

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004527.D
 Acq On : 20 Apr 2021 14:35
 Operator : SY/MD
 Sample : M2090-10
 Misc : 7.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:51:20 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)

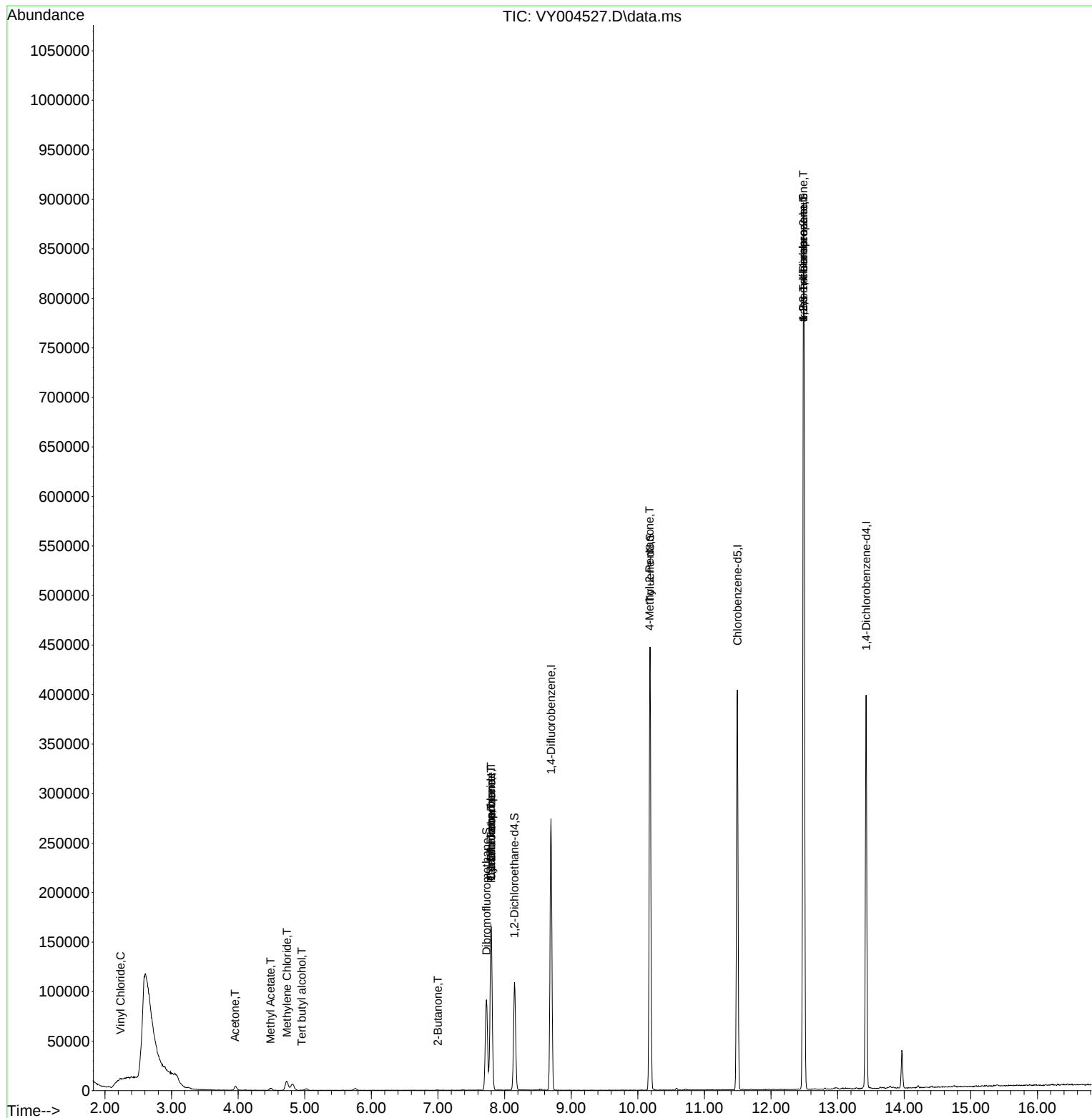
Internal Standards						
1) Pentafluorobenzene	7.801	168	128330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	209109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82227	57.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.34%
35) Dibromofluoromethane	7.728	113	64442	52.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.36%
50) Toluene-d8	10.185	98	277407	52.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.60%
62) 4-Bromofluorobenzene	12.483	95	96760	54.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.56%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	7426	4.09	ug/l #	43
11) Tert butyl alcohol	4.954	59	311	2.21	ug/l #	73
16) Acetone	3.954	43	7412	5.70	ug/l	92
18) Methyl Acetate	4.485	43	3971	4.00	ug/l #	86
20) Methylene Chloride	4.735	84	6617	4.80	ug/l	100
25) 2-Butanone	6.996	43	668	1.23	ug/l #	50
31) Cyclohexane	7.795	56	3034	1.16	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	10369	4.69	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12589	6.58	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1473	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	59902	60.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59902	107.45	ug/l #	14

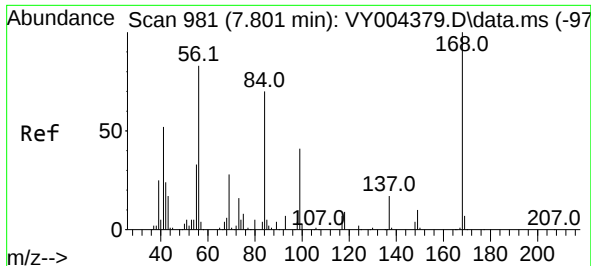
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 21 08:51:20 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

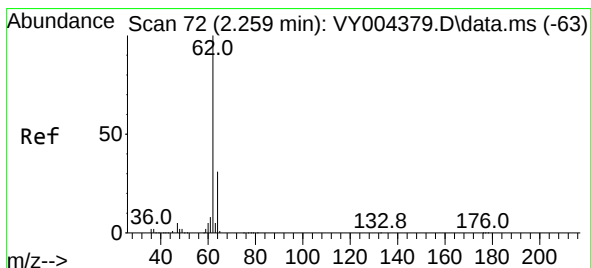
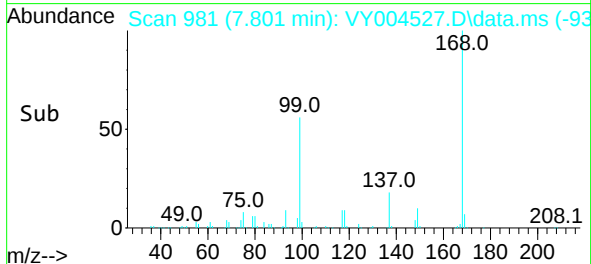
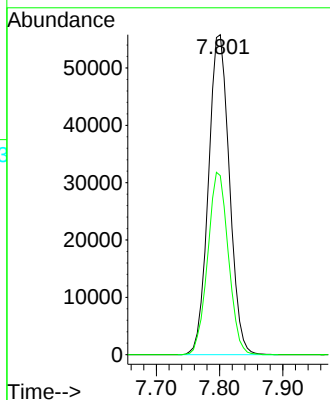
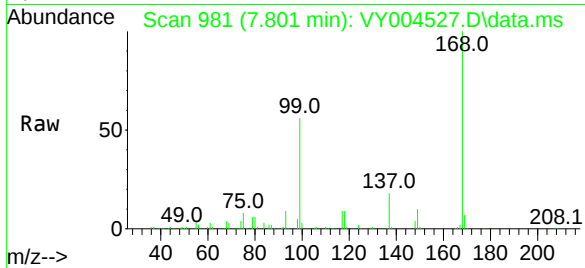




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

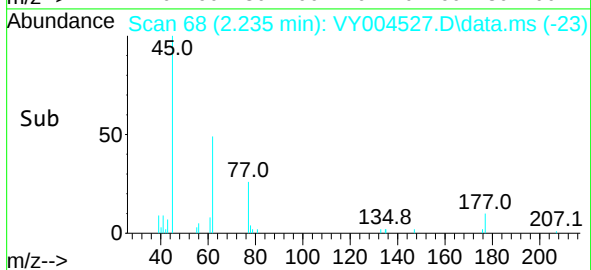
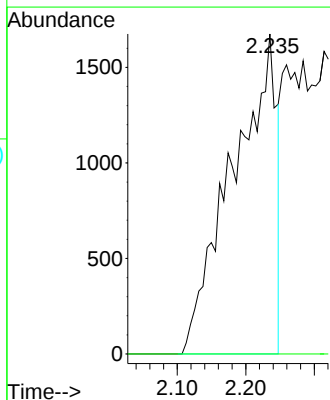
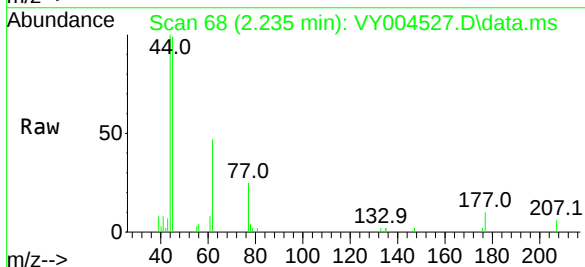
Instrument :
MSVOA_Y
ClientSampleId :

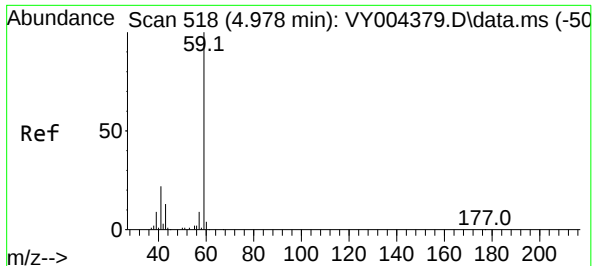
Tgt Ion:168 Resp: 128330
Ion Ratio Lower Upper
168 100
99 55.9 45.5 68.3



#4
Vinyl Chloride
Concen: 4.09 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

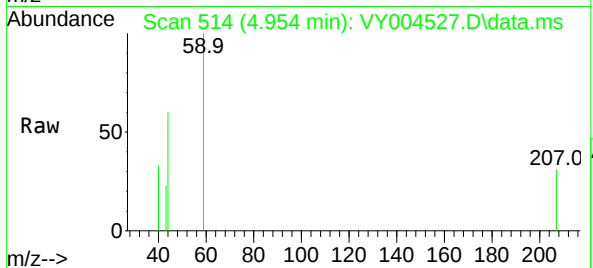
Tgt Ion: 62 Resp: 7426
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



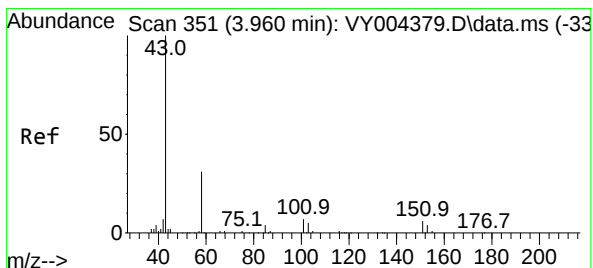
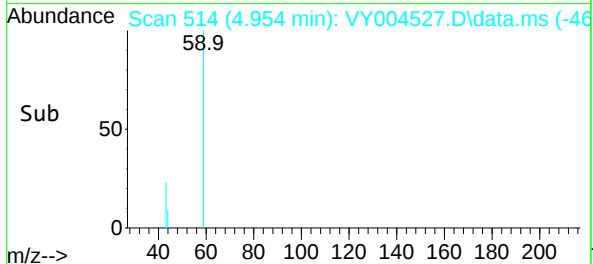
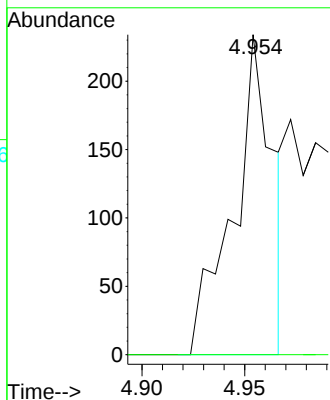


#11
Tert butyl alcohol
Concen: 2.21 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

Instrument :
MSVOA_Y
ClientSampled :

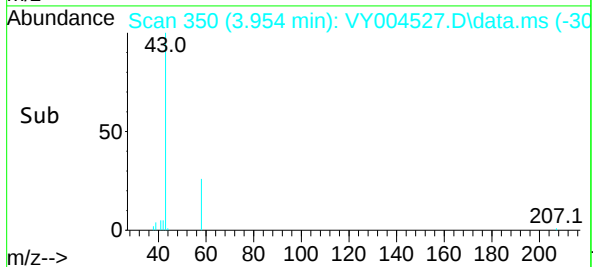
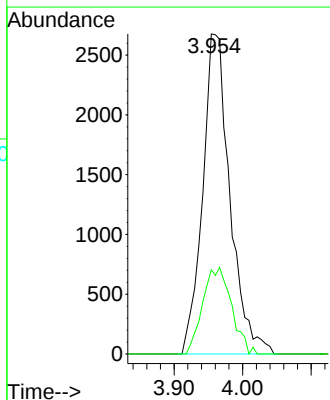
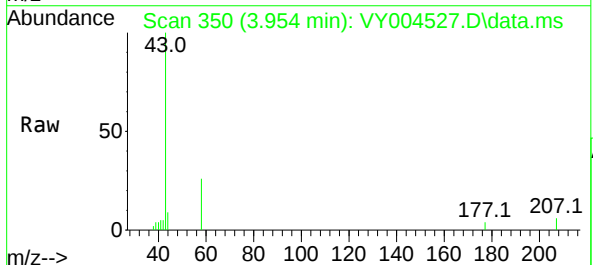


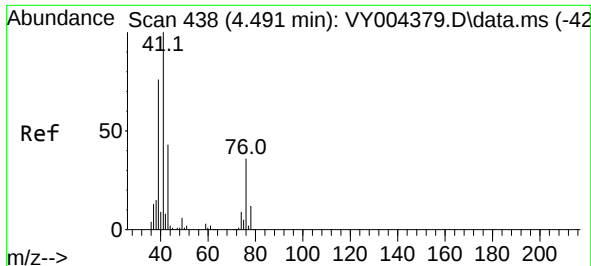
Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 5.70 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

Tgt Ion: 43 Resp: 7412
Ion Ratio Lower Upper
43 100
58 26.3 24.6 37.0

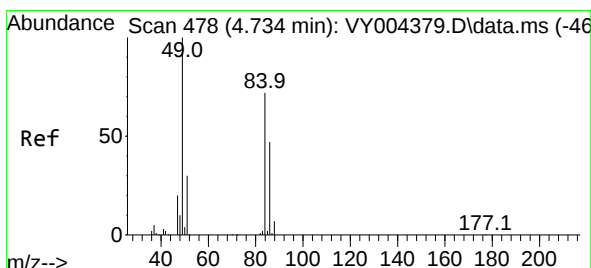
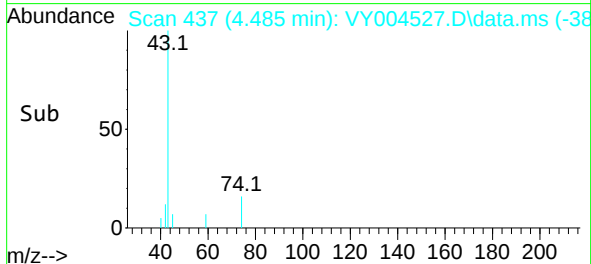
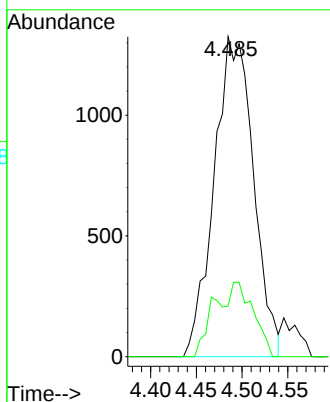
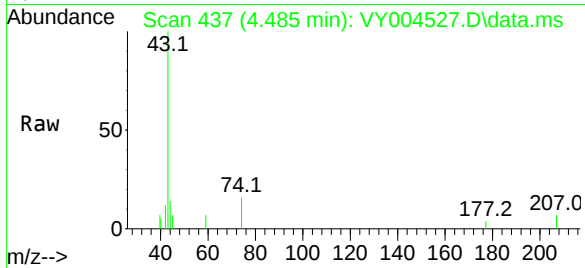




#18
Methyl Acetate
Concen: 4.00 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

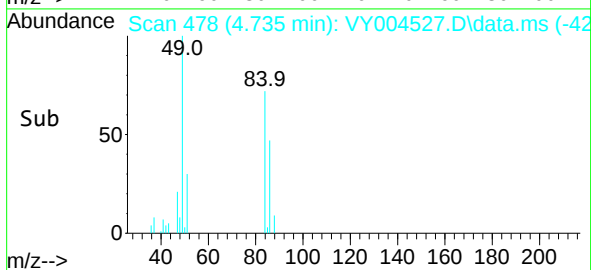
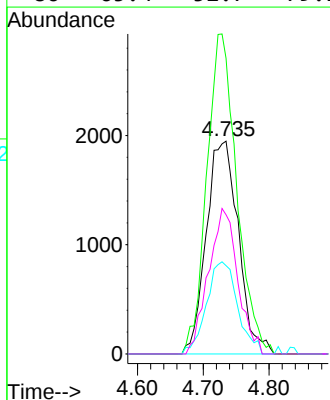
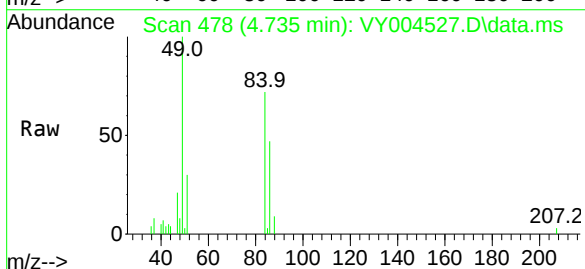
Instrument :
MSVOA_Y
ClientSampled :

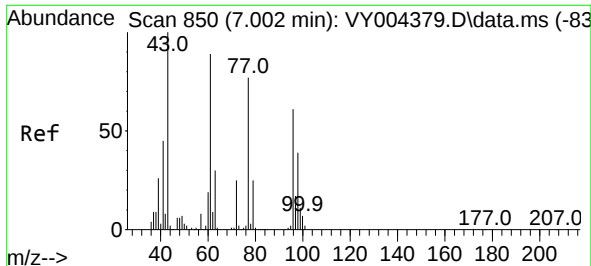
Tgt Ion: 43 Resp: 3971
Ion Ratio Lower Upper
43 100
74 14.9 17.2 25.8#



#20
Methylene Chloride
Concen: 4.80 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

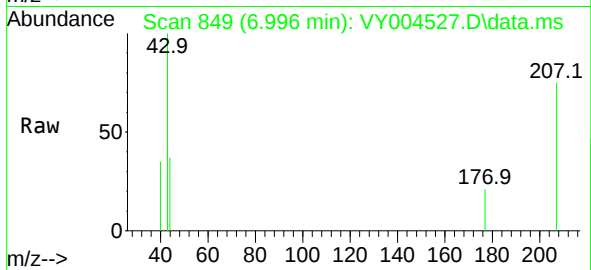
Tgt Ion: 84 Resp: 6617
Ion Ratio Lower Upper
84 100
49 138.9 111.2 166.8
51 41.5 33.4 50.2
86 65.4 52.7 79.1



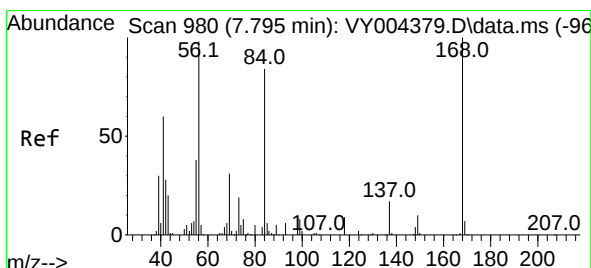
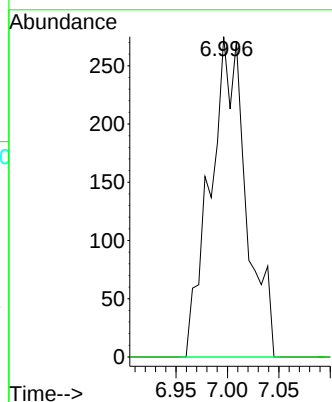
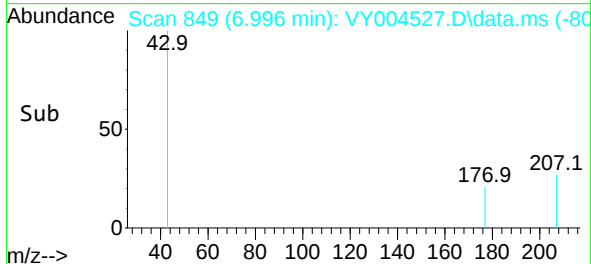


#25
2-Butanone
Concen: 1.23 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

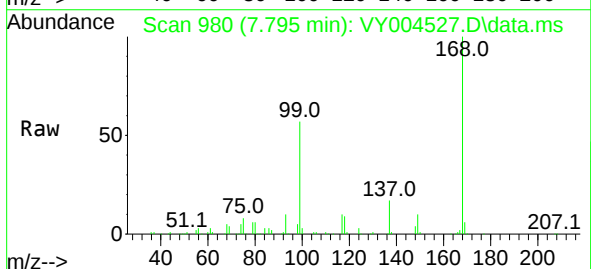
Instrument :
MSVOA_Y
ClientSampled :



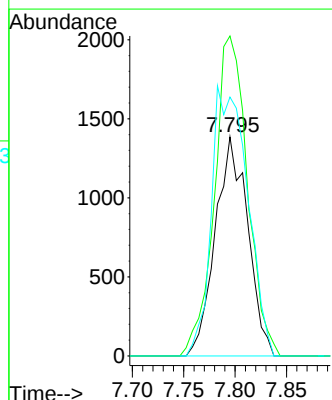
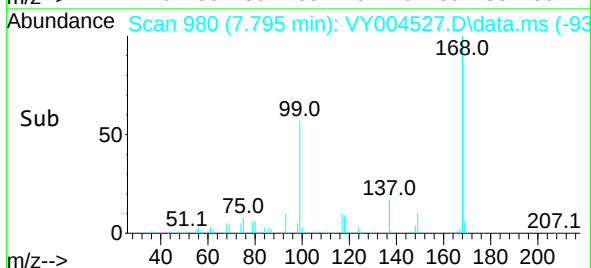
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#

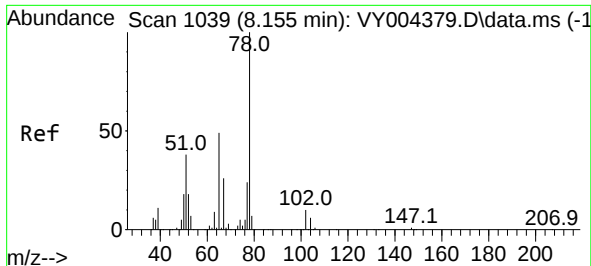


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35



Tgt Ion: 56 Resp: 3034
Ion Ratio Lower Upper
56 100
69 146.1 25.8 38.6#
84 118.2 68.2 102.4#

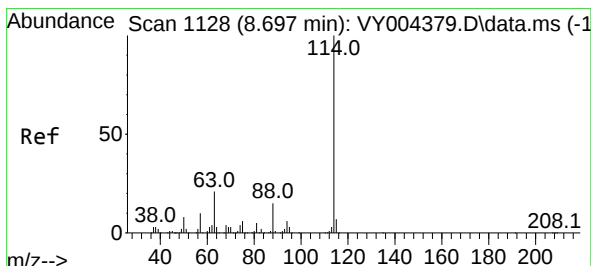
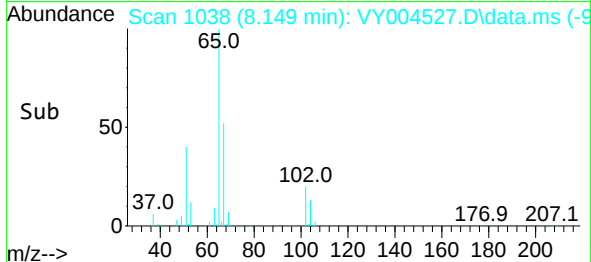
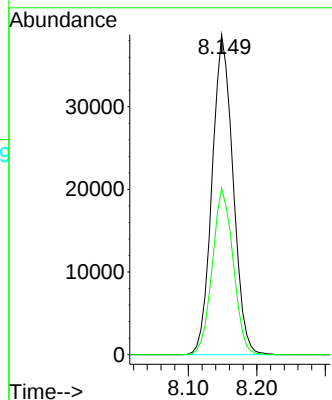
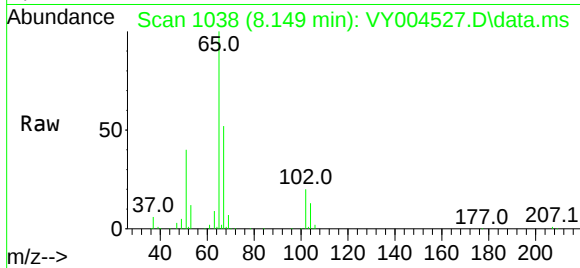




#33
1,2-Dichloroethane-d4
Concen: 57.67 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

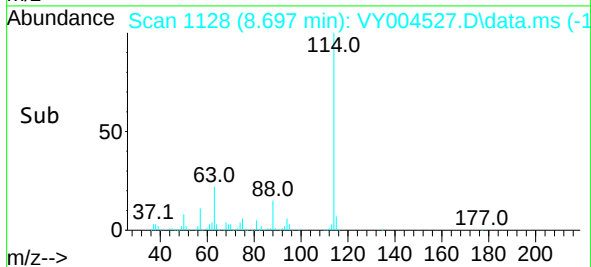
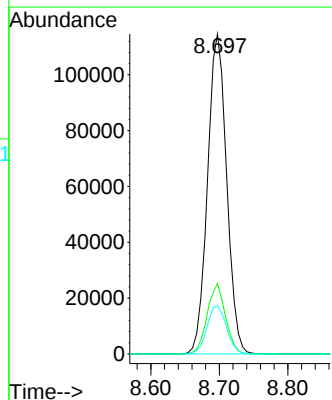
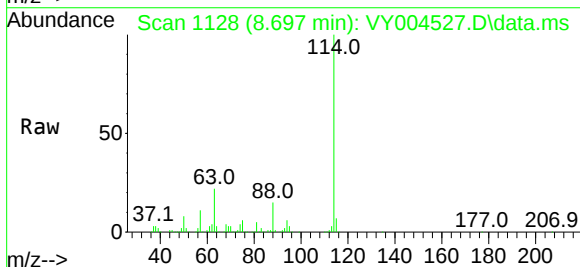
Instrument :
MSVOA_Y
ClientSampled :

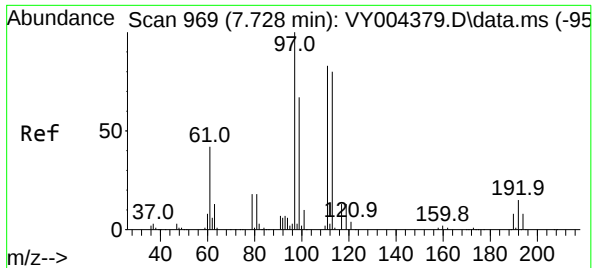
Tgt Ion: 65 Resp: 82227
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

Tgt Ion: 114 Resp: 222557
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 15.1 0.0 30.8

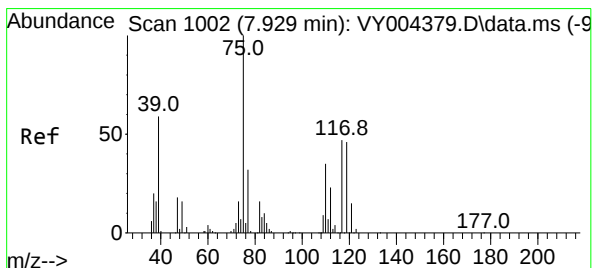
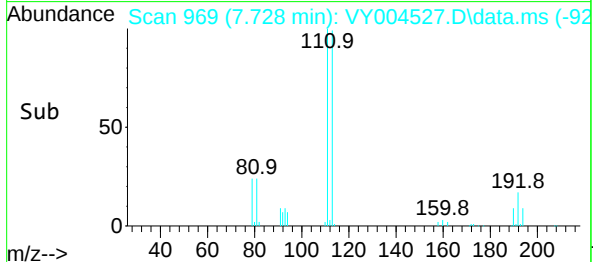
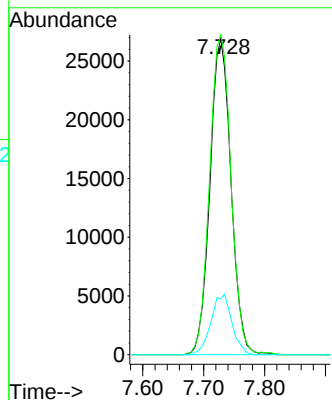
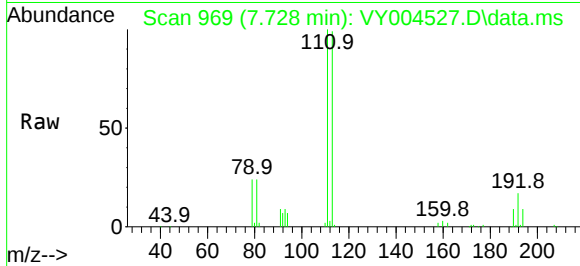




#35
Dibromofluoromethane
Concen: 52.18 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

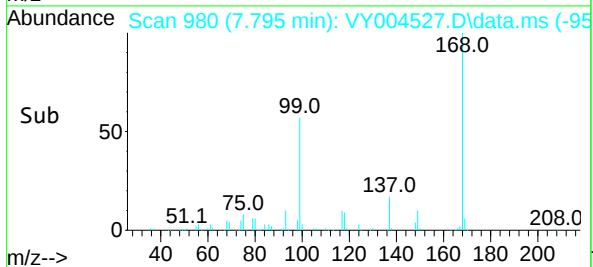
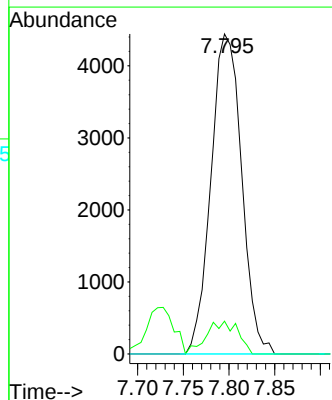
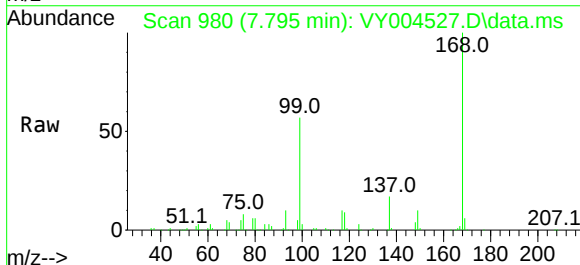
Instrument :
MSVOA_Y
ClientSampleId :

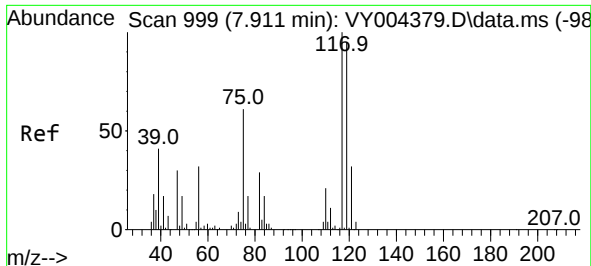
Tgt Ion:	113	Resp:	64442
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	19.0	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

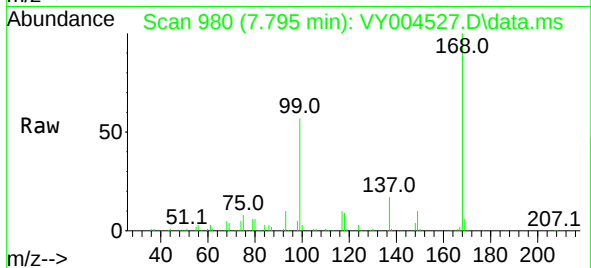
Tgt Ion:	75	Resp:	10369
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.3	51.7#
77	0.0	24.3	36.5#



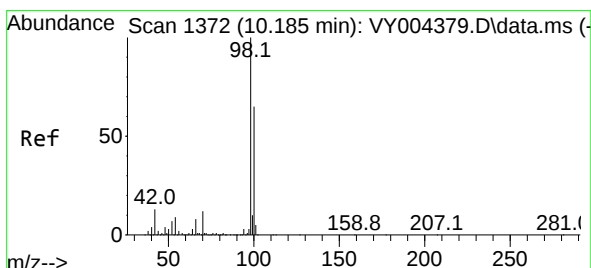
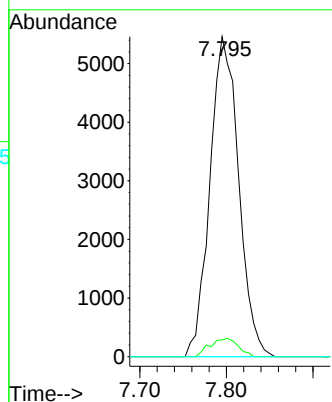
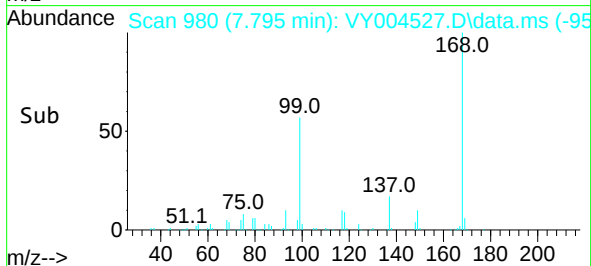


#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

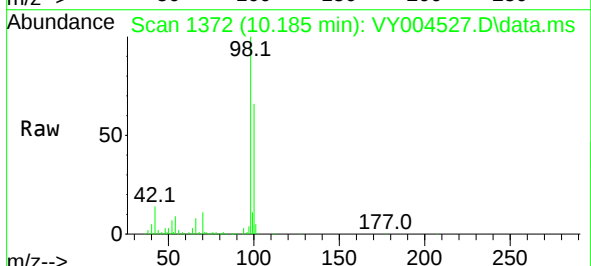
Instrument :
MSVOA_Y
ClientSampled :



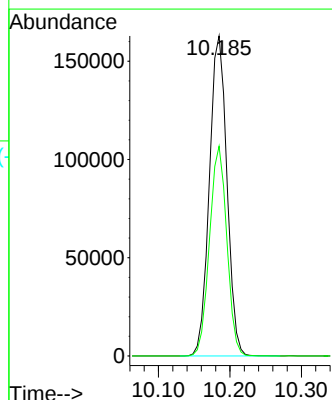
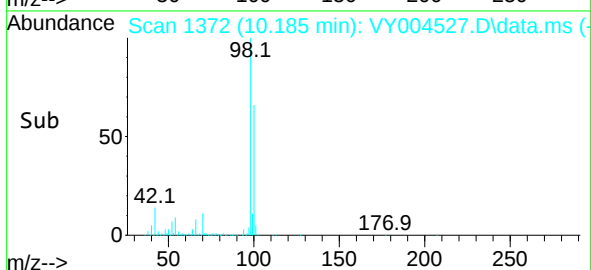
Tgt Ion:117 Resp: 12589
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 25.3 37.9#

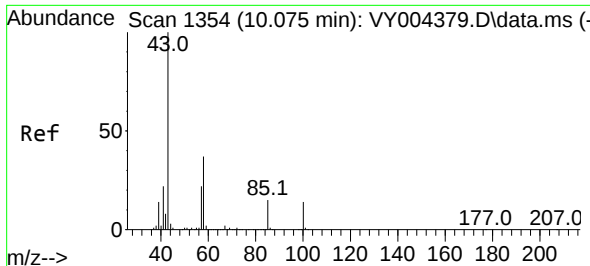


#50
Toluene-d8
Concen: 52.80 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35



Tgt Ion: 98 Resp: 277407
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

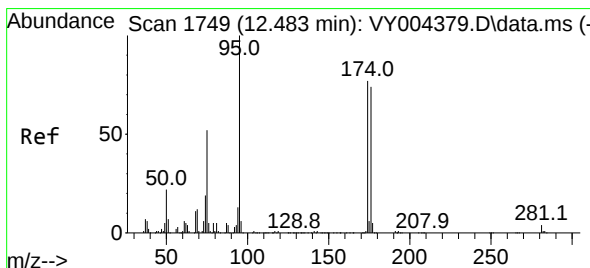
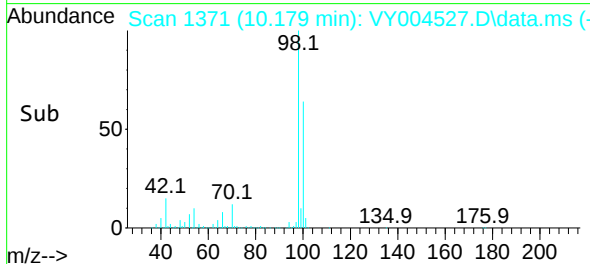
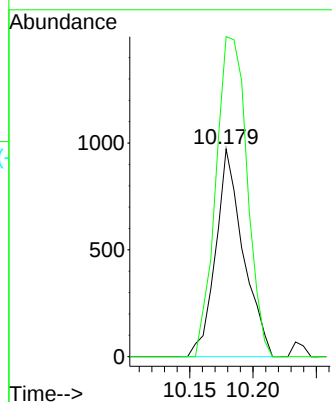
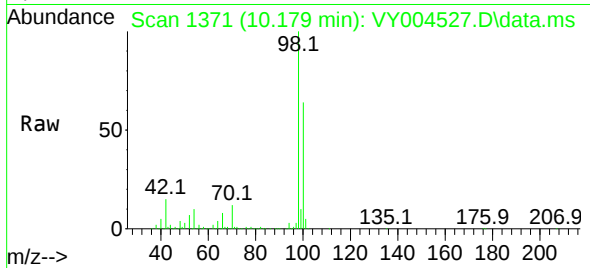




#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

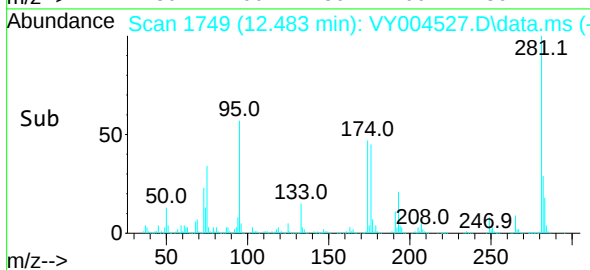
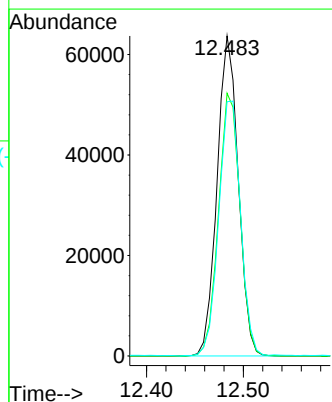
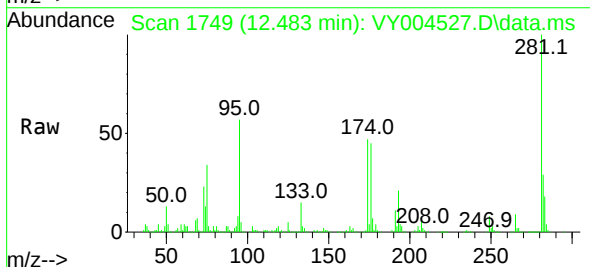
Instrument :
MSVOA_Y
ClientSampled :

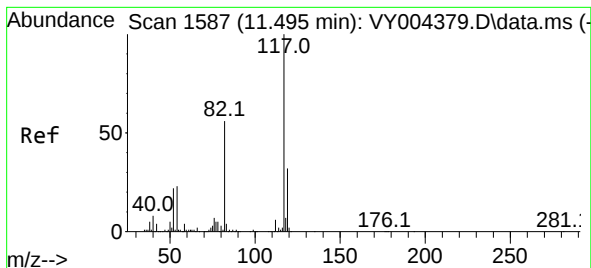
Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 174.3 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 54.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

Tgt Ion: 95 Resp: 96760
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.4
176 82.6 0.0 156.0

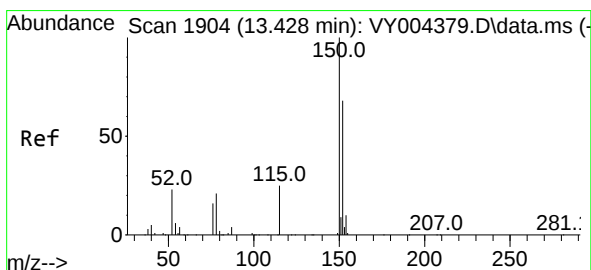
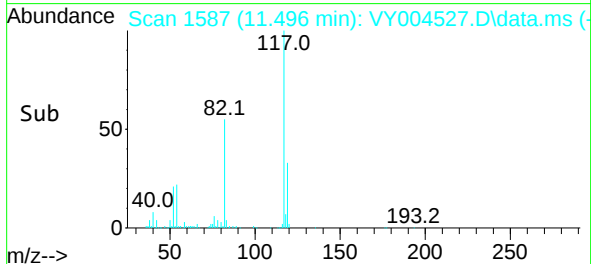
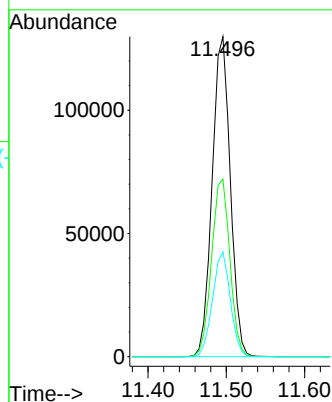
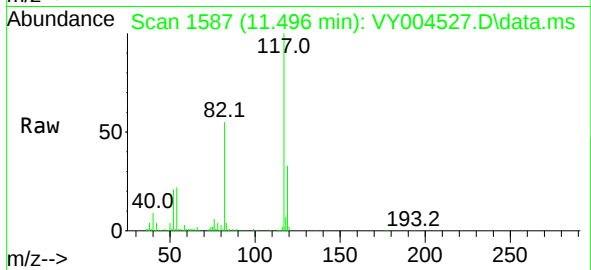




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

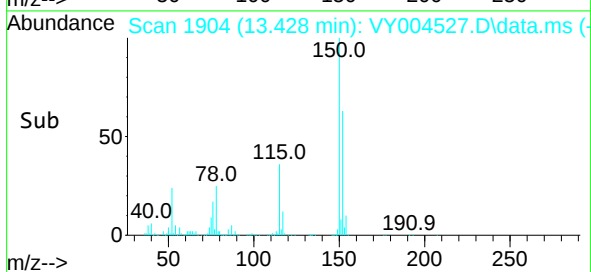
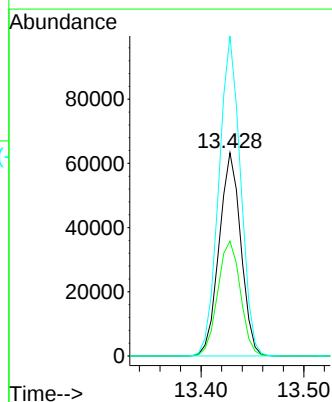
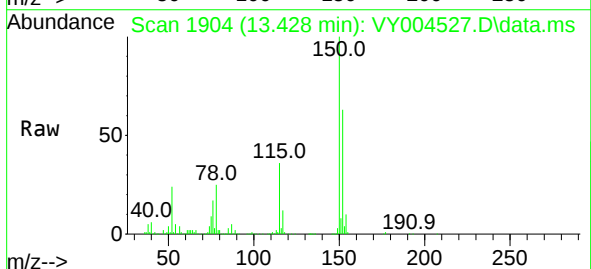
Instrument :
MSVOA_Y
ClientSampleId :

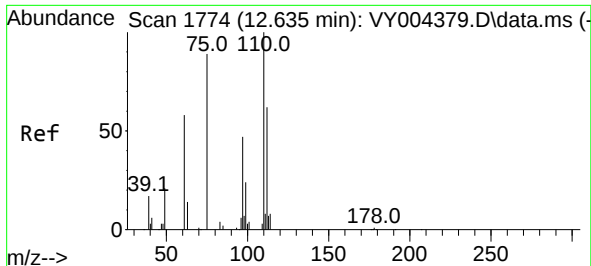
Tgt Ion:117 Resp: 209109
Ion Ratio Lower Upper
117 100
82 55.5 44.9 67.3
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

Tgt Ion:152 Resp: 92918
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.8
150 157.1 0.0 348.4

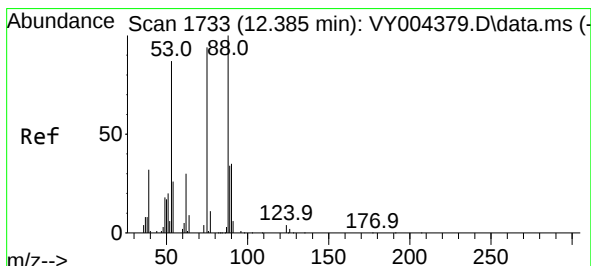
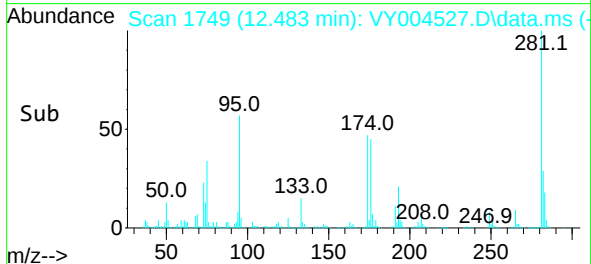
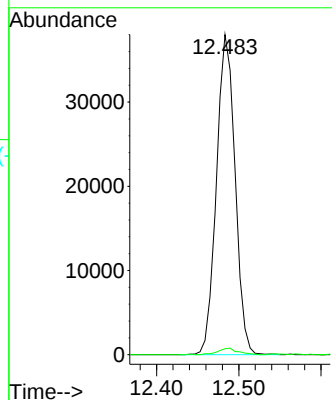
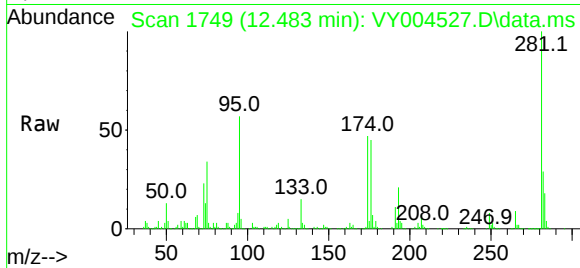




#76
1,2,3-Trichloropropane
Concen: 60.07 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59902
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004527.D
Acq: 20 Apr 2021 14:35

Tgt Ion: 75 Resp: 59902
Ion Ratio Lower Upper
75 100
53 0.2 75.0 112.6#
89 3.5 36.1 54.1#

