

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004383.D
 Acq On : 12 Apr 2021 14:41
 Operator : SY/MD
 Sample : VY0412SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBL01

Quant Time: Apr 13 03:53:56 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)

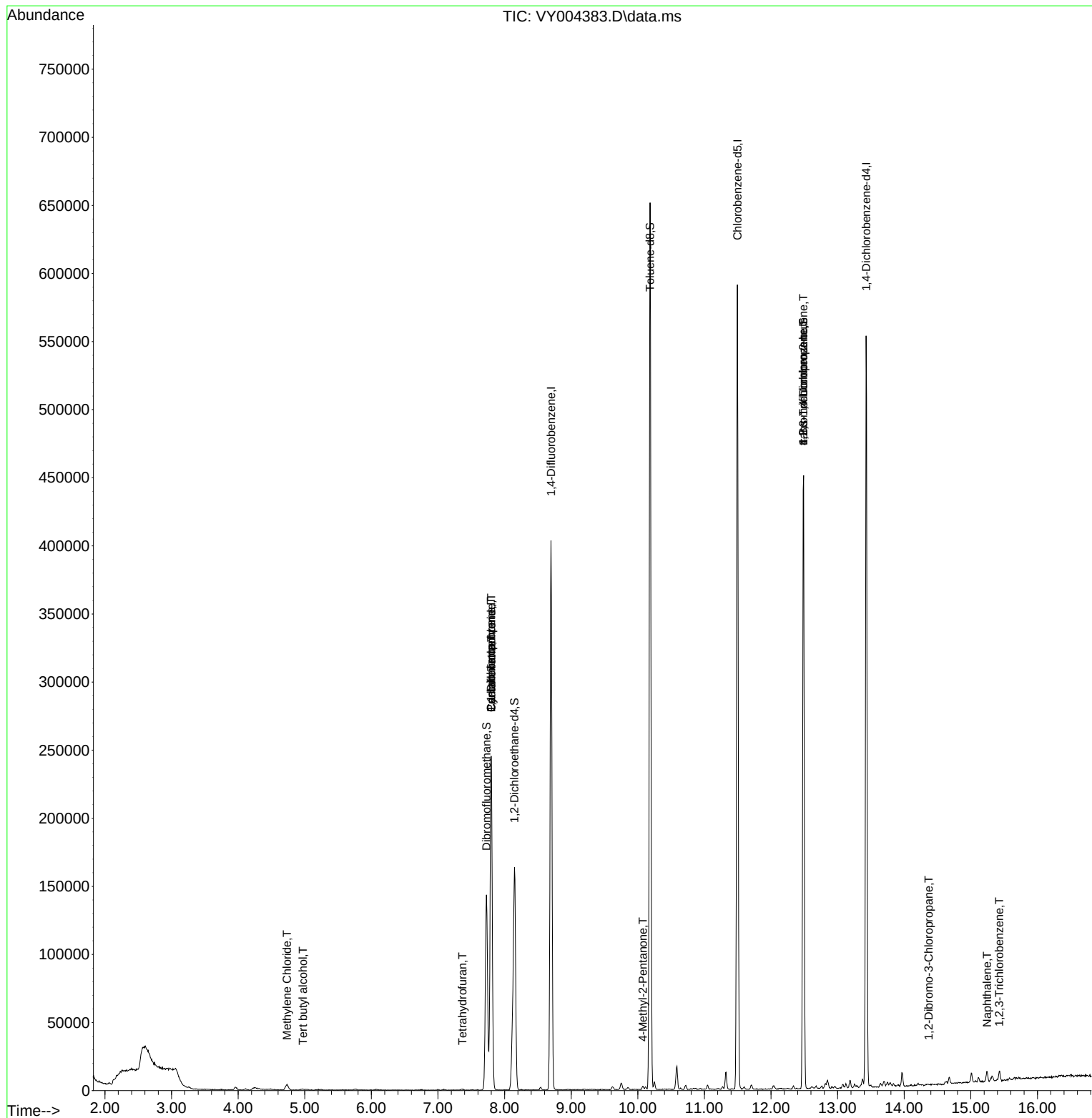
Internal Standards						
1) Pentafluorobenzene	7.801	168	191272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	301678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	114636	53.94	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.88%			
35) Dibromofluoromethane	7.728	113	98599	54.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.54%			
50) Toluene-d8	10.185	98	399374	51.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.36%			
62) 4-Bromofluorobenzene	12.483	95	132819	50.65	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.30%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	1501	7.17	ug/l #	73
16) Acetone	3.954	43	3640	Below Cal	#	80
20) Methylene Chloride	4.734	84	2867	1.40	ug/l #	77
29) Tetrahydrofuran	7.368	42	616	1.07	ug/l #	48
31) Cyclohexane	7.801	56	4599	1.18	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	15065	4.63	ug/l #	51
38) Carbon Tetrachloride	7.801	117	18981	6.75	ug/l #	15
51) 4-Methyl-2-Pentanone	10.075	43	2131	1.04	ug/l #	82
76) 1,2,3-Trichloropropane	12.483	75	74038	51.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74038	92.43	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.367	75	553	1.58	ug/l #	9
95) Naphthalene	15.245	128	5974	1.08	ug/l	97
96) 1,2,3-Trichlorobenzene	15.428	180	2280	1.02	ug/l	94

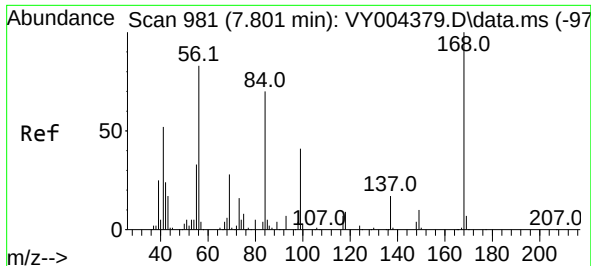
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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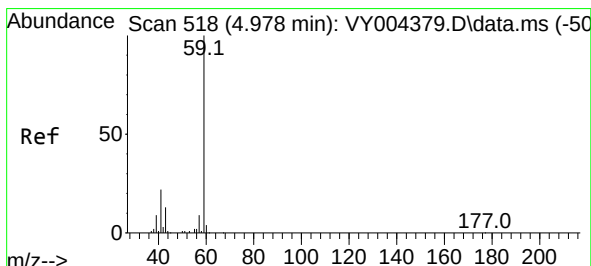
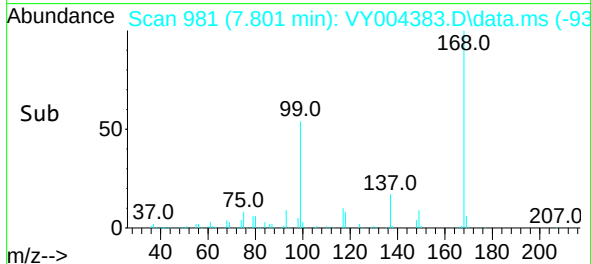
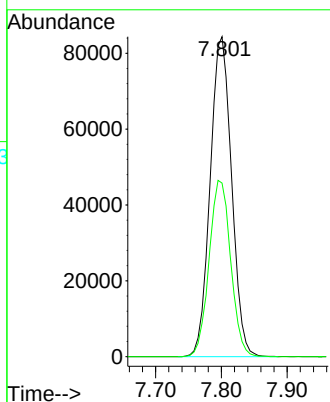
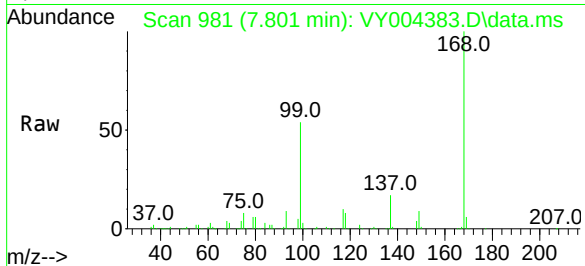




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

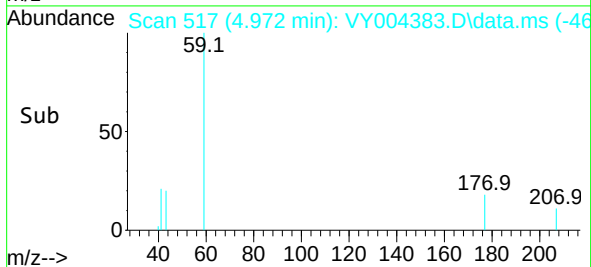
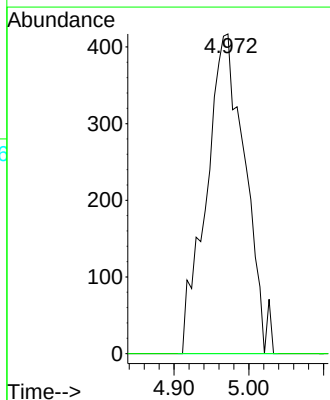
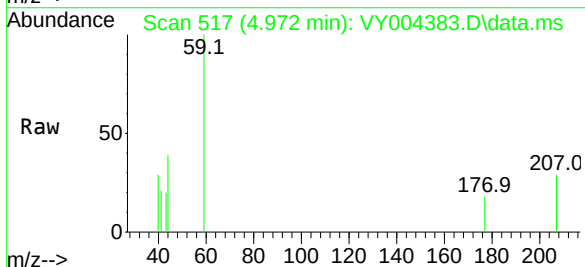
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

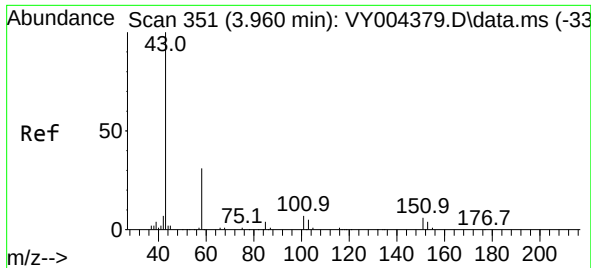
Tgt Ion:168 Resp: 191272
Ion Ratio Lower Upper
168 100
99 54.3 45.5 68.3



#11
Tert butyl alcohol
Concen: 7.17 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

Tgt Ion: 59 Resp: 1501
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

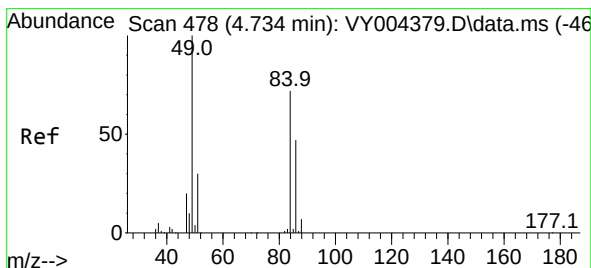
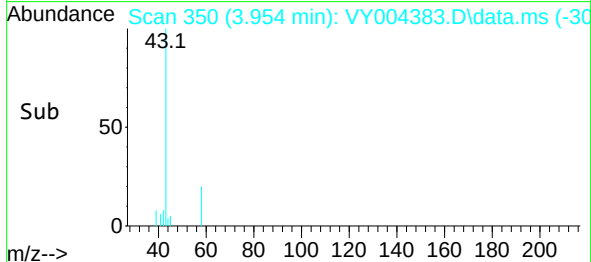
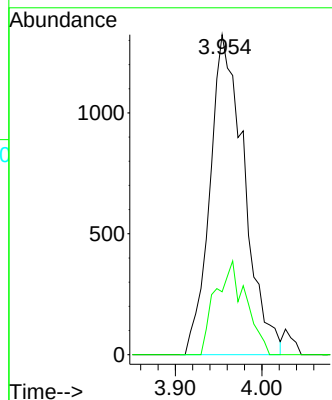
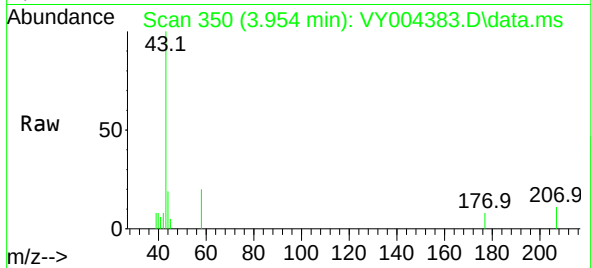




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

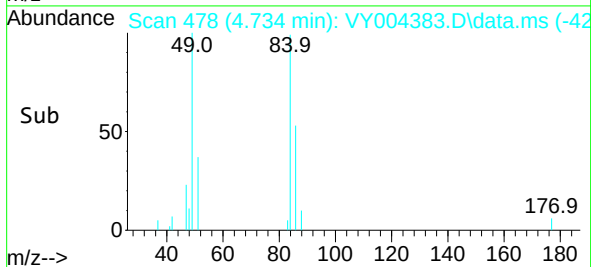
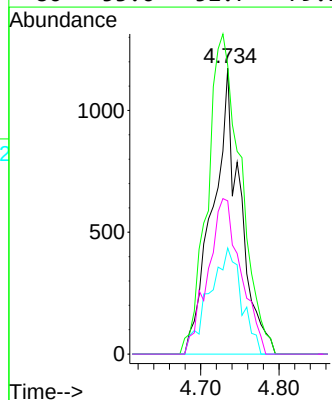
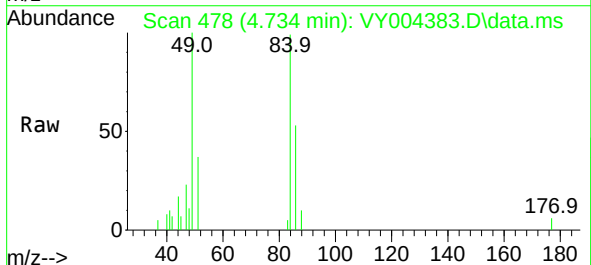
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

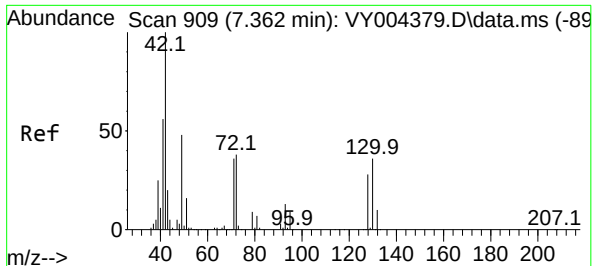
Tgt Ion: 43 Resp: 3640
Ion Ratio Lower Upper
43 100
58 19.6 24.6 37.0#



#20
Methylene Chloride
Concen: 1.40 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

Tgt Ion: 84 Resp: 2867
Ion Ratio Lower Upper
84 100
49 101.0 111.2 166.8#
51 37.1 33.4 50.2
86 53.6 52.7 79.1





#29

Tetrahydrofuran

Concen: 1.07 ug/l

RT: 7.368 min Scan# 910

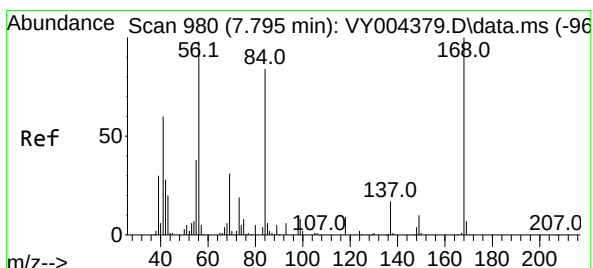
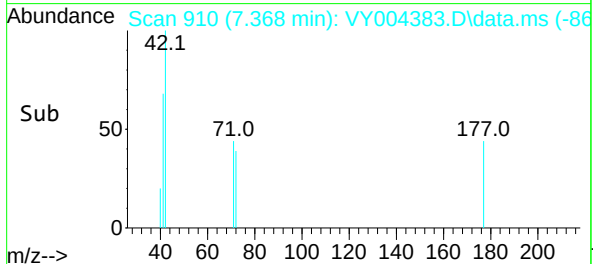
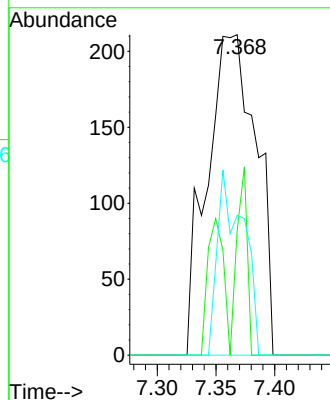
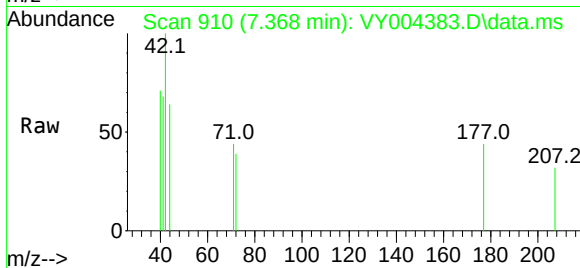
Delta R.T. 0.006 min

Lab File: VY004383.D

Acq: 12 Apr 2021 14:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

Tgt Ion:	42	Resp:	616
Ion Ratio	Lower	Upper	
42	100		
72	12.2	31.0	46.4#
71	0.0	28.8	43.2#



#31

Cyclohexane

Concen: 1.18 ug/l

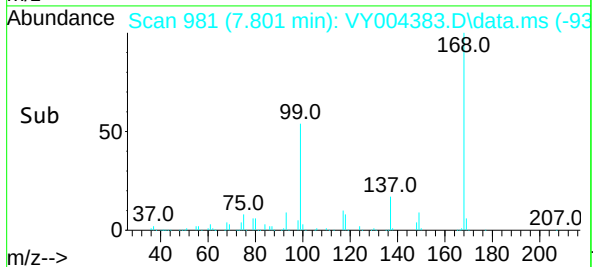
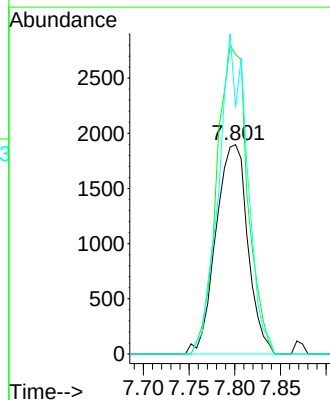
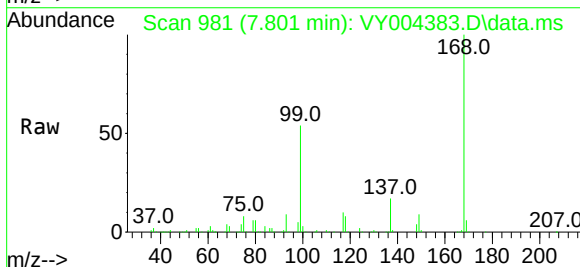
RT: 7.801 min Scan# 981

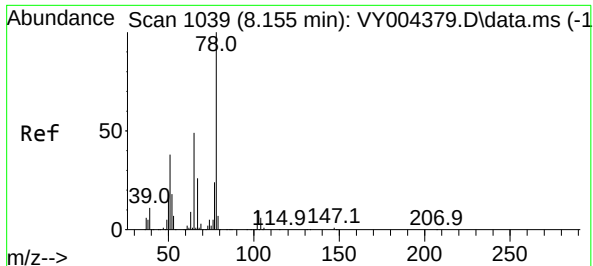
Delta R.T. 0.006 min

Lab File: VY004383.D

Acq: 12 Apr 2021 14:41

Tgt Ion:	56	Resp:	4599
Ion Ratio	Lower	Upper	
56	100		
69	143.1	25.8	38.6#
84	117.8	68.2	102.4#

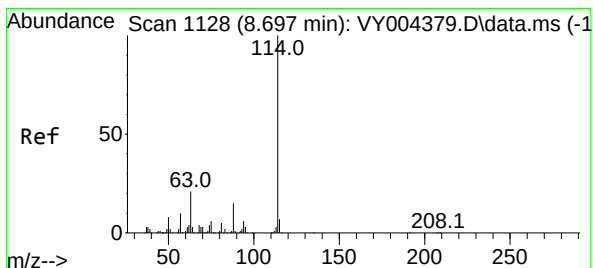
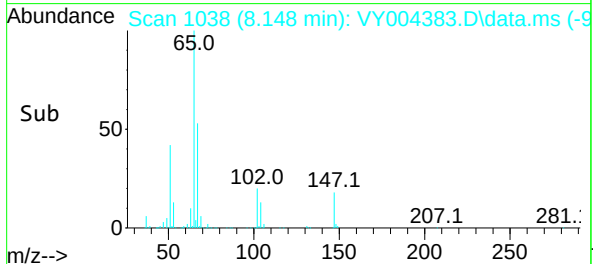
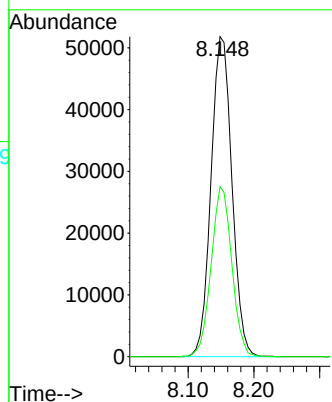
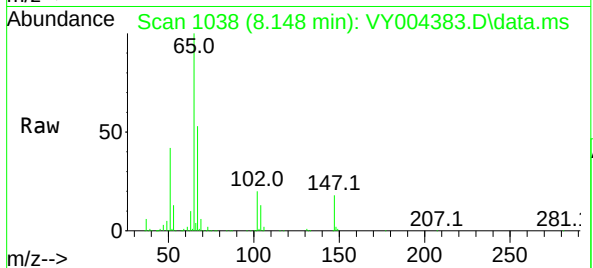




#33
1,2-Dichloroethane-d4
Concen: 53.94 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

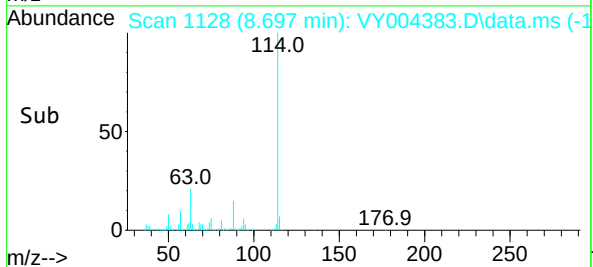
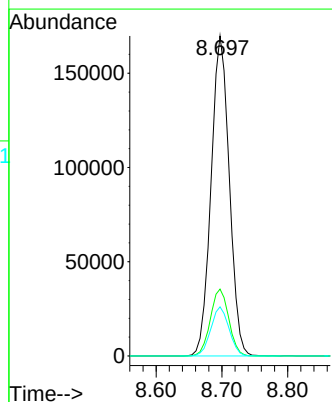
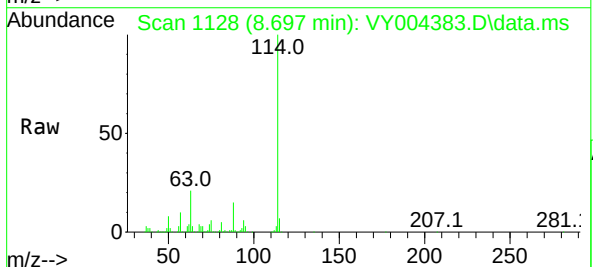
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

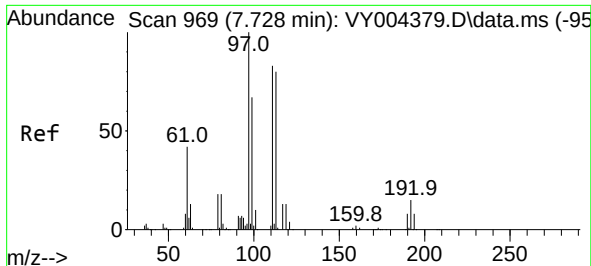
Tgt Ion: 65 Resp: 114636
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

Tgt Ion: 114 Resp: 327374
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.3 0.0 30.8

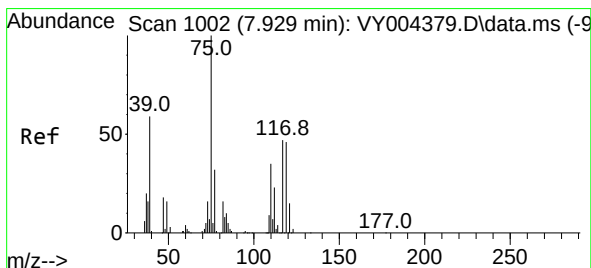
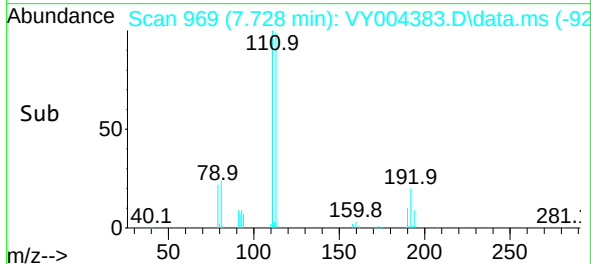
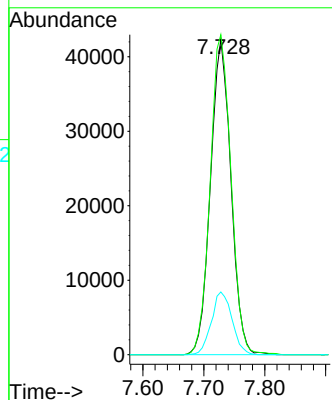
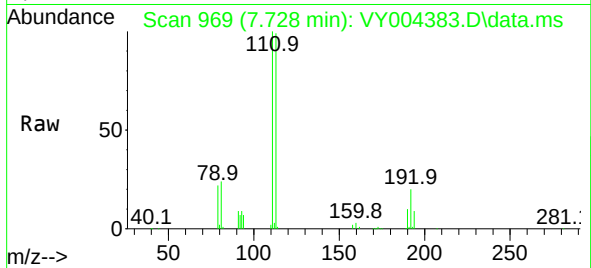




#35
Dibromofluoromethane
Concen: 54.27 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

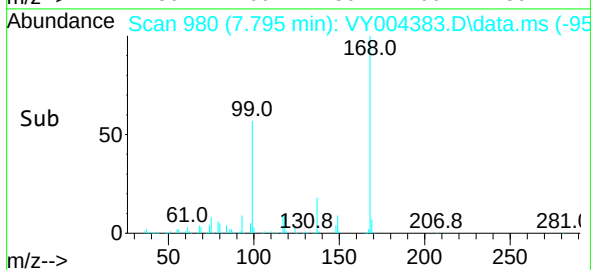
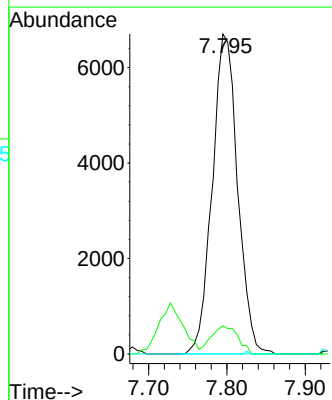
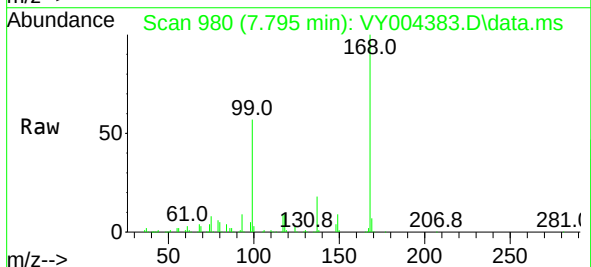
Instrument :
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ClientSampleId :
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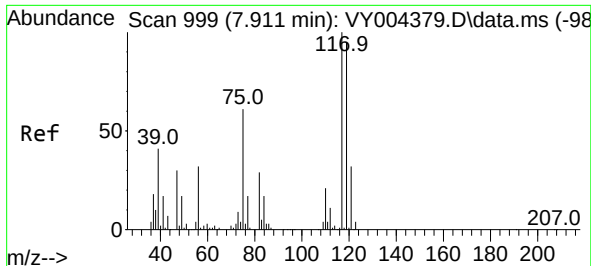
Tgt Ion:113 Resp: 98599
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 20.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

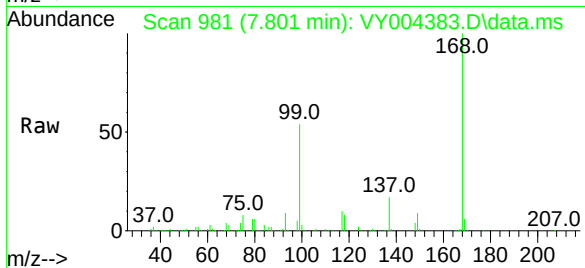
Tgt Ion: 75 Resp: 15065
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.7#
77 0.0 24.3 36.5#



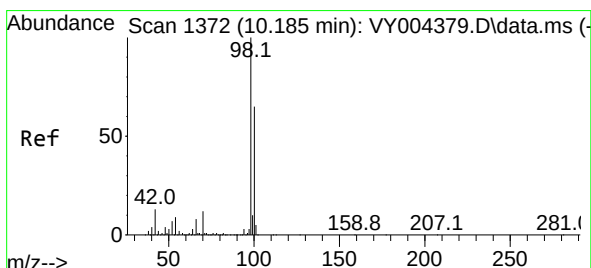
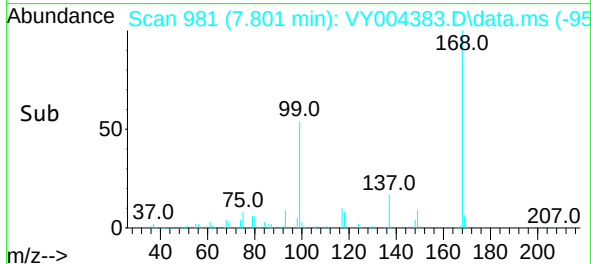
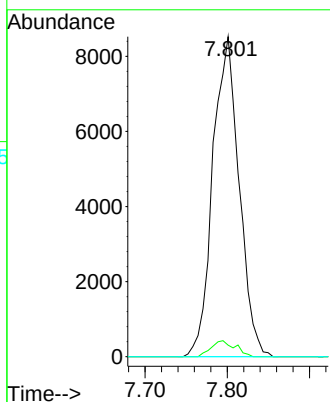


#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

Instrument :
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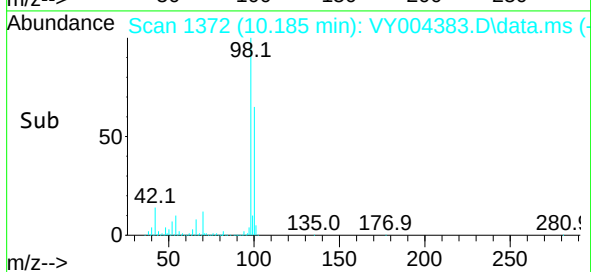
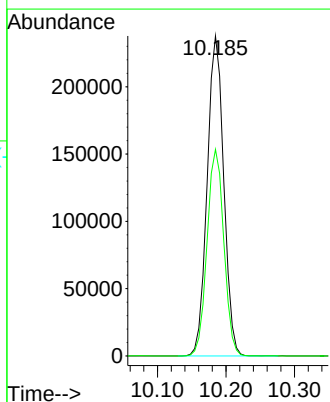
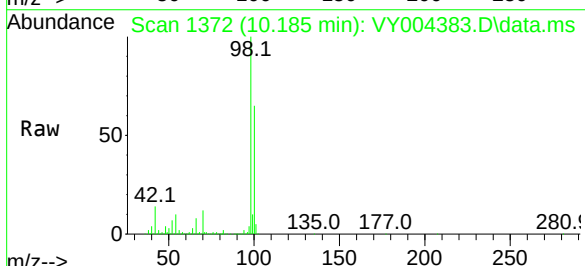


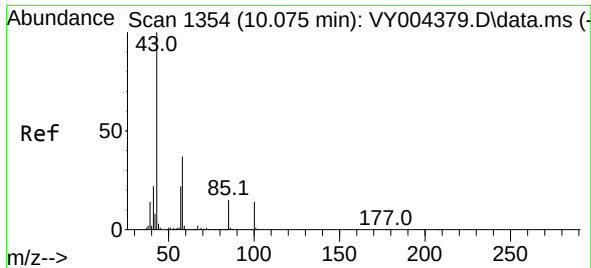
Tgt Ion:117 Resp: 18981
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.68 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

Tgt Ion: 98 Resp: 399374
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

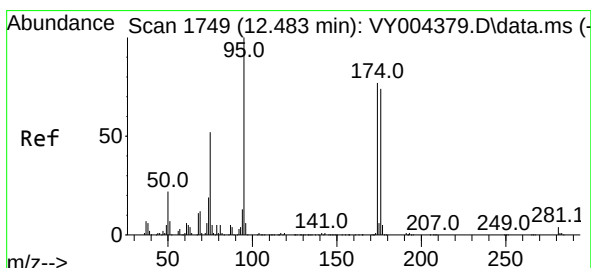
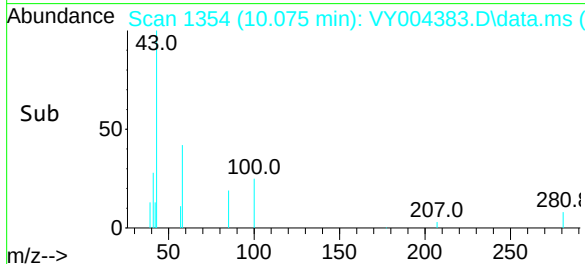
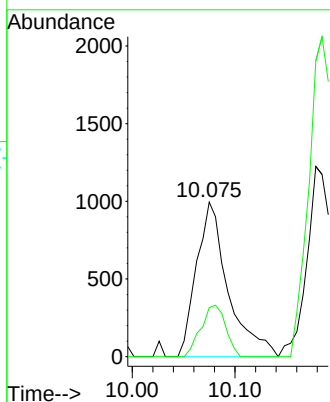
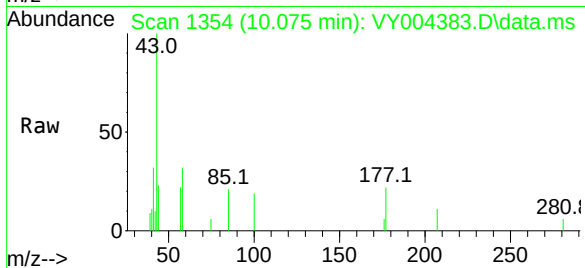




#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

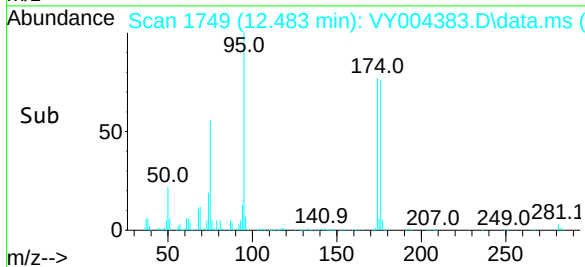
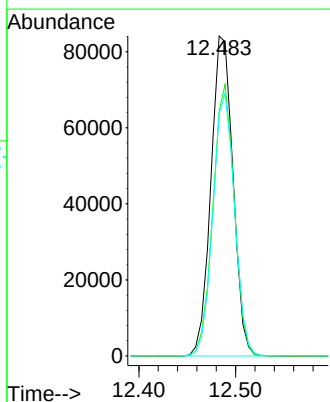
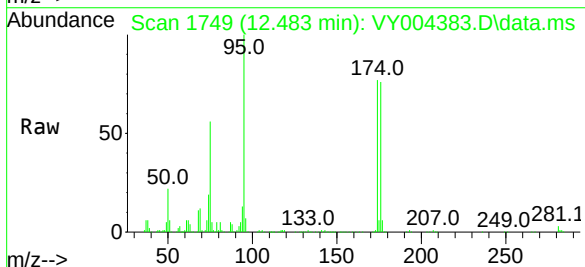
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

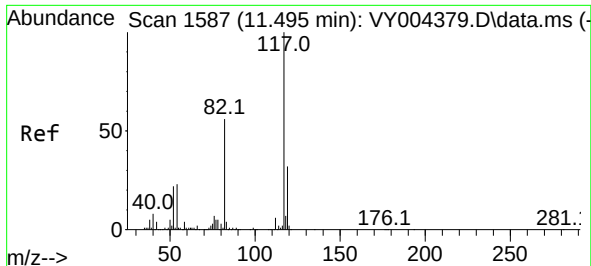
Tgt Ion: 43 Resp: 2131
Ion Ratio Lower Upper
43 100
58 26.0 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 50.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

Tgt Ion: 95 Resp: 132819
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 80.6 0.0 156.0

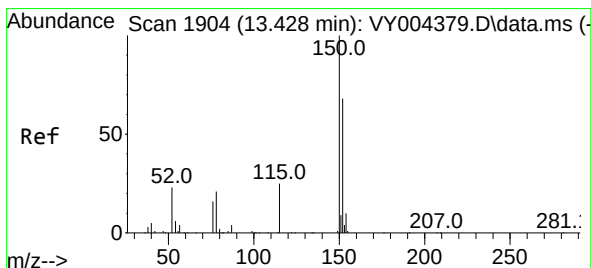
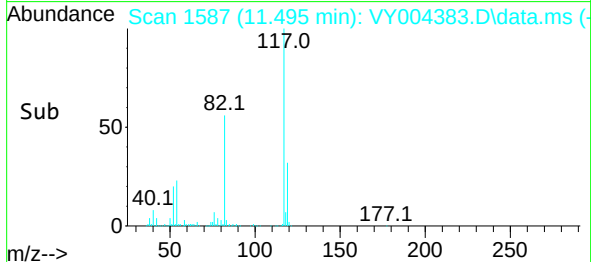
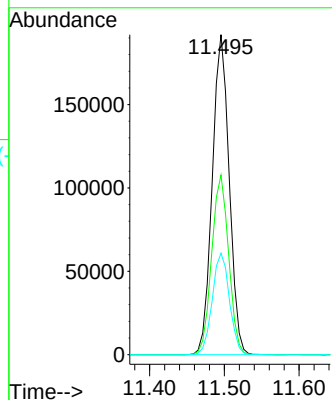
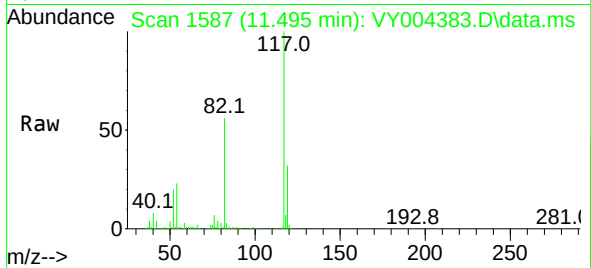




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

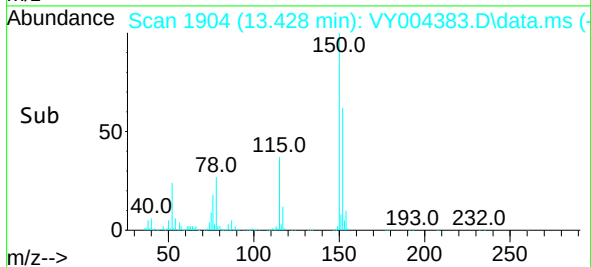
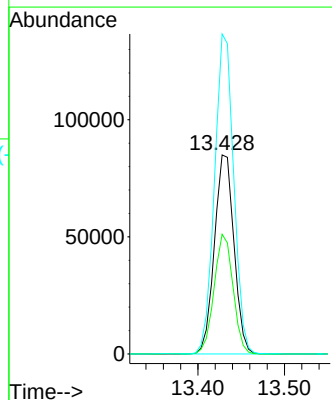
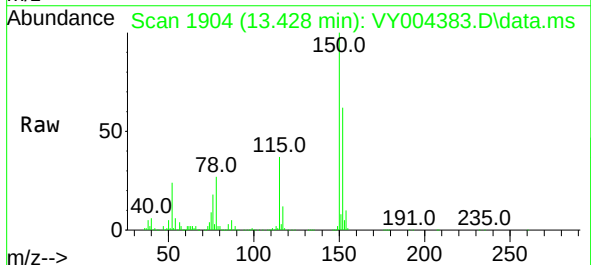
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

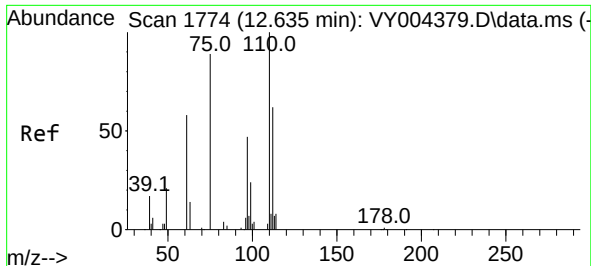
Tgt Ion:117 Resp: 301678
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

Tgt Ion:152 Resp: 133505
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 157.5 0.0 348.4

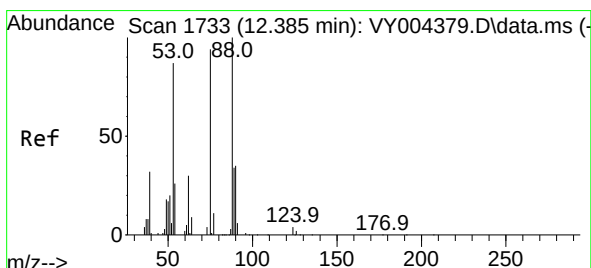
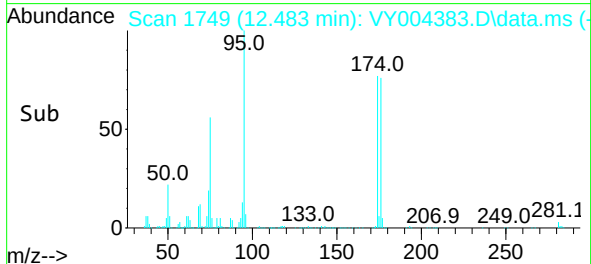
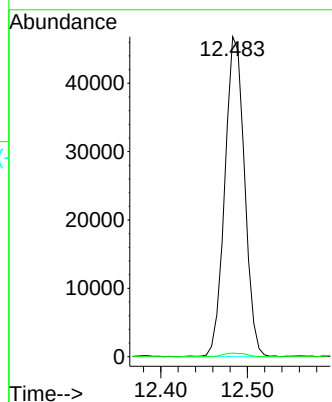
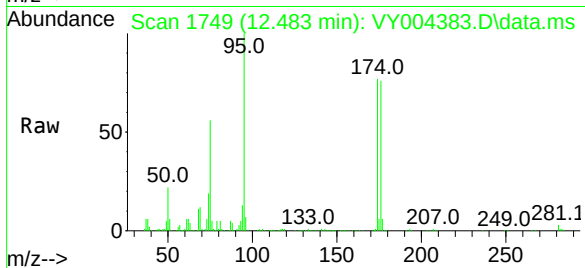




#76
1,2,3-Trichloropropane
Concen: 51.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

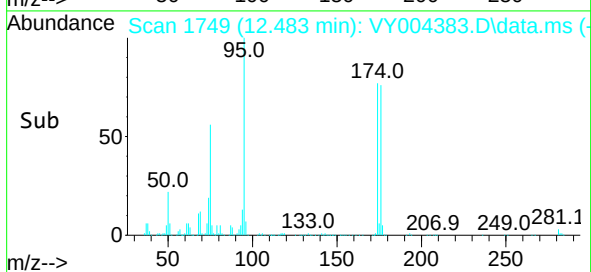
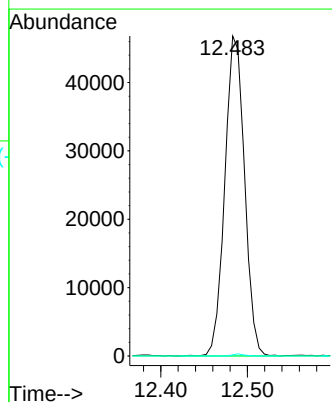
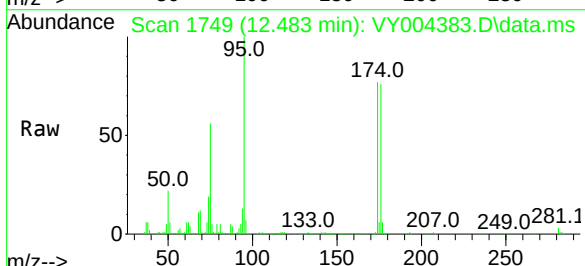
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

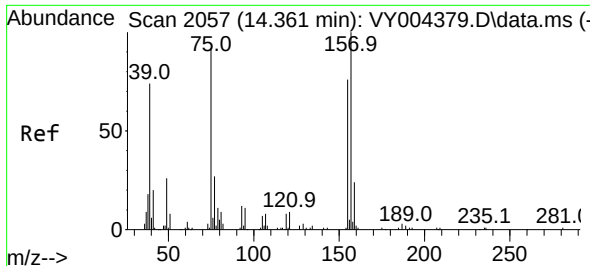
Tgt Ion: 75 Resp: 74038
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.43 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

Tgt Ion: 75 Resp: 74038
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.4 36.1 54.1#

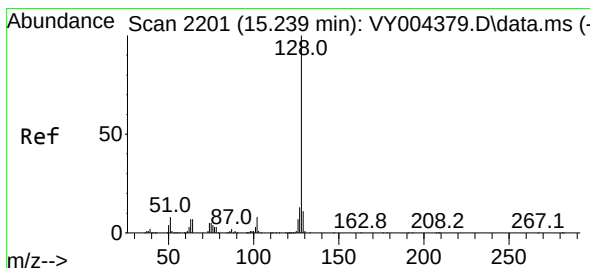
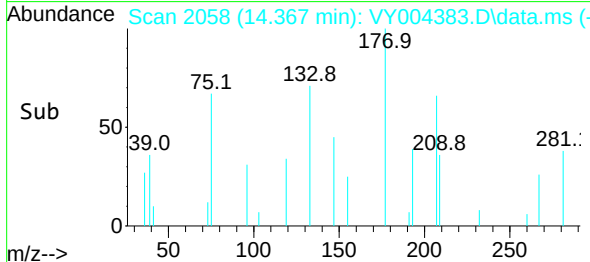
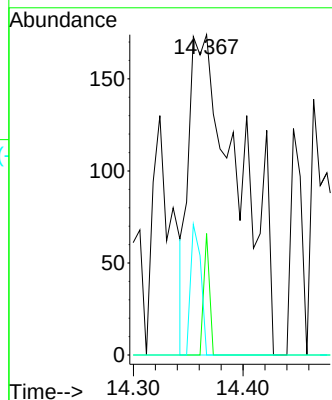
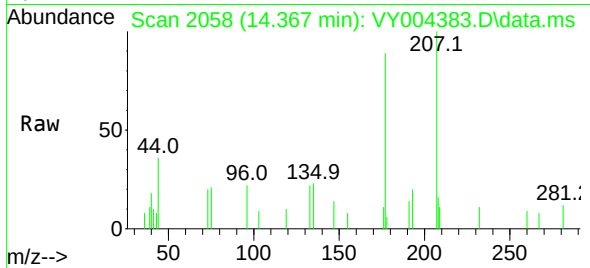




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.58 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

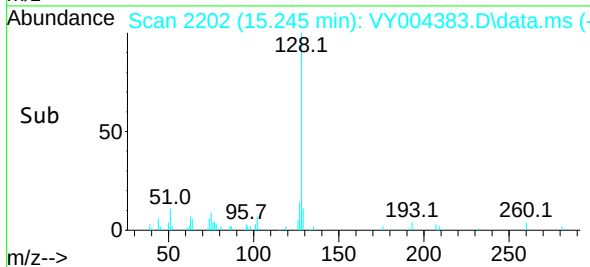
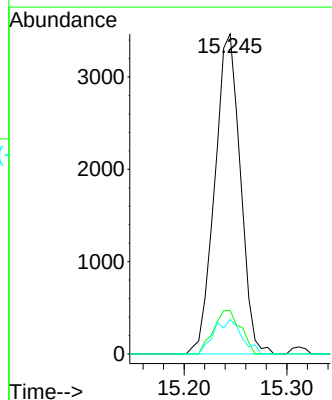
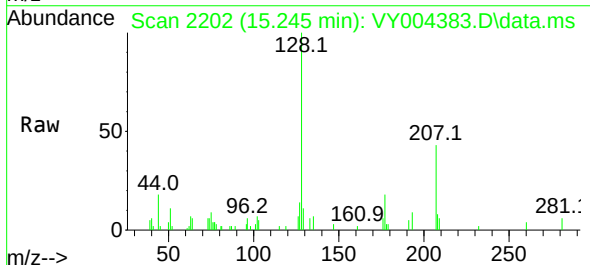
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

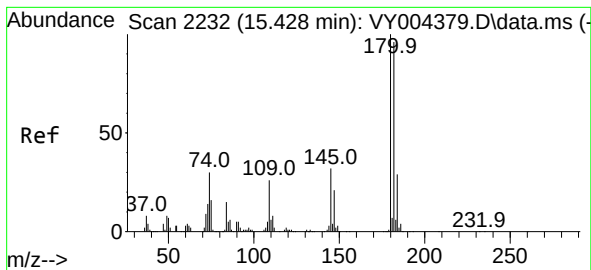
Tgt Ion: 75 Resp: 553
Ion Ratio Lower Upper
75 100
155 4.3 40.6 121.8#
157 8.3 53.0 159.0#



#95
Naphthalene
Concen: 1.08 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY004383.D
Acq: 12 Apr 2021 14:41

Tgt Ion: 128 Resp: 5974
Ion Ratio Lower Upper
128 100
127 14.4 10.2 15.2
129 11.7 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.02 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: VY004383.D
 Acq: 12 Apr 2021 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBL01

Tgt Ion:180 Resp: 2280
 Ion Ratio Lower Upper
 180 100
 182 88.9 47.6 142.8
 145 29.3 16.3 48.8

