

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004010.D
 Acq On : 11 Feb 2021 18:43
 Operator : SY/MD
 Sample : M1397-02
 Misc : 5.95g/5mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 00:12:13 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)

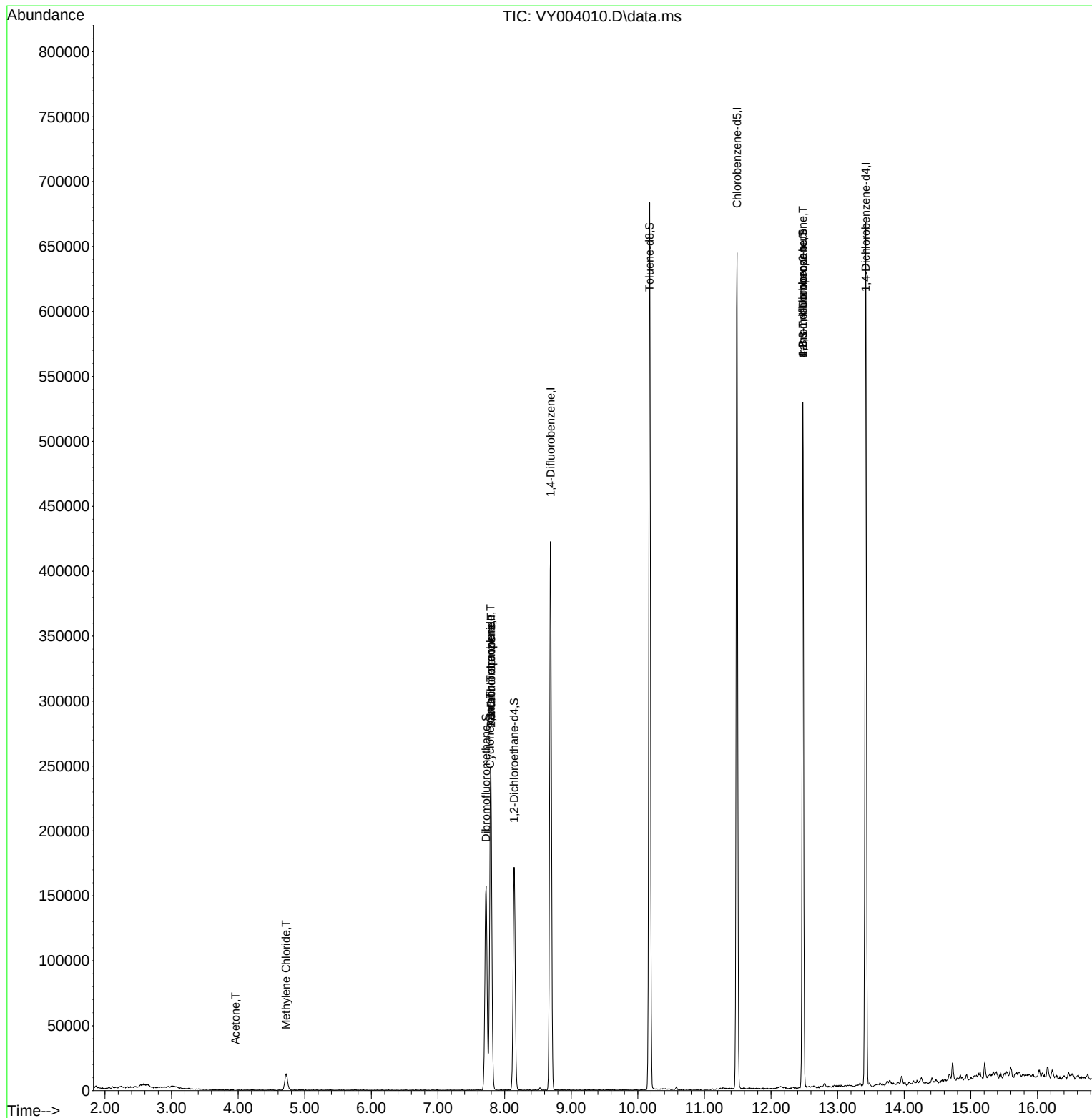
Internal Standards						
1) Pentafluorobenzene	7.795	168	194866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	342640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	136323	63.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.24%
35) Dibromofluoromethane	7.722	113	109258	54.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.08%
50) Toluene-d8	10.178	98	429189	54.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.18%
62) 4-Bromofluorobenzene	12.477	95	155521	54.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.54%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	342	Below Cal	#	77
16) Acetone	3.960	43	1174	2.23	ug/l	98
20) Methylene Chloride	4.716	84	8753	3.92	ug/l	94
31) Cyclohexane	7.783	56	4195	1.17	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	14565	4.20	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18942	5.06	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	85526	50.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	85526	97.39	ug/l #	11

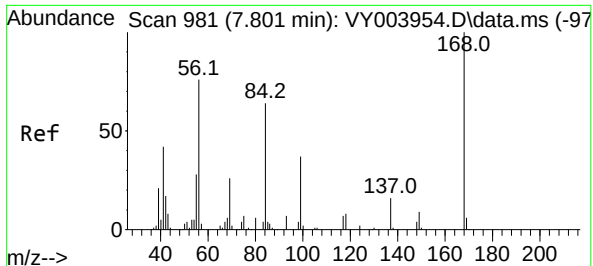
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 01 00:38:02 2021
Response via : Initial Calibration

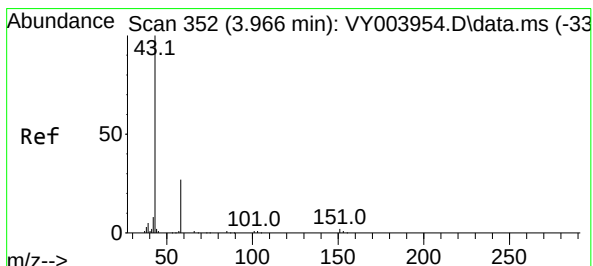
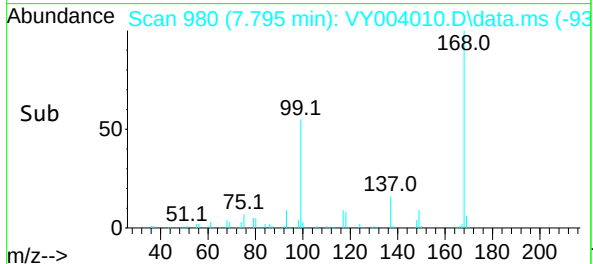
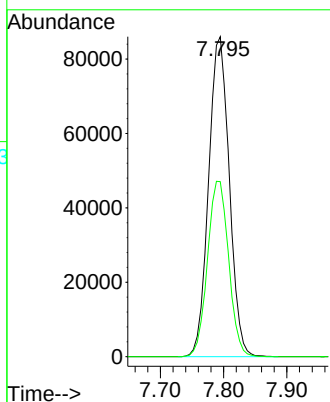
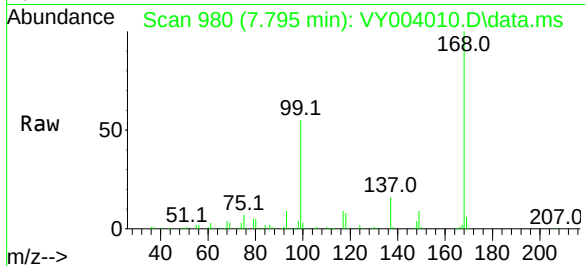




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43

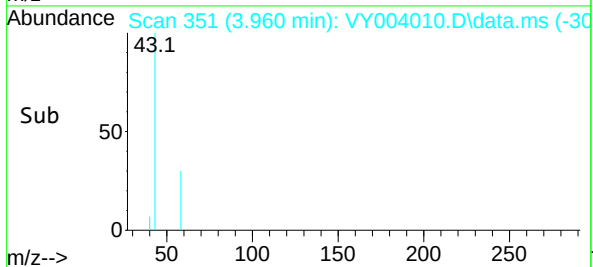
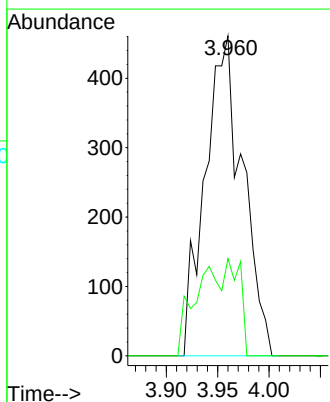
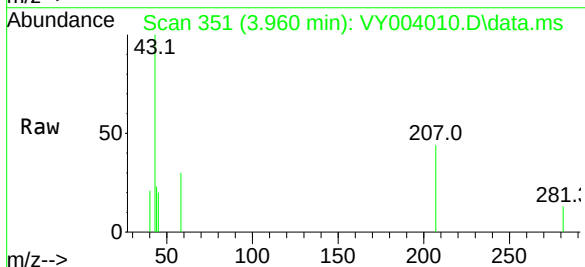
Instrument :
MSVOA_Y
ClientSampleId :

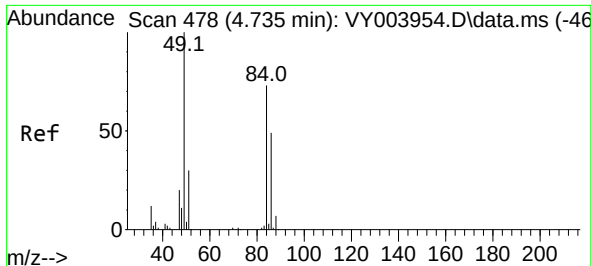
Tgt Ion:168 Resp: 194866
Ion Ratio Lower Upper
168 100
99 54.7 46.1 69.1



#16
Acetone
Concen: 2.23 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43

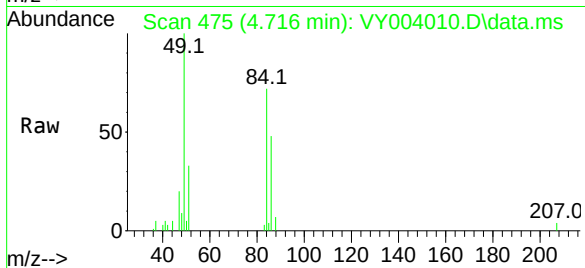
Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
58 30.4 23.4 35.0





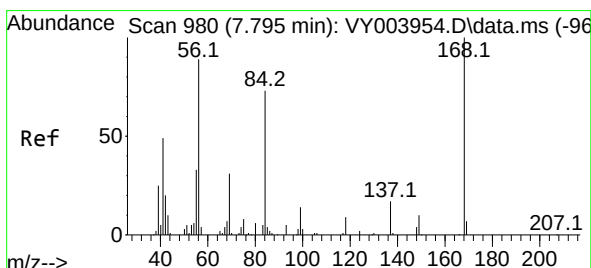
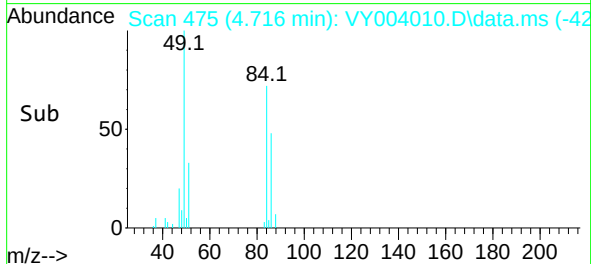
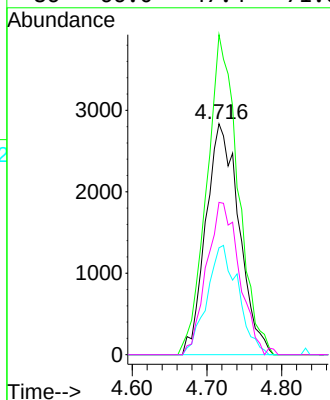
#20
Methylene Chloride
Concen: 3.92 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.019 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43

Instrument :
MSVOA_Y
ClientSampleId :

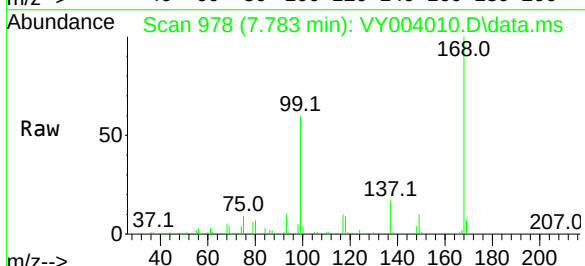


Tgt Ion: 84 Resp: 8753

Ion	Ratio	Lower	Upper
84	100		
49	138.6	107.0	160.4
51	46.3	31.9	47.9
86	66.0	47.4	71.0

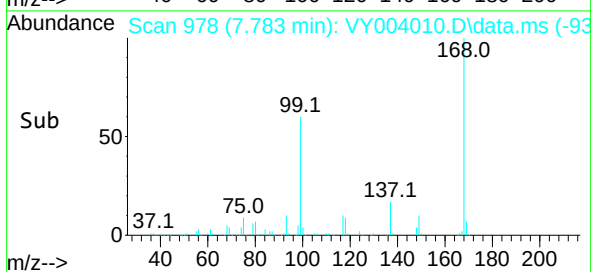
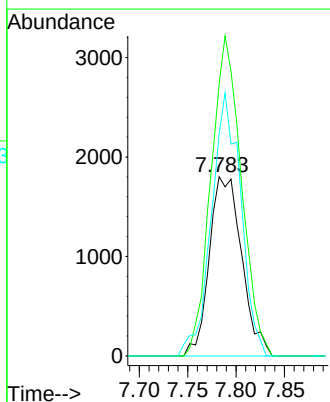


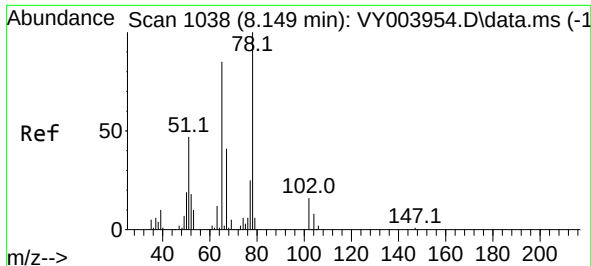
#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43



Tgt Ion: 56 Resp: 4195

Ion	Ratio	Lower	Upper
56	100		
69	151.7	25.0	37.4#
84	124.0	64.5	96.7#

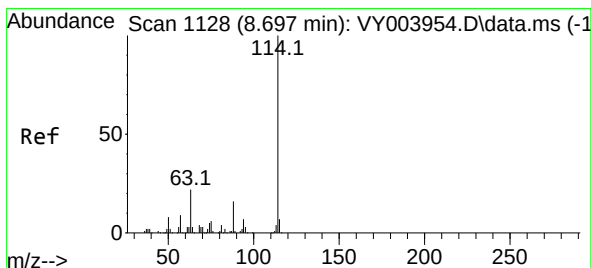
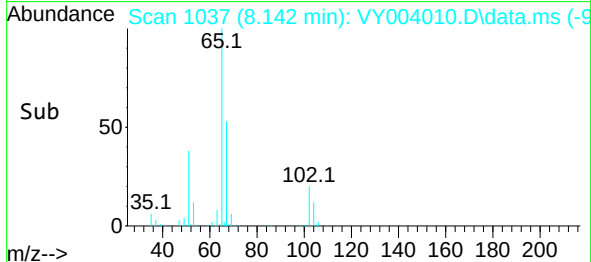
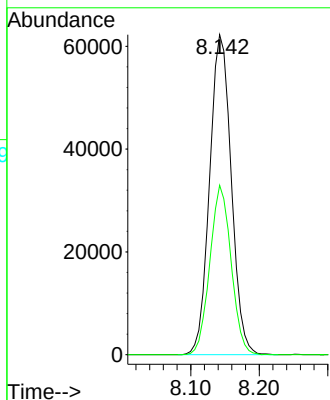
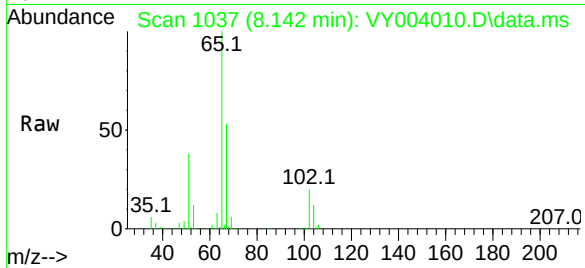




#33
 1,2-Dichloroethane-d4
 Concen: 63.62 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY004010.D
 Acq: 11 Feb 2021 18:43

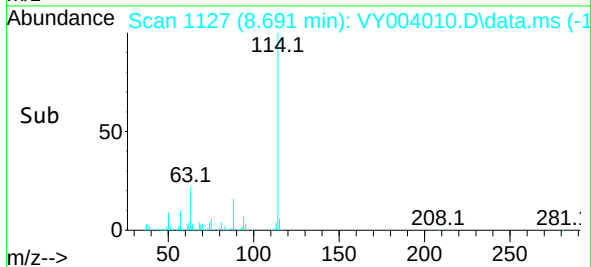
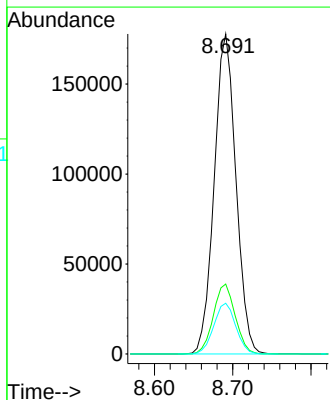
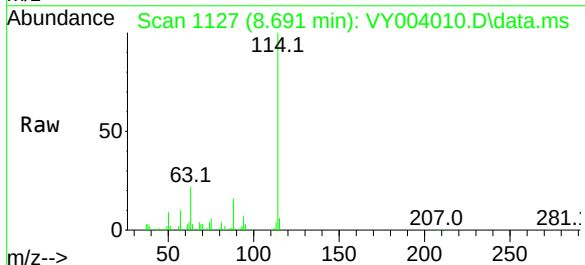
Instrument :
 MSVOA_Y
 ClientSampleId :

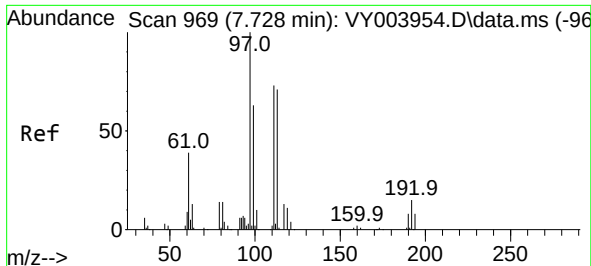
Tgt Ion: 65 Resp: 136323
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY004010.D
 Acq: 11 Feb 2021 18:43

Tgt Ion:114 Resp: 342640
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 47.2
 88 15.9 0.0 30.2

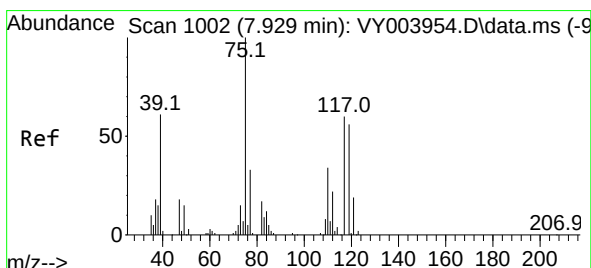
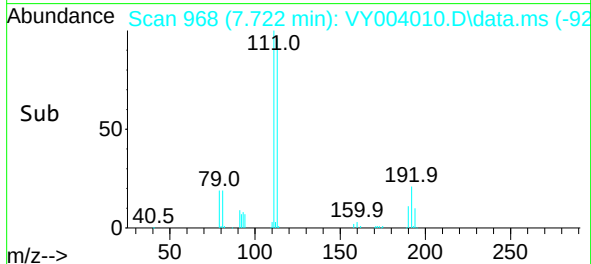
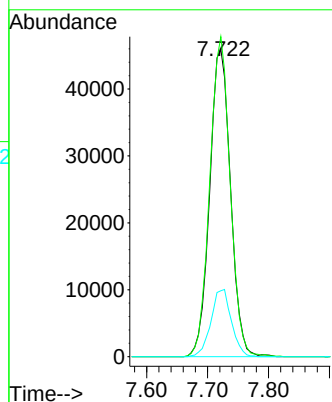
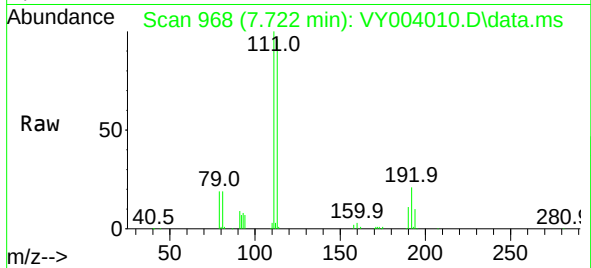




#35
Dibromofluoromethane
Concen: 54.54 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43

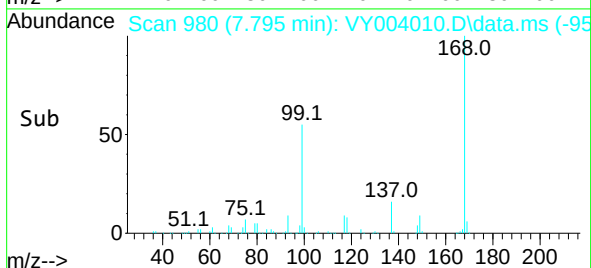
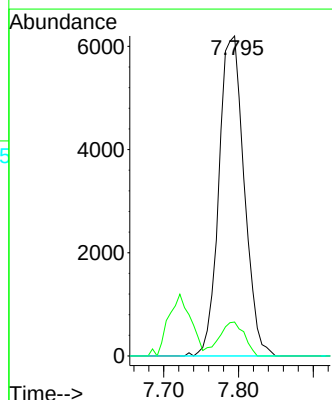
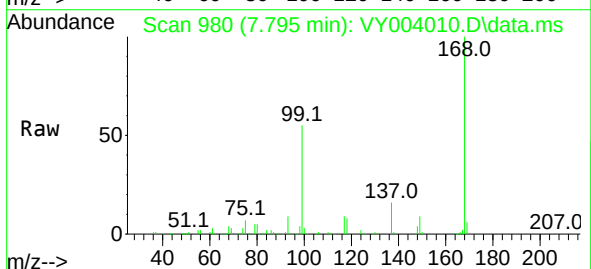
Instrument :
MSVOA_Y
ClientSampleId :

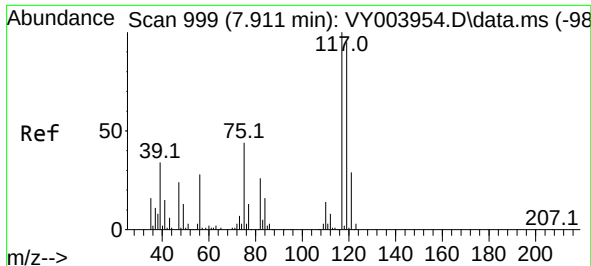
Tgt Ion:113 Resp: 109258
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 21.5 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43

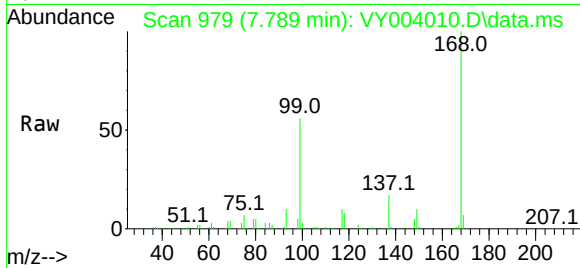
Tgt Ion: 75 Resp: 14565
Ion Ratio Lower Upper
75 100
110 10.3 17.9 53.8#
77 0.0 24.8 37.2#



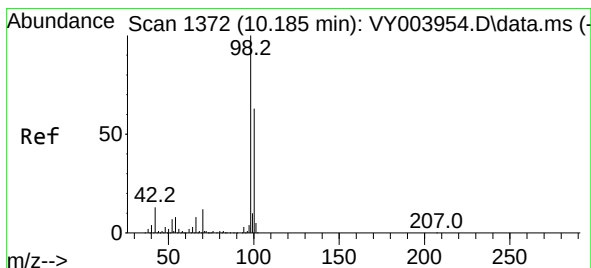
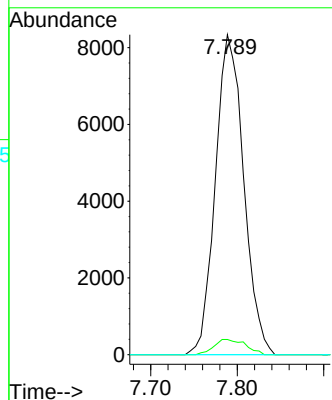
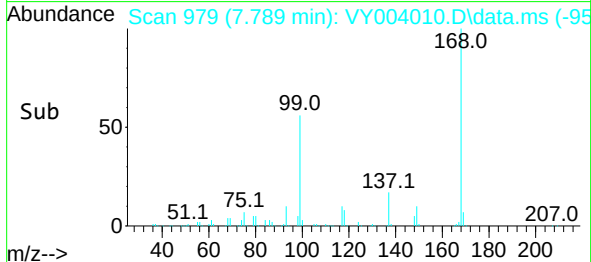


#38
Carbon Tetrachloride
Concen: 5.06 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43

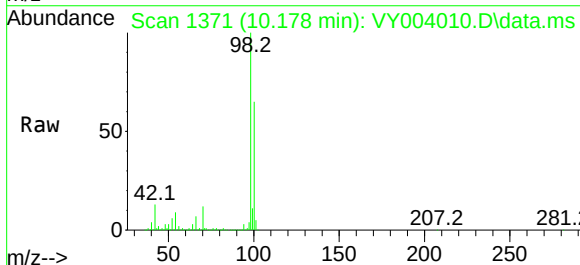
Instrument :
MSVOA_Y
ClientSampleId :



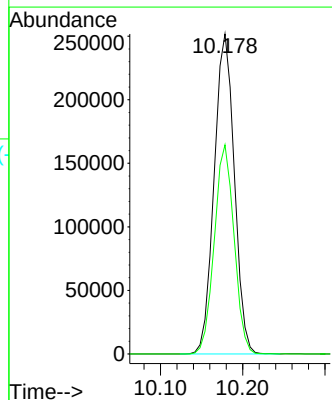
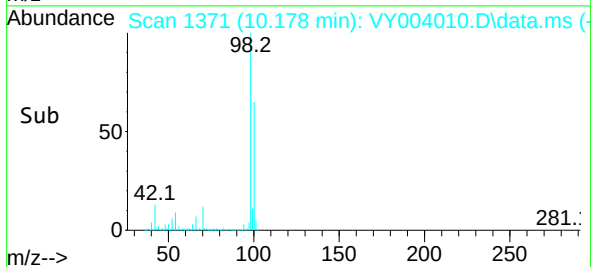
Tgt Ion:117 Resp: 18942
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 26.1 39.1#

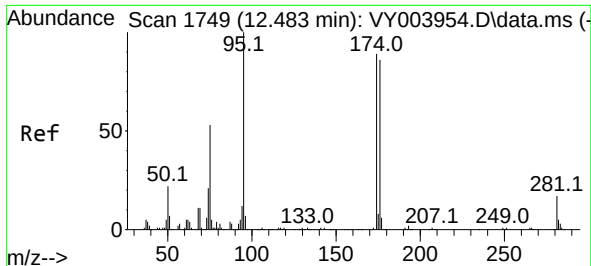


#50
Toluene-d8
Concen: 54.59 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43



Tgt Ion: 98 Resp: 429189
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

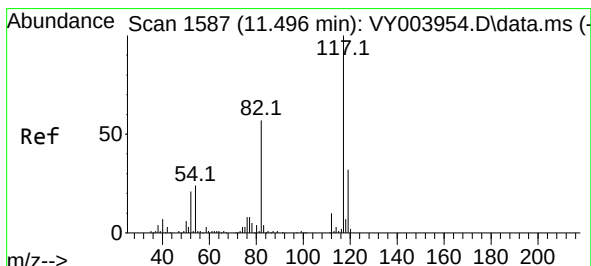
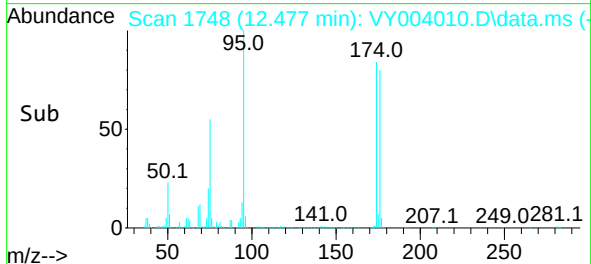
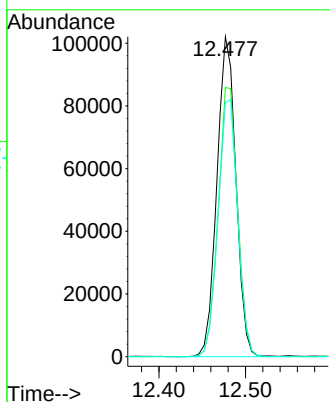
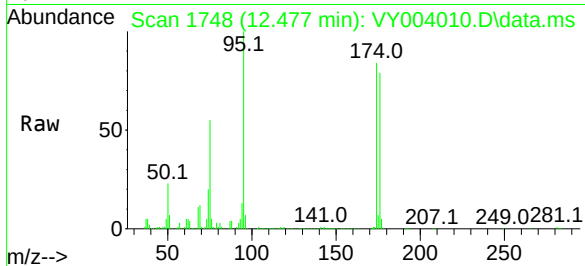




#62
4-Bromofluorobenzene
Concen: 54.27 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43

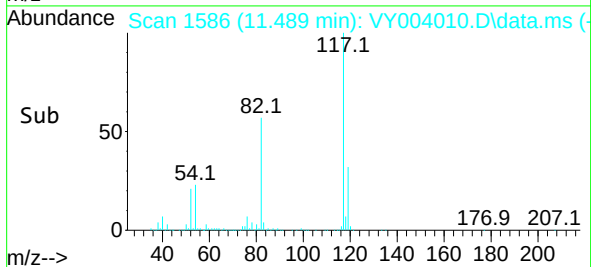
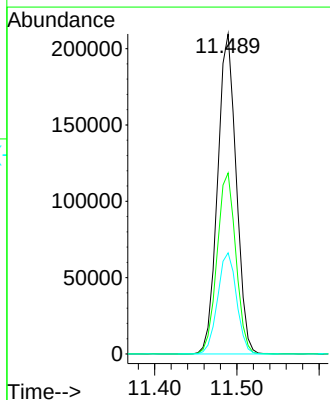
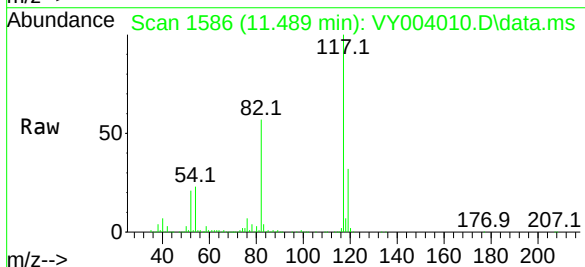
Instrument :
MSVOA_Y
ClientSampleId :

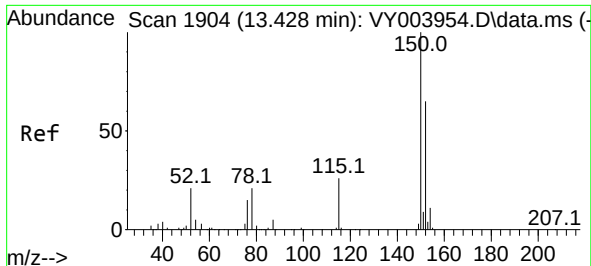
Tgt Ion: 95 Resp: 155521
Ion Ratio Lower Upper
95 100
174 86.4 0.0 184.4
176 82.9 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004010.D
Acq: 11 Feb 2021 18:43

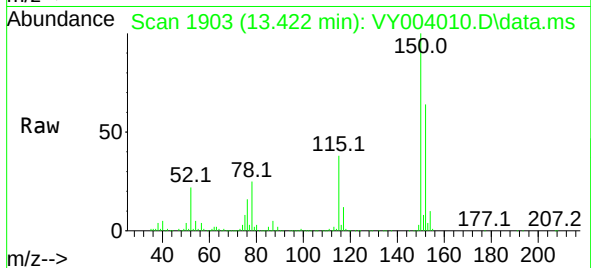
Tgt Ion:117 Resp: 328928
Ion Ratio Lower Upper
117 100
82 56.6 44.3 66.5
119 31.6 25.0 37.6



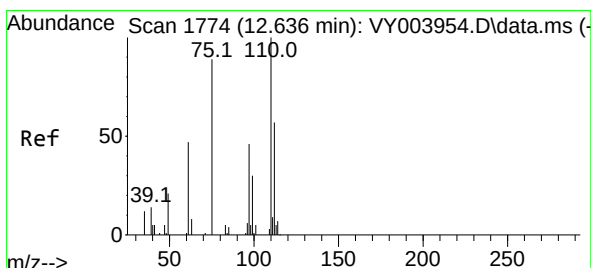
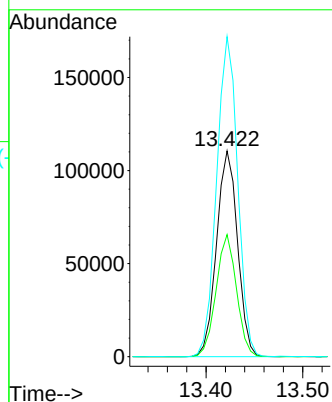
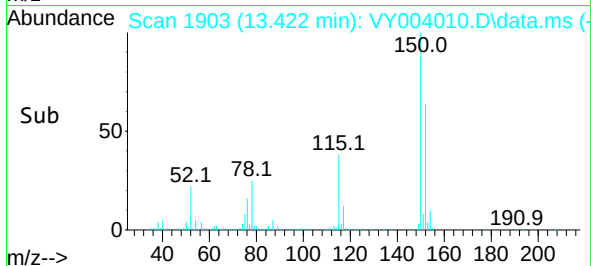


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY004010.D
 Acq: 11 Feb 2021 18:43

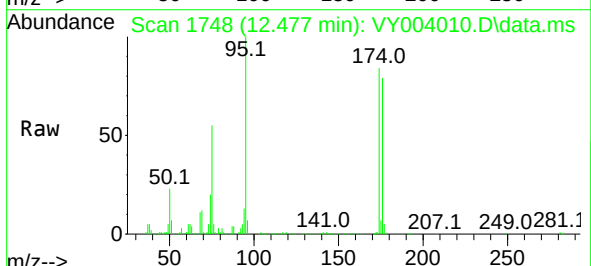
Instrument :
 MSVOA_Y
 ClientSampleId :



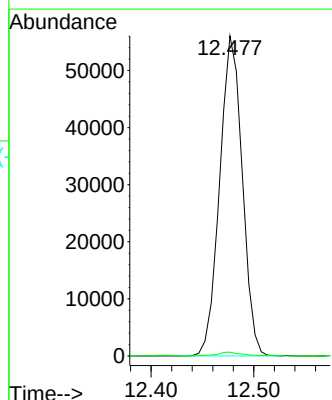
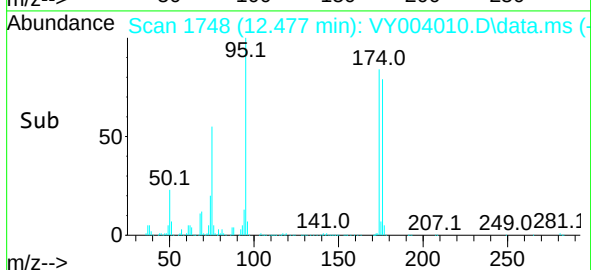
Tgt Ion:152 Resp: 166605
 Ion Ratio Lower Upper
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 115 57.8 28.2 84.6
 150 155.9 0.0 356.2

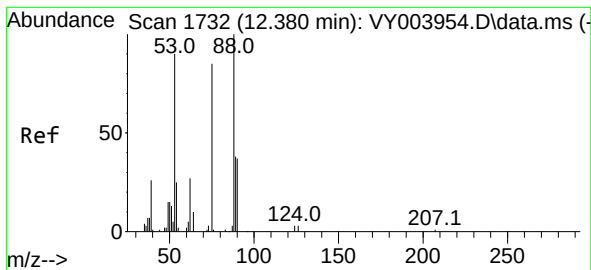


#76
 1,2,3-Trichloropropane
 Concen: 50.95 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY004010.D
 Acq: 11 Feb 2021 18:43



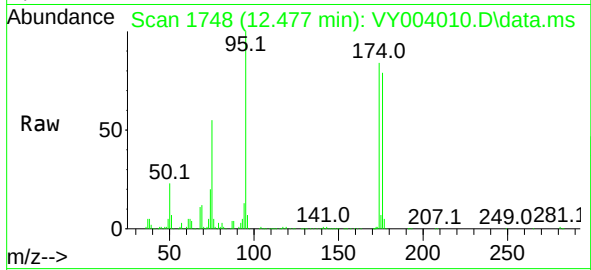
Tgt Ion: 75 Resp: 85526
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.39 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.097 min
 Lab File: VY004010.D
 Acq: 11 Feb 2021 18:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.2	117.2#
89	0.1	34.8	52.2#

