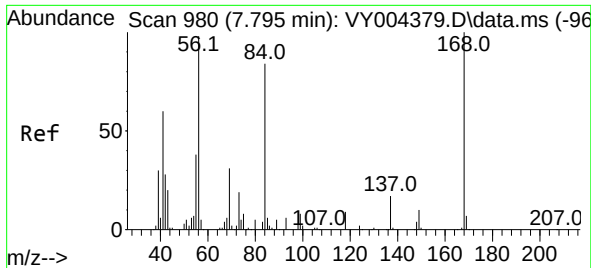
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 29.0 24.6 37.0



#20
Methylene Chloride
Concen: 5.83 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

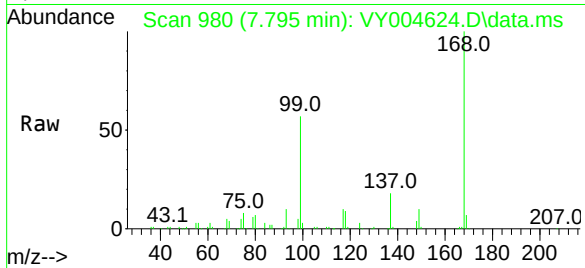
Tgt Ion: 84 Resp: 7654
Ion Ratio Lower Upper
84 100
49 122.6 111.2 166.8
51 40.0 33.4 50.2
86 58.4 52.7 79.1



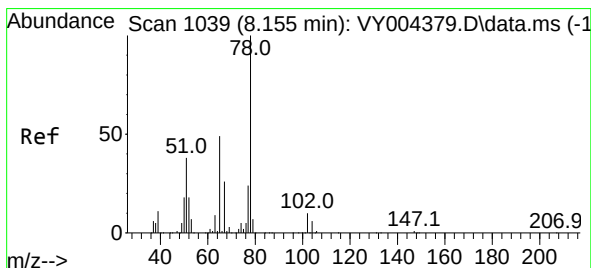
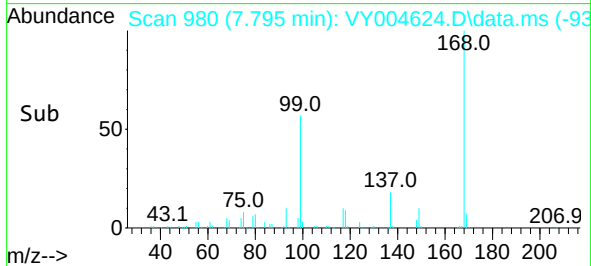
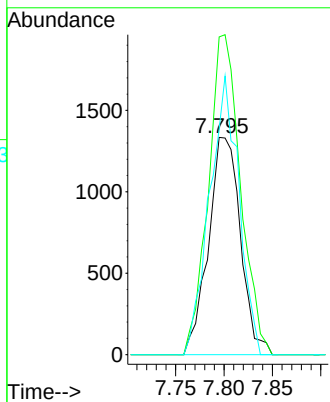


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :

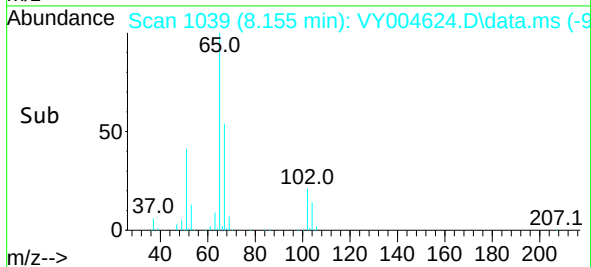
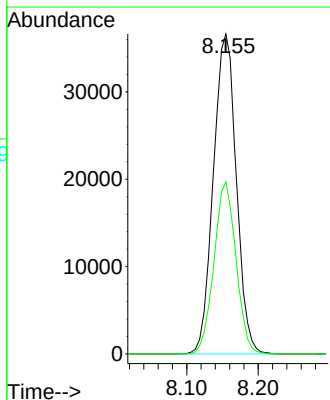
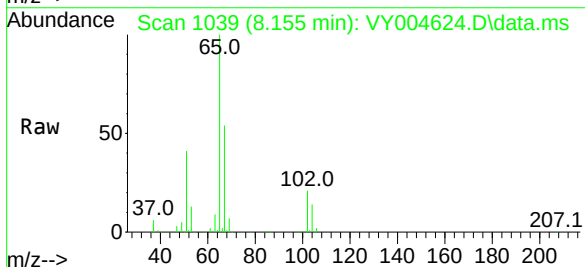


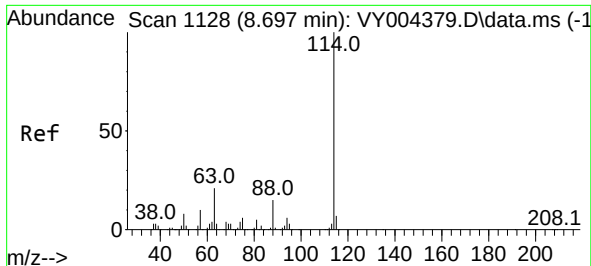
Tgt Ion: 56 Resp: 3069
Ion Ratio Lower Upper
56 100
69 146.3 25.8 38.6#
84 103.9 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 60.05 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Tgt Ion: 65 Resp: 81598
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4

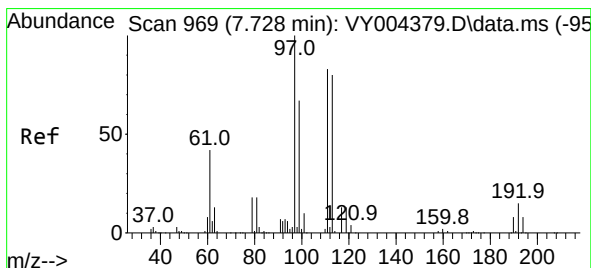
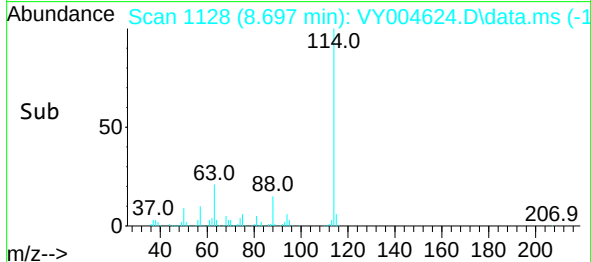
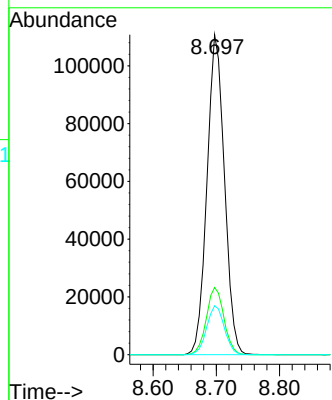
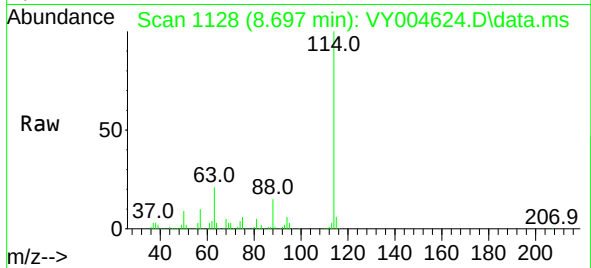




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

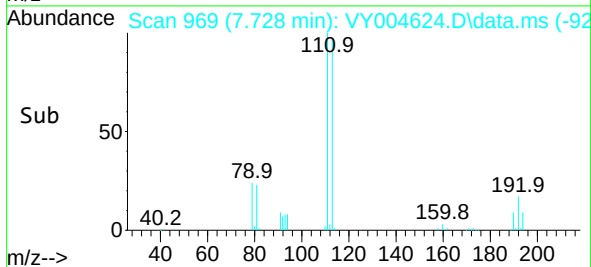
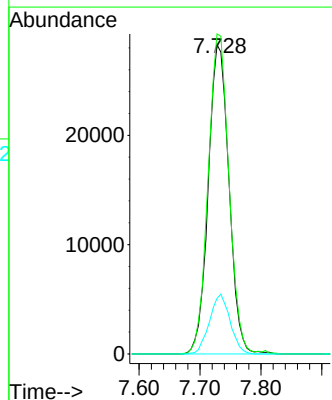
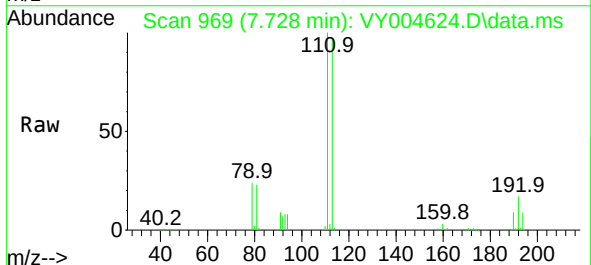
Instrument :
MSVOA_Y
ClientSampleId :

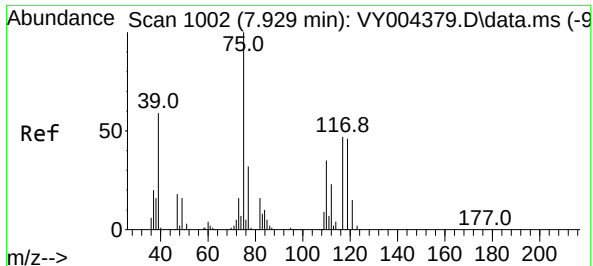
Tgt Ion:114 Resp: 212462
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.80 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Tgt Ion:113 Resp: 66965
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 19.1 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.79 ug/l

RT: 7.801 min Scan# 981

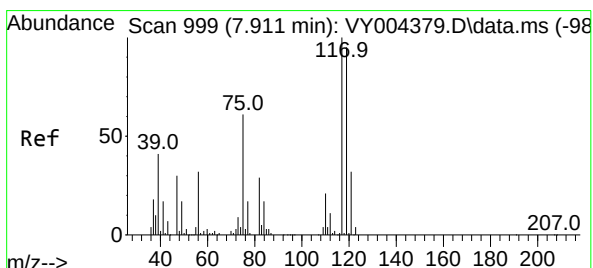
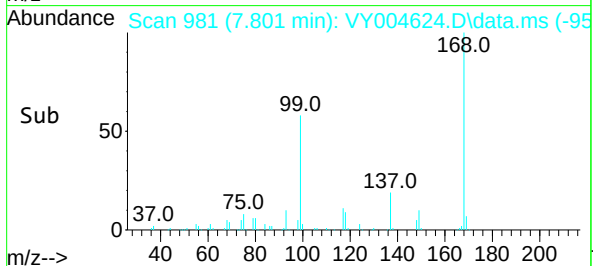
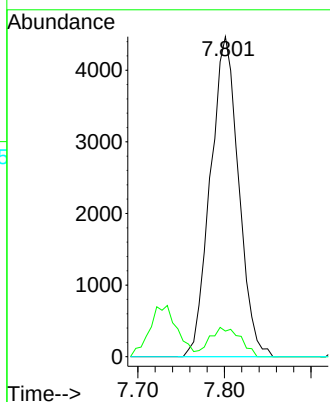
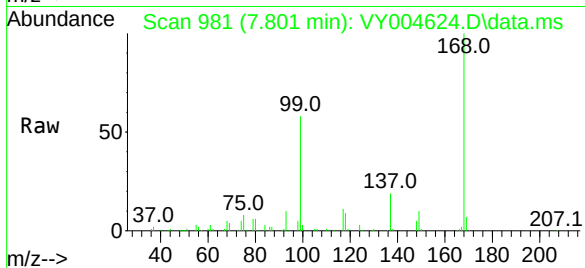
Delta R.T. -0.128 min

Lab File: VY004624.D

Acq: 26 Apr 2021 13:06

Tgt Ion: 75	Resp: 10104
Ion Ratio	Lower Upper
75 100	
110 10.0	17.3 51.7#
77 0.0	24.3 36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.96 ug/l

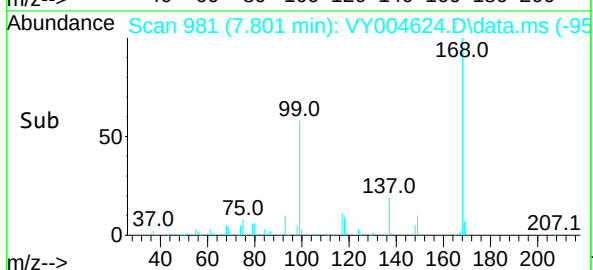
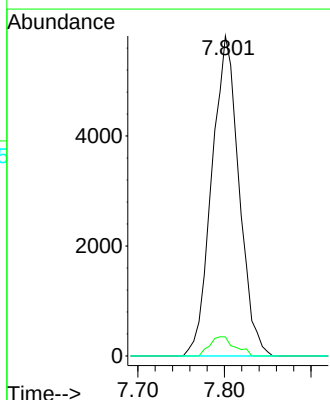
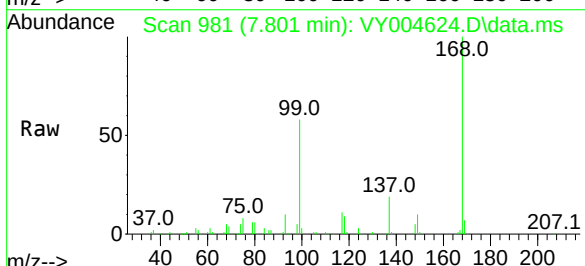
RT: 7.801 min Scan# 981

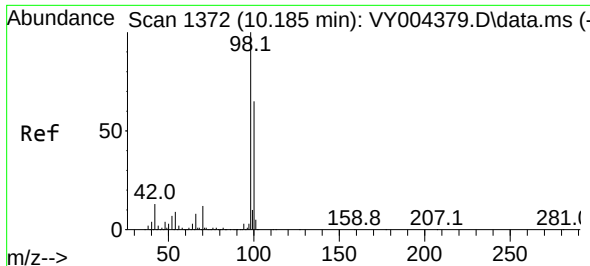
Delta R.T. -0.110 min

Lab File: VY004624.D

Acq: 26 Apr 2021 13:06

Tgt Ion: 117	Resp: 12706
Ion Ratio	Lower Upper
117 100	
119 5.9	75.8 113.8#
121 0.0	25.3 37.9#

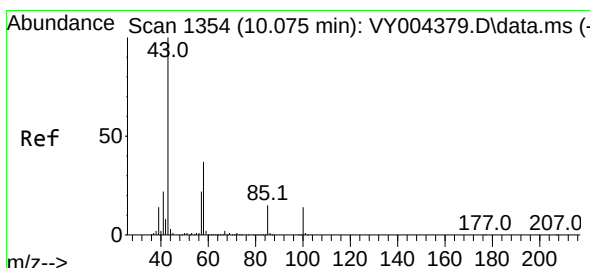
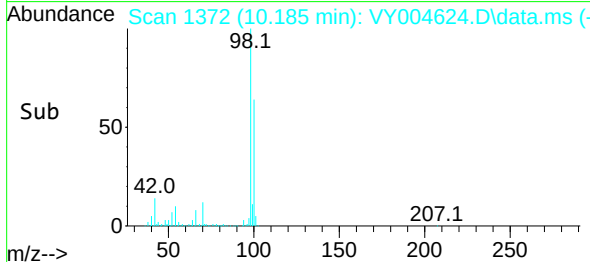
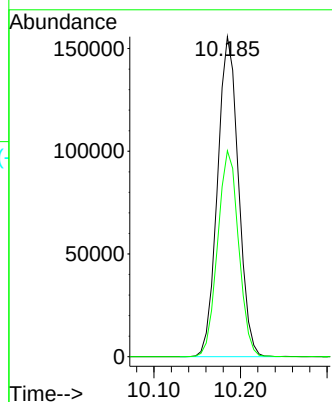
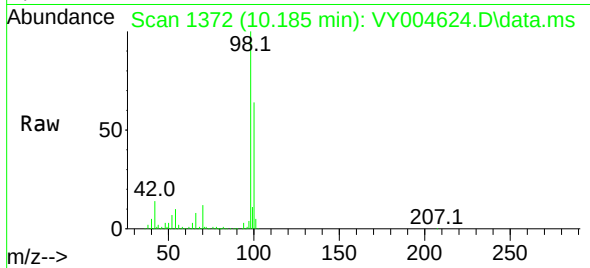




#50
Toluene-d8
Concen: 52.12 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

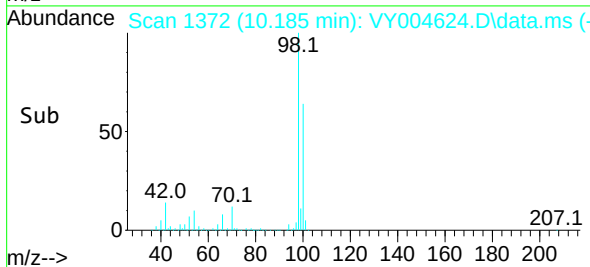
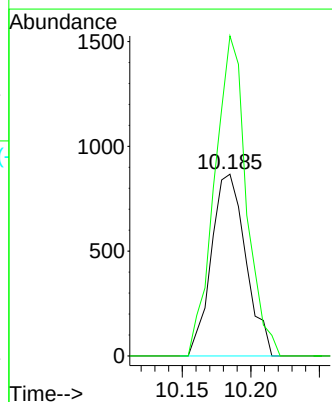
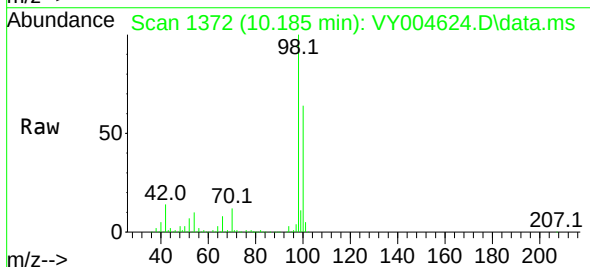
Instrument :
MSVOA_Y
ClientSampled :

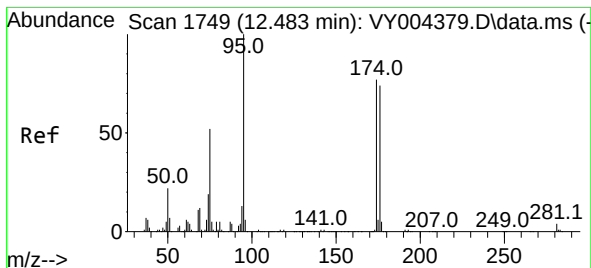
Tgt Ion: 98 Resp: 261385
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 162.7 29.2 43.8#

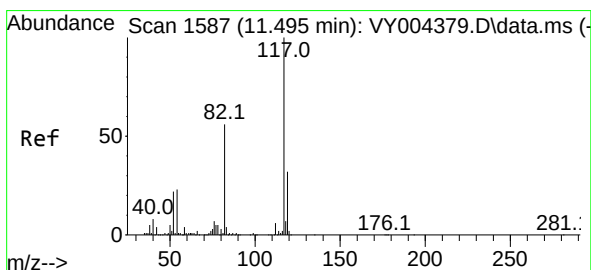
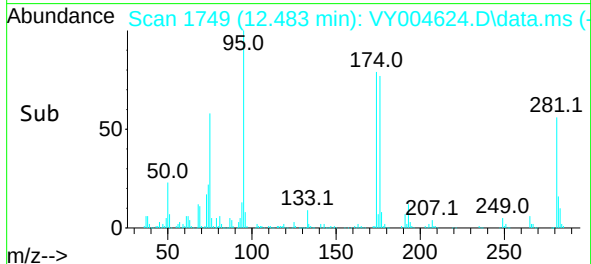
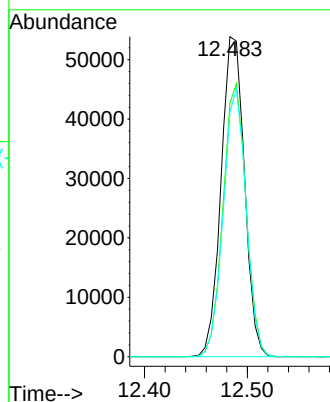
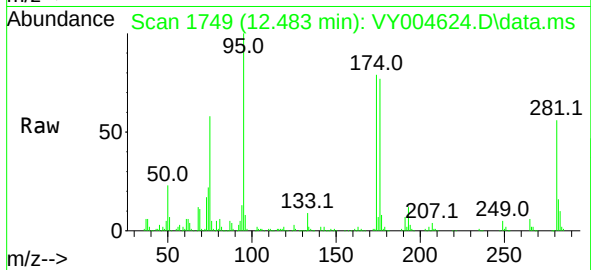




#62
4-Bromofluorobenzene
Concen: 49.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

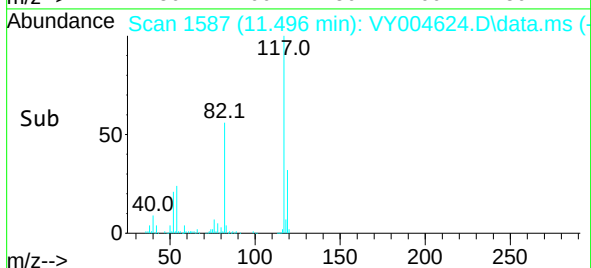
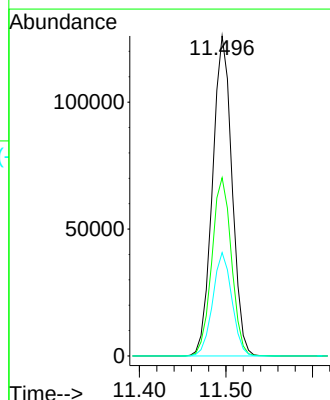
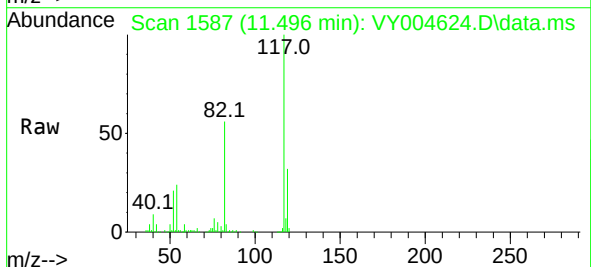
Instrument :
MSVOA_Y
ClientSampleId :

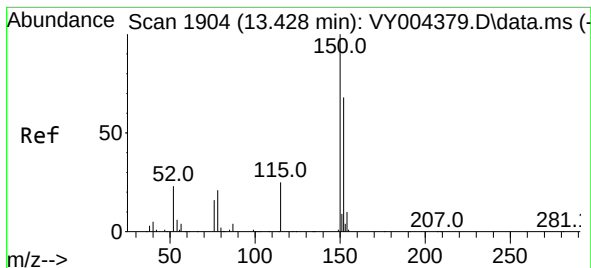
Tgt Ion: 95 Resp: 84953
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.4
176 81.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Tgt Ion: 117 Resp: 197282
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 32.3 25.4 38.0

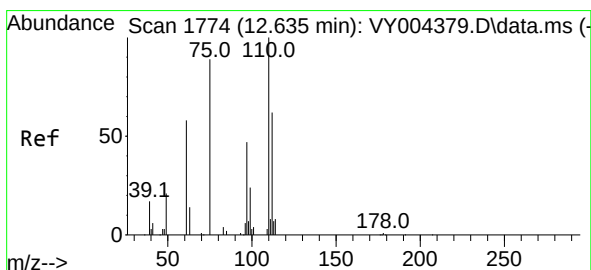
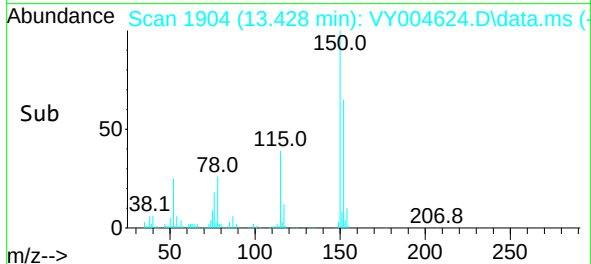
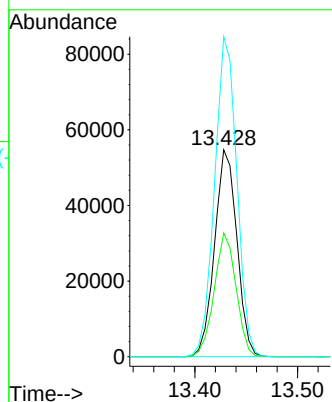
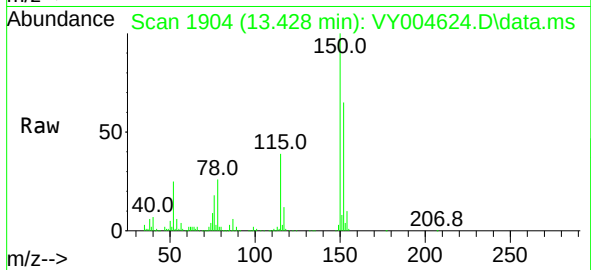




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

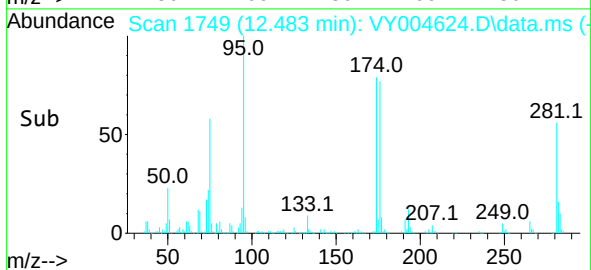
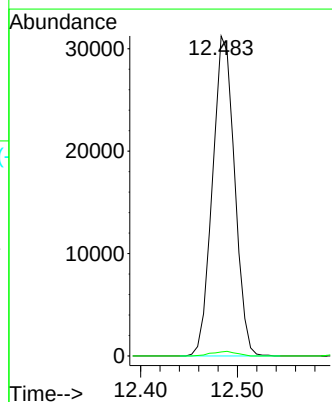
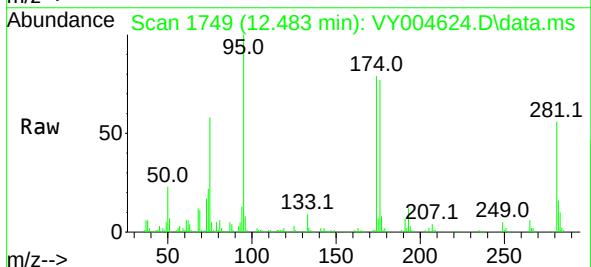
Instrument :
MSVOA_Y
ClientSampleId :

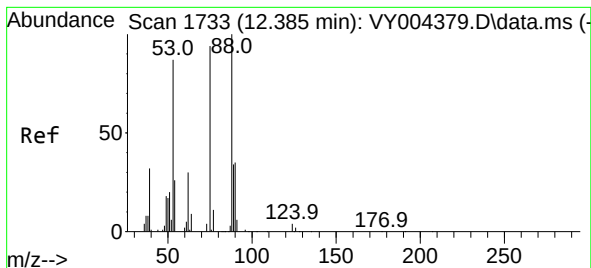
Tgt Ion:152 Resp: 82480
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.8
150 154.4 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 56.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Tgt Ion: 75 Resp: 49712
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

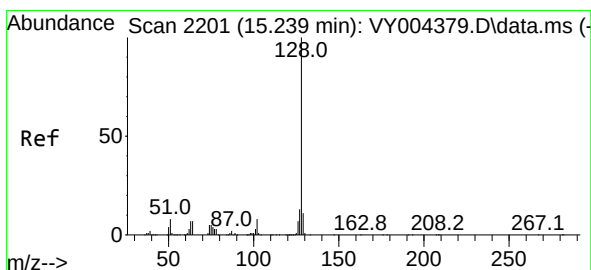
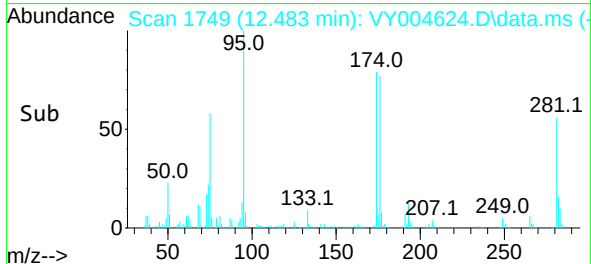
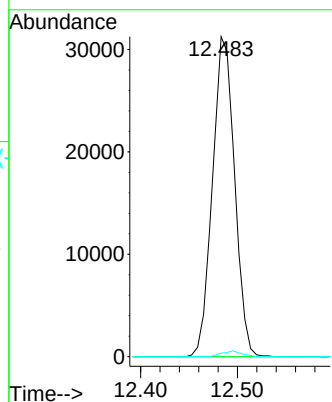
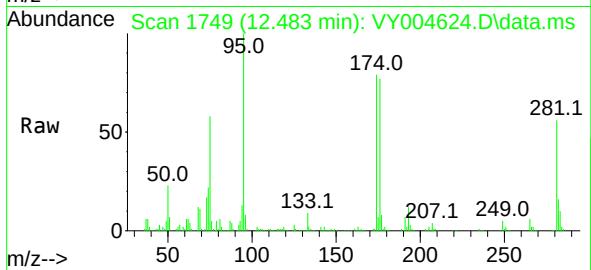




#81
trans-1,4-Dichloro-2-butene
Concen: 100.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49712
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.6 36.1 54.1#



#95
Naphthalene
Concen: 1.01 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY004624.D
Acq: 26 Apr 2021 13:06

Tgt Ion:128 Resp: 3424
Ion Ratio Lower Upper
128 100
127 16.2 10.2 15.2#
129 15.0 8.8 13.2#

