

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004483.D
 Acq On : 16 Apr 2021 20:24
 Operator : SY/MD
 Sample : M2047-05RE
 Misc : 7.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 130-SB3-(1.5-2)

Quant Time: Apr 17 00:58:31 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)

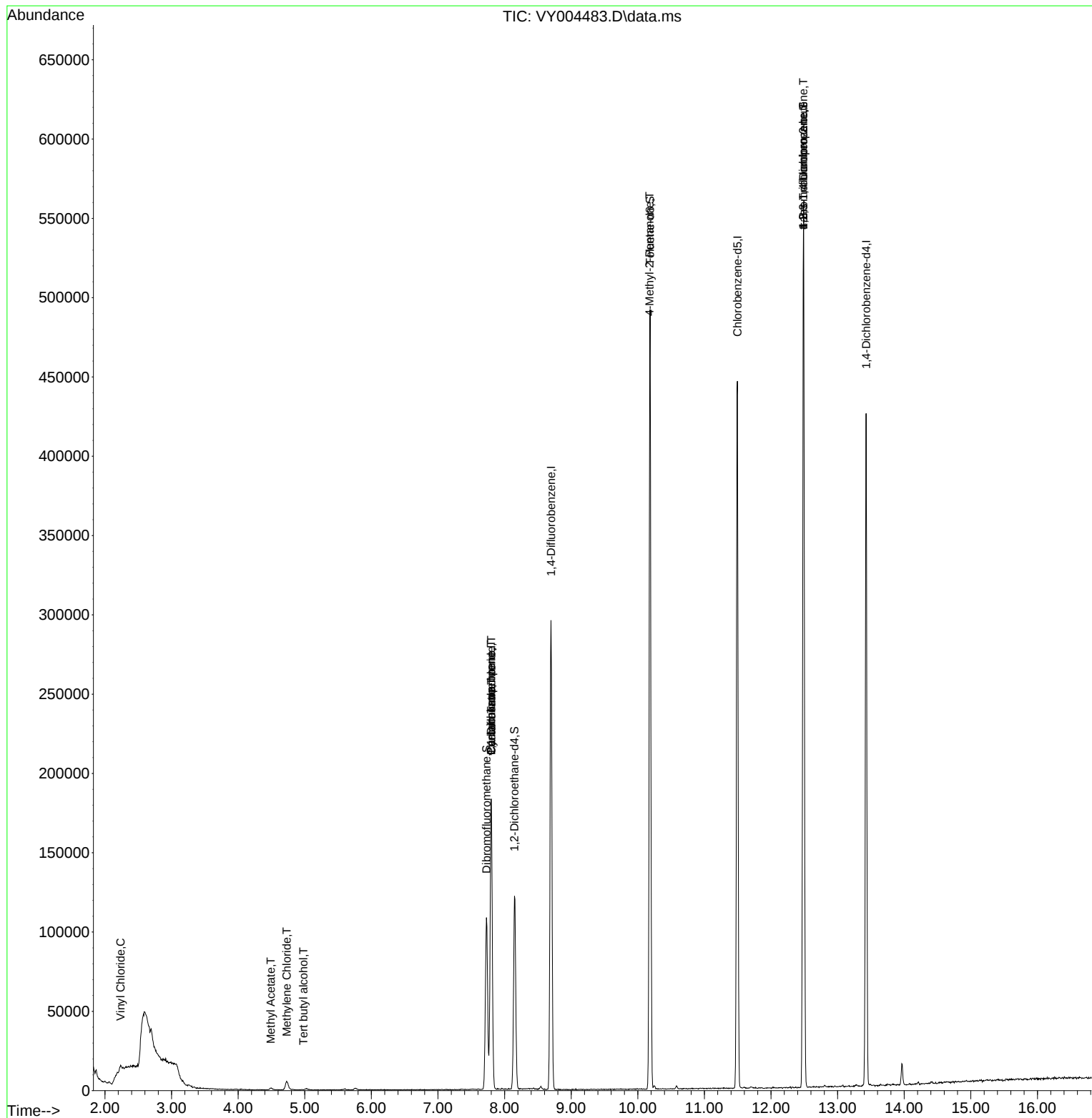
Internal Standards						
1) Pentafluorobenzene	7.801	168	141013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	246532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	232972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94322	60.20	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 120.40%		
35) Dibromofluoromethane	7.728	113	75885	55.47	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 110.94%		
50) Toluene-d8	10.185	98	305461	52.49	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 104.98%		
62) 4-Bromofluorobenzene	12.483	95	103498	52.41	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 104.82%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.235	62	8542	4.28	ug/l #	43
11) Tert butyl alcohol	4.978	59	178	1.15	ug/l #	73
16) Acetone	3.948	43	692	Below Cal	#	44
18) Methyl Acetate	4.491	43	2160	1.98	ug/l	99
20) Methylene Chloride	4.728	84	3844	2.54	ug/l	86
31) Cyclohexane	7.801	56	3555	1.24	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	11340	4.63	ug/l #	51
38) Carbon Tetrachloride	7.801	117	14218	6.71	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1737	1.13	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	59557	54.83	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59557	98.08	ug/l #	13

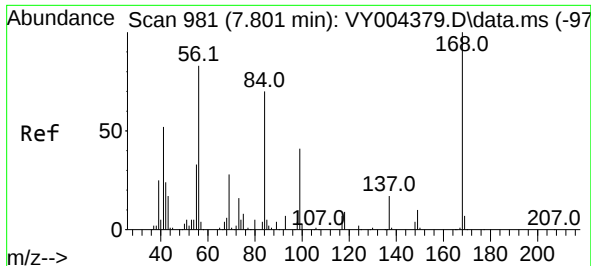
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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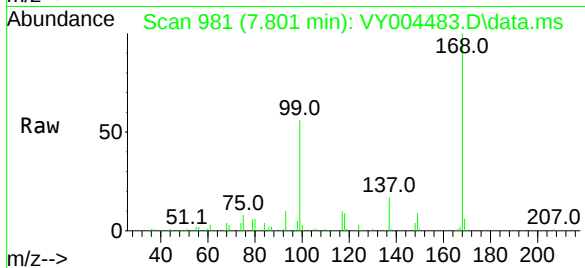
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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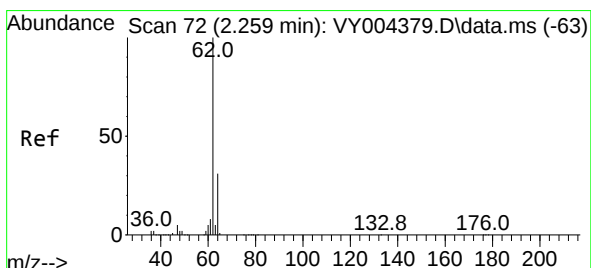
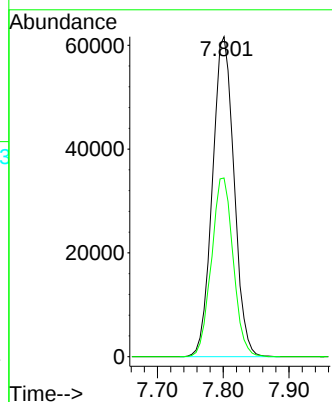
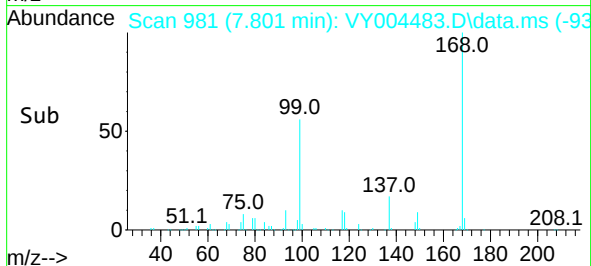


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

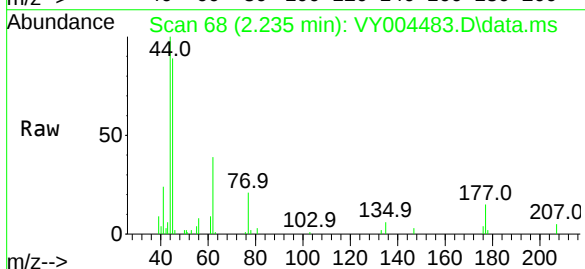
Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)



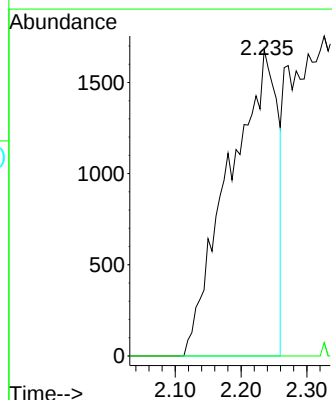
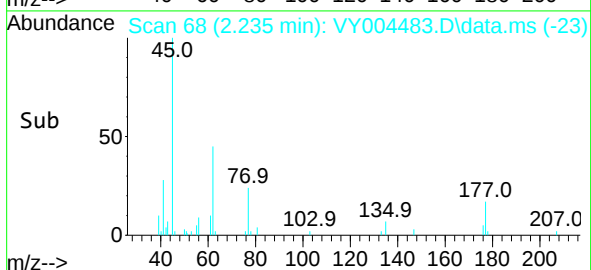
Tgt Ion:168 Resp: 141013
Ion Ratio Lower Upper
168 100
99 55.9 45.5 68.3

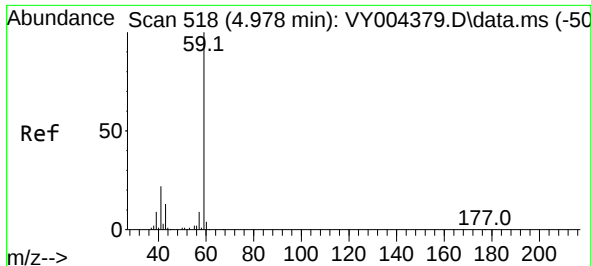


#4
Vinyl Chloride
Concen: 4.28 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24



Tgt Ion: 62 Resp: 8542
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

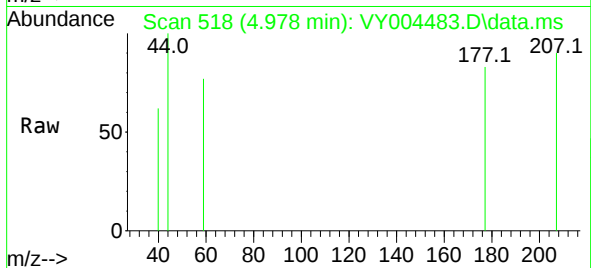




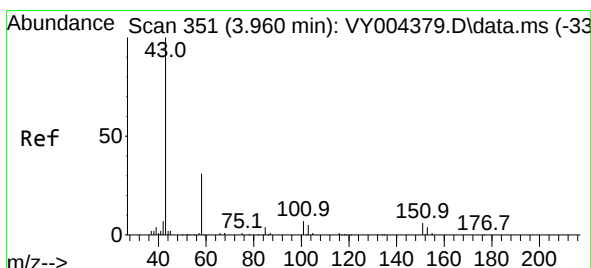
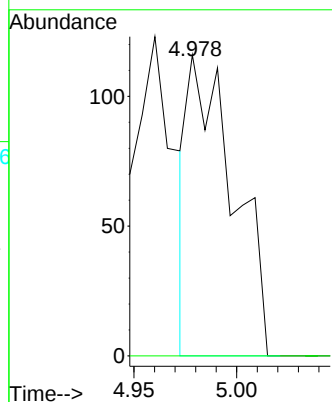
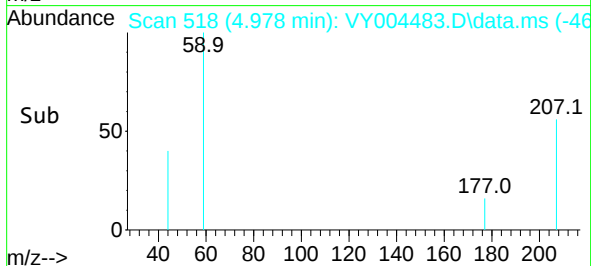
#11

Tert butyl alcohol
Concen: 1.15 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)

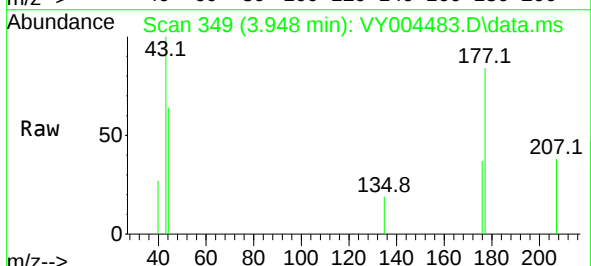


Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

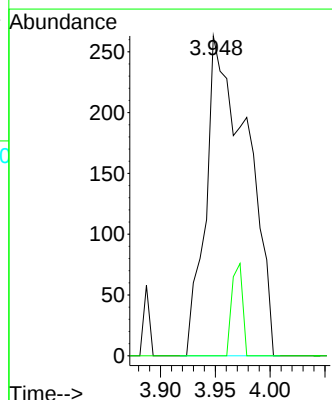
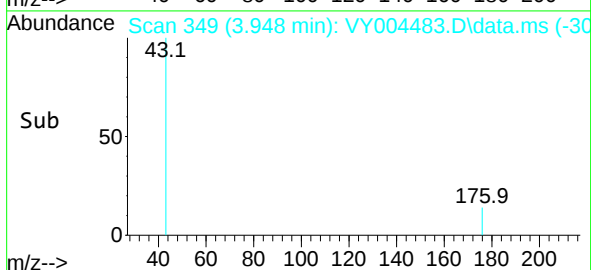


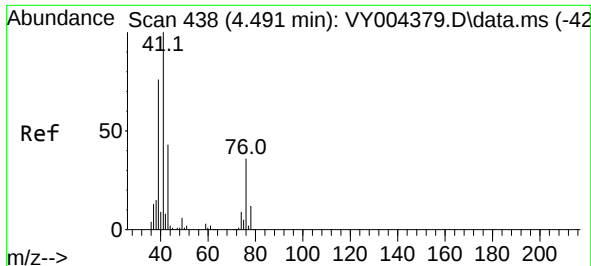
#16

Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24



Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#

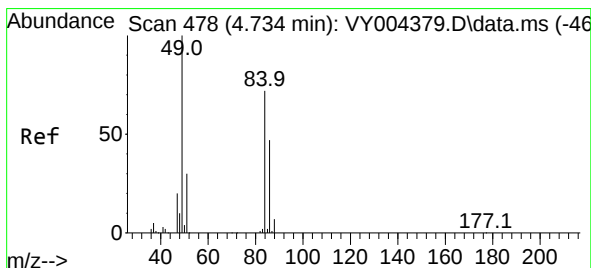
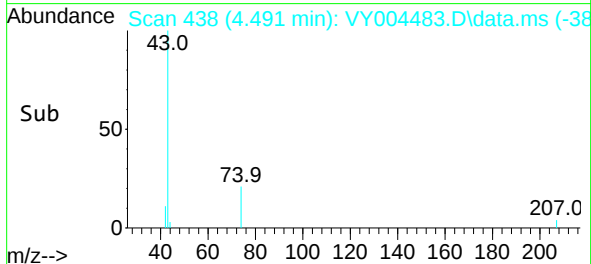
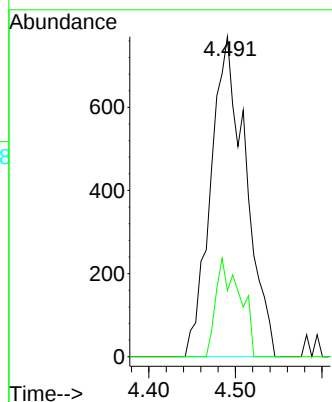
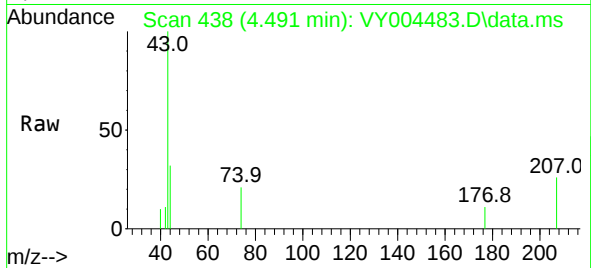




#18
Methyl Acetate
Concen: 1.98 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

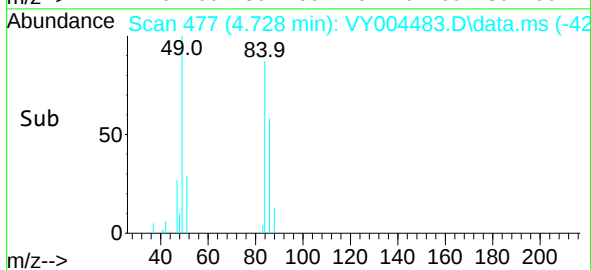
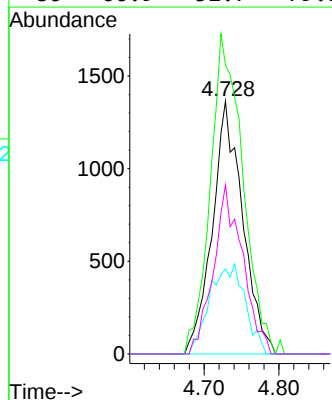
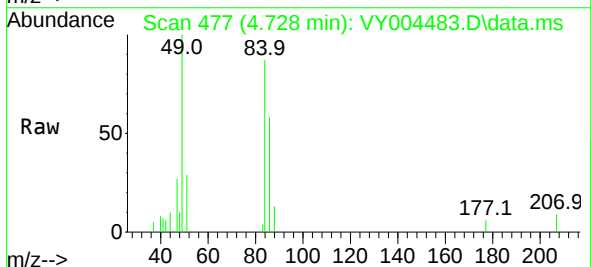
Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)

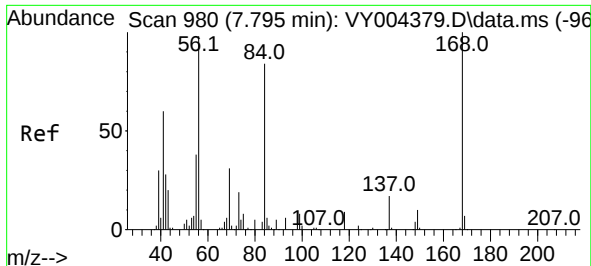
Tgt Ion: 43 Resp: 2160
Ion Ratio Lower Upper
43 100
74 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 2.54 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

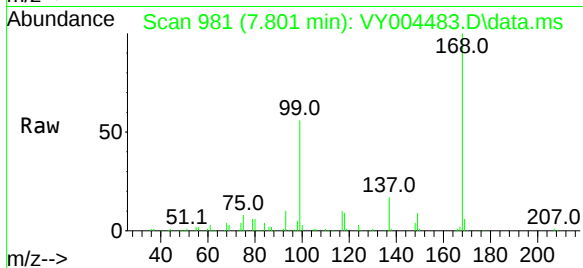
Tgt Ion: 84 Resp: 3844
Ion Ratio Lower Upper
84 100
49 114.3 111.2 166.8
51 33.6 33.4 50.2
86 66.9 52.7 79.1



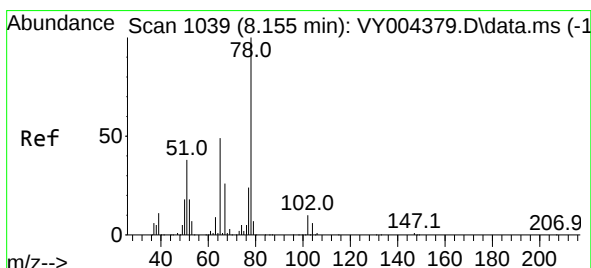
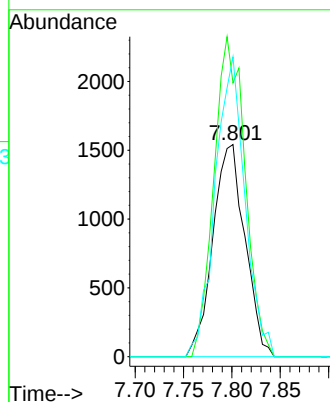
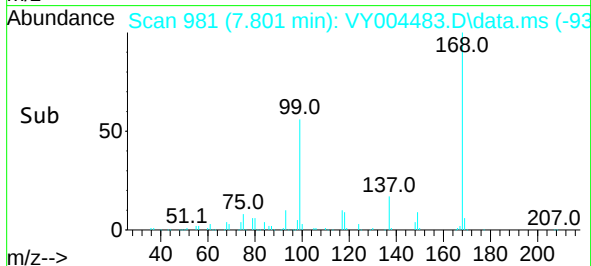


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

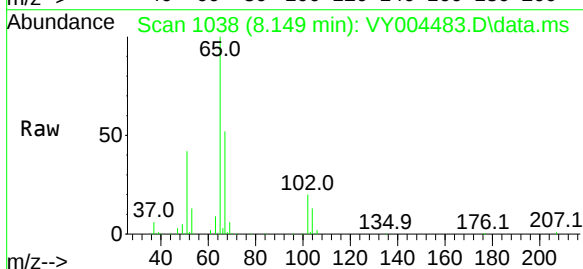
Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)



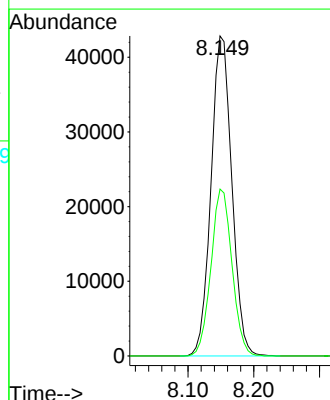
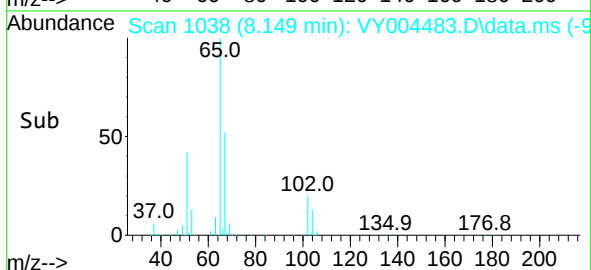
Tgt Ion: 56 Resp: 3555
Ion Ratio Lower Upper
56 100
69 129.1 25.8 38.6#
84 141.4 68.2 102.4#

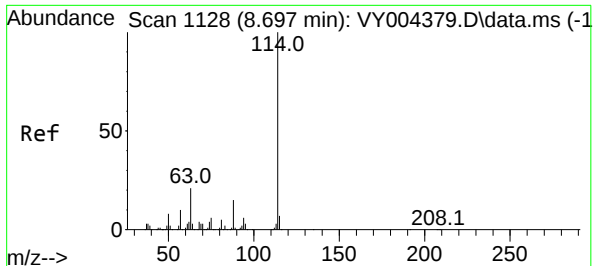


#33
1,2-Dichloroethane-d4
Concen: 60.20 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24



Tgt Ion: 65 Resp: 94322
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.4

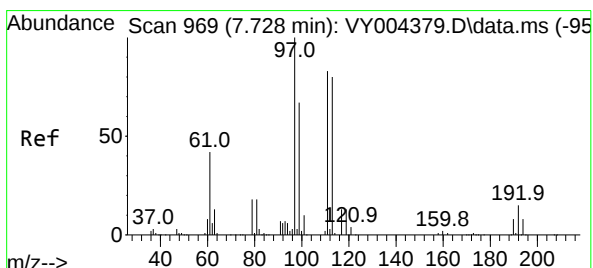
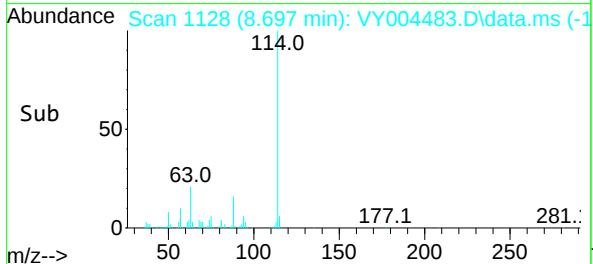
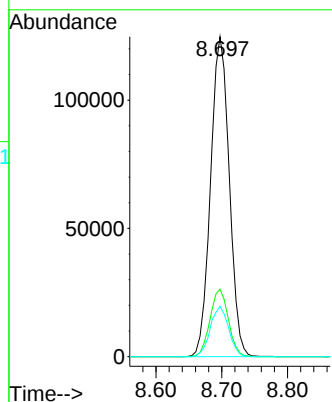
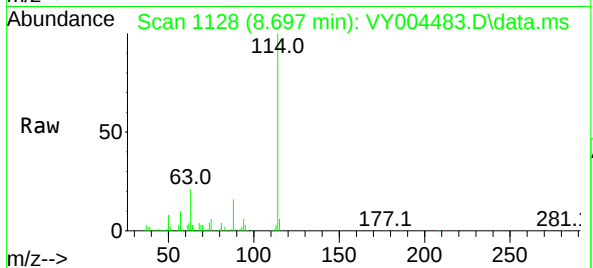




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

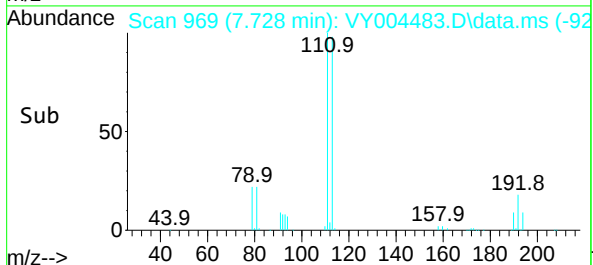
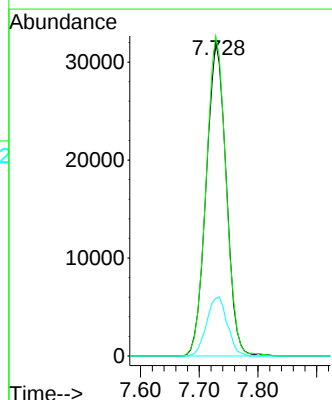
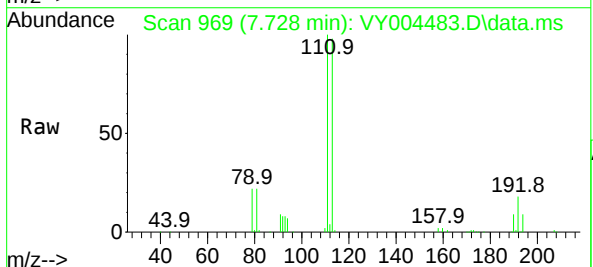
Instrument :
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ClientSampleId :
130-SB3-(1.5-2)

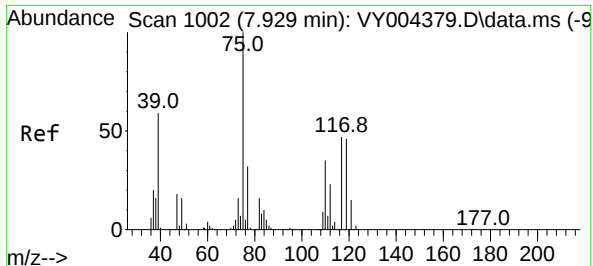
Tgt Ion:114 Resp: 246532
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.47 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

Tgt Ion:113 Resp: 75885
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 19.4 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.63 ug/l

RT: 7.795 min Scan# 980

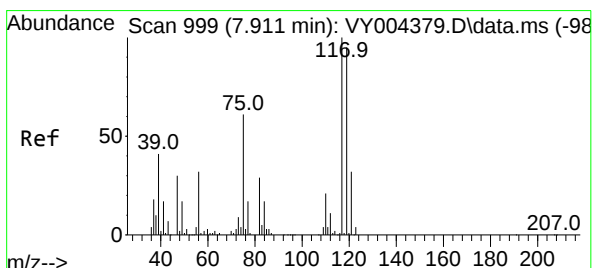
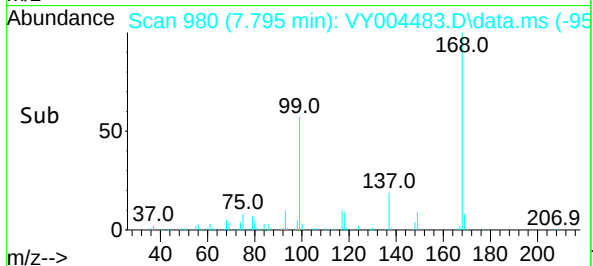
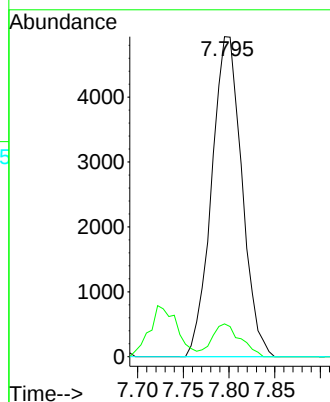
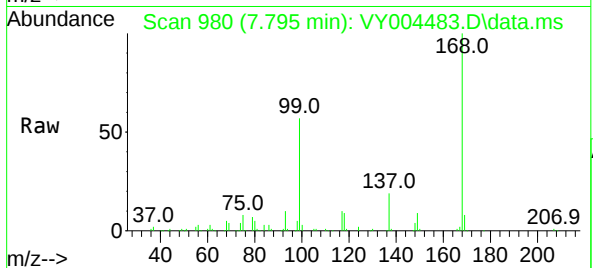
Delta R.T. -0.134 min

Lab File: VY004483.D

Acq: 16 Apr 2021 20:24

Tgt Ion:	75	Resp:	11340
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)



#38

Carbon Tetrachloride

Concen: 6.71 ug/l

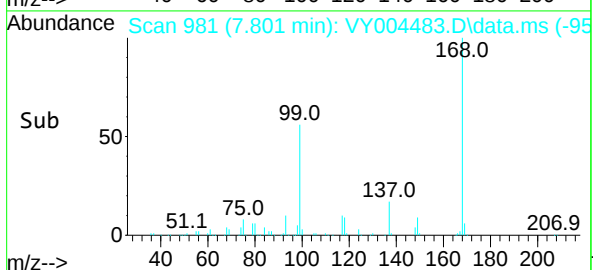
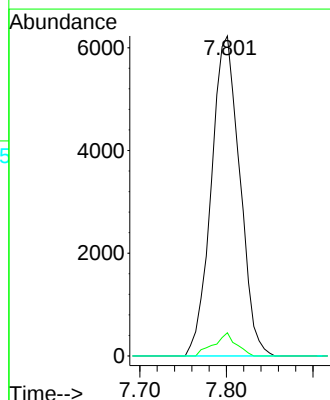
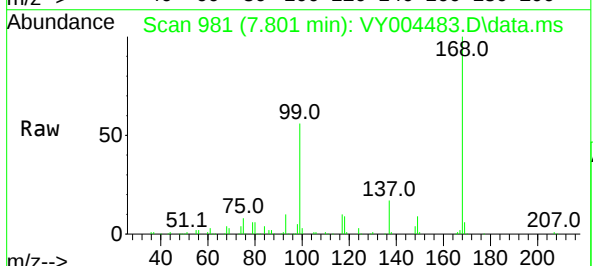
RT: 7.801 min Scan# 981

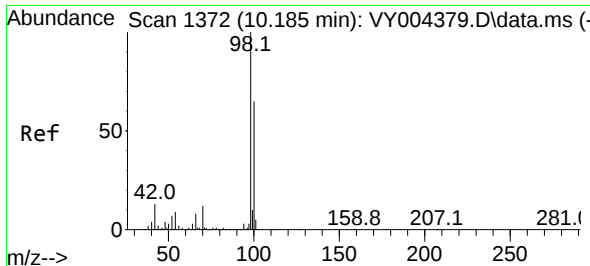
Delta R.T. -0.110 min

Lab File: VY004483.D

Acq: 16 Apr 2021 20:24

Tgt Ion:	117	Resp:	14218
Ion	Ratio	Lower	Upper
117	100		
119	7.3	75.8	113.8#
121	0.0	25.3	37.9#

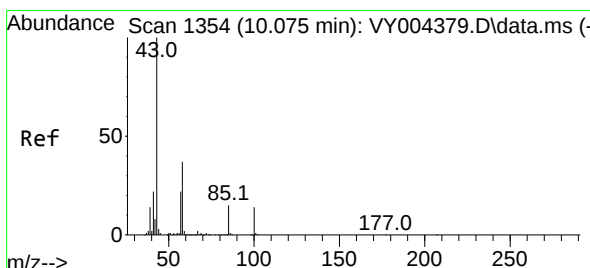
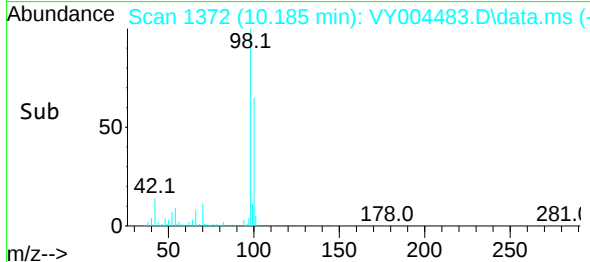
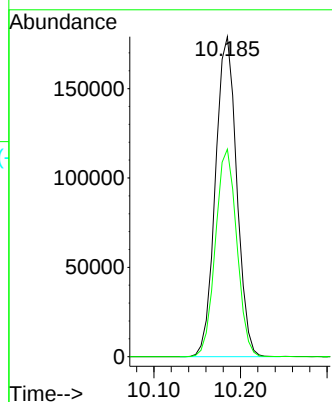
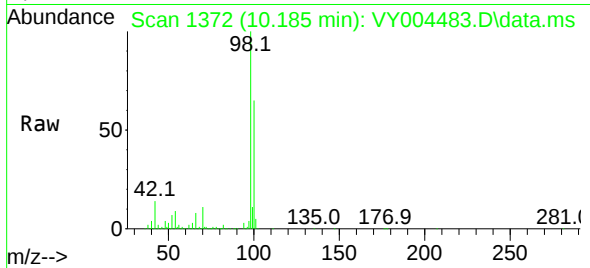




#50
Toluene-d8
Concen: 52.49 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

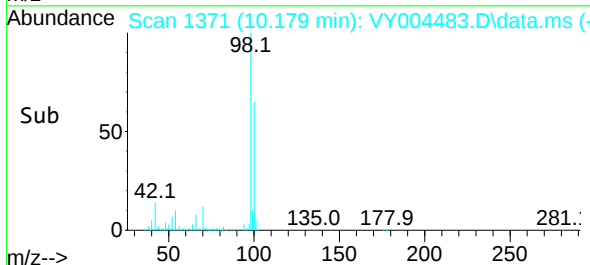
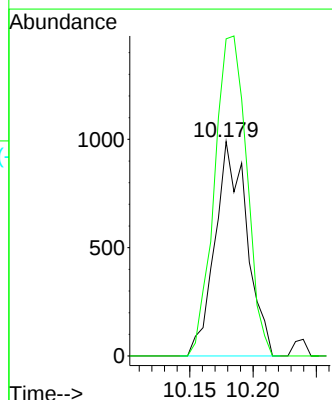
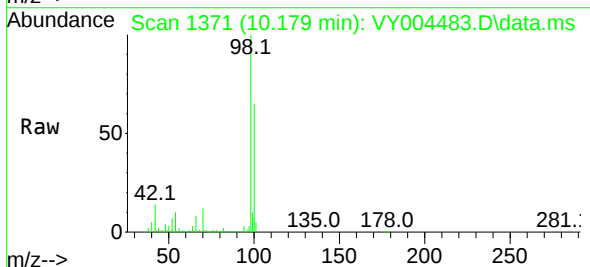
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130-SB3-(1.5-2)

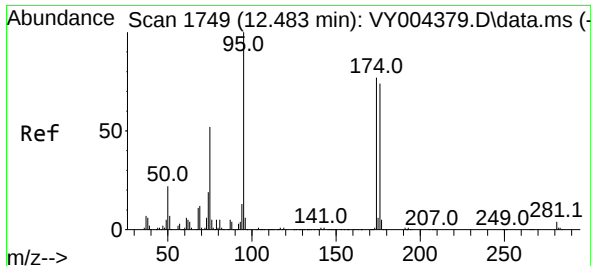
Tgt Ion: 98 Resp: 305461
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.13 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
58 151.1 29.2 43.8#

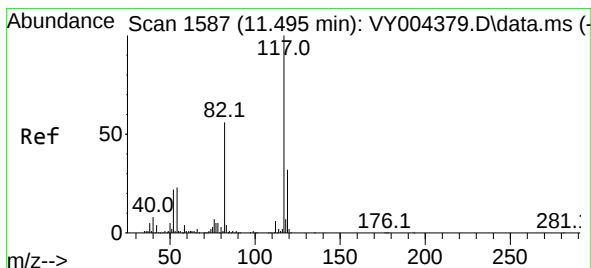
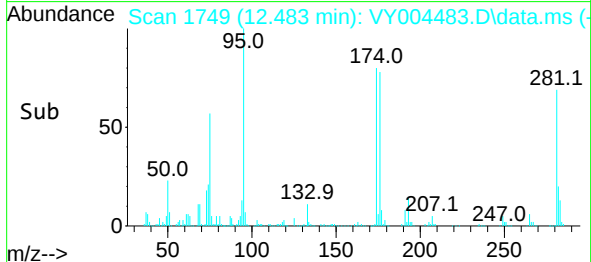
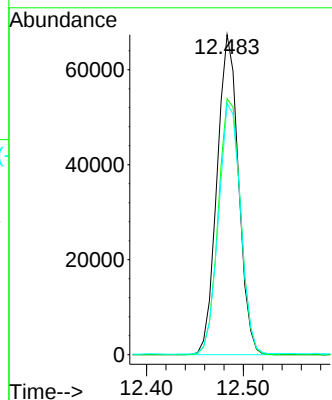
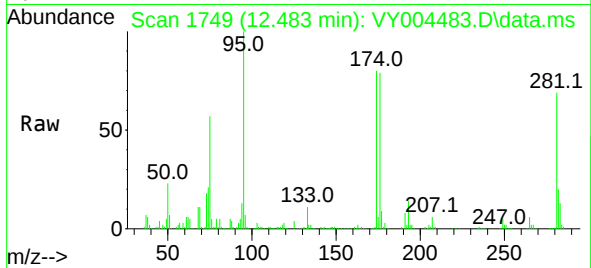




#62
4-Bromofluorobenzene
Concen: 52.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

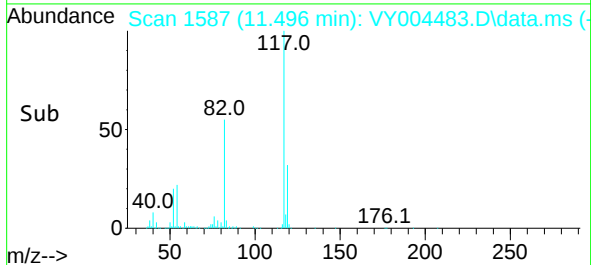
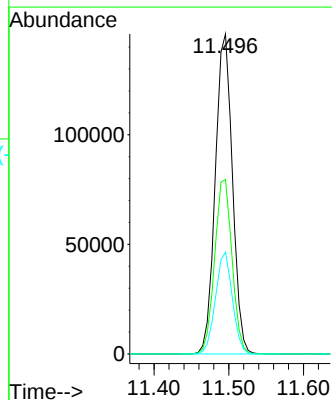
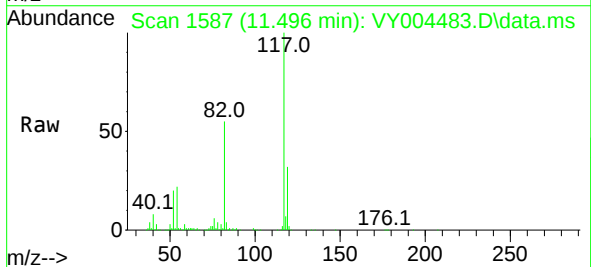
Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)

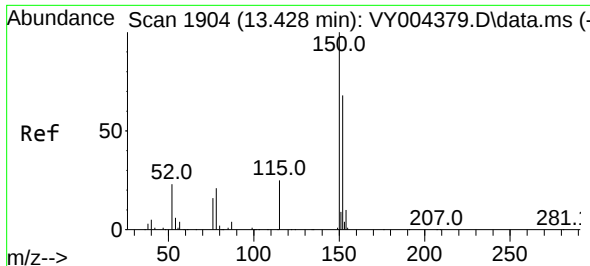
Tgt Ion: 95 Resp: 103498
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.4
176 80.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

Tgt Ion: 117 Resp: 232972
Ion Ratio Lower Upper
117 100
82 54.5 44.9 67.3
119 31.8 25.4 38.0

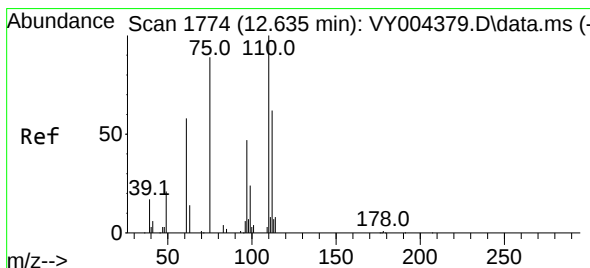
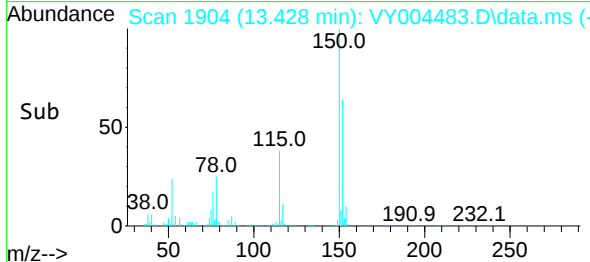
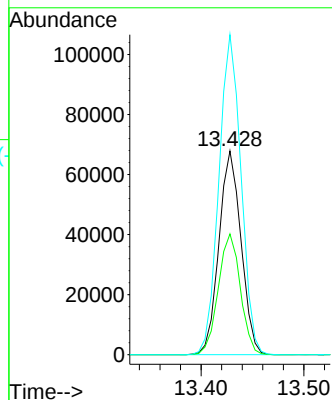
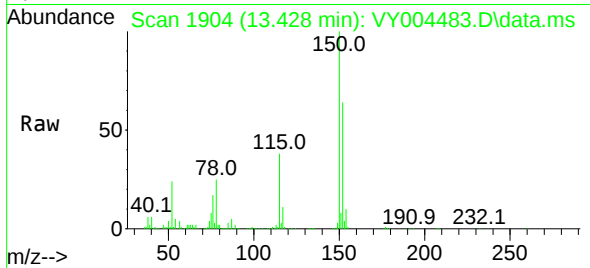




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

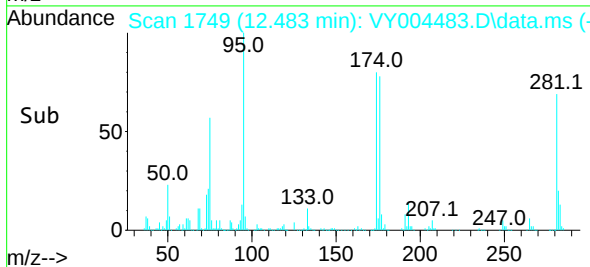
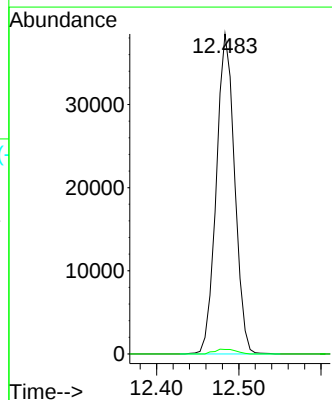
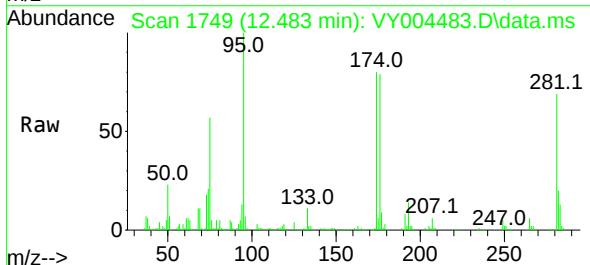
Instrument :
MSVOA_Y
ClientSampleId :
130-SB3-(1.5-2)

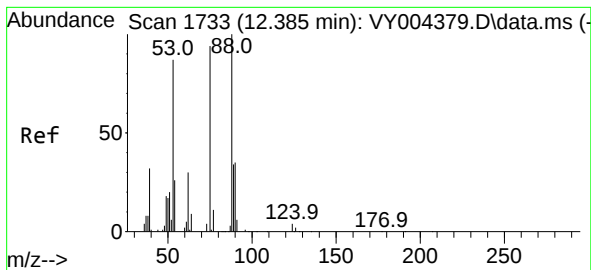
Tgt Ion:152 Resp: 101211
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.8
150 157.5 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 54.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004483.D
Acq: 16 Apr 2021 20:24

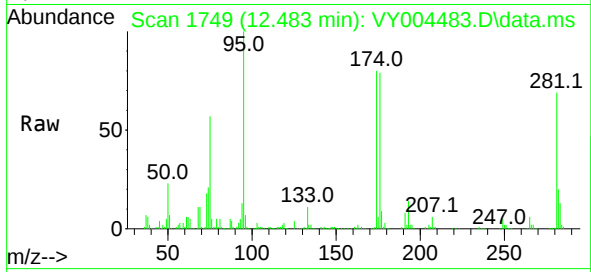
Tgt Ion: 75 Resp: 59557
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.08 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004483.D
 Acq: 16 Apr 2021 20:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 130-SB3-(1.5-2)



Tgt Ion: 75 Resp: 59557
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 1.8 36.1 54.1#

