

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004474.D
 Acq On : 16 Apr 2021 16:55
 Operator : SY/MD
 Sample : M2050-15
 Misc : 5.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 17 00:56:04 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)

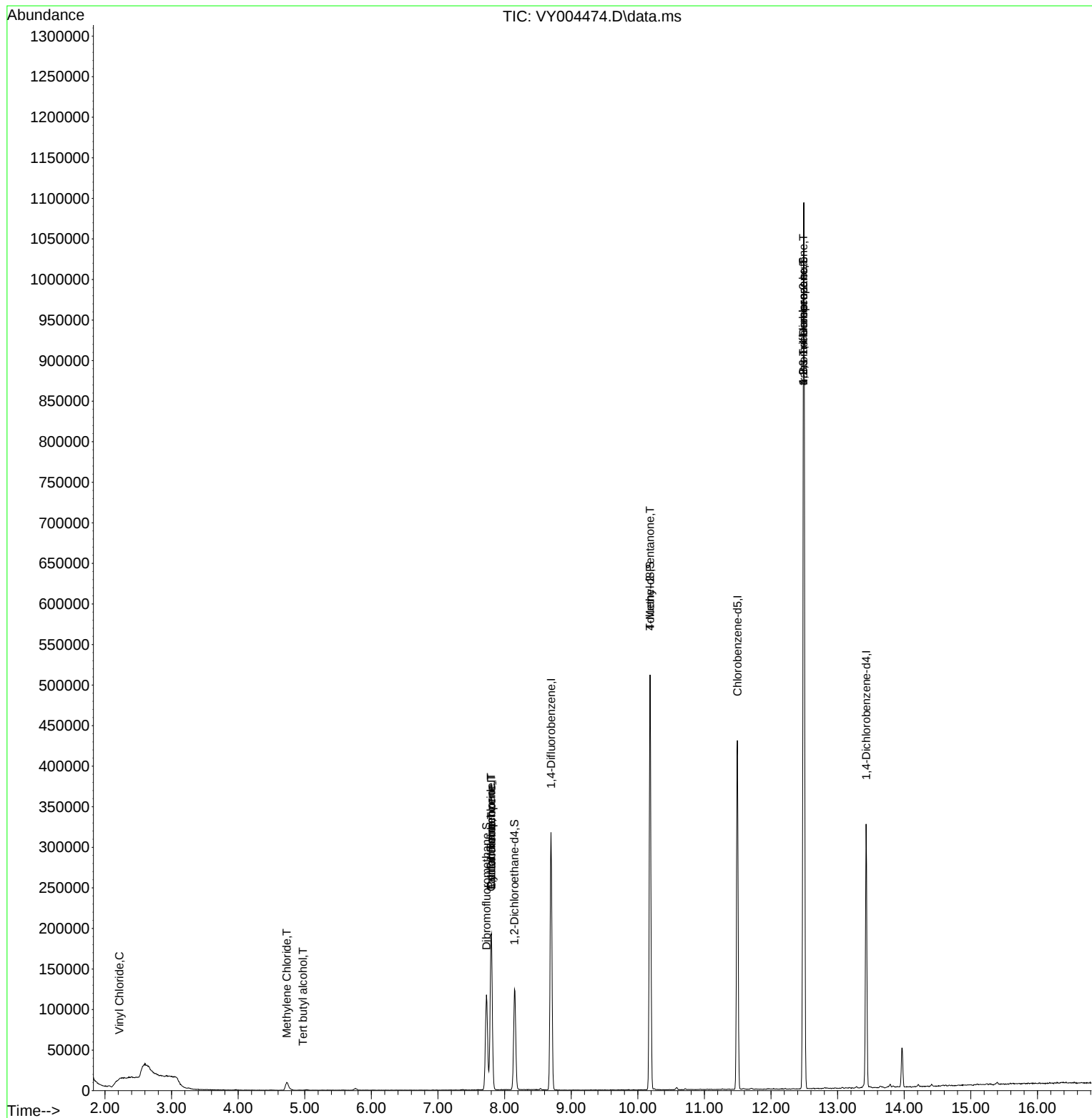
Internal Standards						
1) Pentafluorobenzene	7.801	168	148973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	257643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	225160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95906	57.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.88%
35) Dibromofluoromethane	7.728	113	81403	56.93	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.86%
50) Toluene-d8	10.185	98	314508	51.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.42%
62) 4-Bromofluorobenzene	12.483	95	92633	44.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.76%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.217	62	6530	3.10	ug/l #	43
11) Tert butyl alcohol	4.972	59	434	2.66	ug/l #	73
16) Acetone	3.960	43	985	Below Cal	#	80
20) Methylene Chloride	4.728	84	6601	4.13	ug/l	95
31) Cyclohexane	7.801	56	3693	1.22	ug/l #	17
36) 1,1-Dichloropropene	7.801	75	12245	4.78	ug/l #	51
38) Carbon Tetrachloride	7.795	117	15176	6.86	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1713	1.07	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	58499	71.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58499	128.67	ug/l #	14

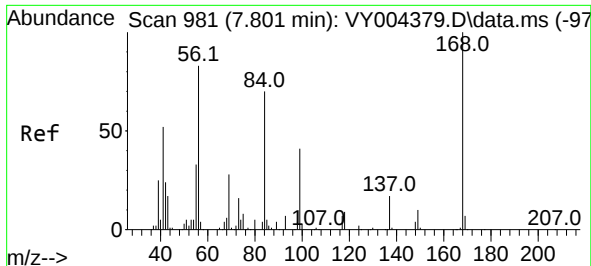
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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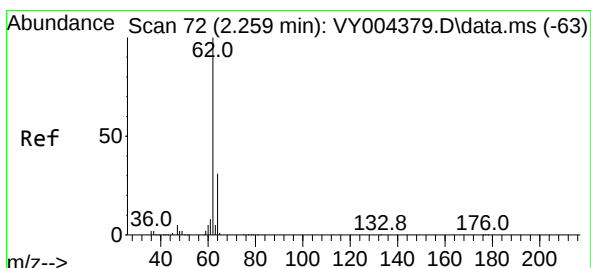
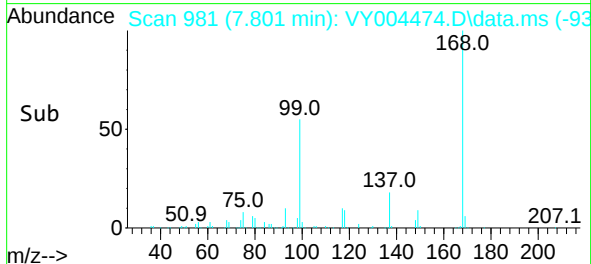
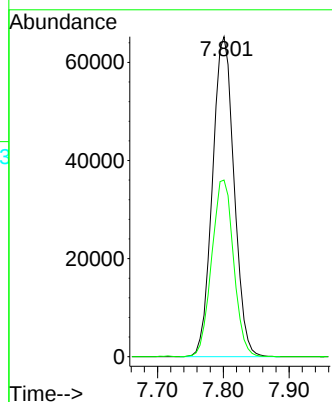
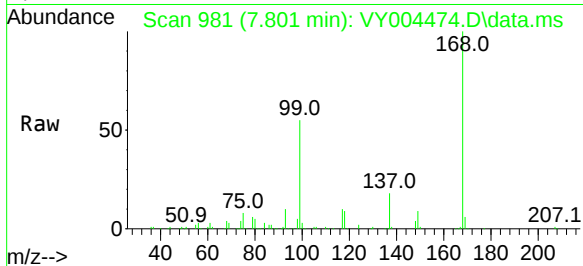




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

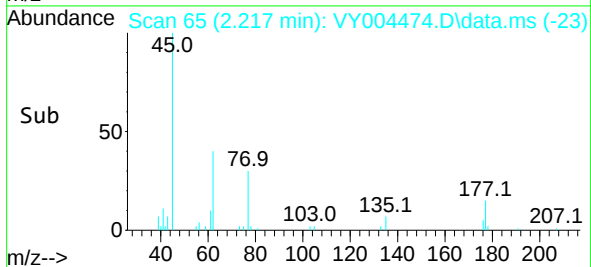
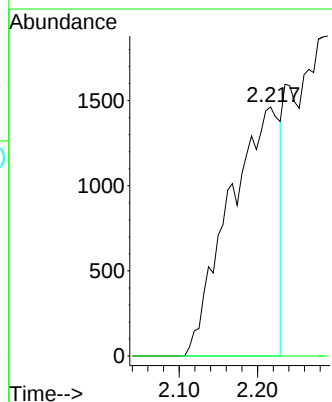
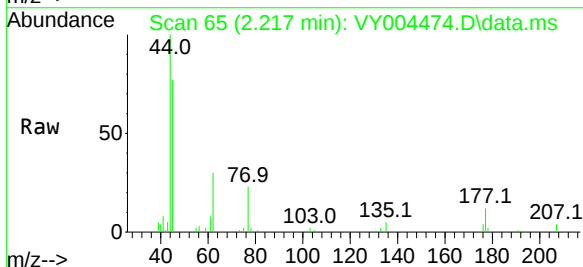
Instrument :
MSVOA_Y
ClientSampled :
TP-1

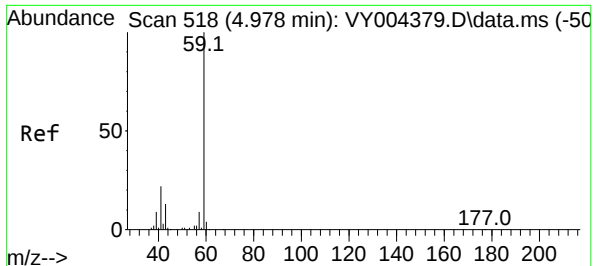
Tgt Ion:168 Resp: 148973
Ion Ratio Lower Upper
168 100
99 55.2 45.5 68.3



#4
Vinyl Chloride
Concen: 3.10 ug/l
RT: 2.217 min Scan# 65
Delta R.T. -0.043 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

Tgt Ion: 62 Resp: 6530
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



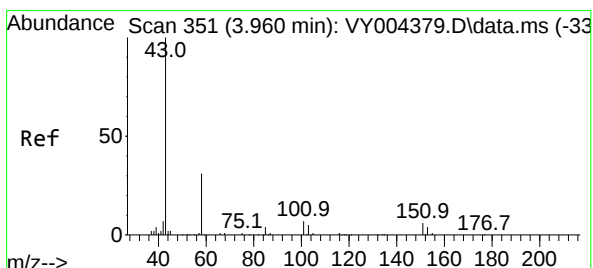
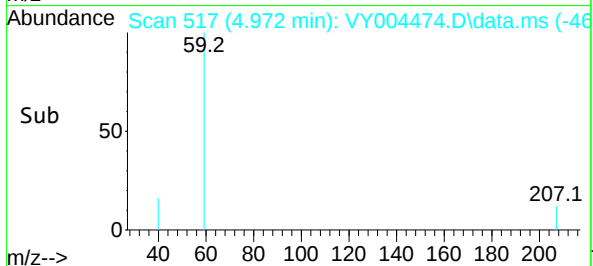
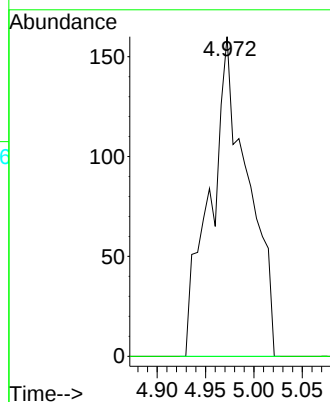
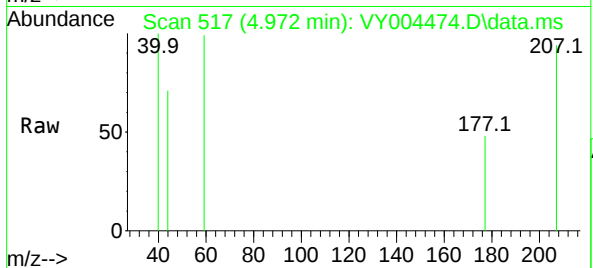


#11

Tert butyl alcohol
Concen: 2.66 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

Instrument :
MSVOA_Y
ClientSampled :
TP-1

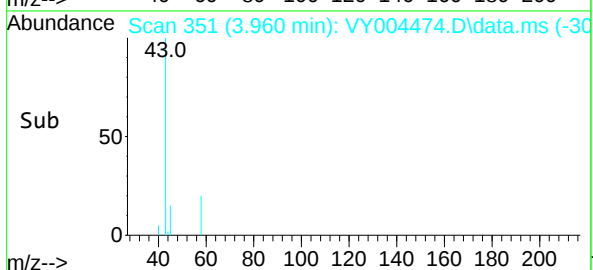
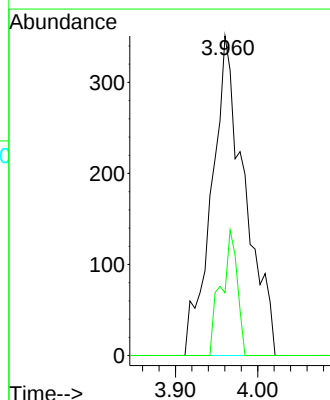
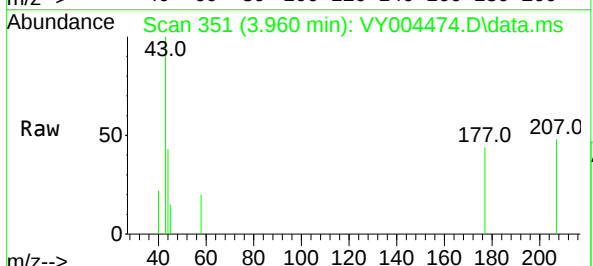
Tgt Ion: 59 Resp: 434
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

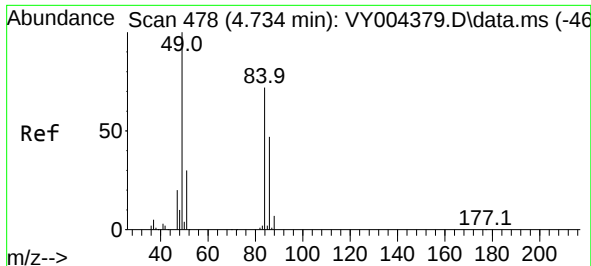


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

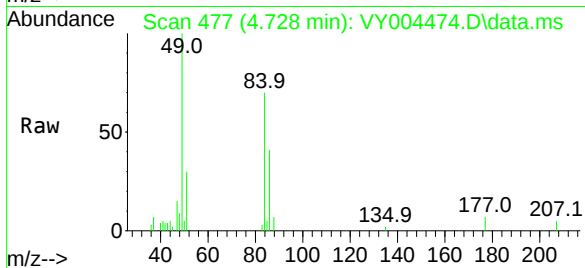
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 19.7 24.6 37.0#



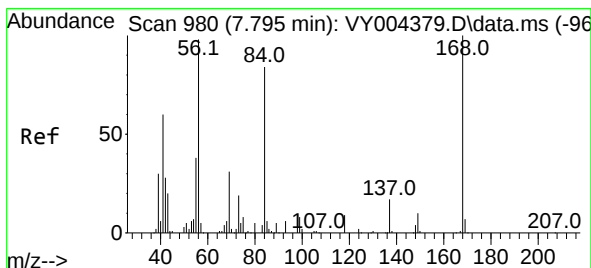
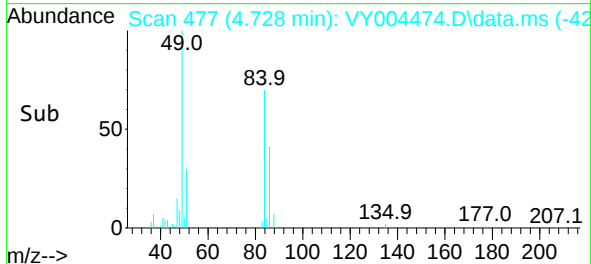
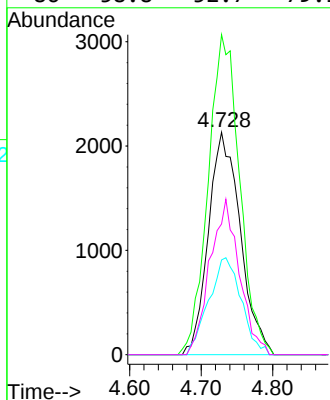


#20
Methylene Chloride
Concen: 4.13 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

Instrument :
MSVOA_Y
ClientSampled :
TP-1

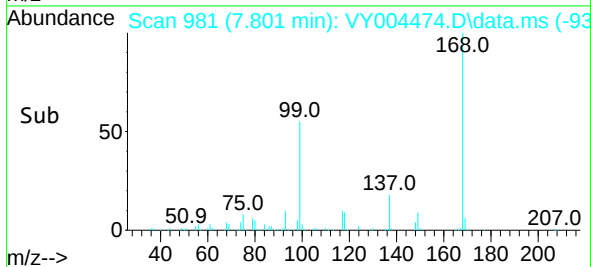
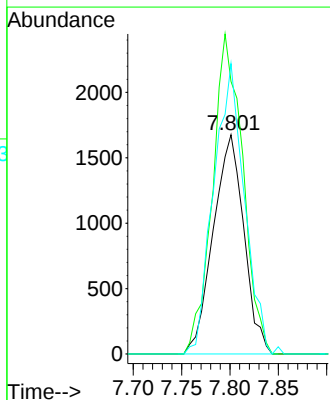
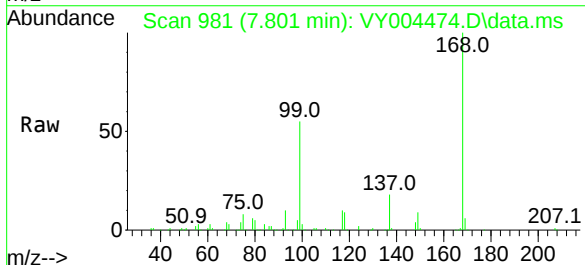


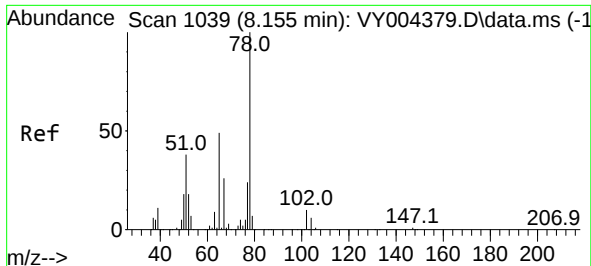
Tgt Ion:	84	Resp:	6601
Ion	Ratio	Lower	Upper
84	100		
49	143.8	111.2	166.8
51	42.6	33.4	50.2
86	58.8	52.7	79.1



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

Tgt Ion:	56	Resp:	3693
Ion	Ratio	Lower	Upper
56	100		
69	124.3	25.8	38.6#
84	132.5	68.2	102.4#

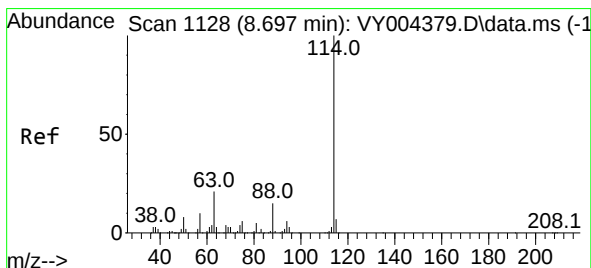
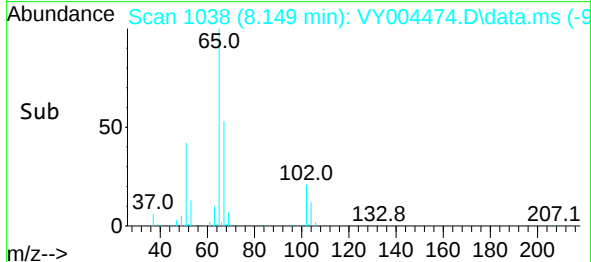
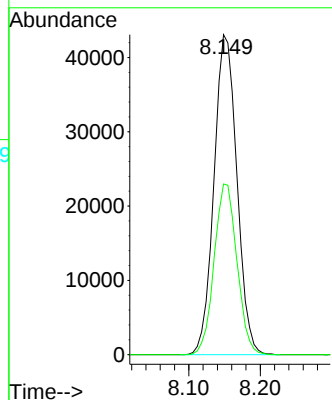
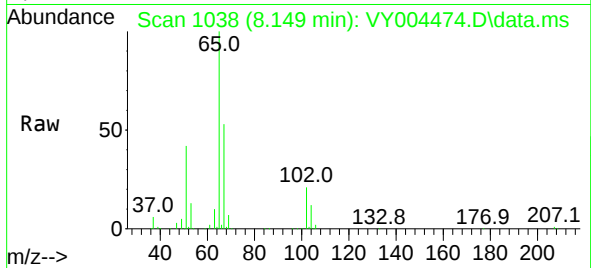




#33
1,2-Dichloroethane-d4
Concen: 57.94 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

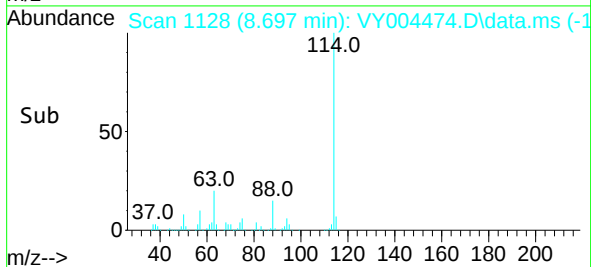
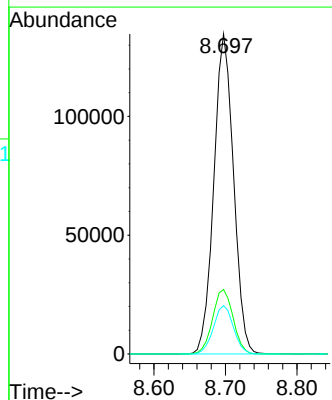
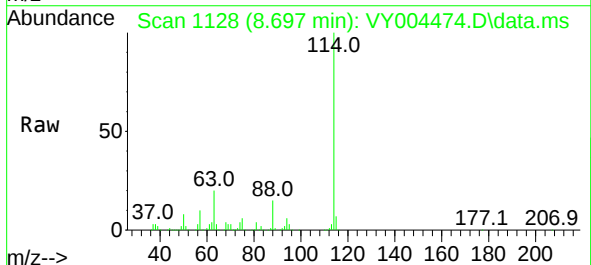
Instrument :
MSVOA_Y
ClientSampled :
TP-1

Tgt Ion: 65 Resp: 95906
Ion Ratio Lower Upper
65 100
67 53.0 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: VY004474.D
Acq: 16 Apr 2021 16:55

Tgt Ion:114 Resp: 257643
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 15.1 0.0 30.8

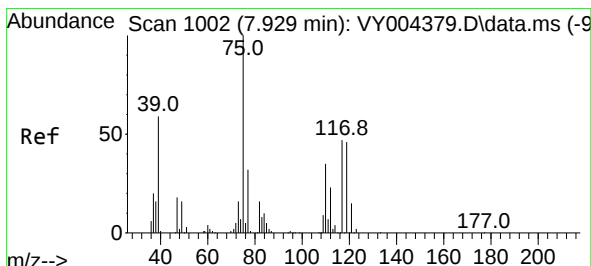
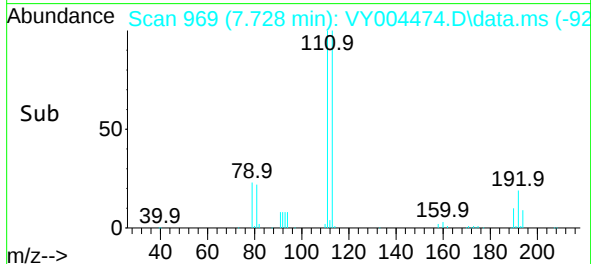
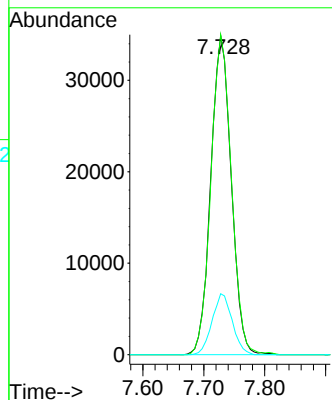
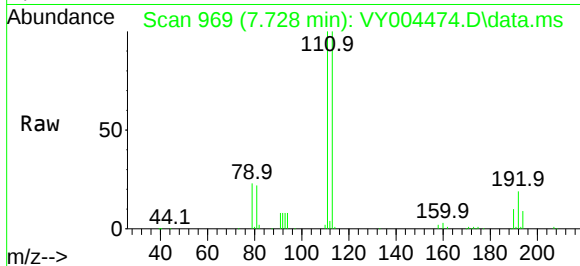




#35
Dibromofluoromethane
Concen: 56.93 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

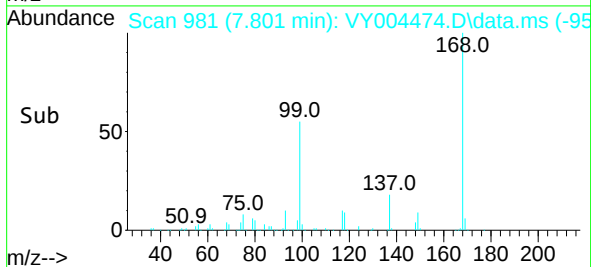
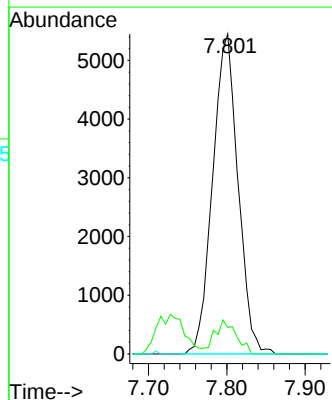
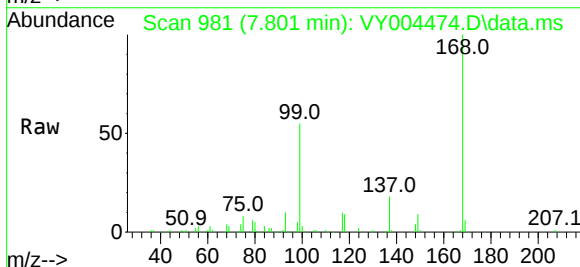
Instrument :
MSVOA_Y
ClientSampled :
TP-1

Tgt Ion:	113	Resp:	81403
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.6	123.8
192	18.7	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

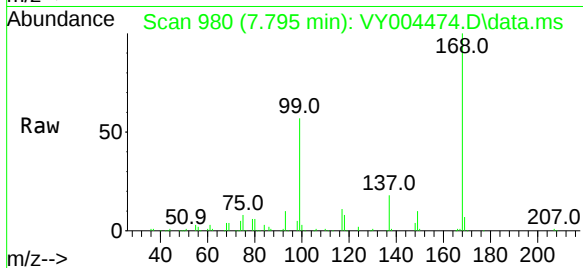
Tgt Ion:	75	Resp:	12245
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	51.7#
77	0.0	24.3	36.5#



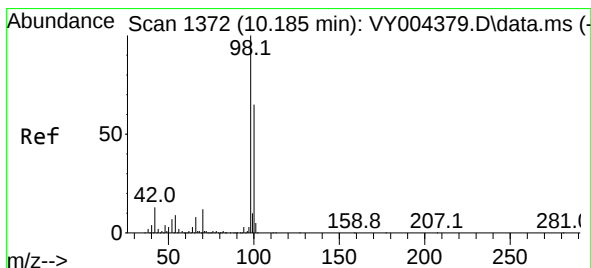
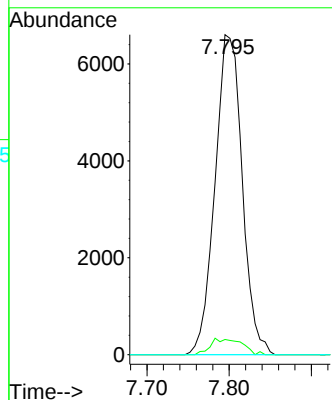
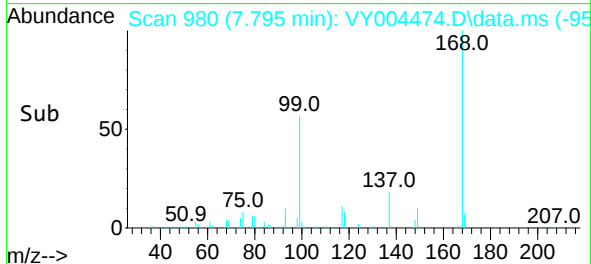


#38
Carbon Tetrachloride
Concen: 6.86 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

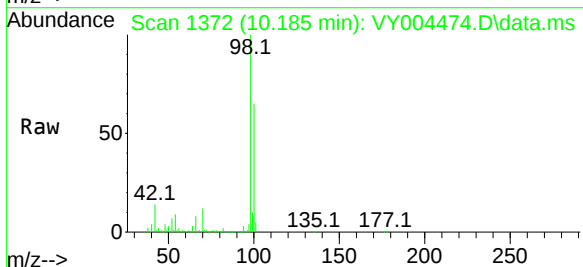
Instrument :
MSVOA_Y
ClientSampleId :
TP-1



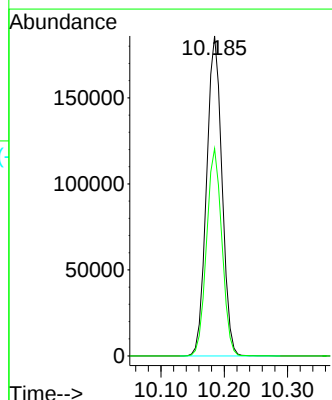
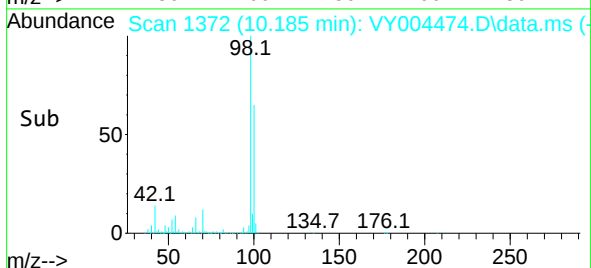
Tgt Ion:117 Resp: 15176
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 25.3 37.9#

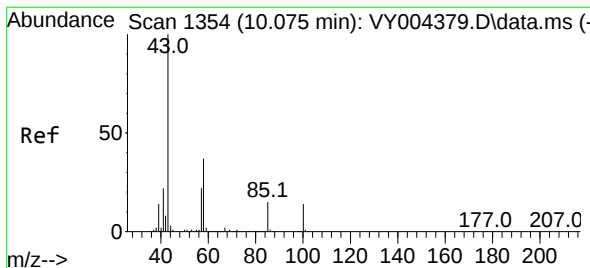


#50
Toluene-d8
Concen: 51.71 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55



Tgt Ion: 98 Resp: 314508
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

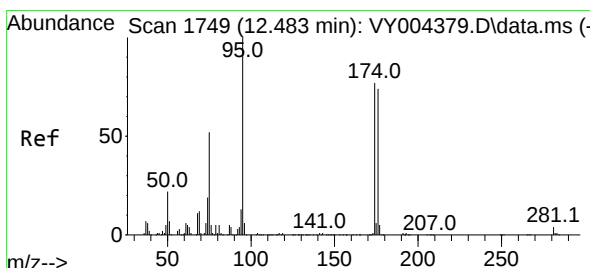
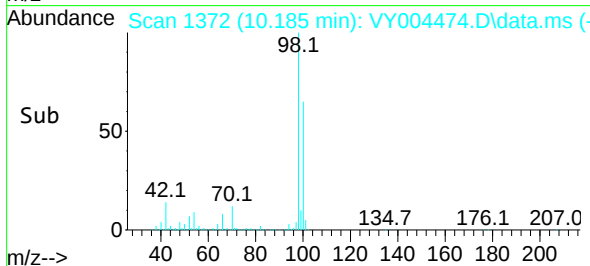
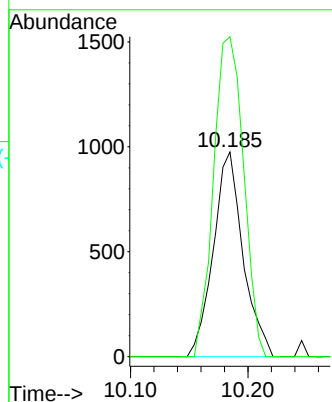
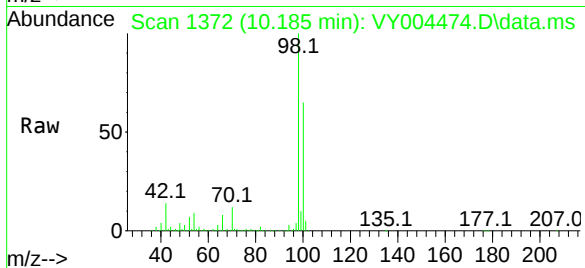




#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

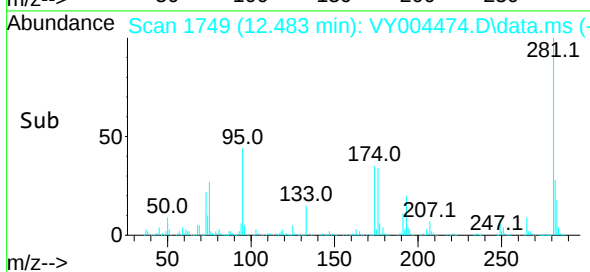
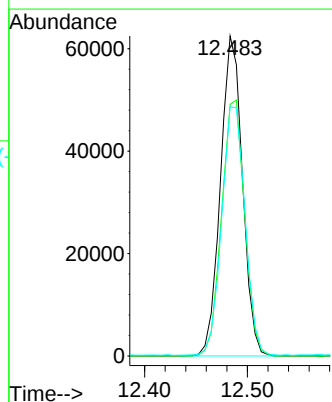
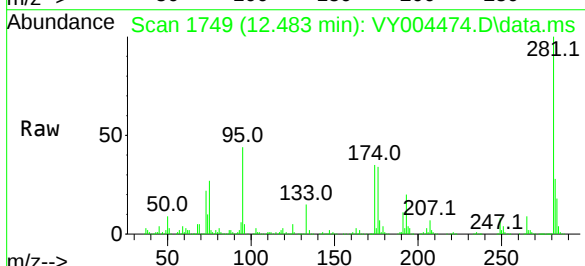
Instrument :
MSVOA_Y
ClientSampled :
TP-1

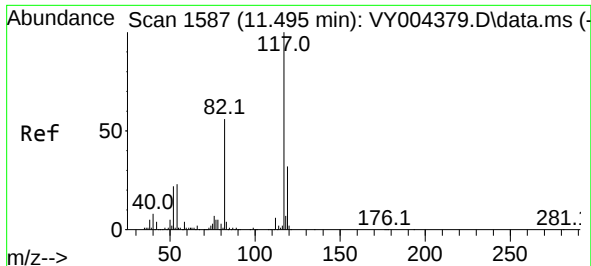
Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 158.1 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 44.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

Tgt Ion: 95 Resp: 92633
Ion Ratio Lower Upper
95 100
174 83.9 0.0 162.4
176 82.6 0.0 156.0

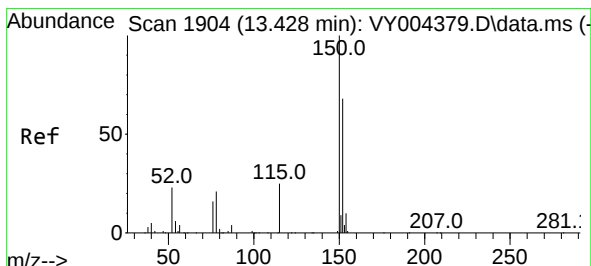
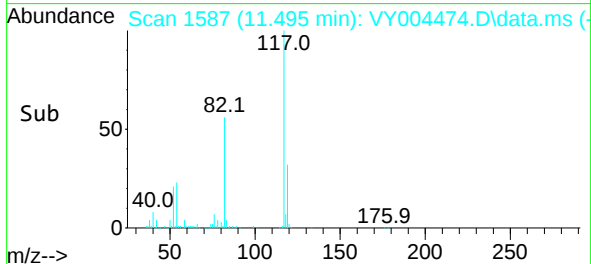
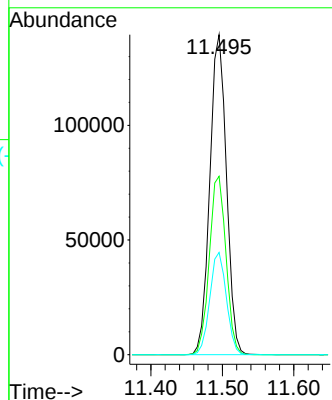
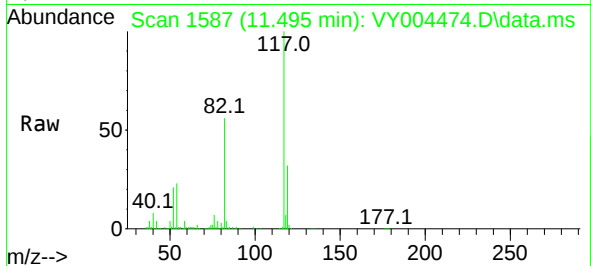




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

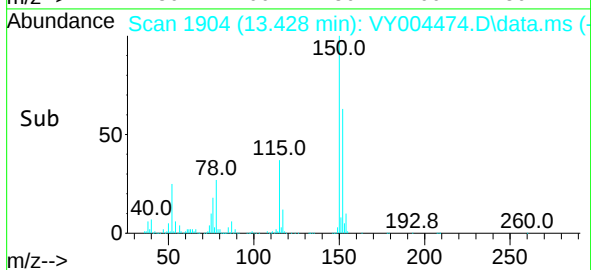
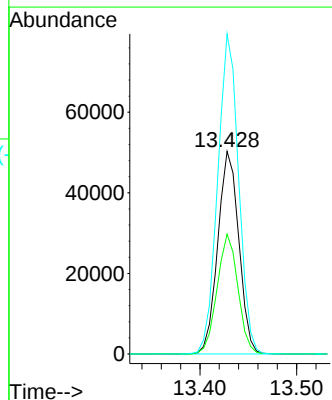
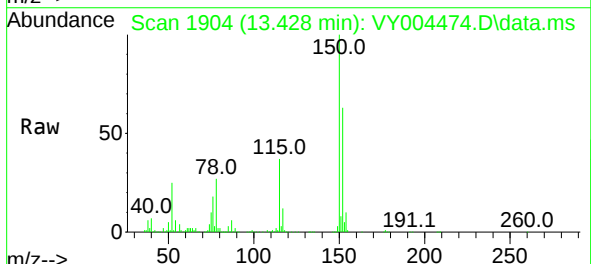
Instrument :
MSVOA_Y
ClientSampled :
TP-1

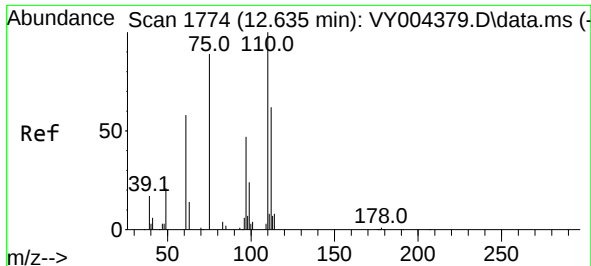
Tgt Ion:117 Resp: 225160
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

Tgt Ion:152 Resp: 75777
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.8
150 157.2 0.0 348.4

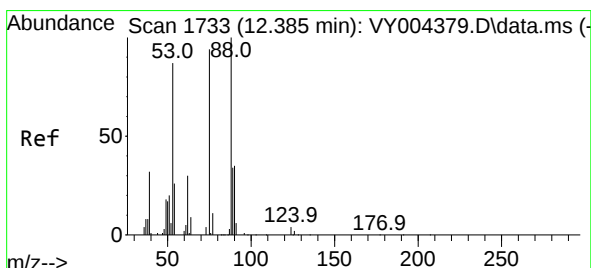
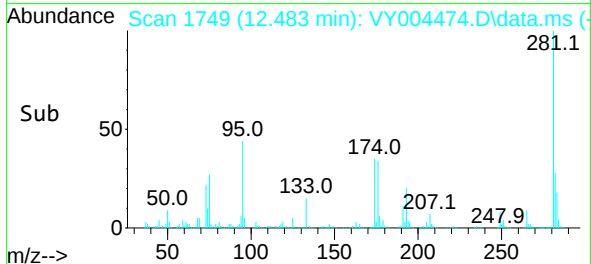
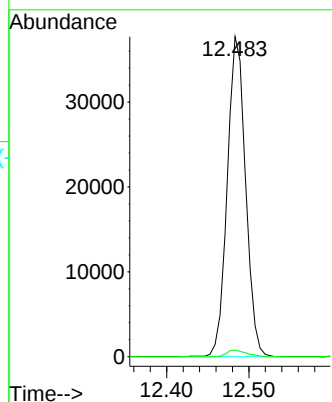
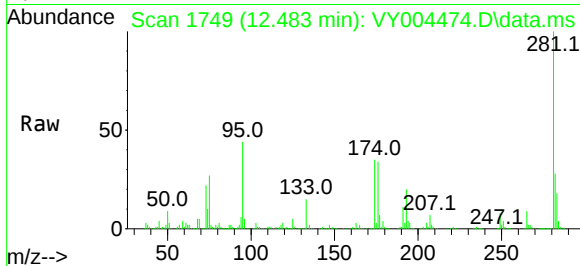




#76
1,2,3-Trichloropropane
Concen: 71.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

Instrument :
MSVOA_Y
ClientSampled :
TP-1

Tgt Ion: 75 Resp: 58499
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004474.D
Acq: 16 Apr 2021 16:55

Tgt Ion: 75 Resp: 58499
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 5.0 36.1 54.1#

