

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 :

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)

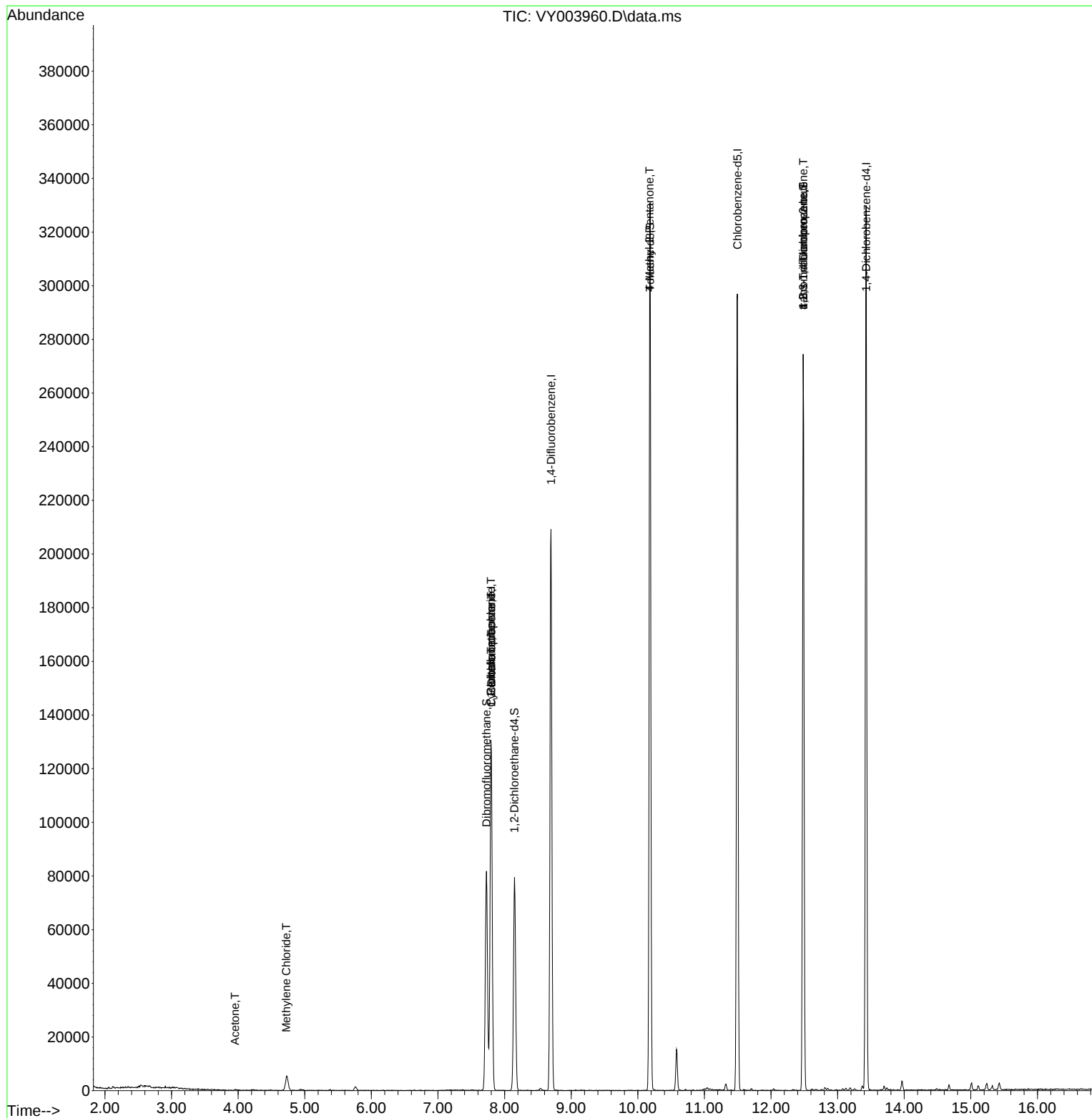
Internal Standards						
1) Pentafluorobenzene	7.795	168	105505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
					Qvalue	
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

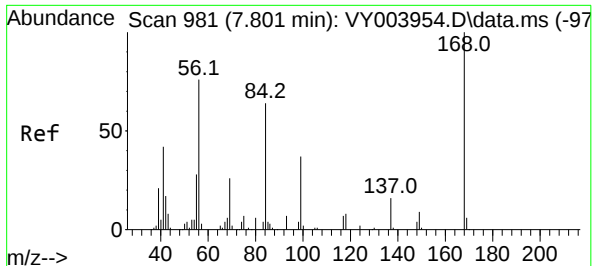
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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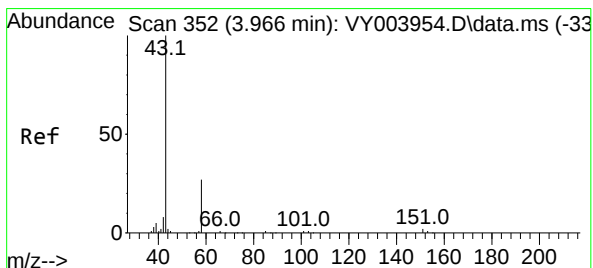
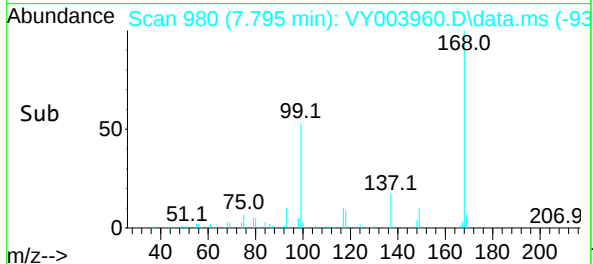
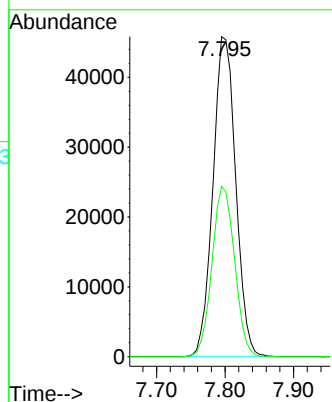
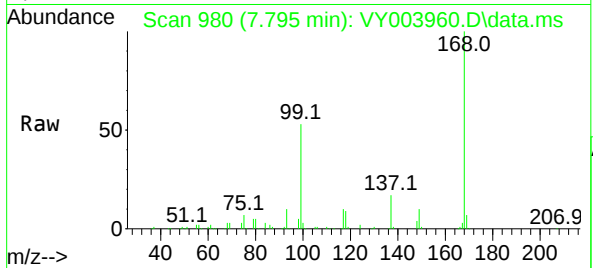




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

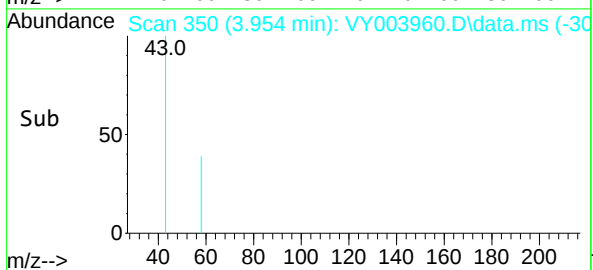
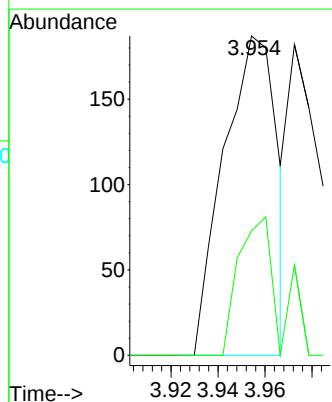
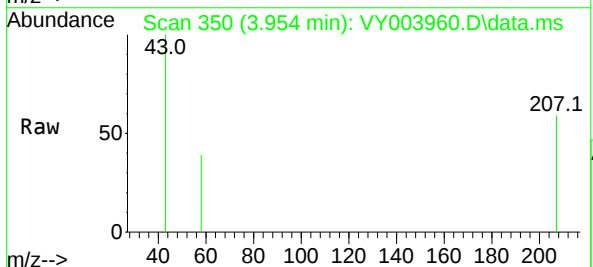
Instrument :
MSVOA_Y
ClientSampleId :

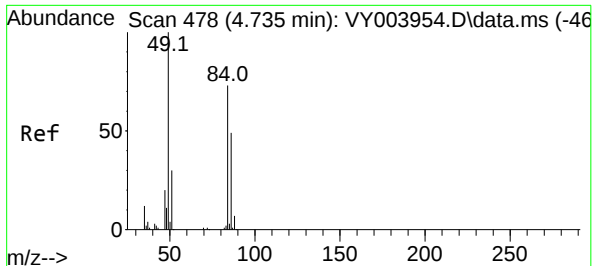
Tgt Ion:168 Resp: 105505
Ion Ratio Lower Upper
168 100
99 53.2 46.1 69.1



#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

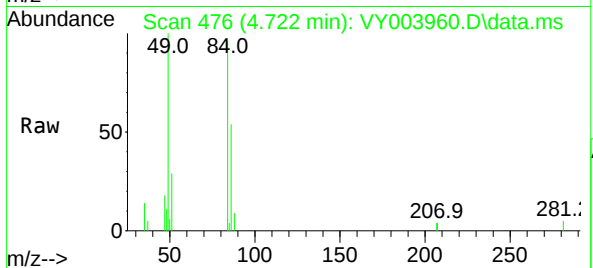
Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
58 39.0 23.4 35.0#





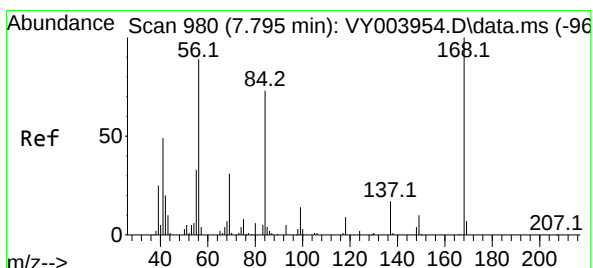
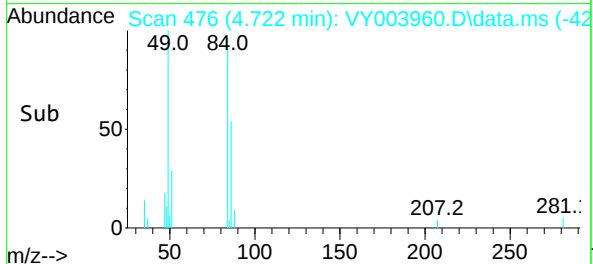
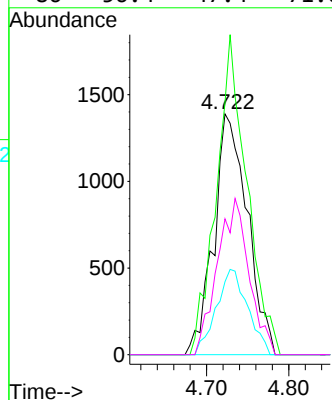
#20
Methylene Chloride
Concen: 3.25 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Instrument :
MSVOA_Y
ClientSampled :

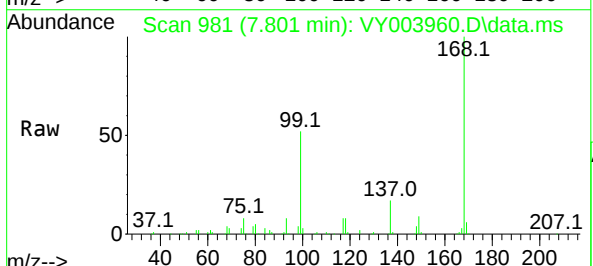


Tgt Ion: 84 Resp: 3931

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

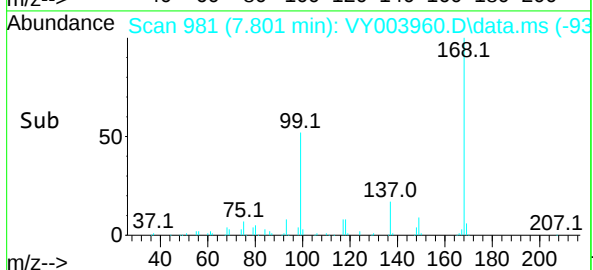
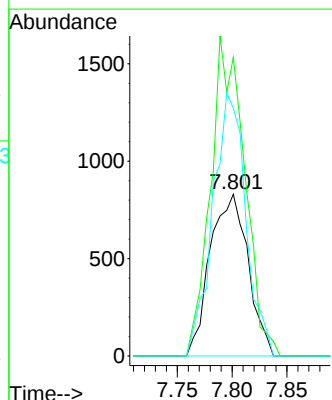


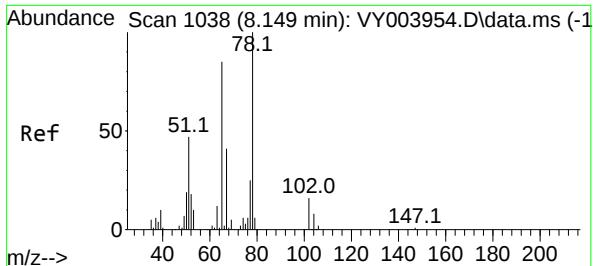
#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18



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#

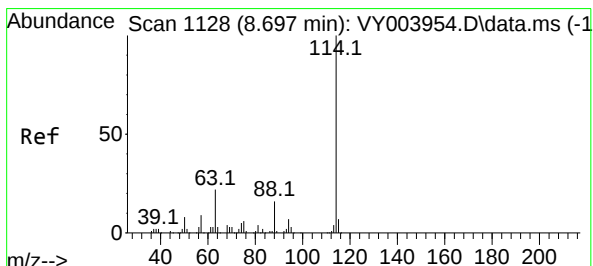
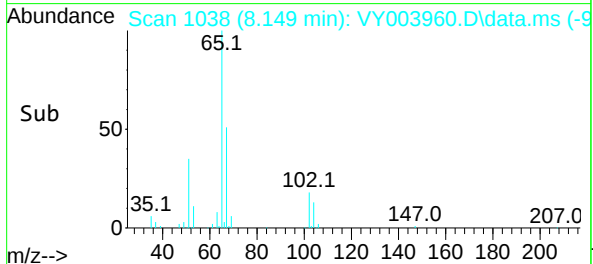
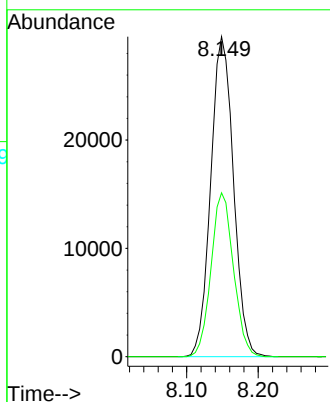
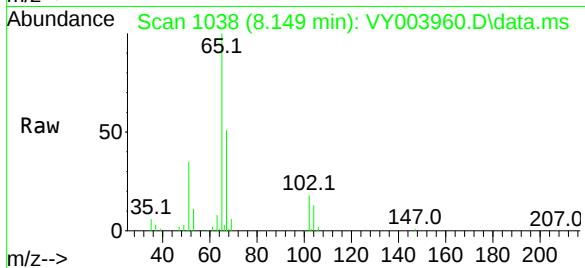




#33
1,2-Dichloroethane-d4
Concen: 56.24 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

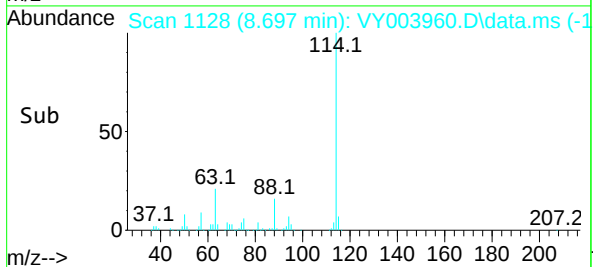
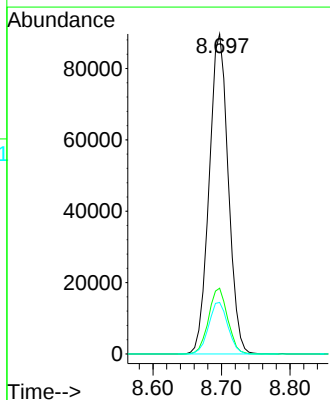
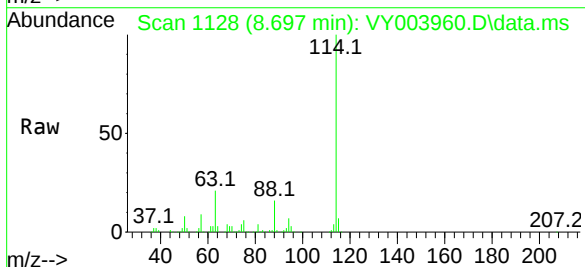
Instrument :
MSVOA_Y
ClientSampled :

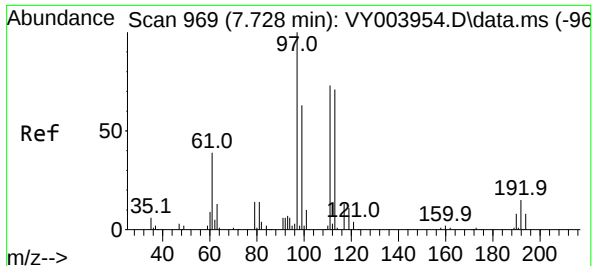
Tgt Ion: 65 Resp: 65242
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8



#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

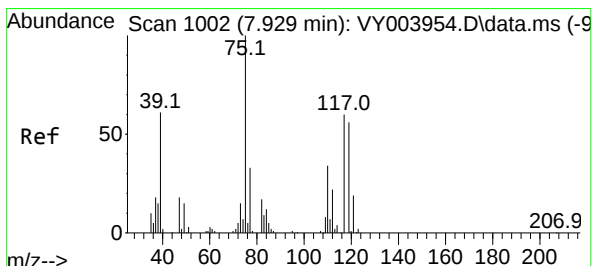
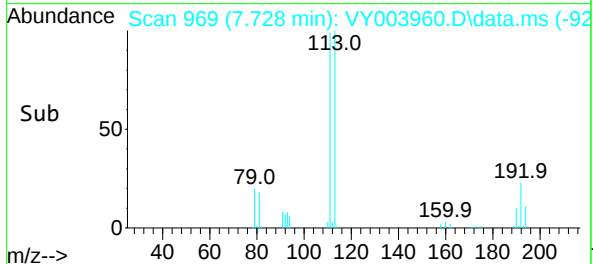
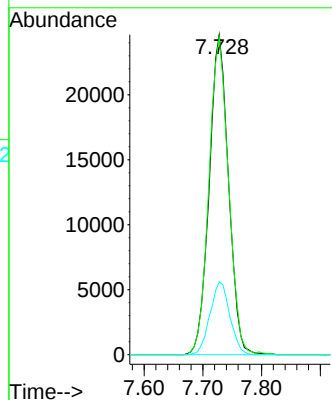
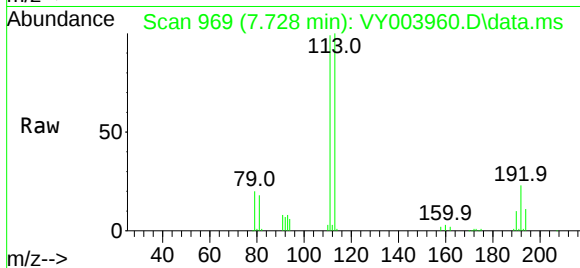
RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY003960.D

Acq: 03 Feb 2021 15:18

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

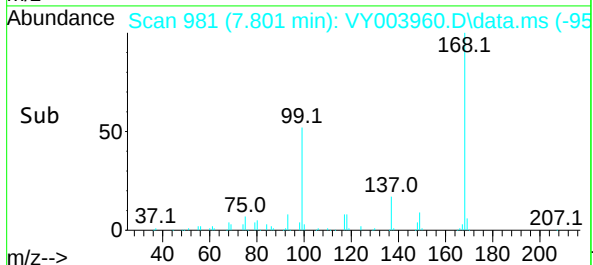
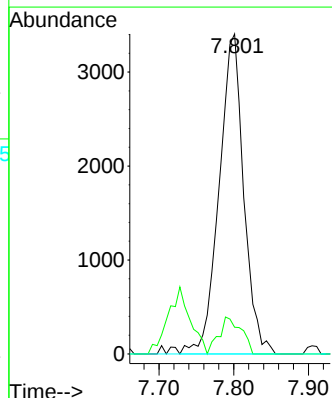
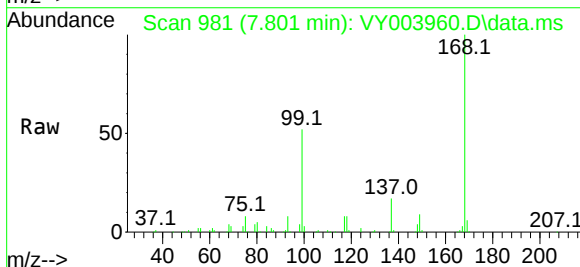
RT: 7.801 min Scan# 981

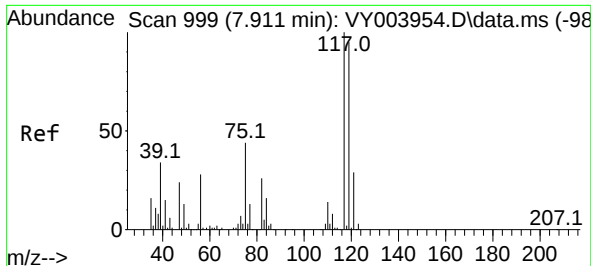
Delta R.T. -0.128 min

Lab File: VY003960.D

Acq: 03 Feb 2021 15:18

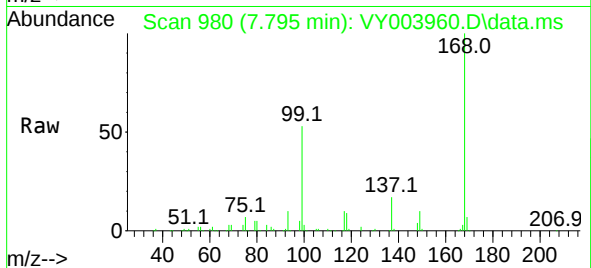
Tgt Ion:	75	Resp:	7798
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.9	53.8#
77	0.0	24.8	37.2#



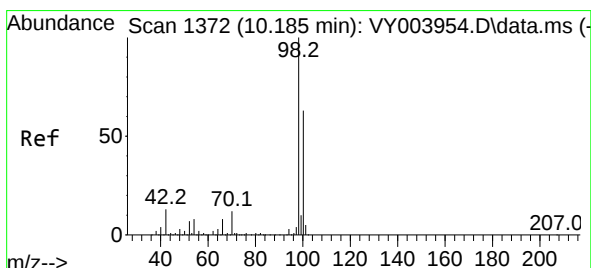
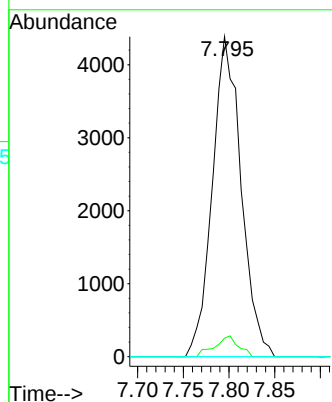
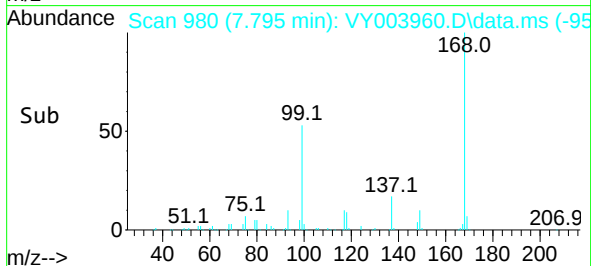


#38
Carbon Tetrachloride
Concen: 5.06 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

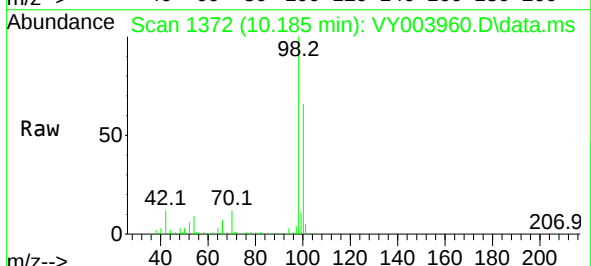
Instrument :
MSVOA_Y
ClientSampled :



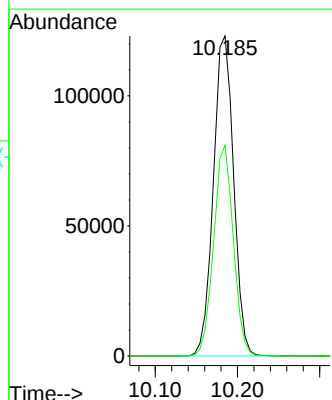
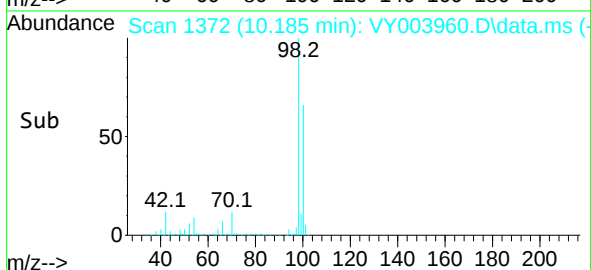
Tgt Ion: 117 Resp: 9587
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.0#
121 0.0 26.1 39.1#

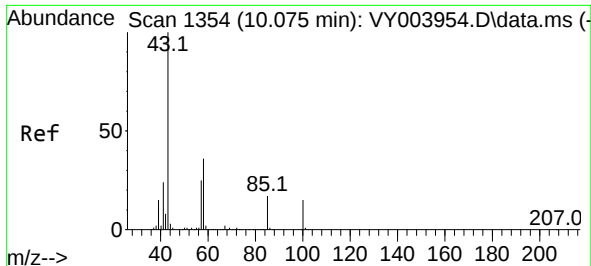


#50
Toluene-d8
Concen: 52.93 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18



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

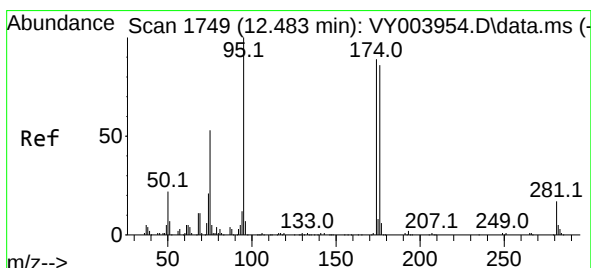
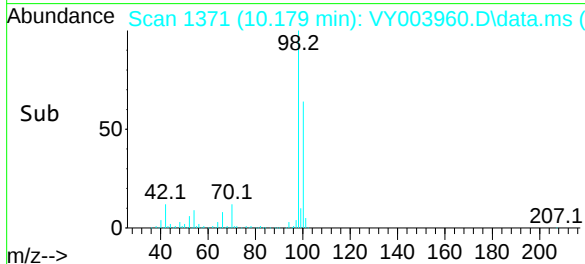
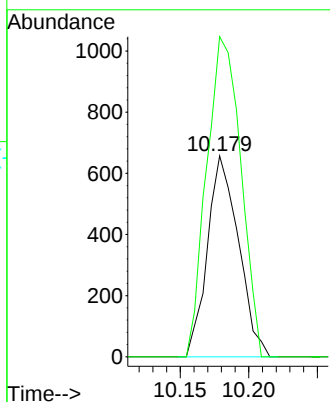
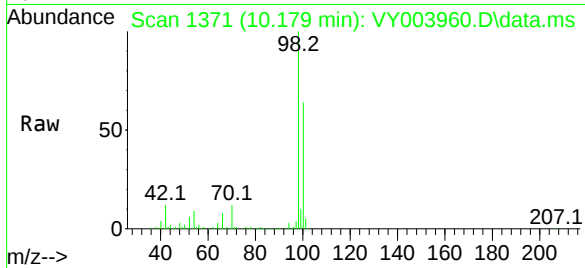




#51
4-Methyl-2-Pentanone
Concen: 1.05 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

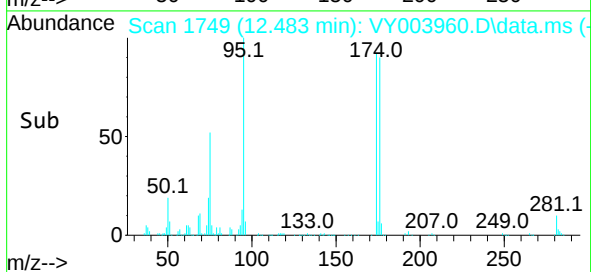
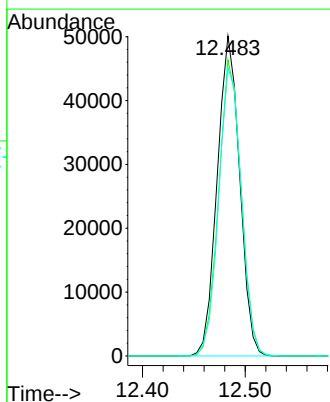
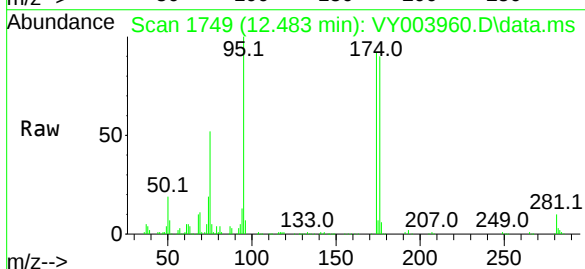
Instrument :
MSVOA_Y
ClientSampled :

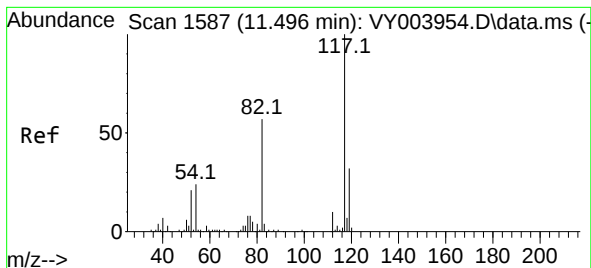
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 175.3 28.6 42.8#



#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

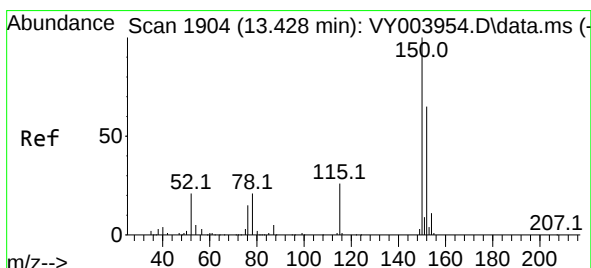
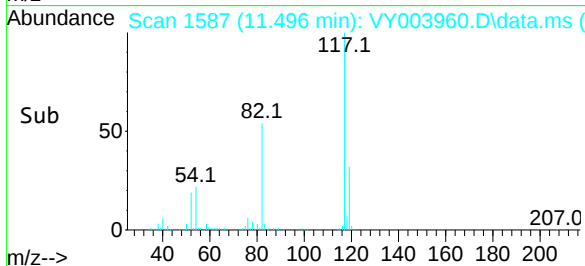
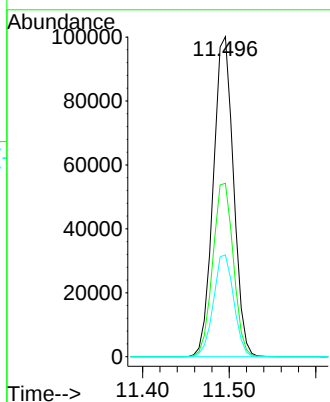
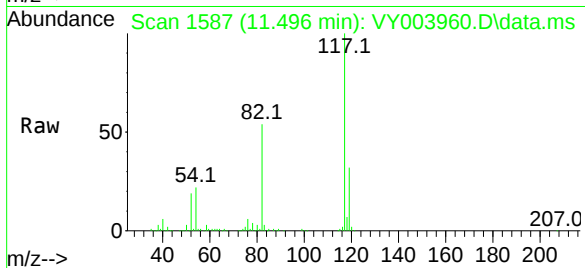




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

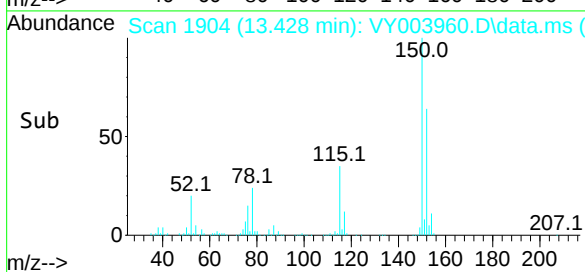
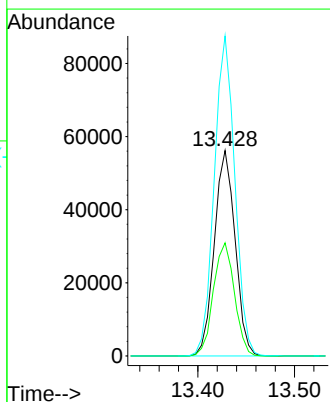
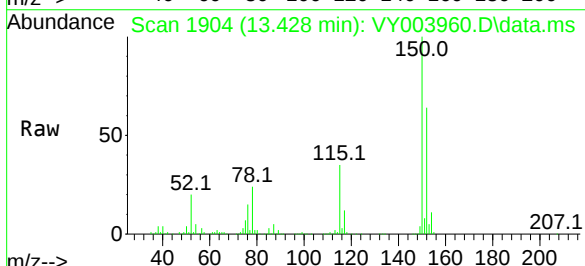
Instrument :
MSVOA_Y
ClientSampled :

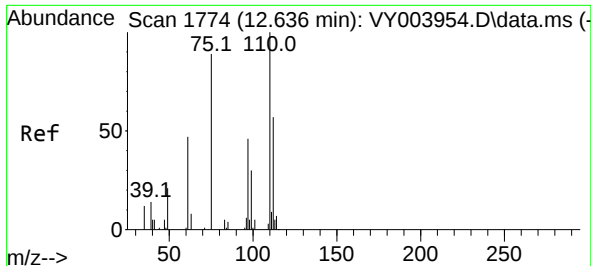
Tgt Ion:117 Resp: 162467
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.8 25.0 37.6



#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

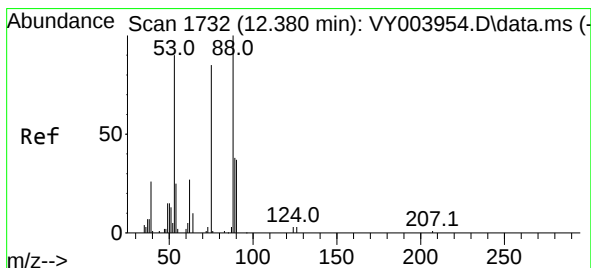
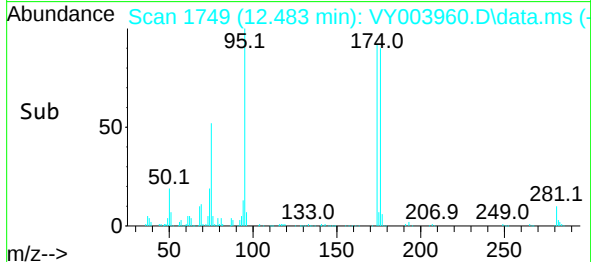
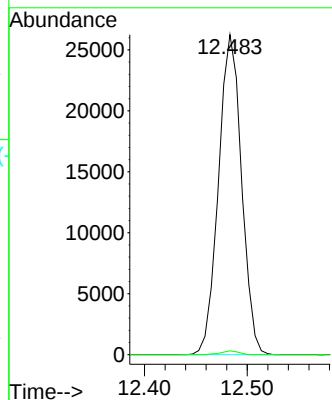
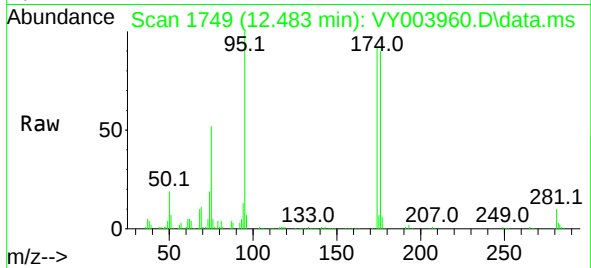




#76
1,2,3-Trichloropropane
Concen: 48.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Instrument :
MSVOA_Y
ClientSampled :

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#

