

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003960.D
 Acq On : 03 Feb 2021 15:18
 Operator : SY/MD
 Sample : VY0203SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBL01

Quant Time: Feb 04 01:19:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

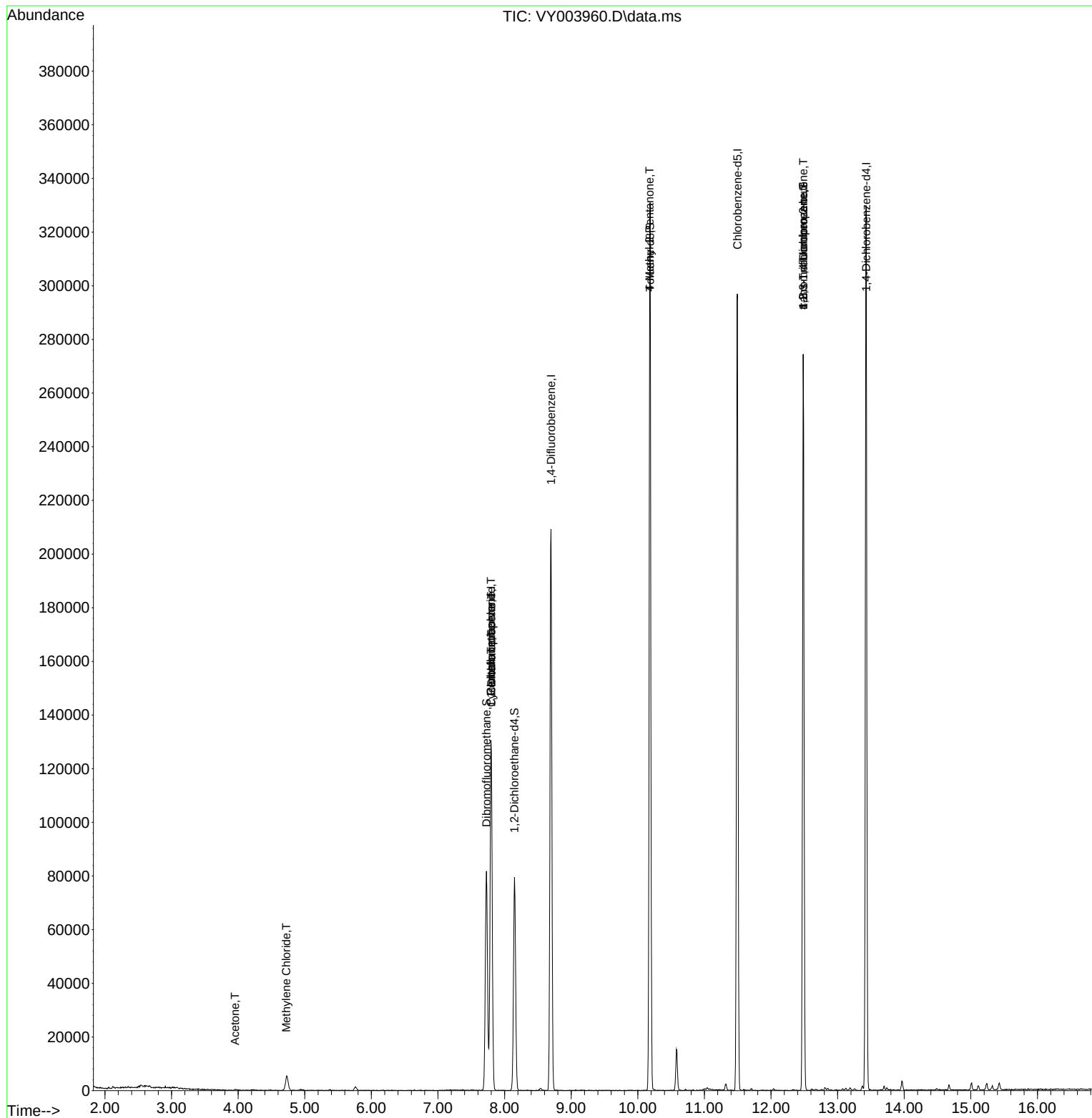
Internal Standards						
1) Pentafluorobenzene	7.795	168	105505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	65242	56.24	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.48%			
35) Dibromofluoromethane	7.728	113	56250	55.48	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.96%			
50) Toluene-d8	10.185	98	210616	52.93	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.86%			
62) 4-Bromofluorobenzene	12.483	95	75934	52.35	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.70%			
Target Compounds						
11) Tert butyl alcohol	4.966	59	89	Below Cal	#	77
16) Acetone	3.954	43	295	1.04	ug/l #	82
20) Methylene Chloride	4.722	84	3931	3.25	ug/l #	82
31) Cyclohexane	7.801	56	1997	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7798	4.45	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9587	5.06	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1036	1.05	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	40861	48.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40861	92.42	ug/l #	11

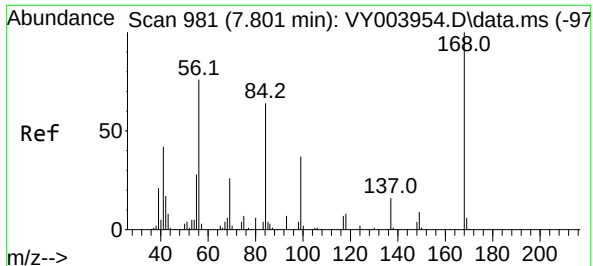
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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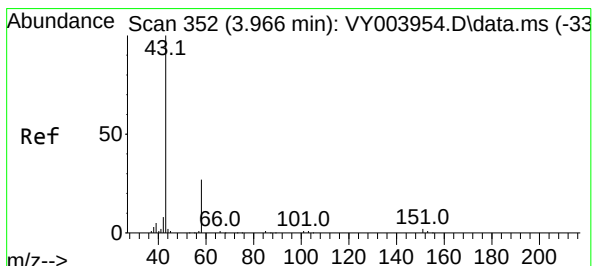
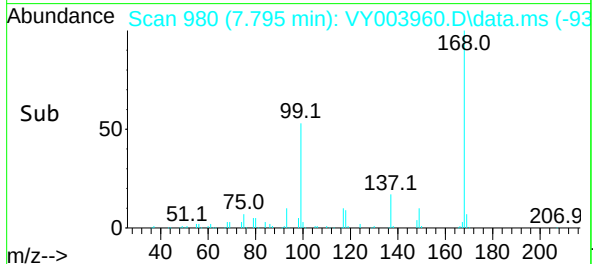
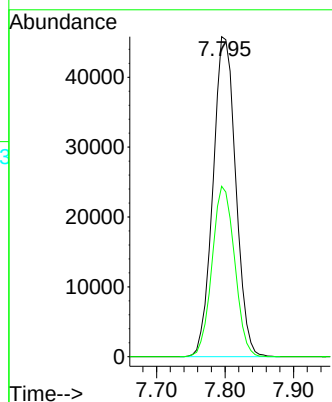
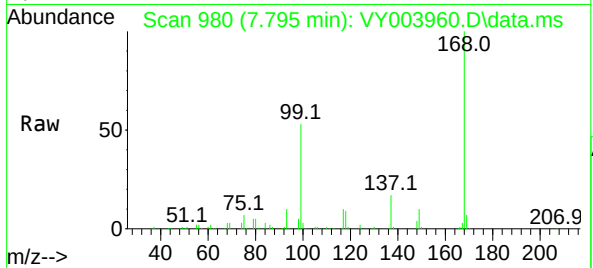




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

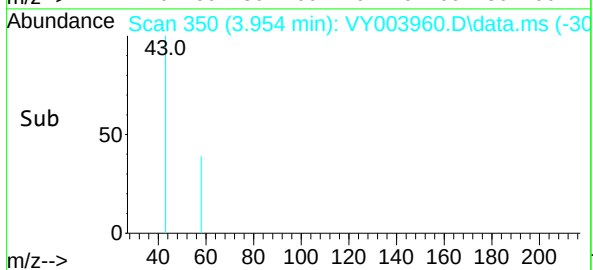
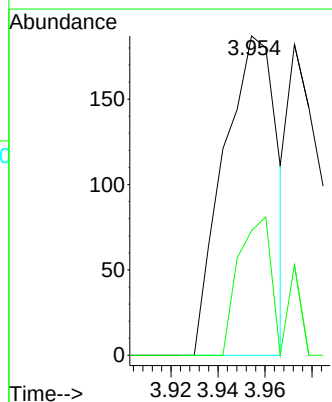
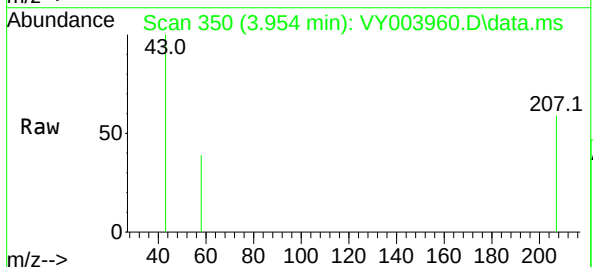
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

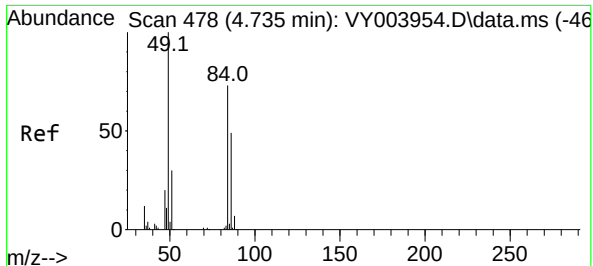
Tgt Ion:168 Resp: 105505
Ion Ratio Lower Upper
168 100
99 53.2 46.1 69.1



#16
Acetone
Concen: 1.04 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

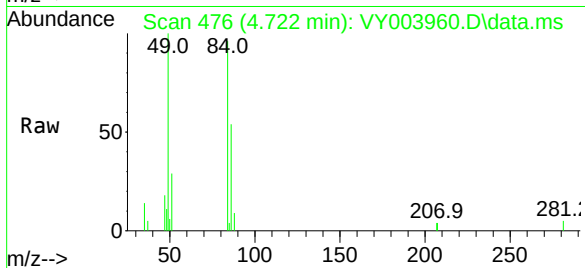
Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
58 39.0 23.4 35.0#



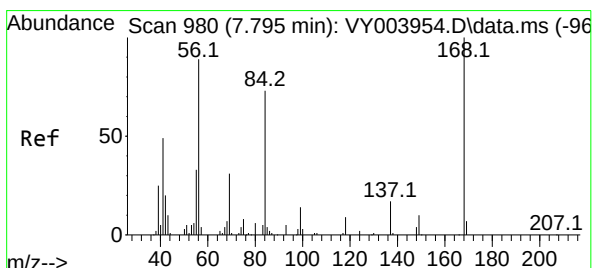
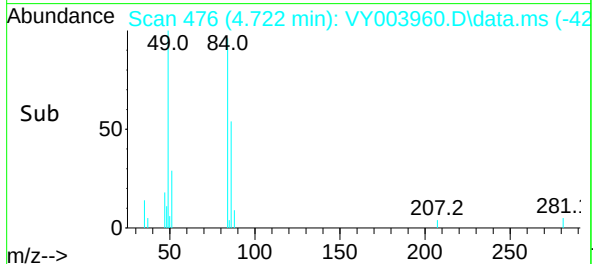
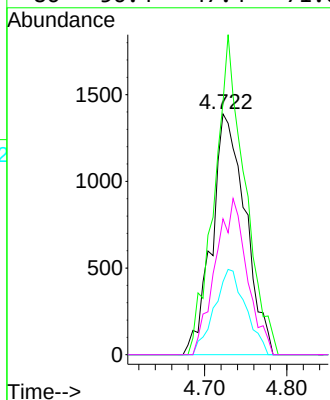


#20
Methylene Chloride
Concen: 3.25 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

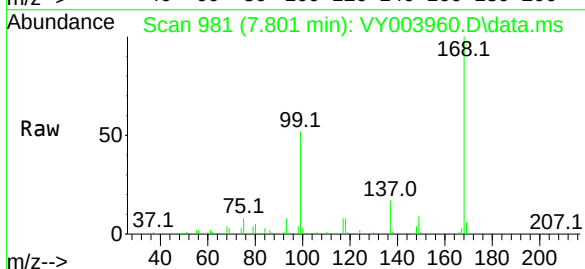
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01



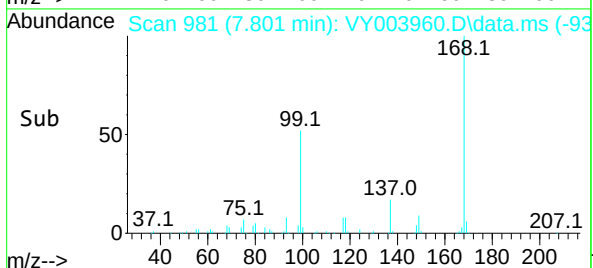
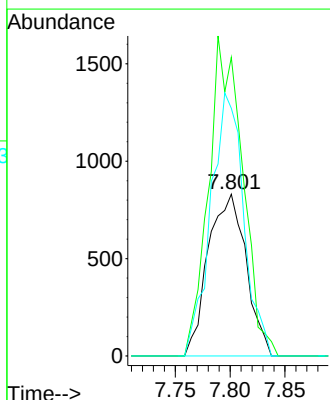
Tgt Ion:	84	Resp:	3931
Ion	Ratio	Lower	Upper
84	100		
49	104.7	107.0	160.4#
51	30.3	31.9	47.9#
86	56.4	47.4	71.0

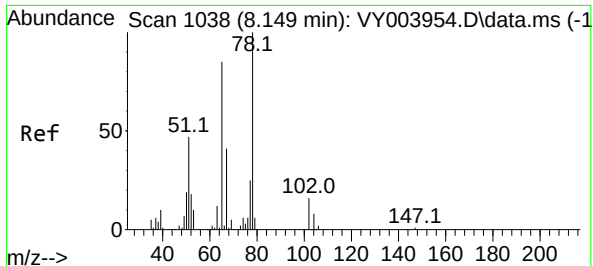


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18



Tgt Ion:	56	Resp:	1997
Ion	Ratio	Lower	Upper
56	100		
69	184.5	25.0	37.4#
84	153.1	64.5	96.7#





#33

1,2-Dichloroethane-d4

Concen: 56.24 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY003960.D

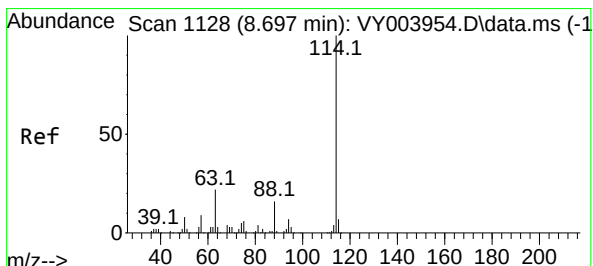
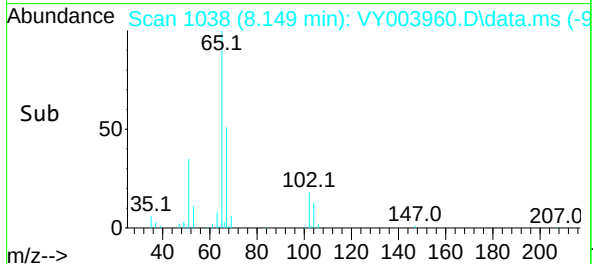
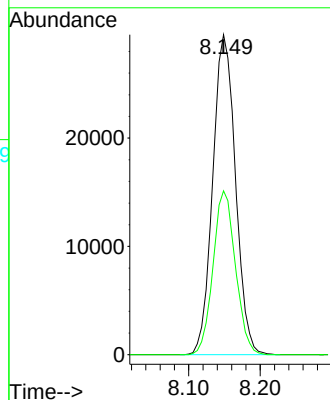
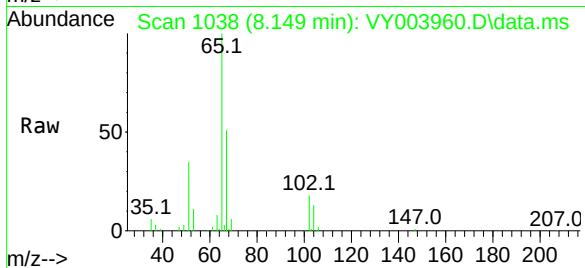
Acq: 03 Feb 2021 15:18

Tgt Ion: 65 Resp: 65242

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY003960.D

Acq: 03 Feb 2021 15:18

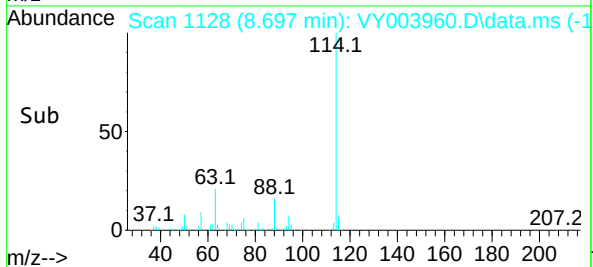
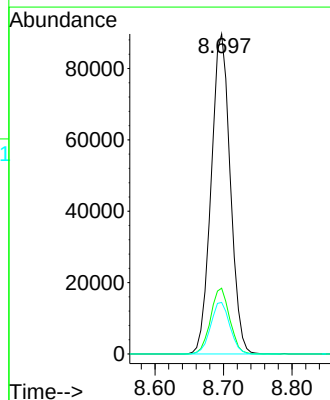
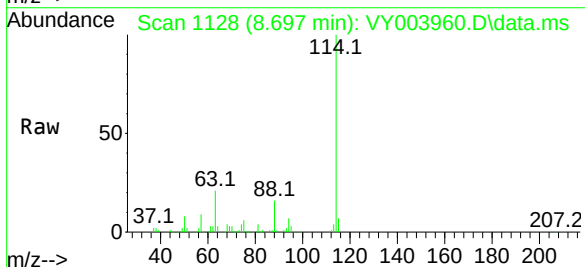
Tgt Ion: 114 Resp: 173418

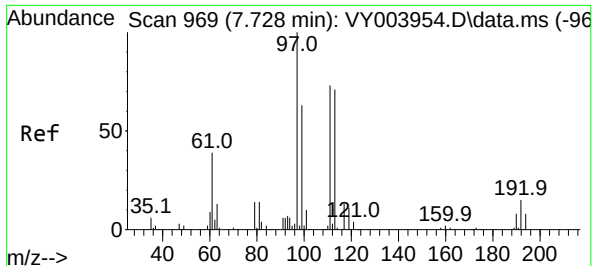
Ion Ratio Lower Upper

114 100

63 20.6 0.0 47.2

88 16.1 0.0 30.2

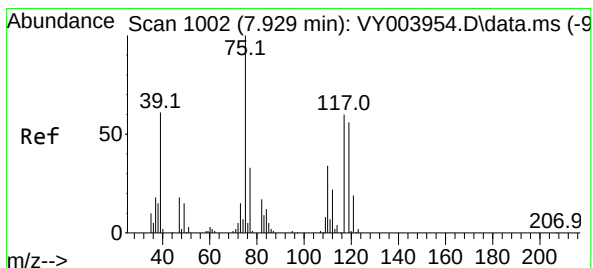
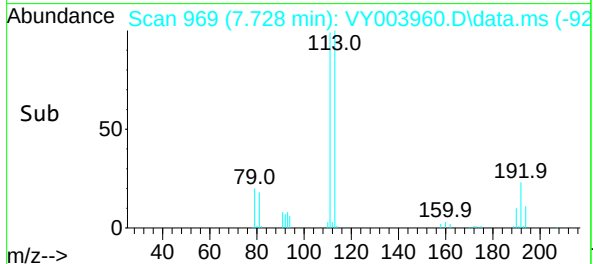
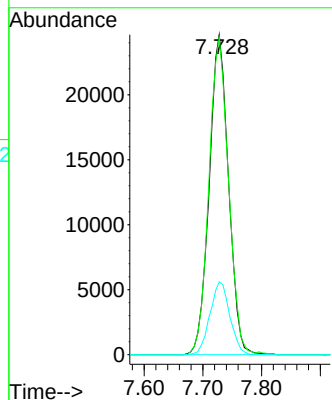
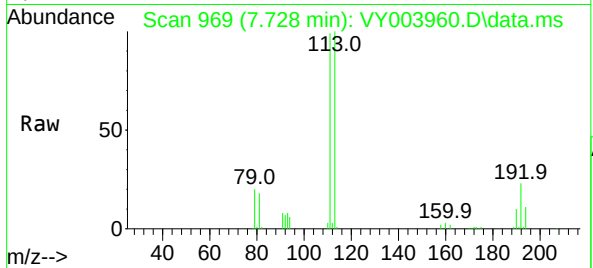




#35
Dibromofluoromethane
Concen: 55.48 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

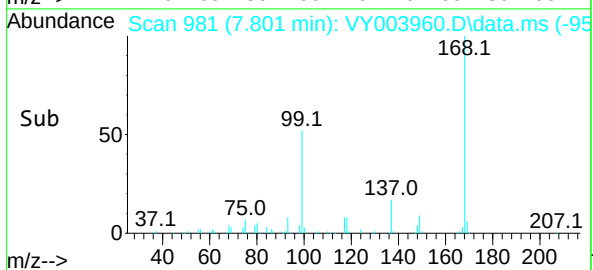
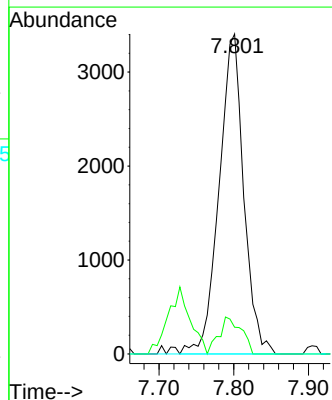
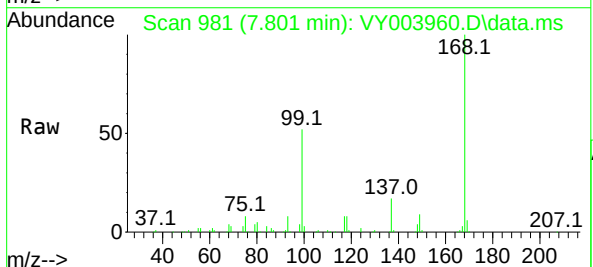
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

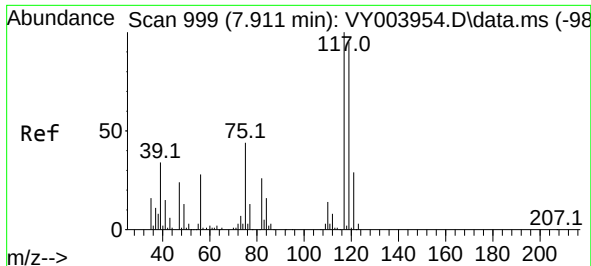
Tgt Ion:113 Resp: 56250
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 23.3 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

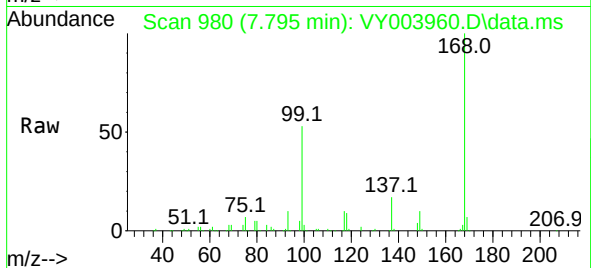
Tgt Ion: 75 Resp: 7798
Ion Ratio Lower Upper
75 100
110 10.5 17.9 53.8#
77 0.0 24.8 37.2#



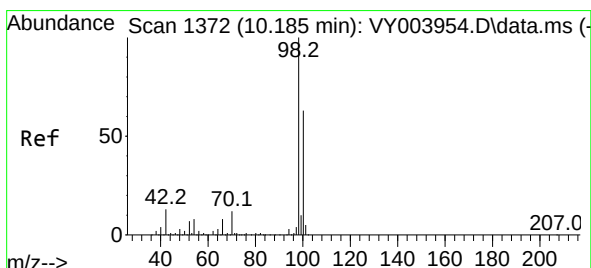
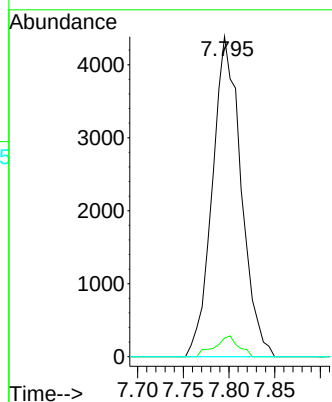
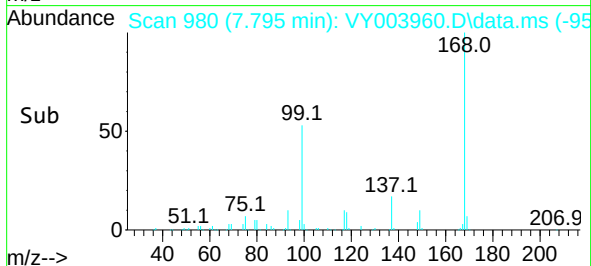


#38
Carbon Tetrachloride
Concen: 5.06 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

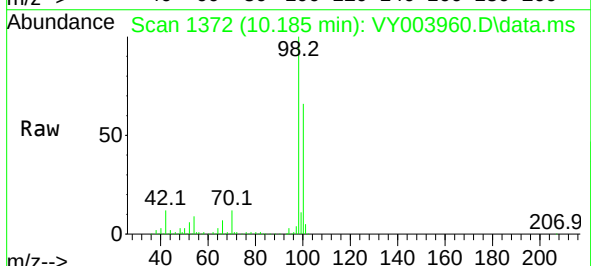
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01



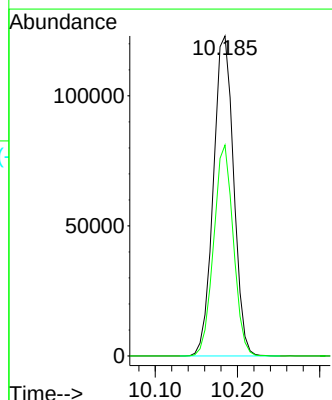
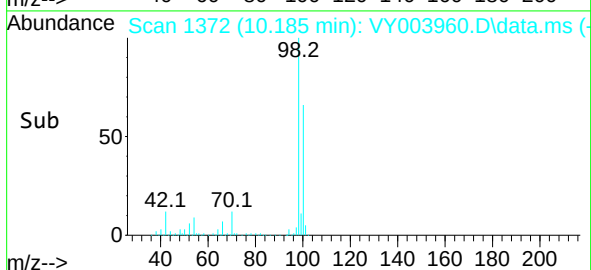
Tgt Ion: 117 Resp: 9587
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.0#
121 0.0 26.1 39.1#

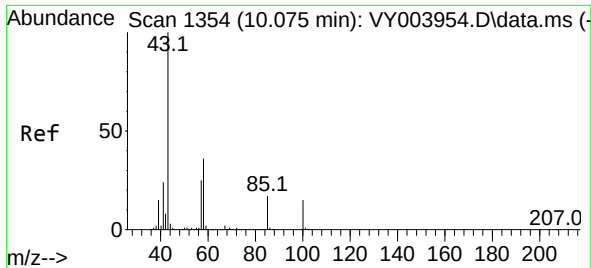


#50
Toluene-d8
Concen: 52.93 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18



Tgt Ion: 98 Resp: 210616
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

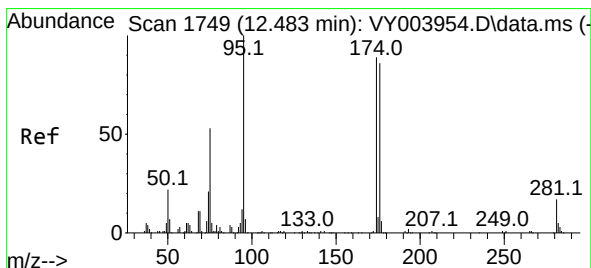
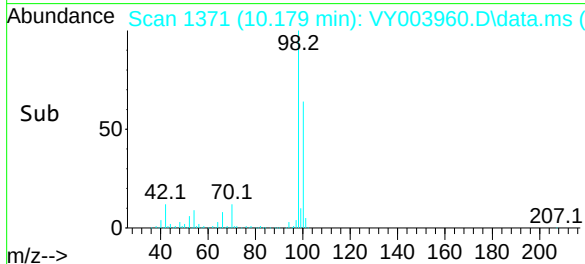
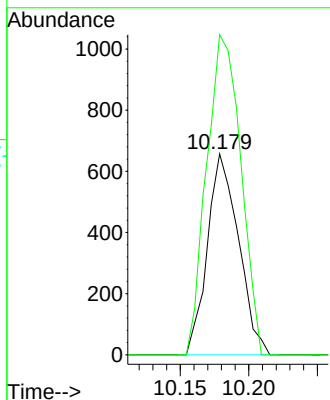
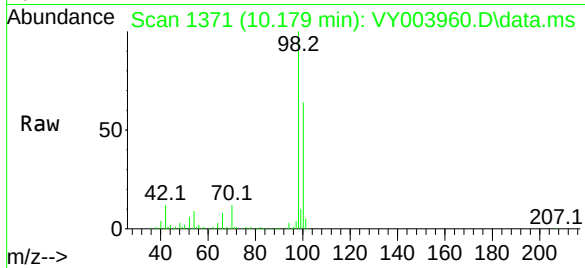




#51
4-Methyl-2-Pentanone
Concen: 1.05 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

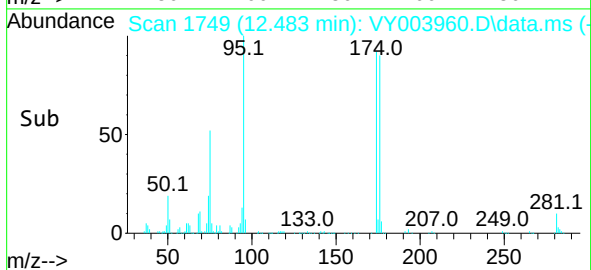
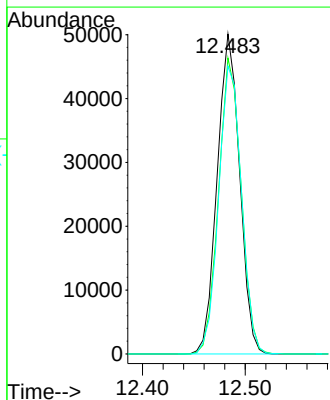
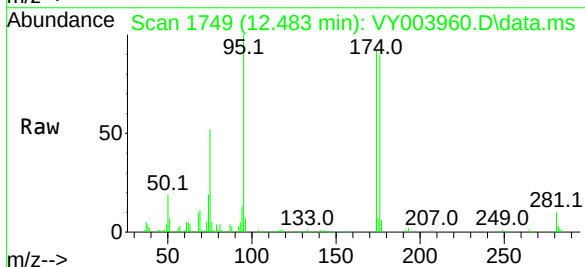
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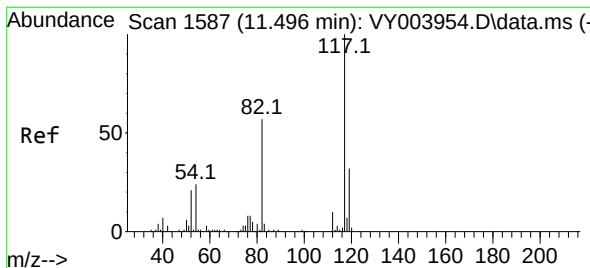
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 175.3 28.6 42.8#



#62
4-Bromofluorobenzene
Concen: 52.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Tgt Ion: 95 Resp: 75934
Ion Ratio Lower Upper
95 100
174 92.5 0.0 184.4
176 91.4 0.0 177.2

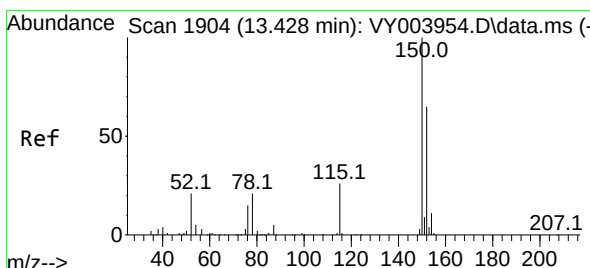
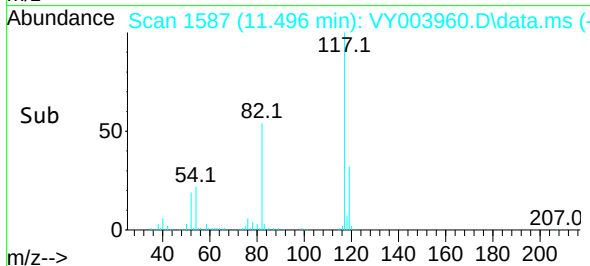
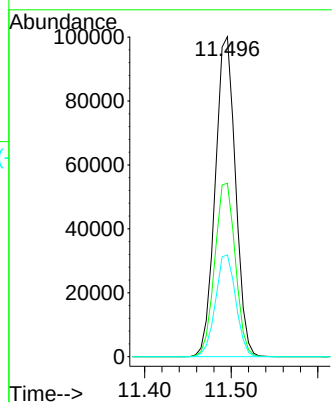
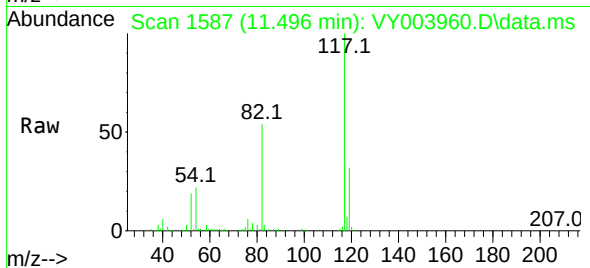




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

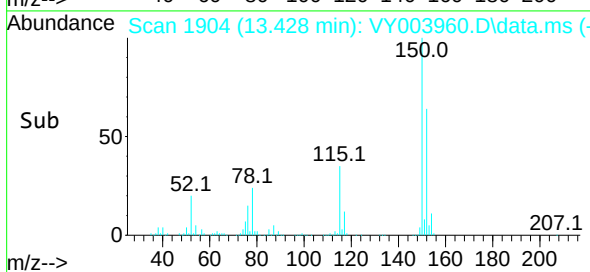
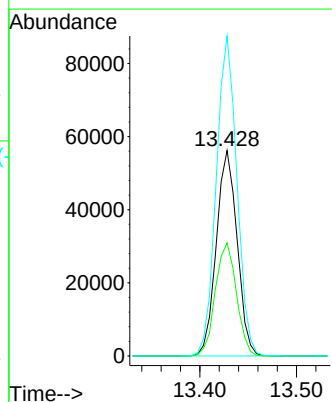
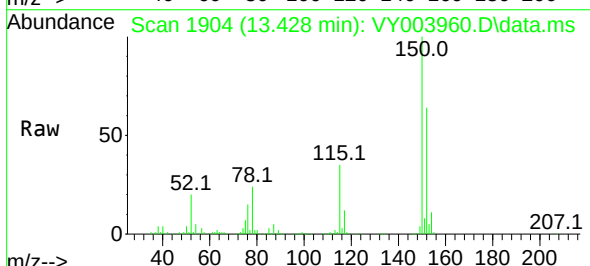
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

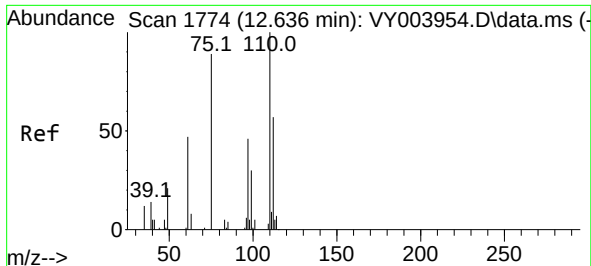
Tgt Ion:	117	Resp:	162467
Ion Ratio	Lower	Upper	
117	100		
82	54.2	44.3	66.5
119	31.8	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Tgt Ion:	152	Resp:	83876
Ion Ratio	Lower	Upper	
152	100		
115	55.8	28.2	84.6
150	154.6	0.0	356.2

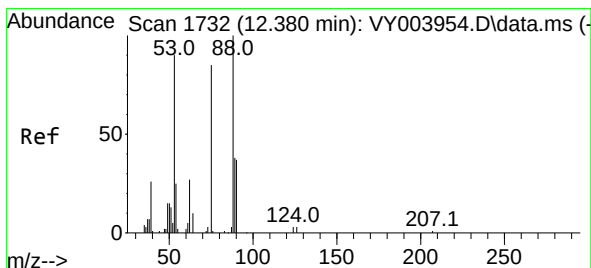
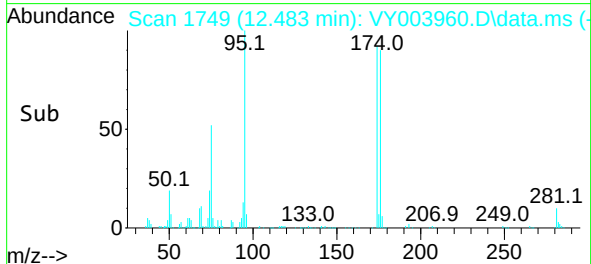
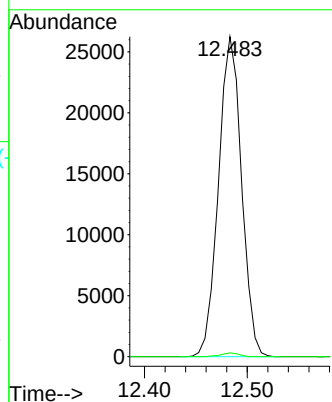
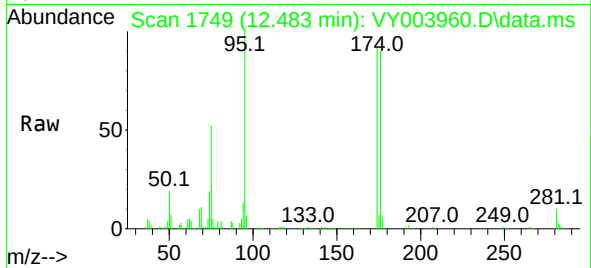




#76
1,2,3-Trichloropropane
Concen: 48.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

Tgt Ion: 75 Resp: 40861
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Tgt Ion: 75 Resp: 40861
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.2 34.8 52.2#

