

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004477.D
 Acq On : 16 Apr 2021 18:05
 Operator : SY/MD
 Sample : M2048-03RE
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0

Quant Time: Apr 17 00:56:55 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)

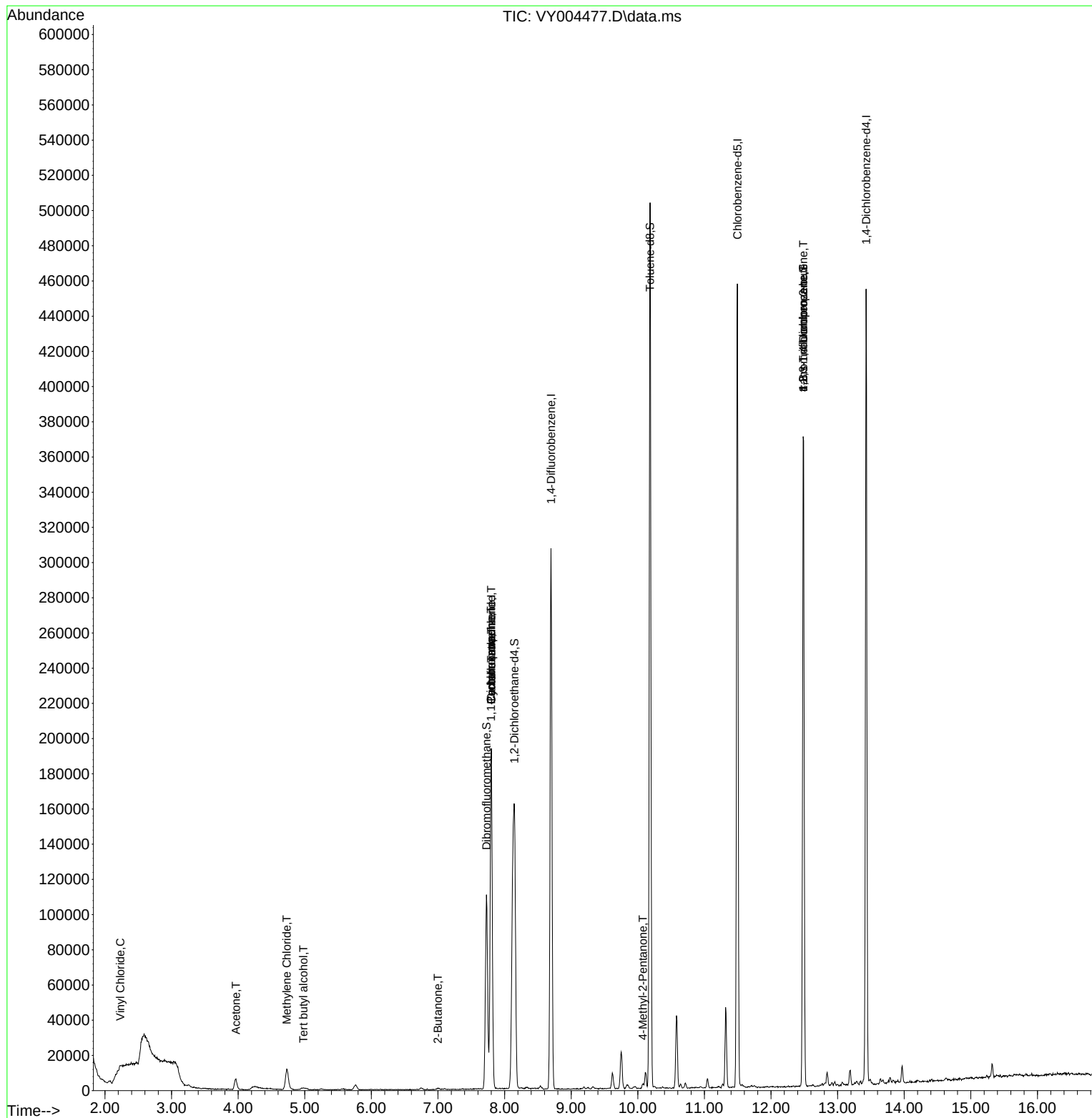
Internal Standards						
1) Pentafluorobenzene	7.801	168	144182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	251576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	236467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89429	55.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.64%			
35) Dibromofluoromethane	7.728	113	74990	53.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.42%			
50) Toluene-d8	10.185	98	311898	52.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.04%			
62) 4-Bromofluorobenzene	12.483	95	104720	51.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.92%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	6231	3.05	ug/l #	43
11) Tert butyl alcohol	4.978	59	2266	14.35	ug/l #	78
16) Acetone	3.966	43	10589	12.90	ug/l	99
20) Methylene Chloride	4.728	84	8176	5.28	ug/l	97
25) 2-Butanone	6.996	43	1625	2.66	ug/l #	83
31) Cyclohexane	7.801	56	3476	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11786	4.71	ug/l #	51
38) Carbon Tetrachloride	7.801	117	14456	6.69	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	1803	1.15	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	58211	50.27	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58211	89.92	ug/l #	12

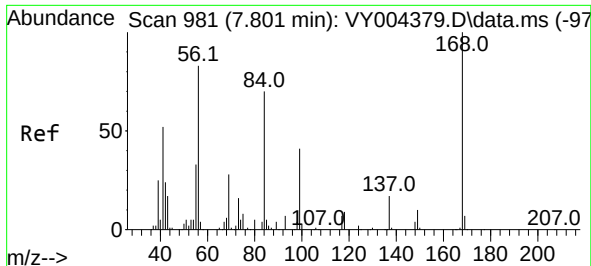
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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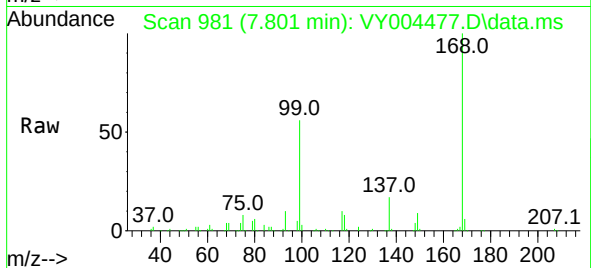
Quant Time: Apr 17 00:56:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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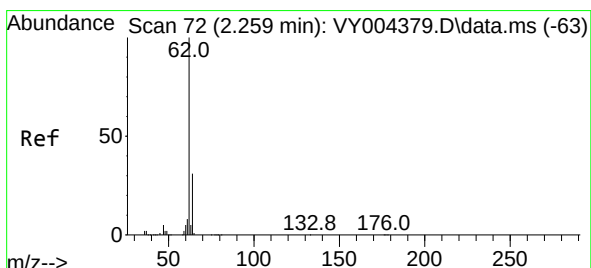
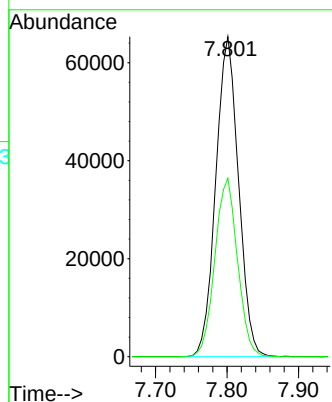
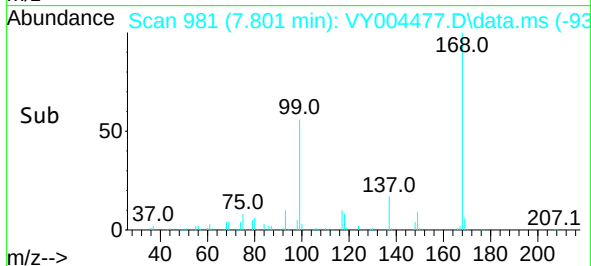


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

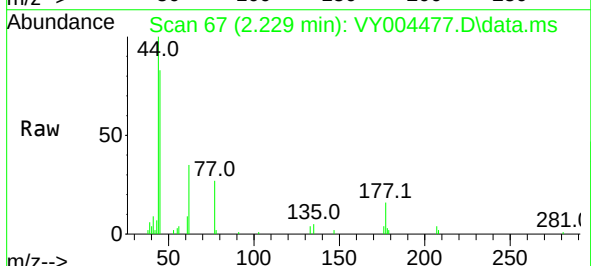
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0



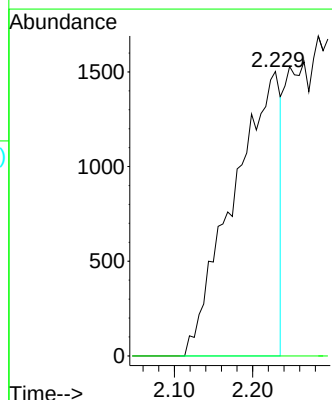
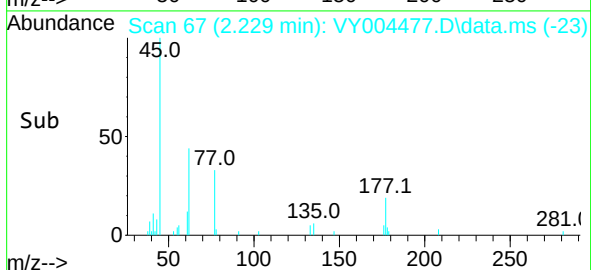
Tgt Ion:168 Resp: 144182
Ion Ratio Lower Upper
168 100
99 55.7 45.5 68.3

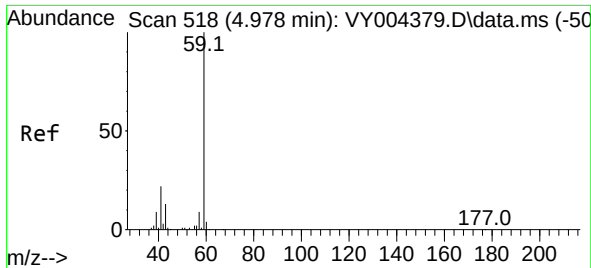


#4
Vinyl Chloride
Concen: 3.05 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.030 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05



Tgt Ion: 62 Resp: 6231
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

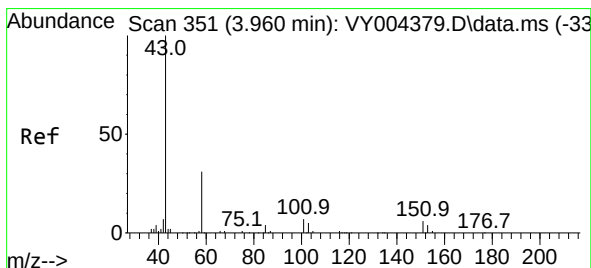
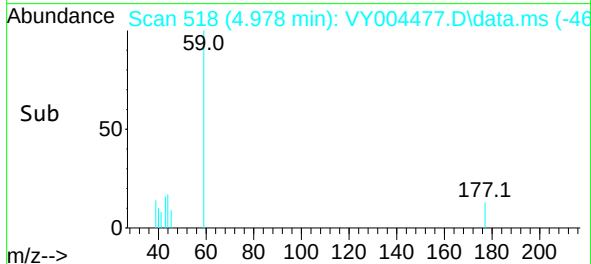
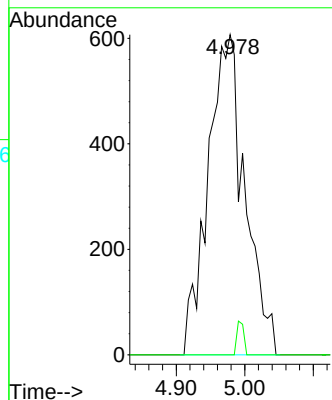
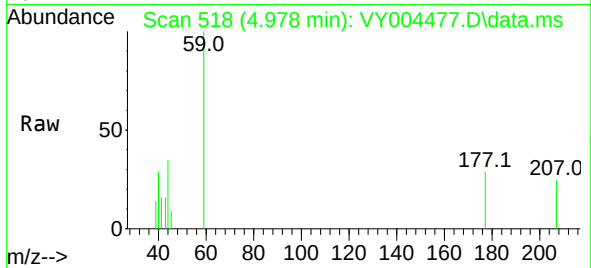




#11
Tert butyl alcohol
Concen: 14.35 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

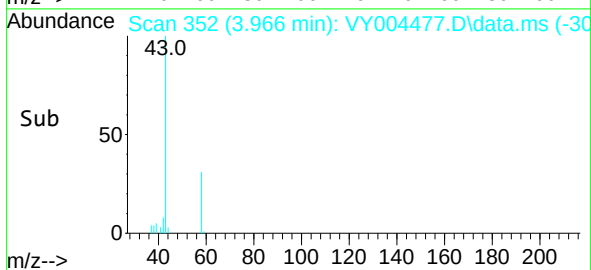
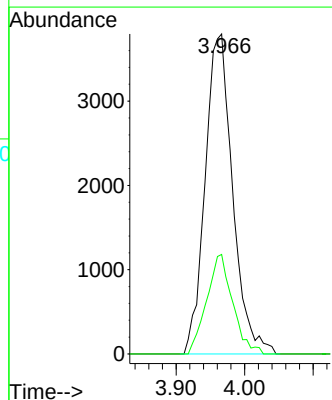
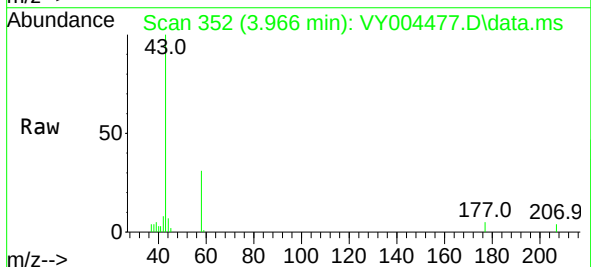
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

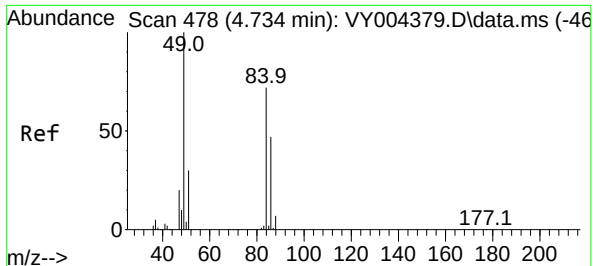
Tgt Ion: 59 Resp: 2266
Ion Ratio Lower Upper
59 100
57 2.0 8.1 12.1#



#16
Acetone
Concen: 12.90 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

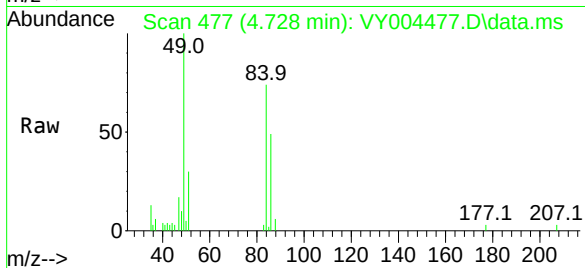
Tgt Ion: 43 Resp: 10589
Ion Ratio Lower Upper
43 100
58 31.1 24.6 37.0



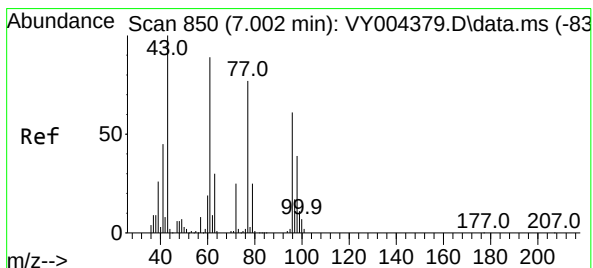
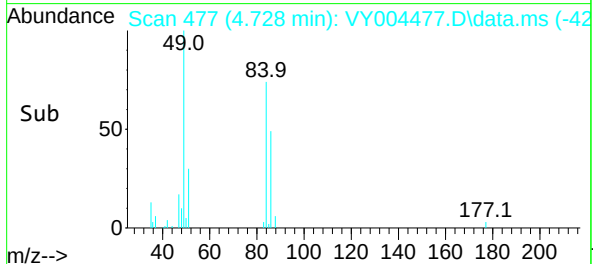
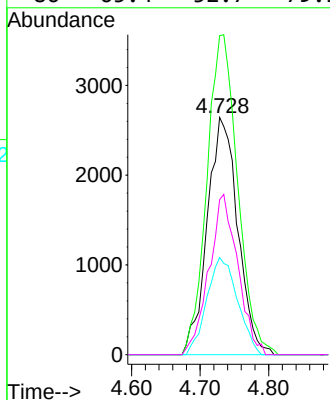


#20
Methylene Chloride
Concen: 5.28 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

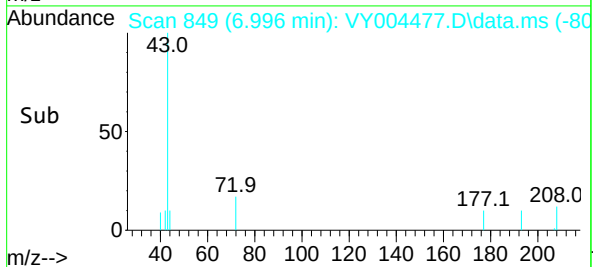
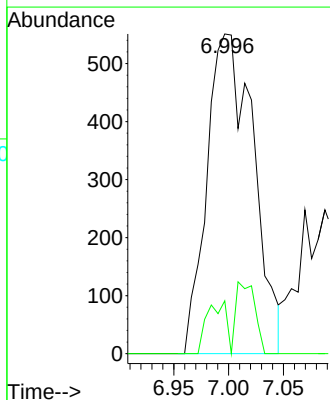
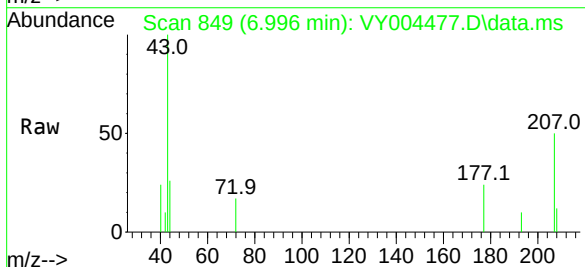


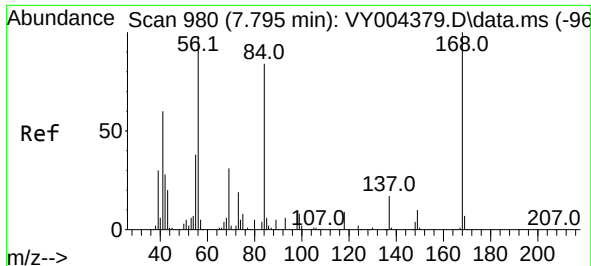
Tgt Ion:	84	Resp:	8176
Ion	Ratio	Lower	Upper
84	100		
49	134.5	111.2	166.8
51	40.9	33.4	50.2
86	65.4	52.7	79.1



#25
2-Butanone
Concen: 2.66 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

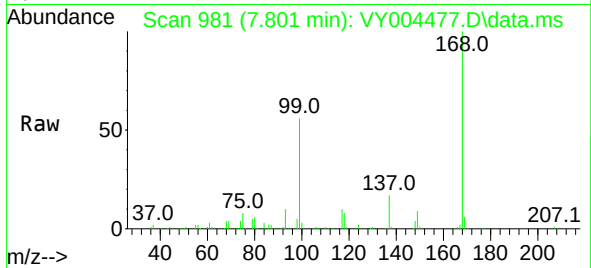
Tgt Ion:	43	Resp:	1625
Ion	Ratio	Lower	Upper
43	100		
72	16.5	20.2	30.2#



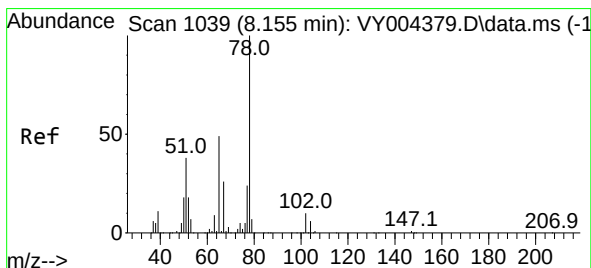
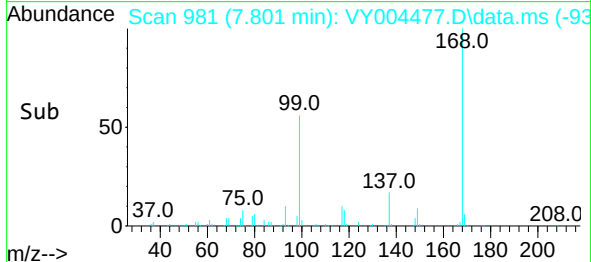
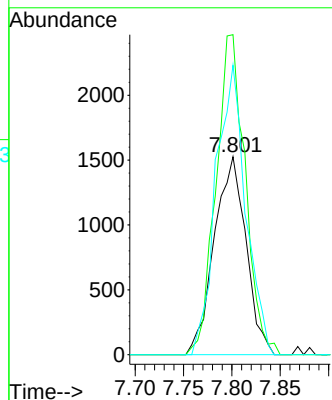


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

Instrument :
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ClientSampleId :
SB-01-14.5-15.0

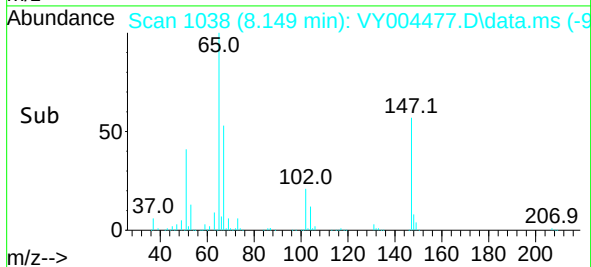
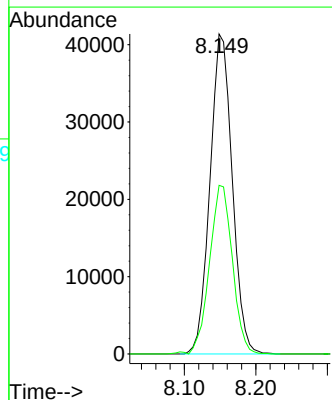
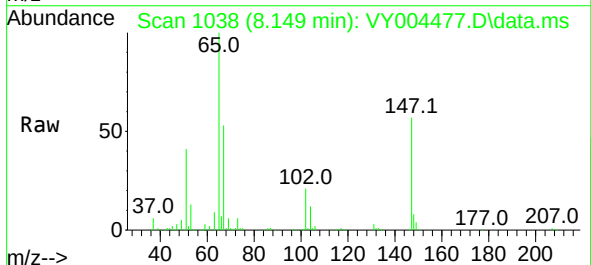


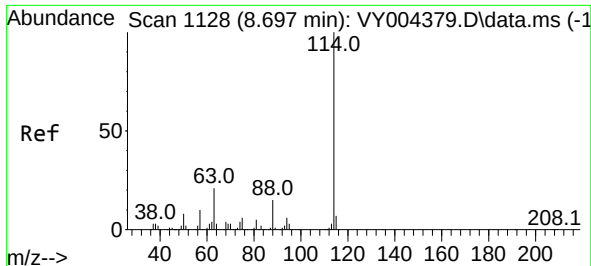
Tgt Ion: 56 Resp: 3476
Ion Ratio Lower Upper
56 100
69 161.7 25.8 38.6#
84 146.2 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 55.82 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

Tgt Ion: 65 Resp: 89429
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.4

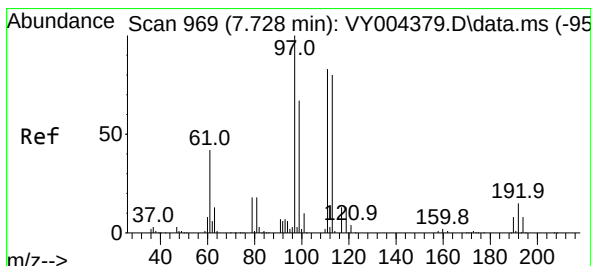
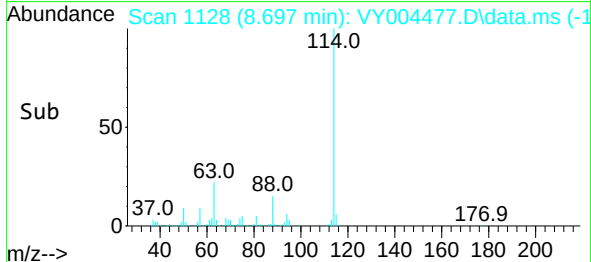
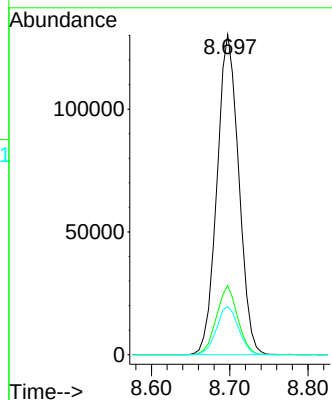
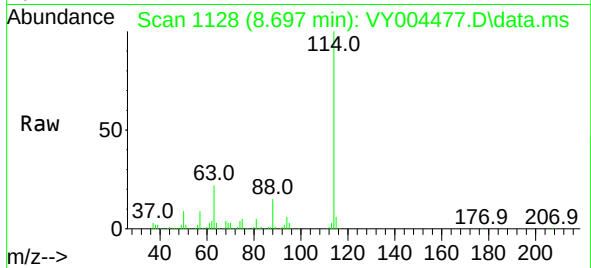




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

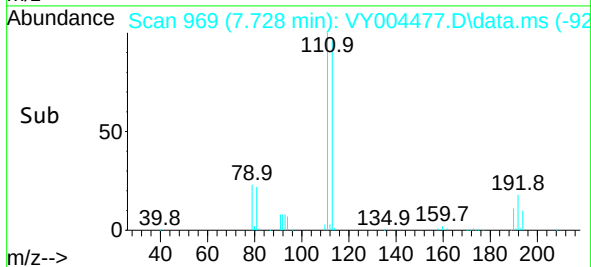
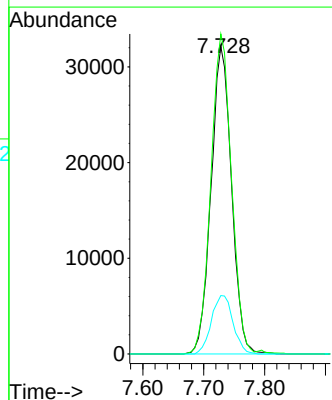
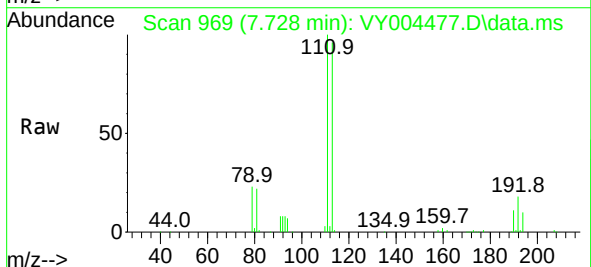
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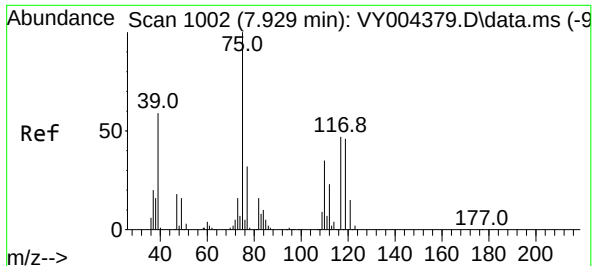
Tgt Ion:114 Resp: 251576
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.71 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

Tgt Ion:113 Resp: 74990
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 20.0 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.71 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY004477.D

Acq: 16 Apr 2021 18:05

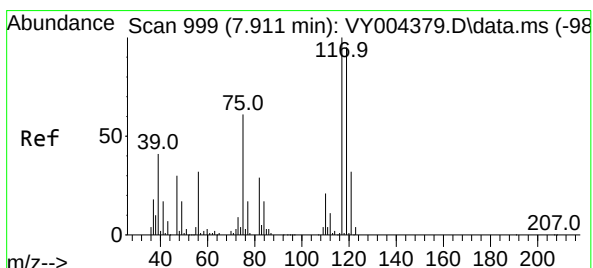
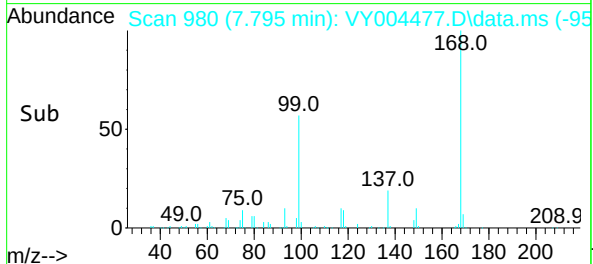
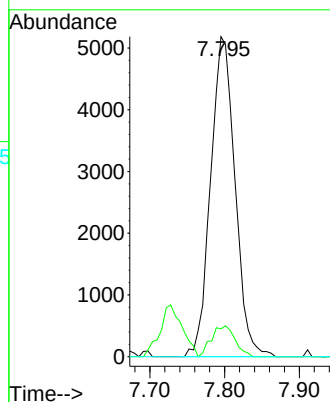
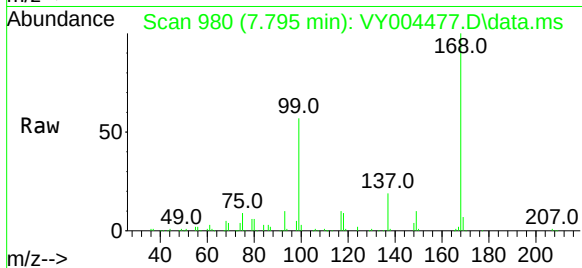
Instrument :

MSVOA_Y

ClientSampleId :

SB-01-14.5-15.0

Tgt Ion:	75	Resp:	11786
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.3	51.7#
77	0.0	24.3	36.5#



#38

Carbon Tetrachloride

Concen: 6.69 ug/l

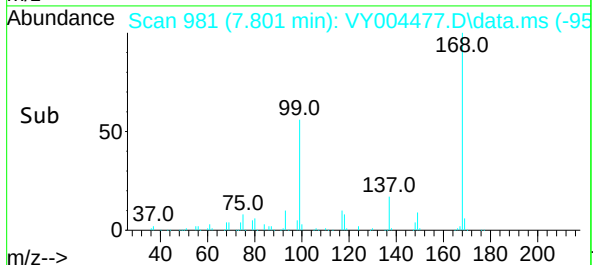
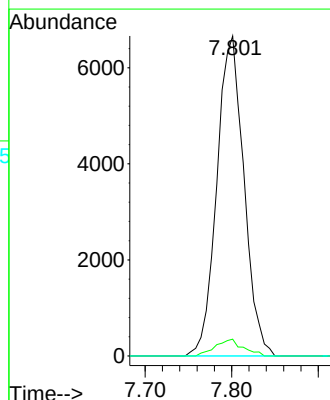
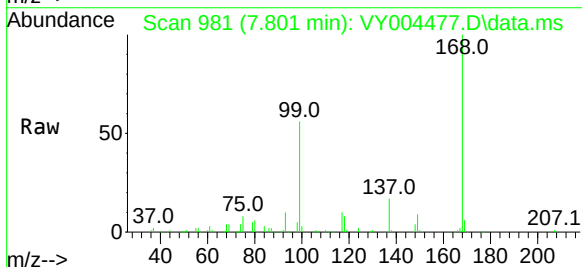
RT: 7.801 min Scan# 981

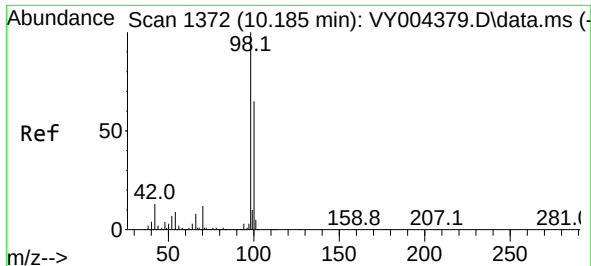
Delta R.T. -0.110 min

Lab File: VY004477.D

Acq: 16 Apr 2021 18:05

Tgt Ion:	117	Resp:	14456
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.8	113.8#
121	0.0	25.3	37.9#

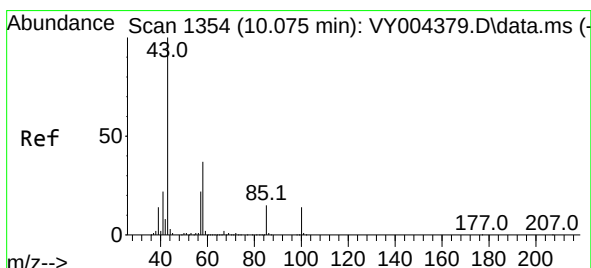
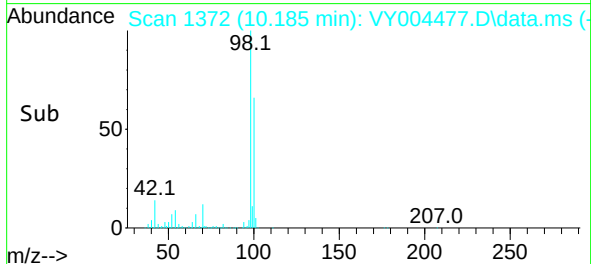
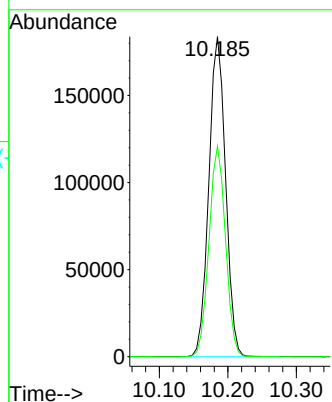
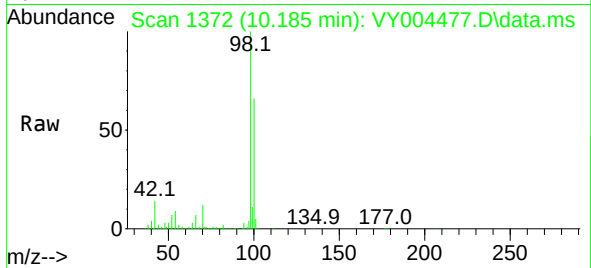




#50
Toluene-d8
Concen: 52.52 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

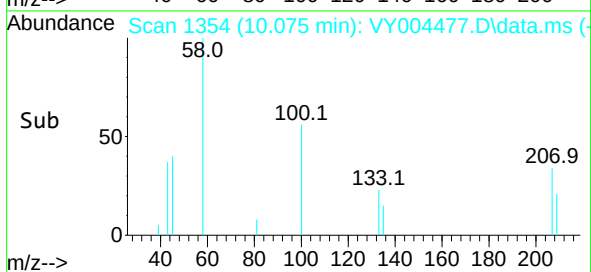
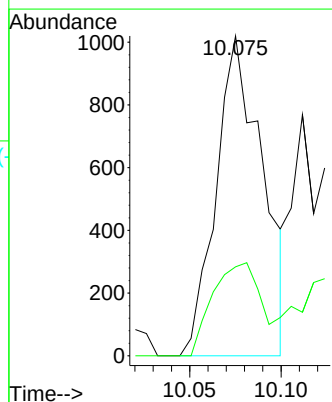
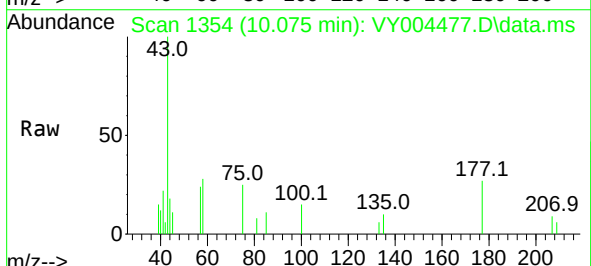
Instrument :
MSVOA_Y
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SB-01-14.5-15.0

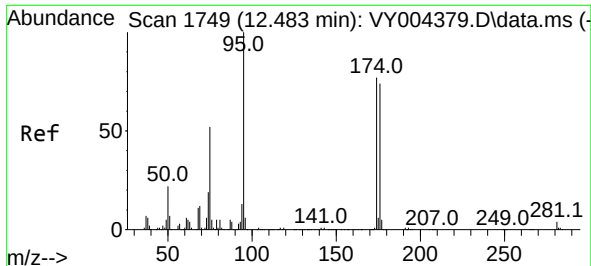
Tgt Ion: 98 Resp: 311898
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.15 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 32.3 29.2 43.8

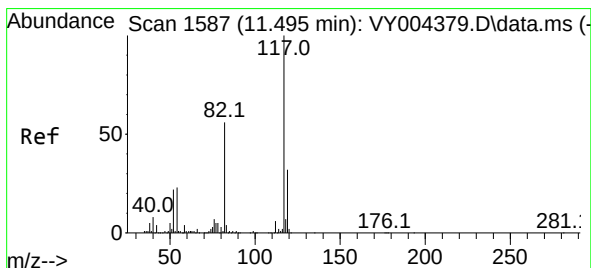
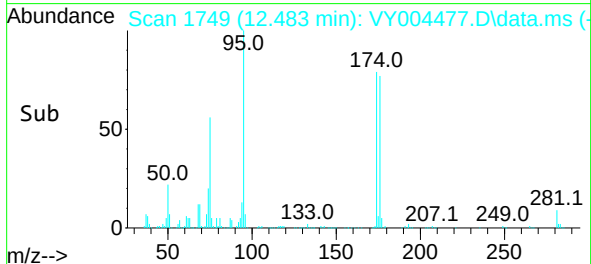
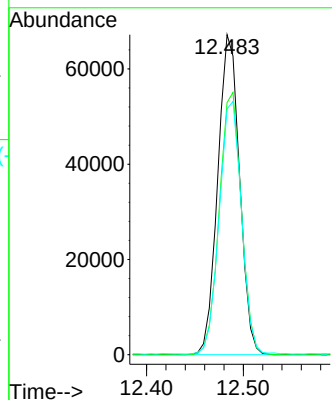
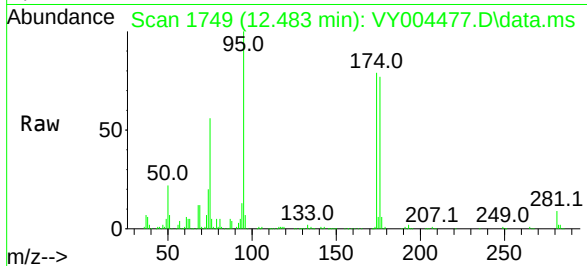




#62
4-Bromofluorobenzene
Concen: 51.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

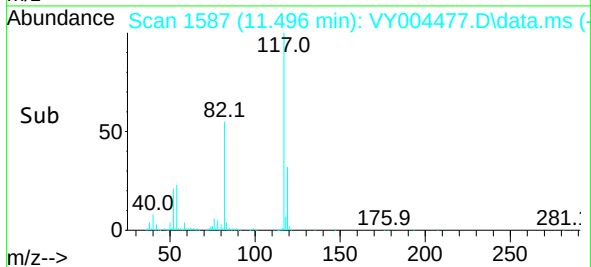
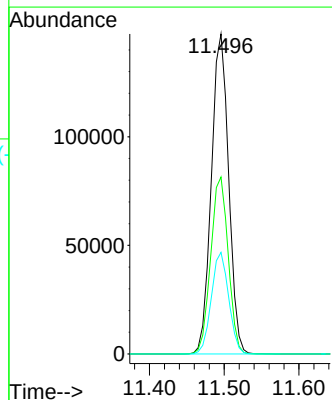
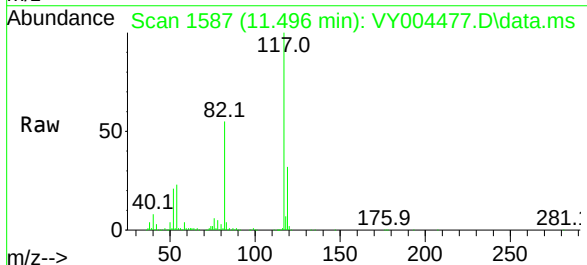
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

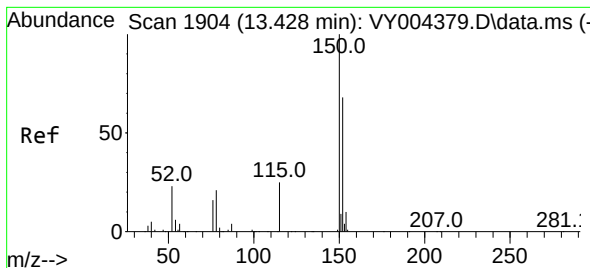
Tgt Ion: 95 Resp: 104720
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 80.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004477.D
Acq: 16 Apr 2021 18:05

Tgt Ion: 117 Resp: 236467
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 31.8 25.4 38.0

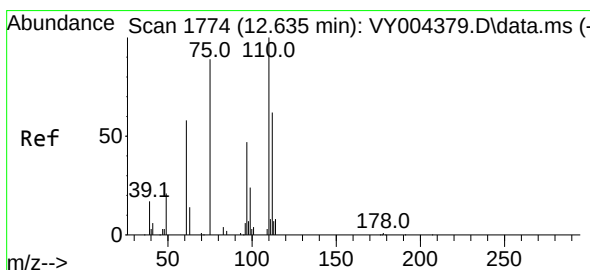
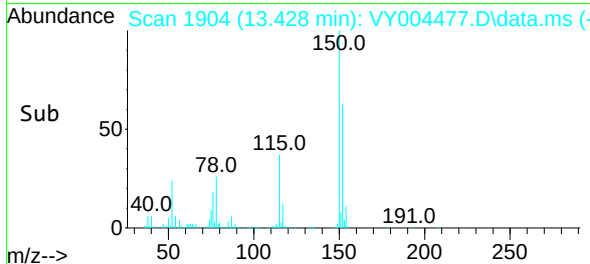
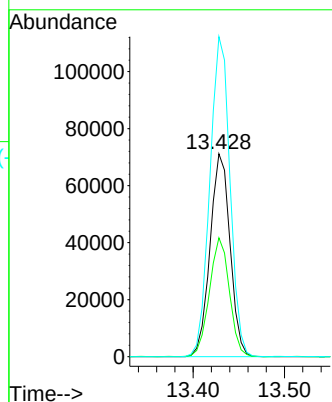
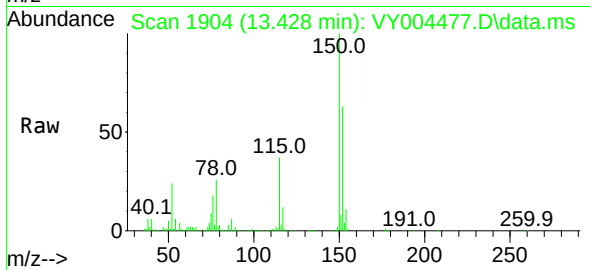




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004477.D
 Acq: 16 Apr 2021 18:05

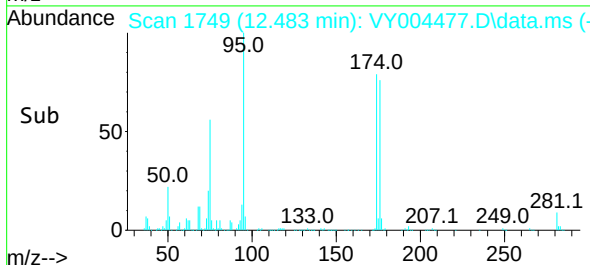
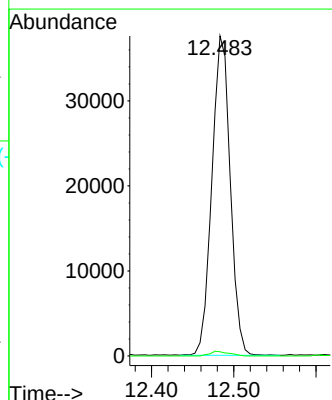
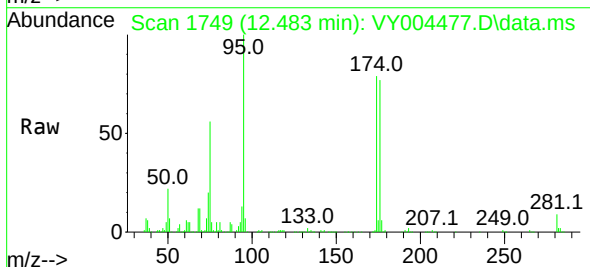
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0

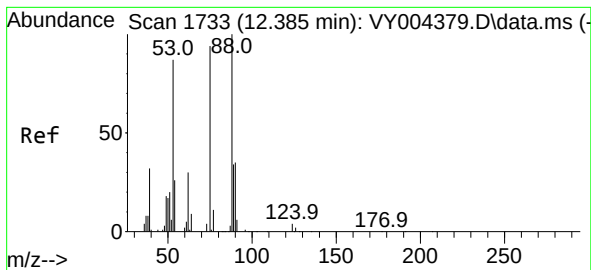
Tgt Ion:152 Resp: 107899
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.6 88.8
 150 158.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.27 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004477.D
 Acq: 16 Apr 2021 18:05

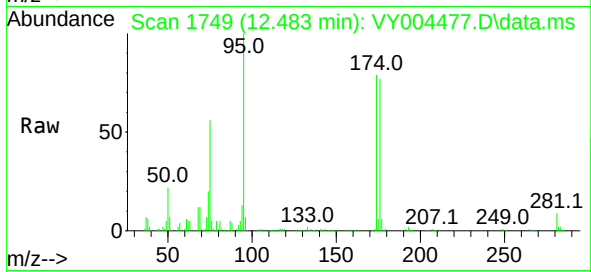
Tgt Ion: 75 Resp: 58211
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.92 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004477.D
 Acq: 16 Apr 2021 18:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0



Tgt Ion: 75 Resp: 58211
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.1 36.1 54.1#

