

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004447.D
 Acq On : 15 Apr 2021 17:41
 Operator : SY/MD
 Sample : M2048-09
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 16 05:05:53 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)

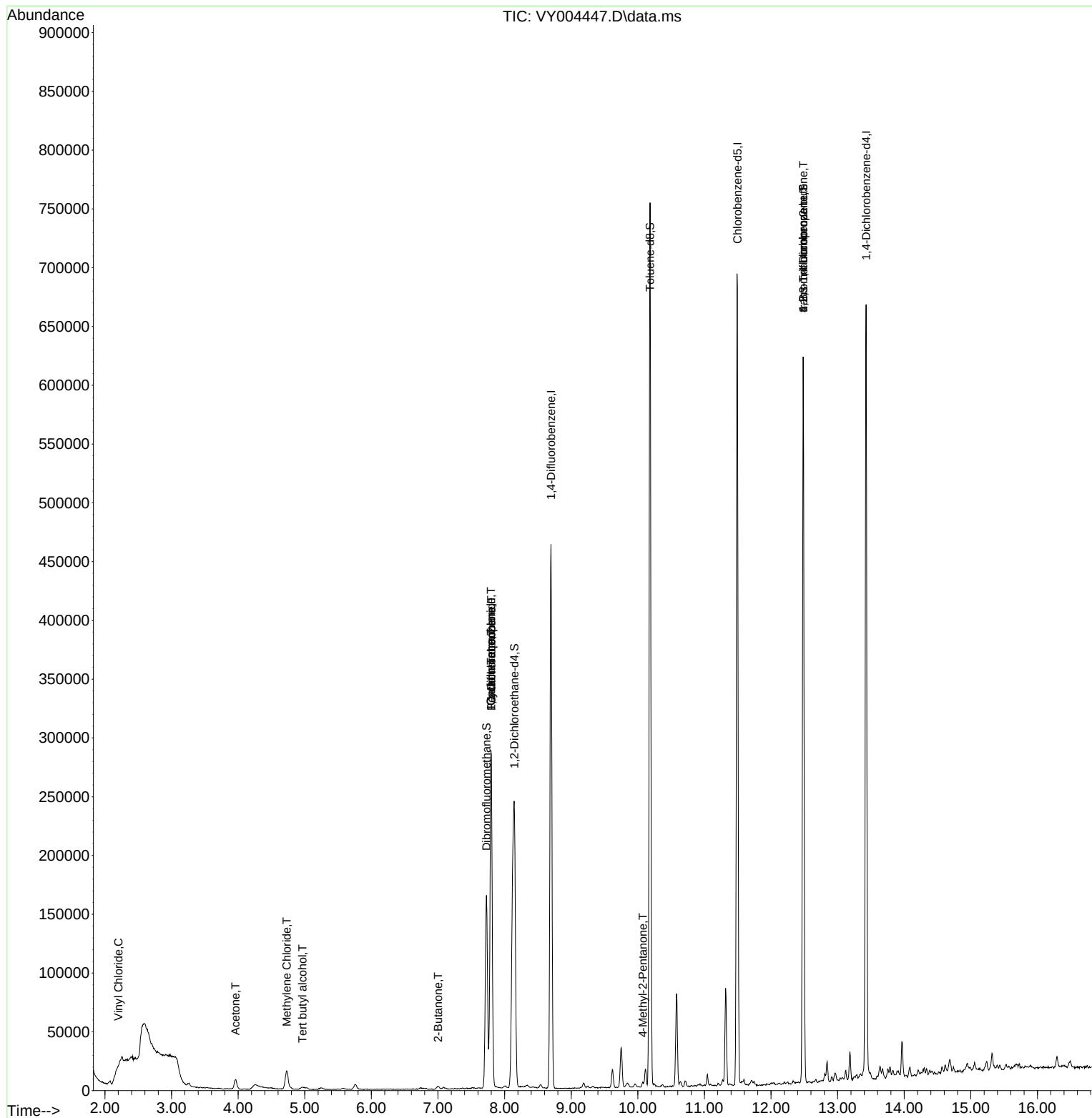
Internal Standards						
1) Pentafluorobenzene	7.801	168	223518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	384292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	360507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	140063	56.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.80%
35) Dibromofluoromethane	7.728	113	114733	53.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.60%
50) Toluene-d8	10.184	98	472274	52.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.12%
62) 4-Bromofluorobenzene	12.483	95	165382	53.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.44%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.204	62	8867	2.80	ug/l #	43
11) Tert butyl alcohol	4.966	59	4400	17.98	ug/l	95
16) Acetone	3.960	43	14953	9.90	ug/l	93
20) Methylene Chloride	4.728	84	10967	4.57	ug/l	91
25) 2-Butanone	7.002	43	4370	4.62	ug/l #	89
31) Cyclohexane	7.795	56	5692	1.25	ug/l #	28
36) 1,1-Dichloropropene	7.801	75	17966	4.70	ug/l #	50
38) Carbon Tetrachloride	7.795	117	21896	6.63	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	2920	1.22	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	91987	52.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91987	94.76	ug/l #	12

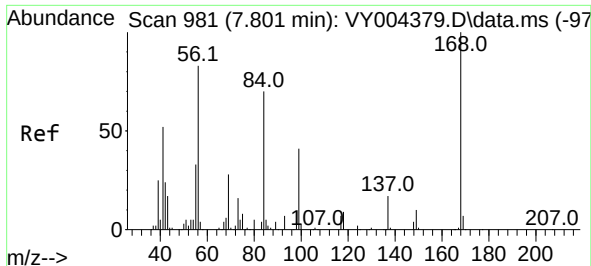
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
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Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

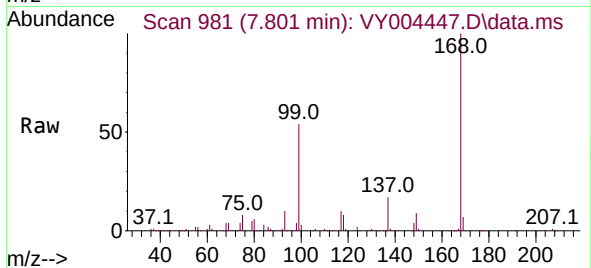
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



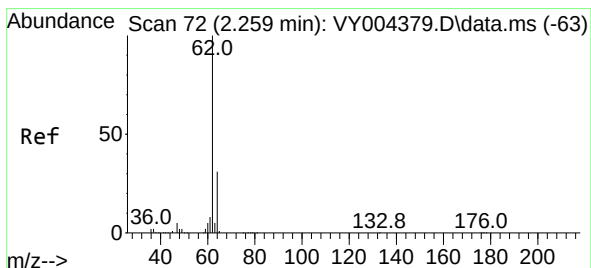
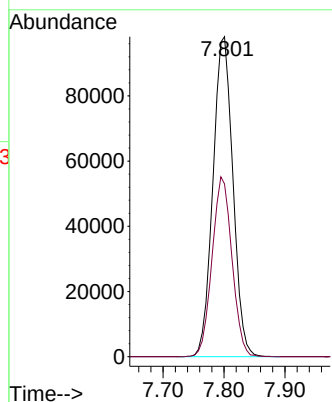
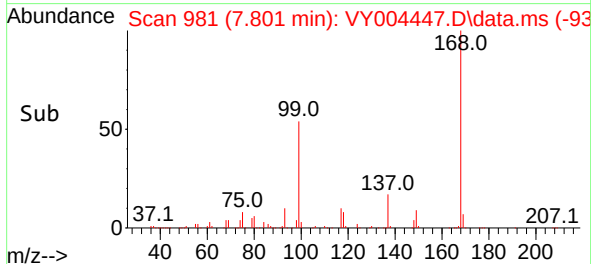


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

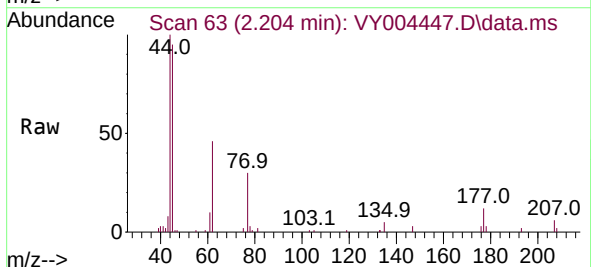
Instrument :
MSVOA_Y
ClientSampled :



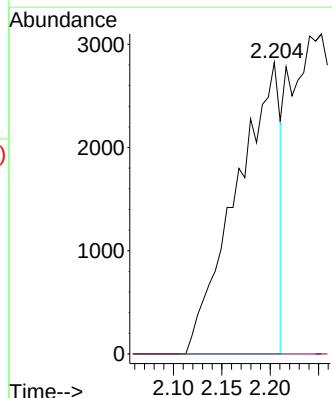
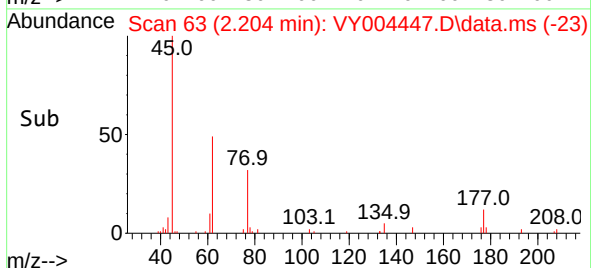
Tgt Ion:168 Resp: 223518
Ion Ratio Lower Upper
168 100
99 54.0 45.5 68.3

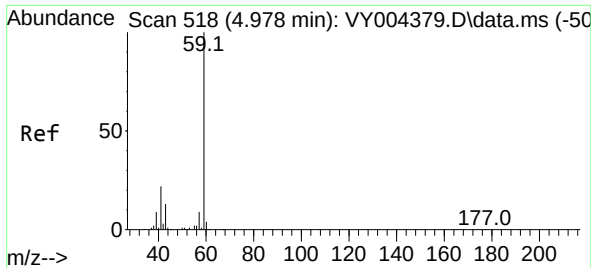


#4
Vinyl Chloride
Concen: 2.80 ug/l
RT: 2.204 min Scan# 63
Delta R.T. -0.055 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41



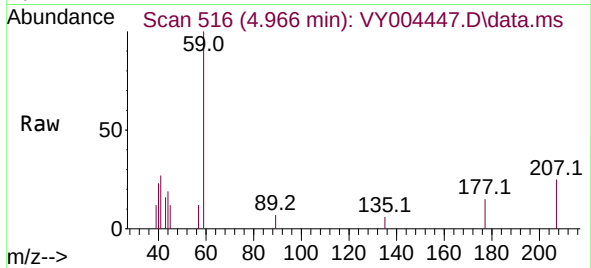
Tgt Ion: 62 Resp: 8867
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



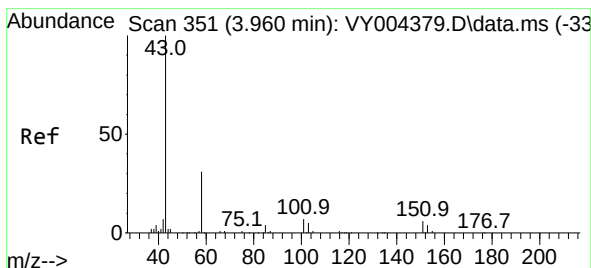
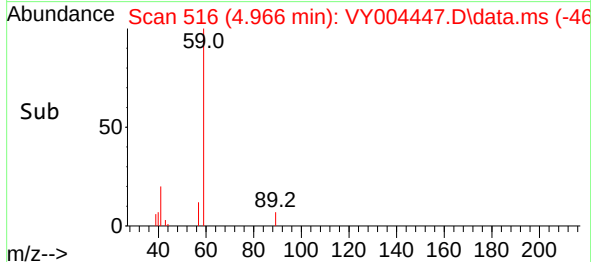
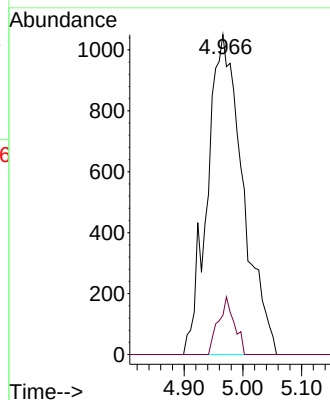


#11
Tert butyl alcohol
Concen: 17.98 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Instrument :
MSVOA_Y
ClientSampled :

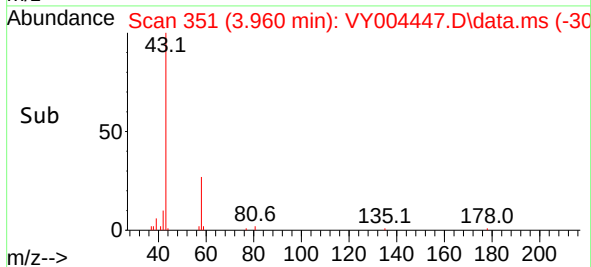
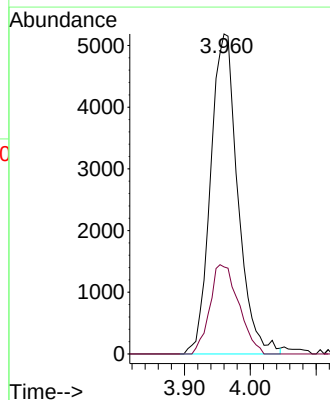
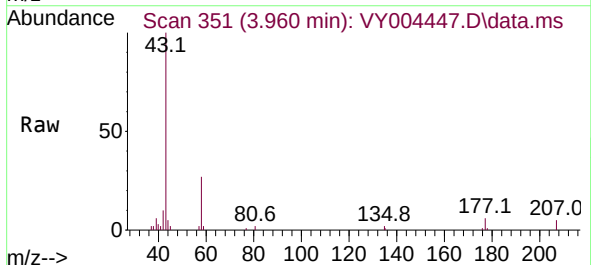


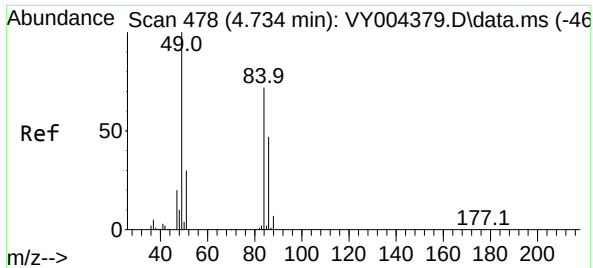
Tgt Ion: 59 Resp: 4400
Ion Ratio Lower Upper
59 100
57 8.1 8.1 12.1



#16
Acetone
Concen: 9.90 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

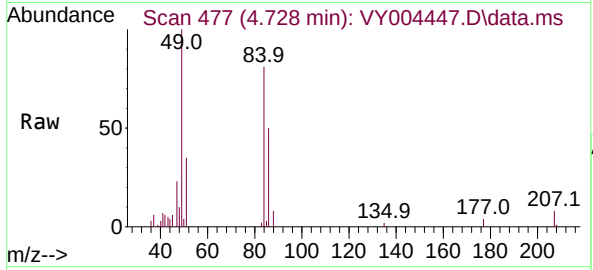
Tgt Ion: 43 Resp: 14953
Ion Ratio Lower Upper
43 100
58 27.2 24.6 37.0





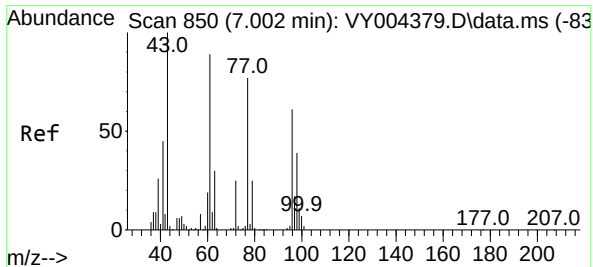
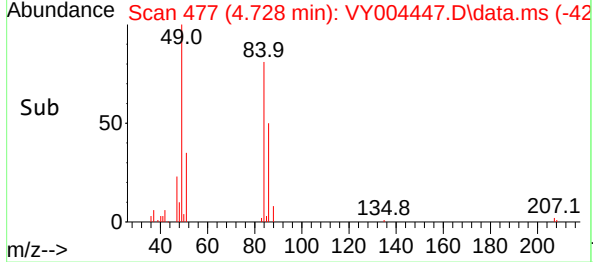
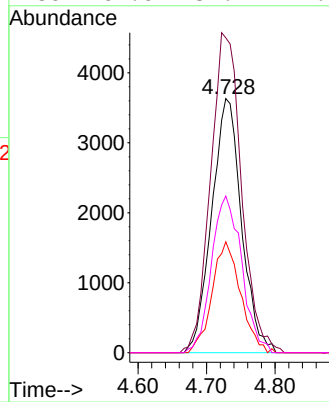
#20
Methylene Chloride
Concen: 4.57 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 10967

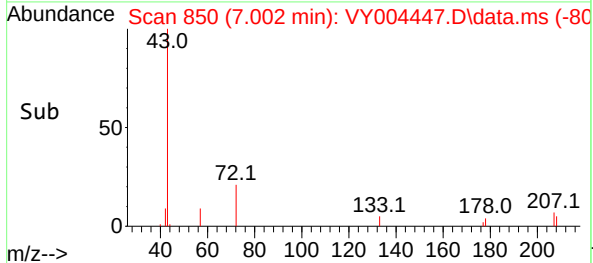
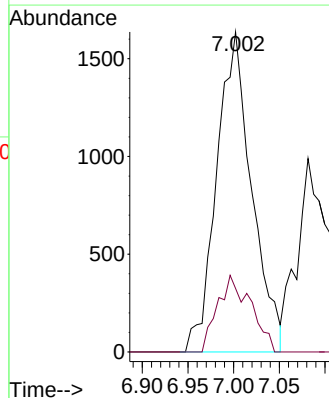
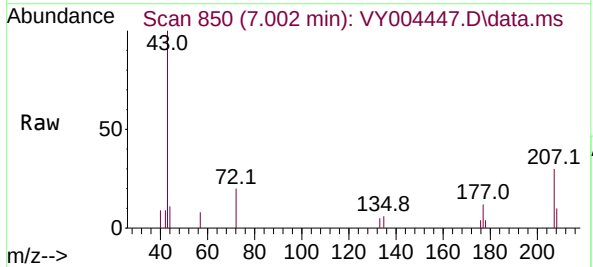
Ion	Ratio	Lower	Upper
84	100		
49	124.0	111.2	166.8
51	43.6	33.4	50.2
86	61.6	52.7	79.1

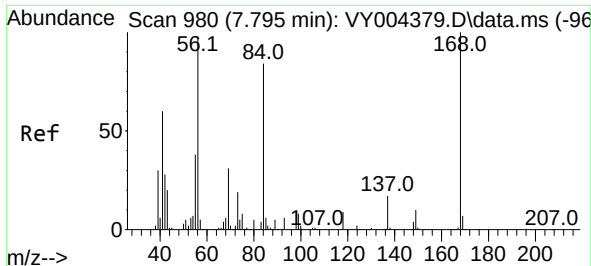


#25
2-Butanone
Concen: 4.62 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Tgt Ion: 43 Resp: 4370

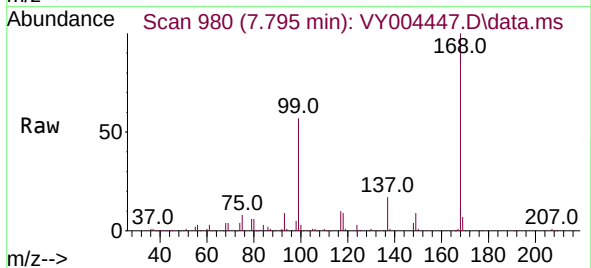
Ion	Ratio	Lower	Upper
43	100		
72	19.9	20.2	30.2#



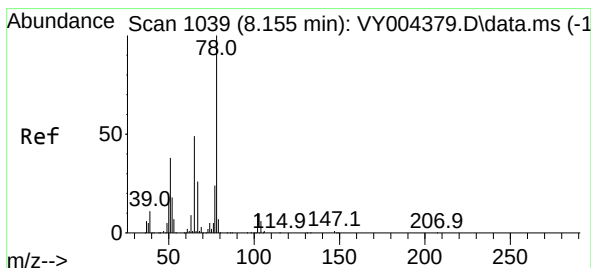
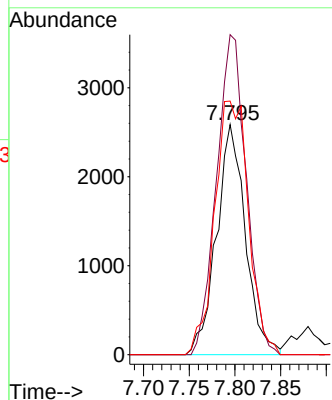
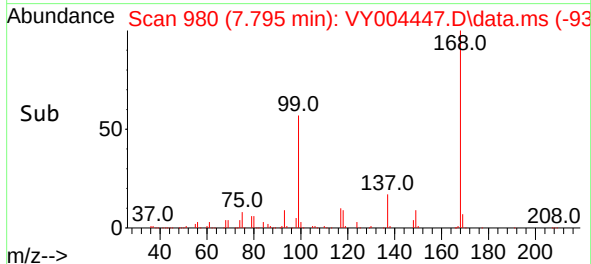


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

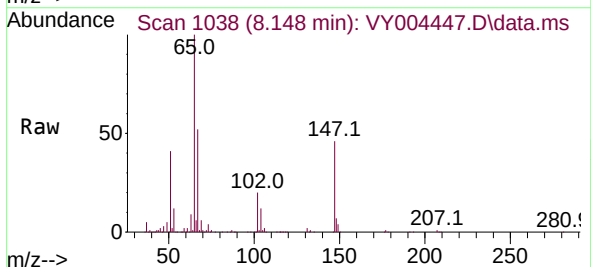
Instrument :
MSVOA_Y
ClientSampled :



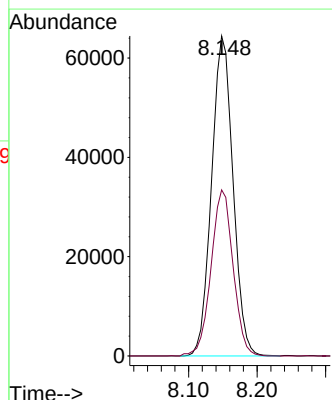
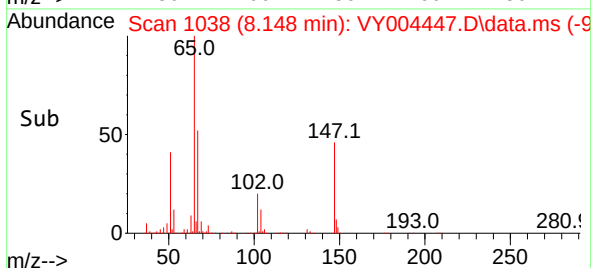
Tgt Ion: 56 Resp: 5692
Ion Ratio Lower Upper
56 100
69 139.1 25.8 38.6#
84 110.2 68.2 102.4#

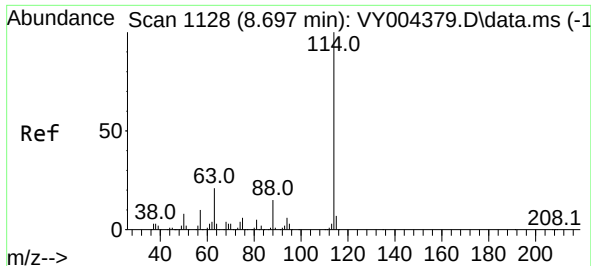


#33
1,2-Dichloroethane-d4
Concen: 56.40 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41



Tgt Ion: 65 Resp: 140063
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.4

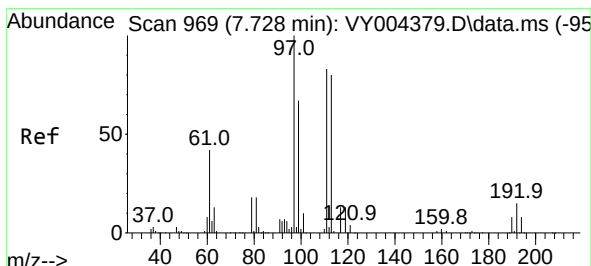
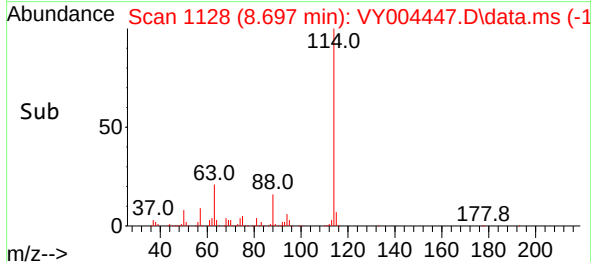
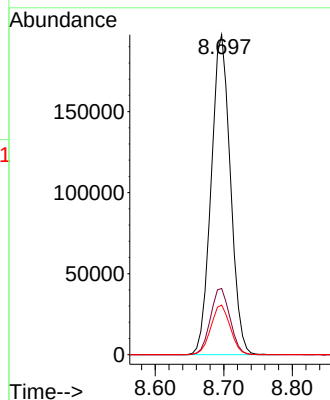
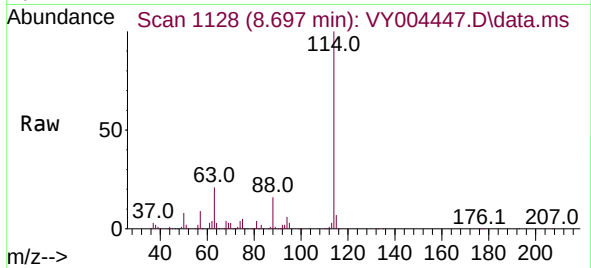




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

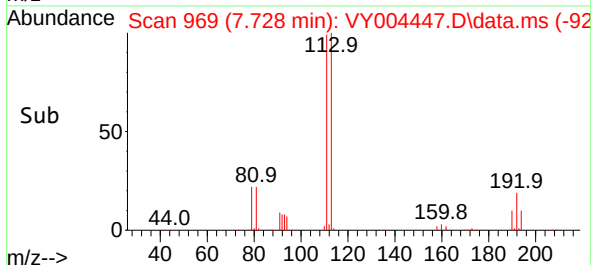
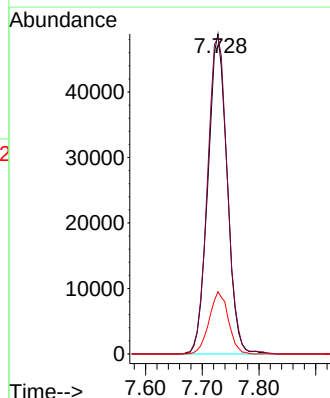
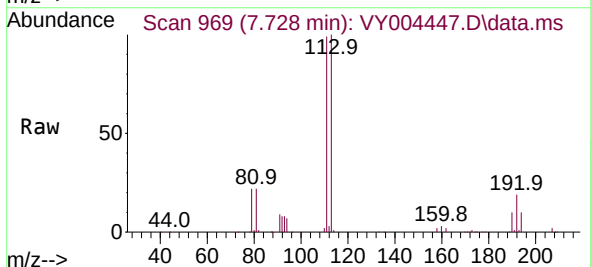
Instrument :
MSVOA_Y
ClientSampled :

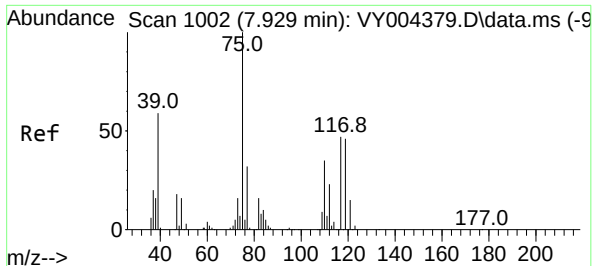
Tgt Ion:114 Resp: 384292
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.80 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Tgt Ion:113 Resp: 114733
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.4 16.1 24.1

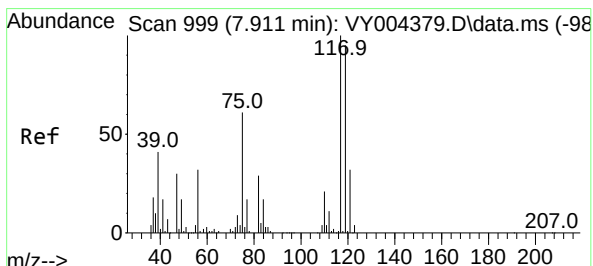
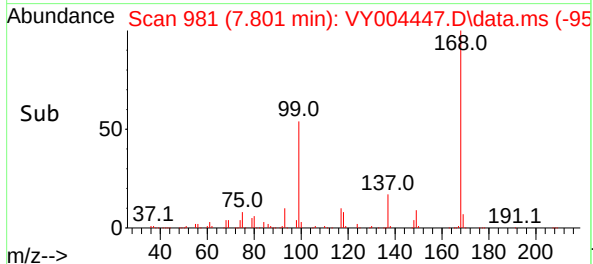
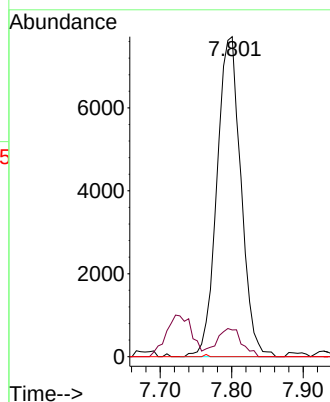
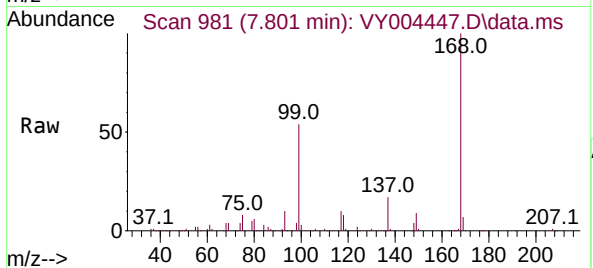




#36
 1,1-Dichloropropene
 Concen: 4.70 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY004447.D
 Acq: 15 Apr 2021 17:41

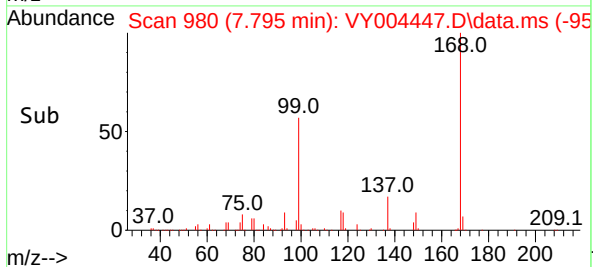
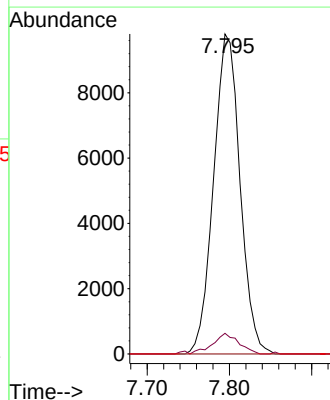
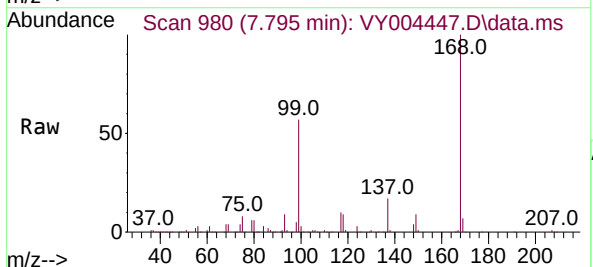
Instrument :
 MSVOA_Y
 ClientSampled :

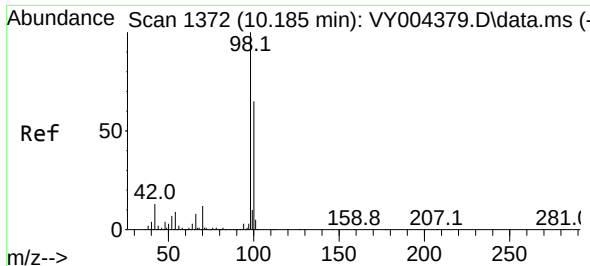
Tgt Ion: 75 Resp: 17966
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.3 51.7#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.63 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY004447.D
 Acq: 15 Apr 2021 17:41

Tgt Ion: 117 Resp: 21896
 Ion Ratio Lower Upper
 117 100
 119 6.4 75.8 113.8#
 121 0.0 25.3 37.9#

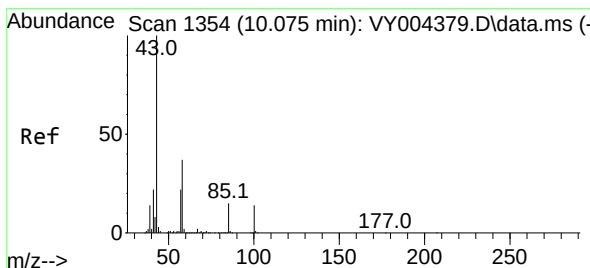
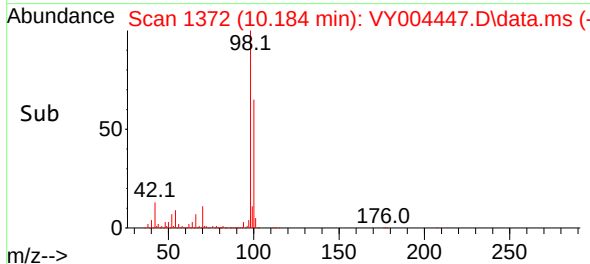
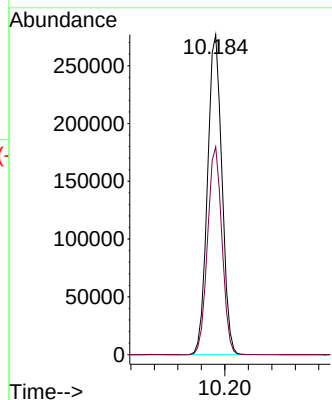
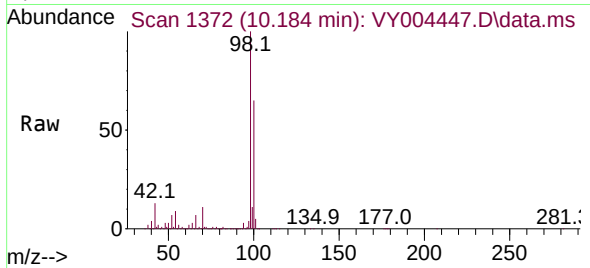




#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

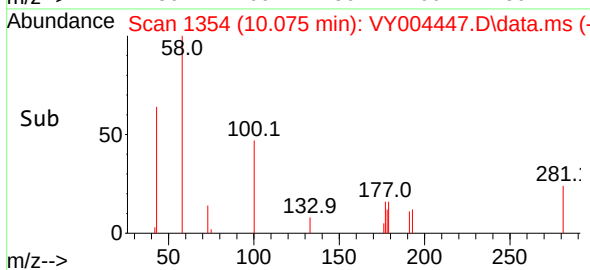
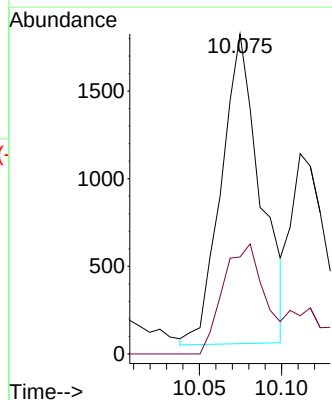
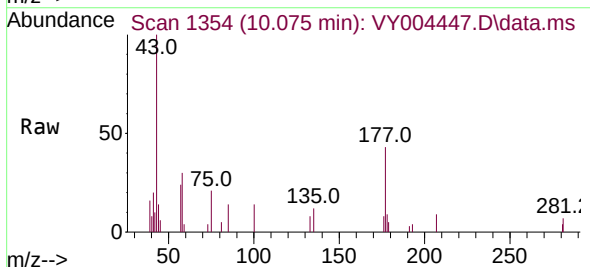
Instrument :
MSVOA_Y
ClientSampled :

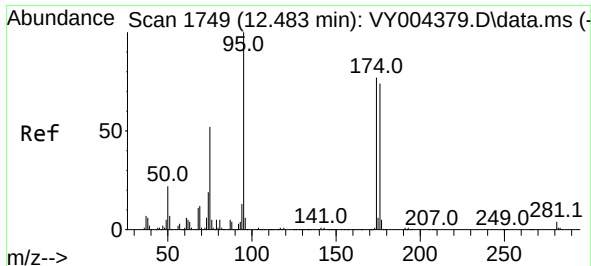
Tgt Ion: 98 Resp: 472274
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Tgt Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
58 37.8 29.2 43.8

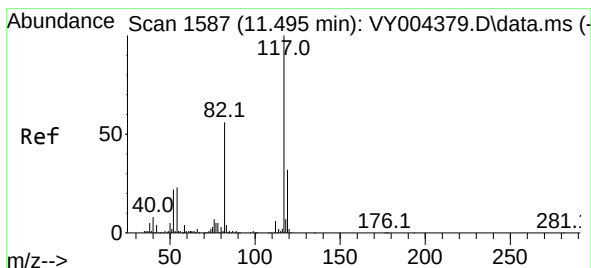
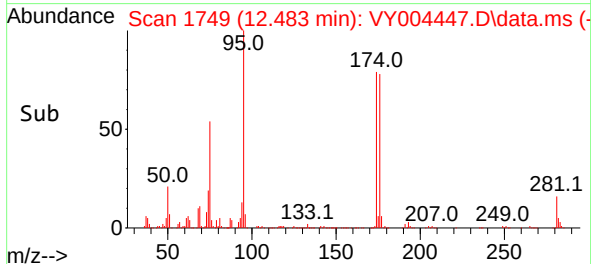
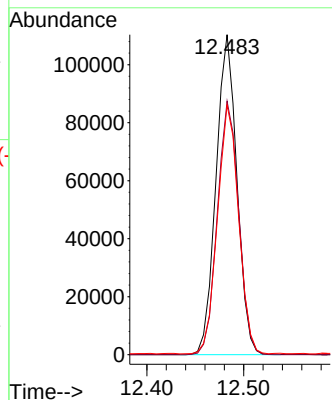
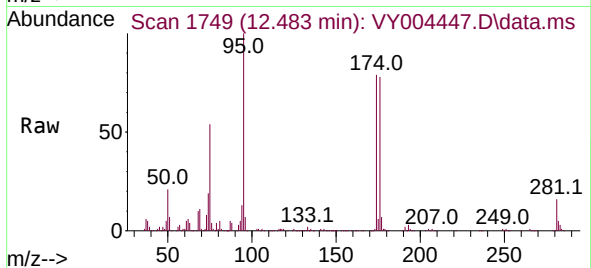




#62
4-Bromofluorobenzene
Concen: 53.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

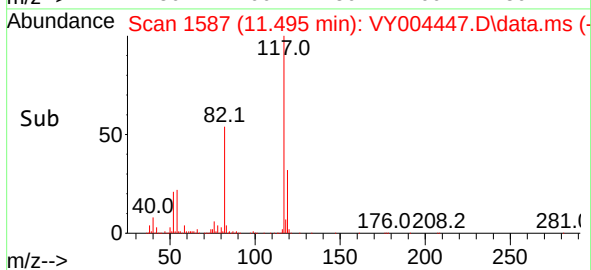
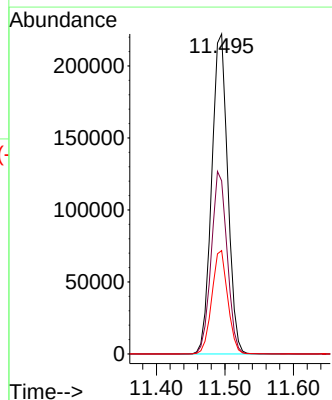
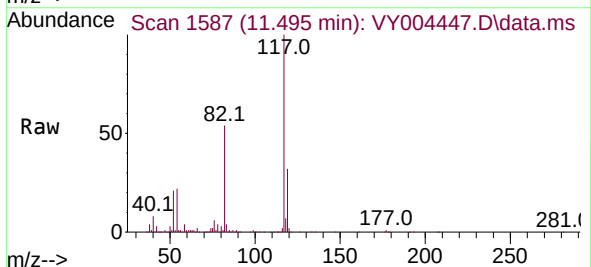
Instrument :
MSVOA_Y
ClientSampled :

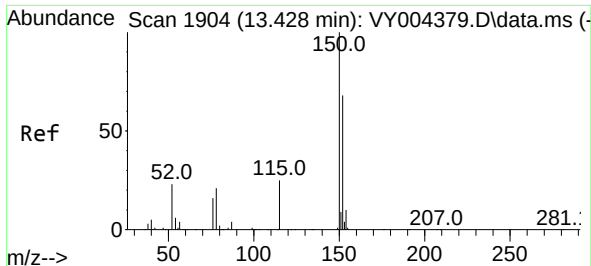
Tgt Ion: 95 Resp: 165382
Ion Ratio Lower Upper
95 100
174 80.7 0.0 162.4
176 78.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004447.D
Acq: 15 Apr 2021 17:41

Tgt Ion: 117 Resp: 360507
Ion Ratio Lower Upper
117 100
82 54.1 44.9 67.3
119 32.3 25.4 38.0

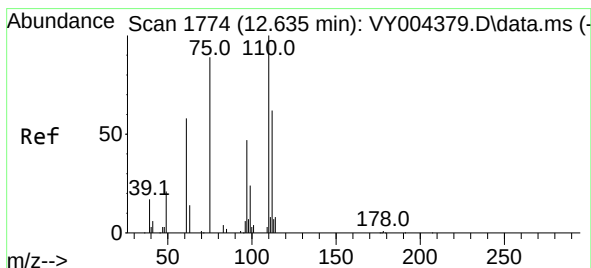
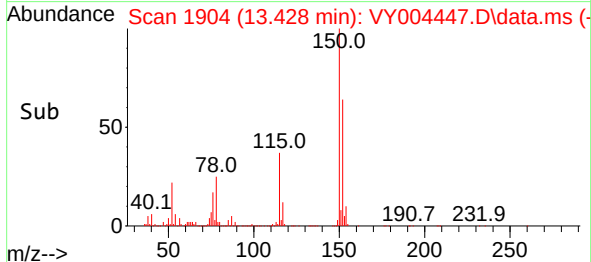
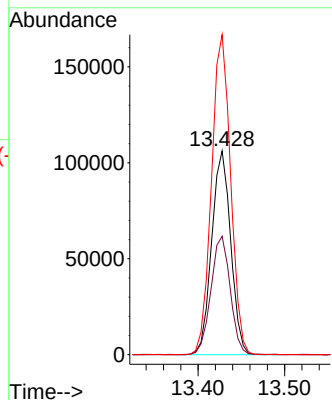
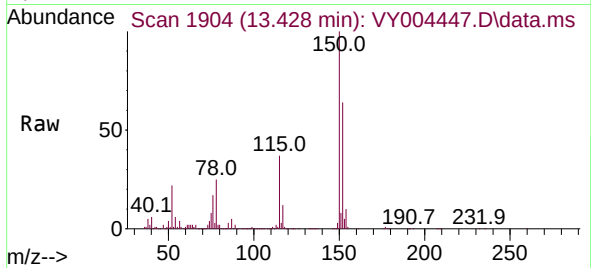




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004447.D
 Acq: 15 Apr 2021 17:41

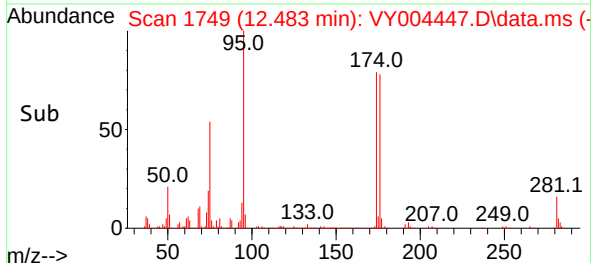
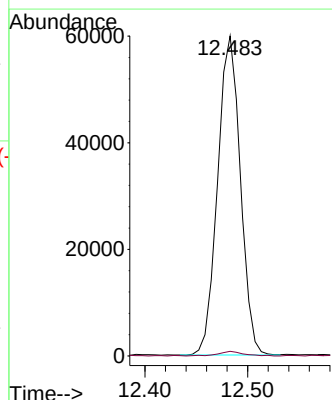
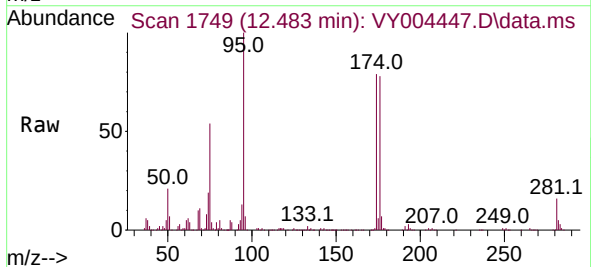
Instrument :
 MSVOA_Y
 ClientSampled :

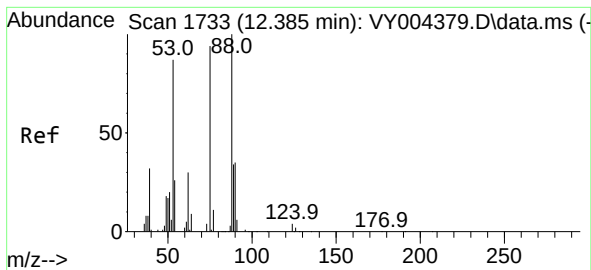
Tgt Ion:152 Resp: 161807
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.6 88.8
 150 158.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 52.97 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004447.D
 Acq: 15 Apr 2021 17:41

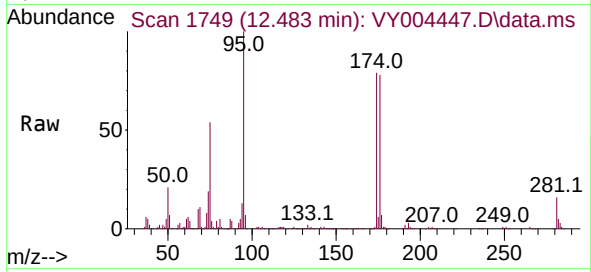
Tgt Ion: 75 Resp: 91987
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.76 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004447.D
 Acq: 15 Apr 2021 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	91987
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.4	36.1	54.1#

