

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004123.D
 Acq On : 18 Mar 2021 15:47
 Operator : SY/MD
 Sample : M1718-02
 Misc : 5.78g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 19 01:43:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

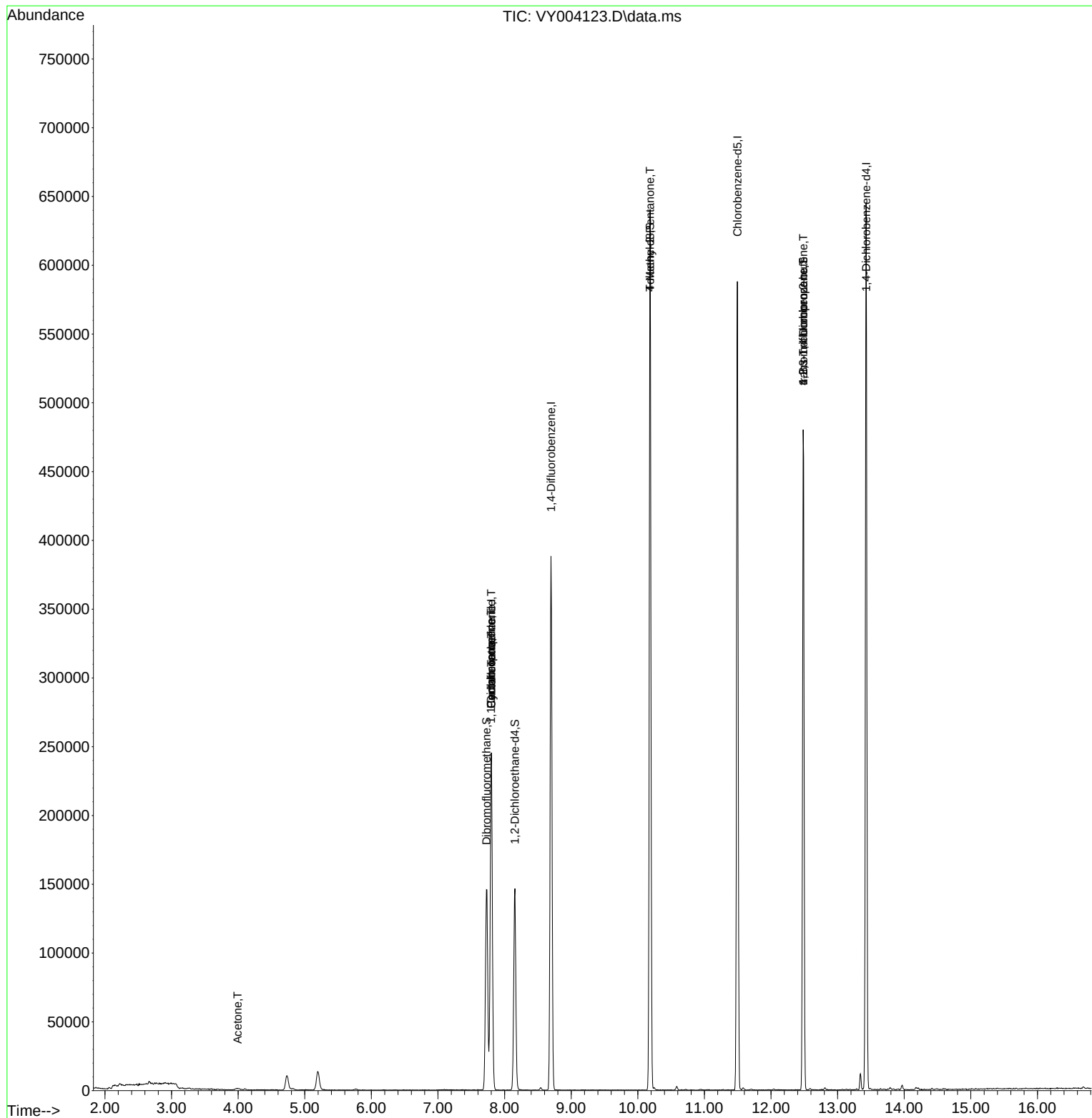
Internal Standards						
1) Pentafluorobenzene	7.801	168	193572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	334780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	323518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112501	58.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.78%
35) Dibromofluoromethane	7.728	113	104091	55.14	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.28%
50) Toluene-d8	10.185	98	403120	54.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.94%
62) 4-Bromofluorobenzene	12.483	95	148745	54.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.84%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	560	Below Cal	#	87
16) Acetone	3.991	43	3178	6.89	ug/l	97
20) Methylene Chloride	4.728	84	8245	Below Cal		93
31) Cyclohexane	7.801	56	3754	1.12	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	13805	4.69	ug/l #	52
38) Carbon Tetrachloride	7.801	117	18814	6.03	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1866	1.16	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	77856	49.98	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77856	98.64	ug/l #	13

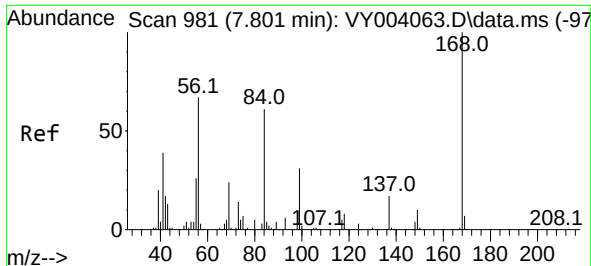
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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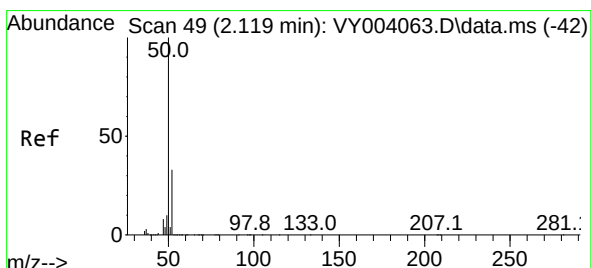
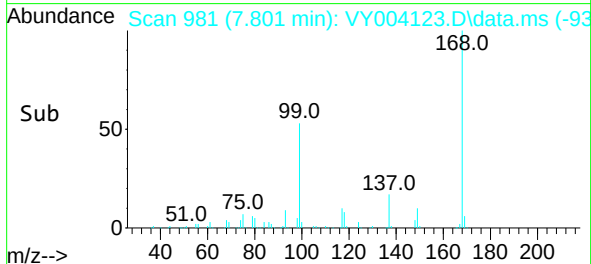
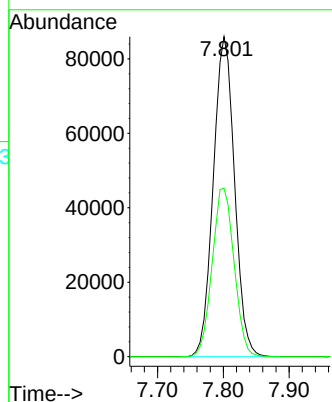
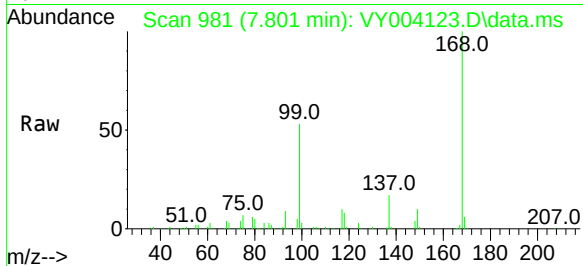




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

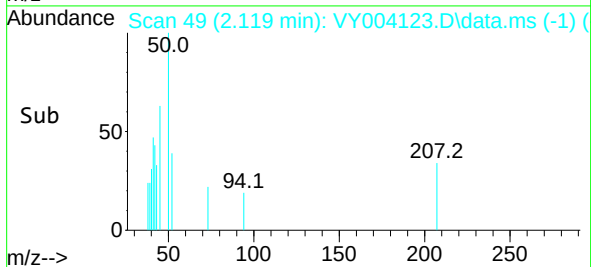
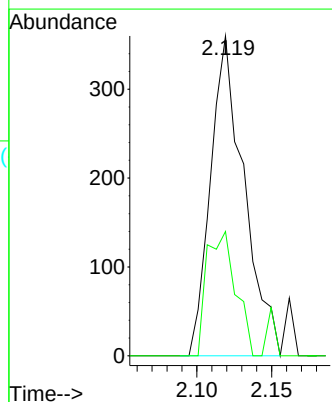
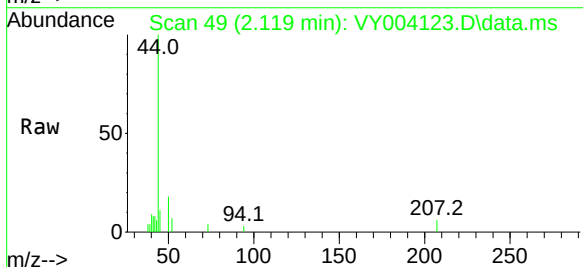
Instrument :
MSVOA_Y
ClientSampled :

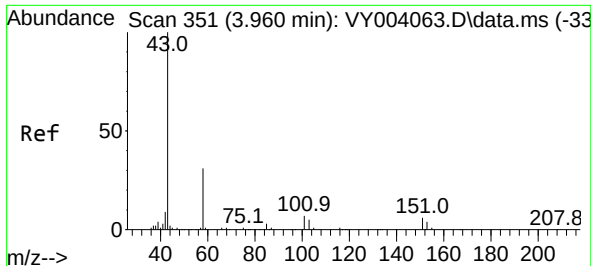
Tgt Ion:168 Resp: 193572
Ion Ratio Lower Upper
168 100
99 52.6 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

Tgt Ion: 50 Resp: 560
Ion Ratio Lower Upper
50 100
52 38.9 25.4 38.2#

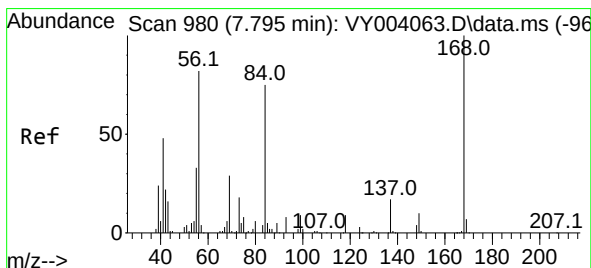
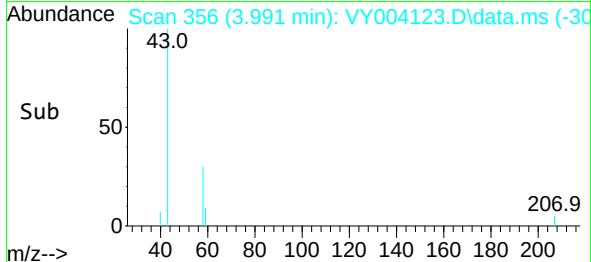
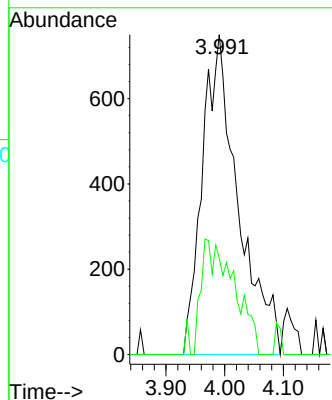
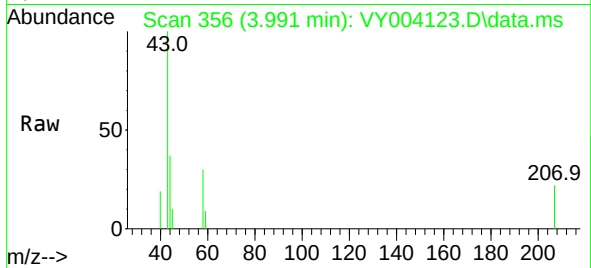




#16
Acetone
Concen: 6.89 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.031 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

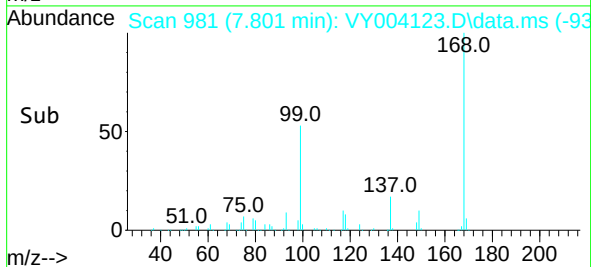
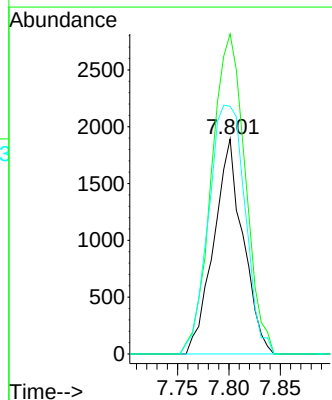
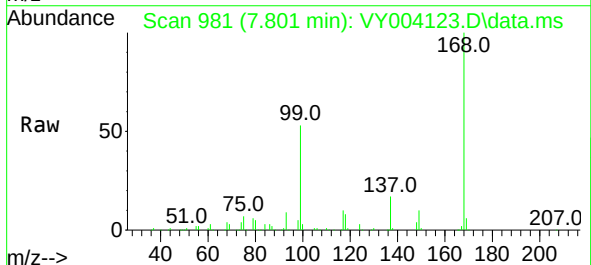
Instrument :
MSVOA_Y
ClientSampled :

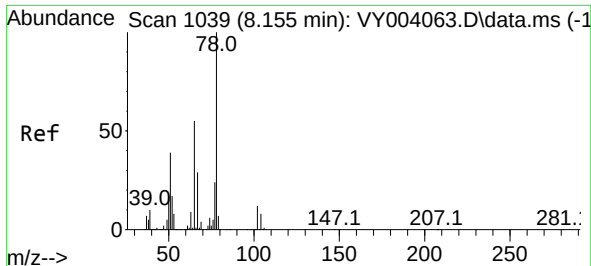
Tgt Ion: 43 Resp: 3178
Ion Ratio Lower Upper
43 100
58 30.1 22.6 34.0



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

Tgt Ion: 56 Resp: 3754
Ion Ratio Lower Upper
56 100
69 148.8 25.3 37.9#
84 115.2 67.3 100.9#

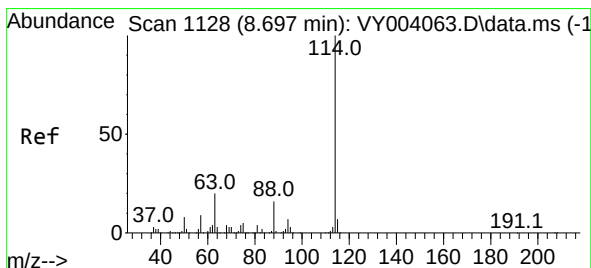
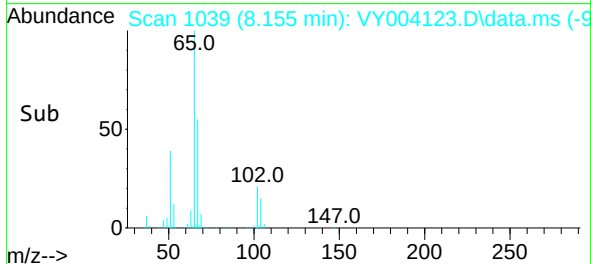
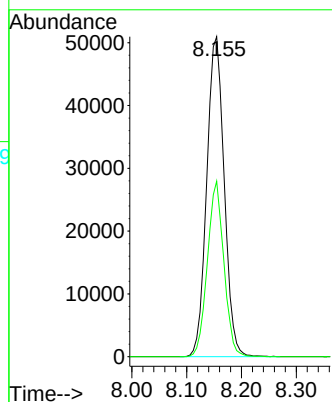
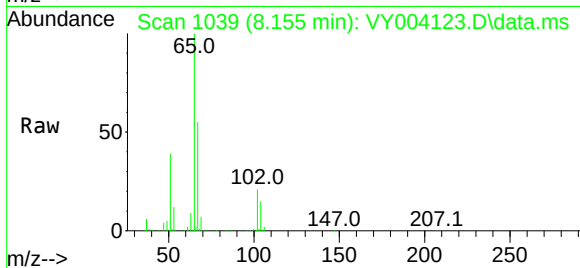




#33
1,2-Dichloroethane-d4
Concen: 58.89 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

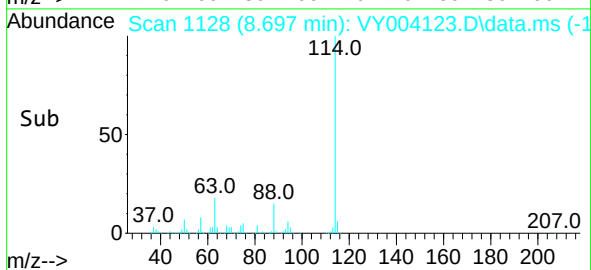
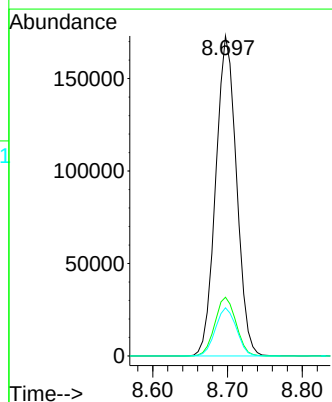
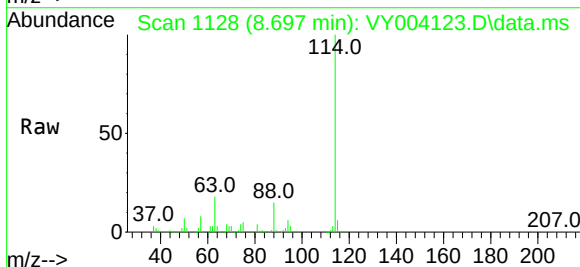
Instrument :
MSVOA_Y
ClientSampled :

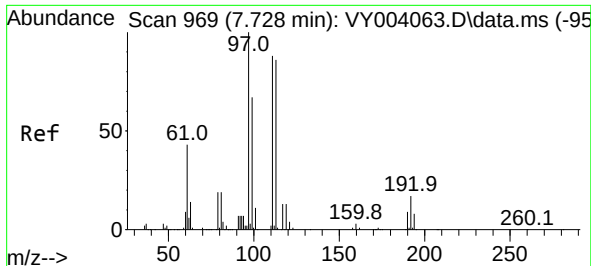
Tgt Ion: 65 Resp: 112501
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

Tgt Ion:114 Resp: 334780
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.6
88 15.1 0.0 31.4

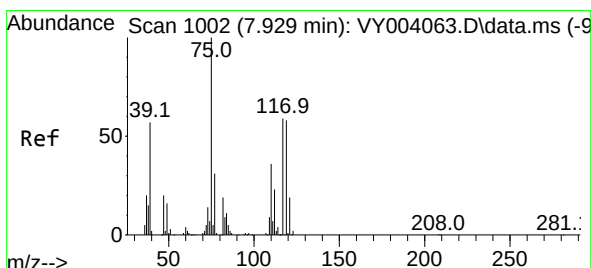
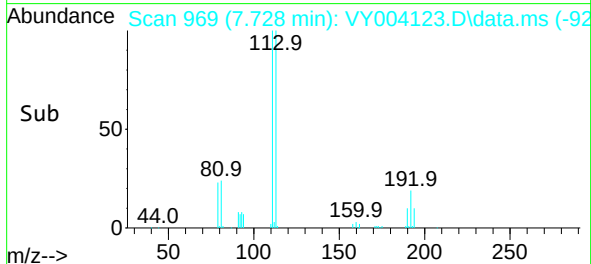
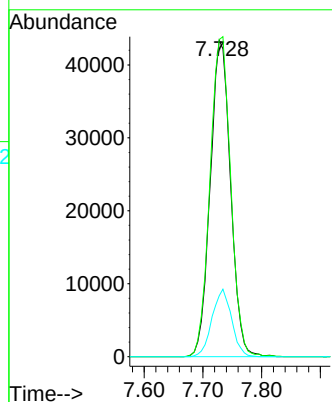
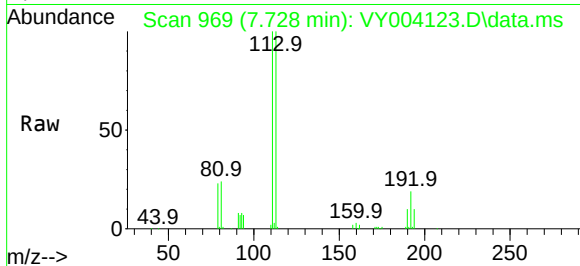




#35
Dibromofluoromethane
Concen: 55.14 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

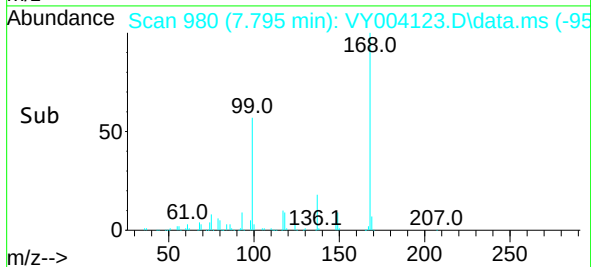
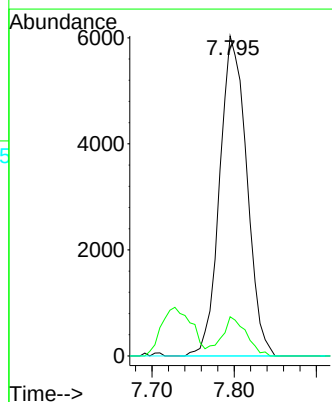
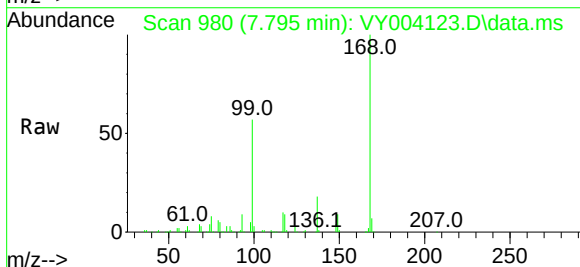
Instrument :
MSVOA_Y
ClientSampleId :

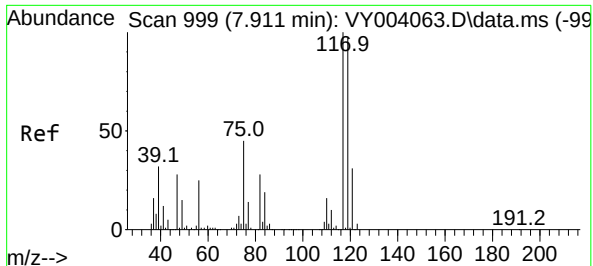
Tgt Ion:113 Resp: 104091
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 20.5 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

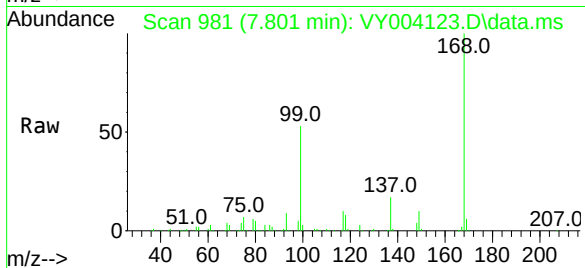
Tgt Ion: 75 Resp: 13805
Ion Ratio Lower Upper
75 100
110 11.2 17.4 52.3#
77 0.0 24.5 36.7#



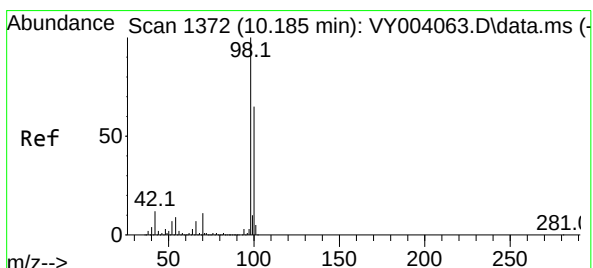
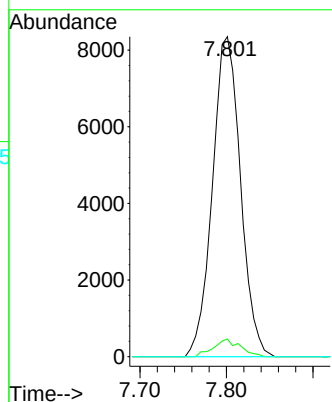
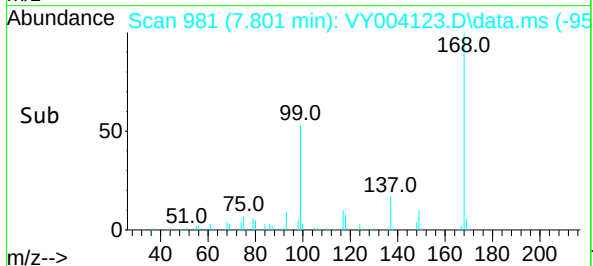


#38
Carbon Tetrachloride
Concen: 6.03 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

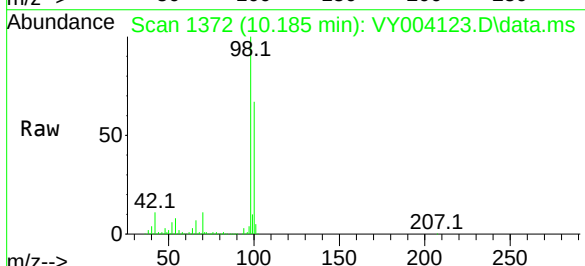
Instrument :
MSVOA_Y
ClientSampleId :



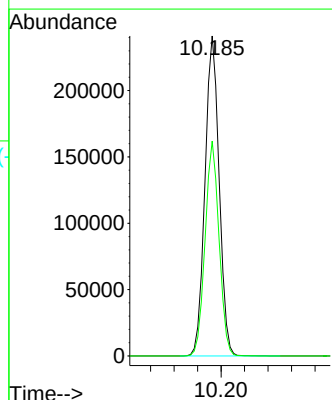
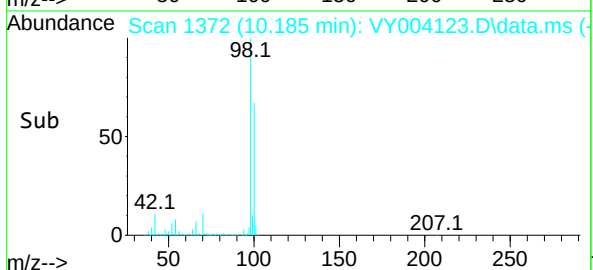
Tgt Ion:117 Resp: 18814
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.0#
121 0.0 24.2 36.2#

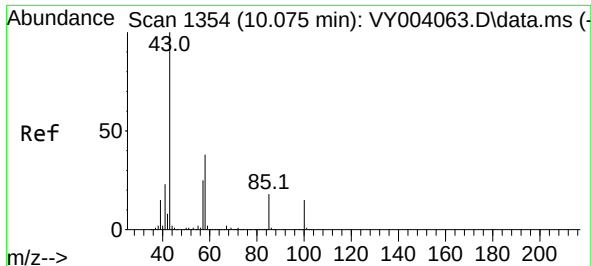


#50
Toluene-d8
Concen: 54.47 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47



Tgt Ion: 98 Resp: 403120
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6

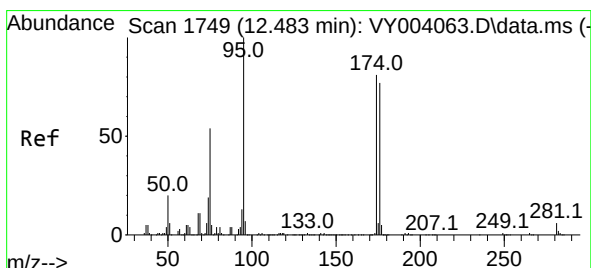
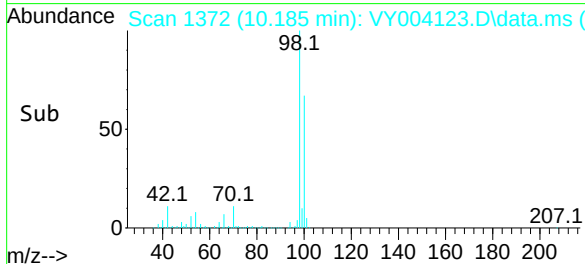
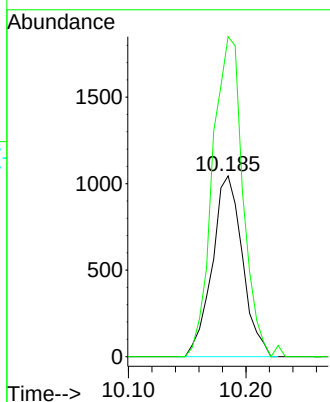
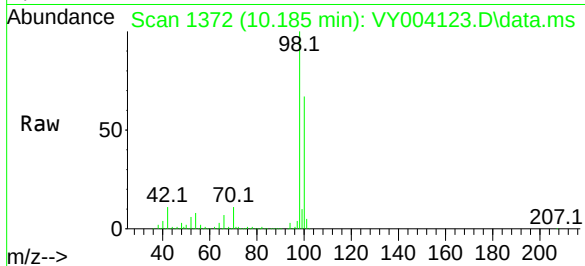




#51
4-Methyl-2-Pentanone
Concen: 1.16 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

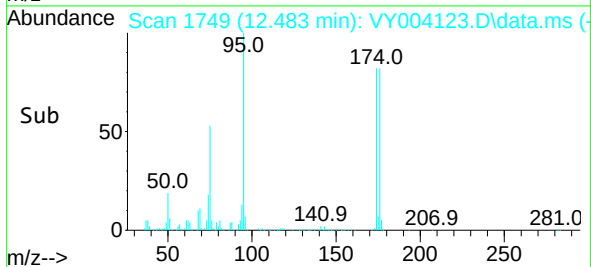
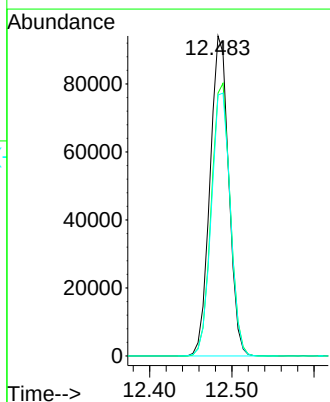
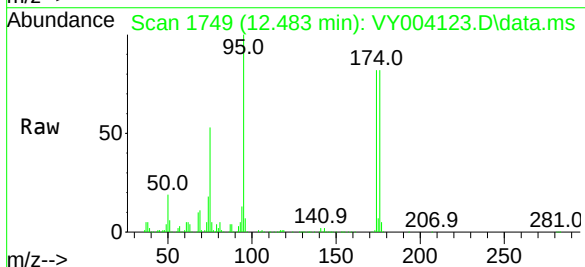
Instrument :
MSVOA_Y
ClientSampled :

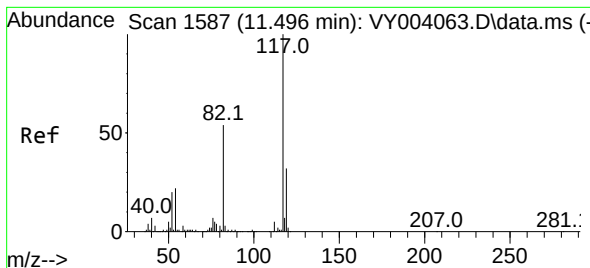
Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
58 178.5 29.8 44.8#



#62
4-Bromofluorobenzene
Concen: 54.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

Tgt Ion: 95 Resp: 148745
Ion Ratio Lower Upper
95 100
174 85.7 0.0 179.0
176 83.7 0.0 174.4

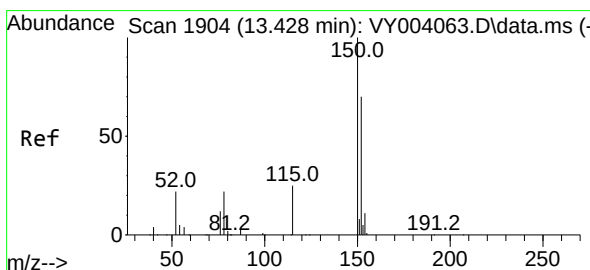
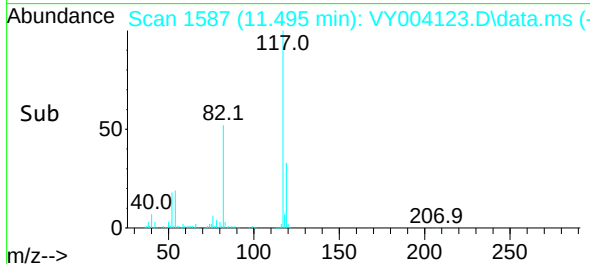
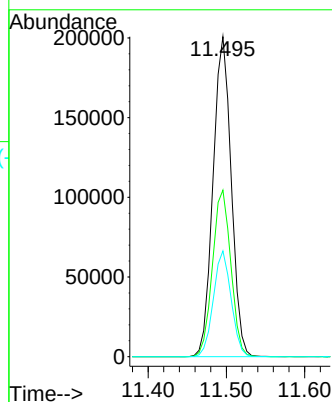
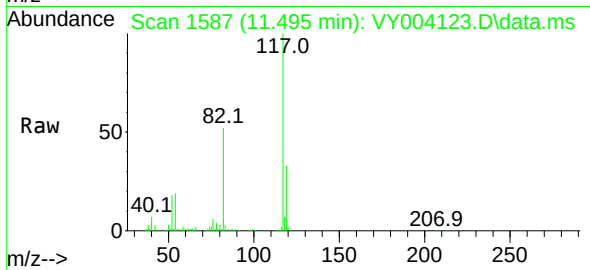




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

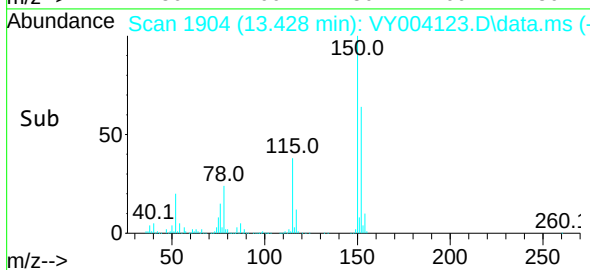
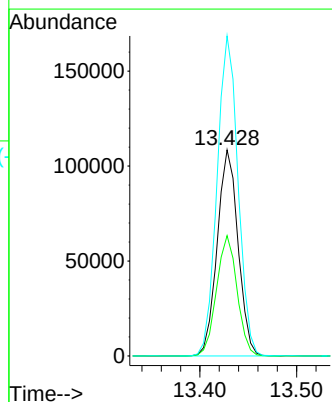
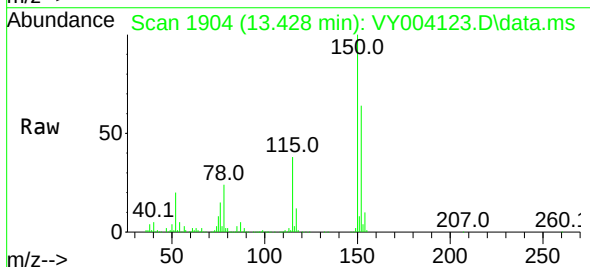
Instrument :
MSVOA_Y
ClientSampleId :

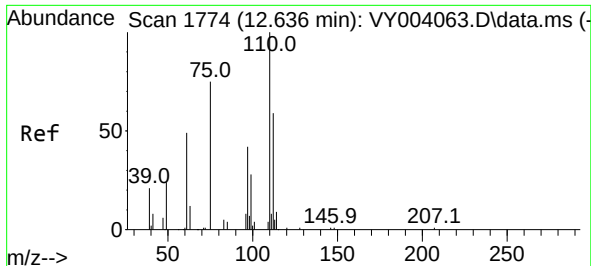
Tgt Ion:117 Resp: 323518
Ion Ratio Lower Upper
117 100
82 52.0 43.8 65.6
119 33.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

Tgt Ion:152 Resp: 162457
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.6
150 156.1 0.0 347.2

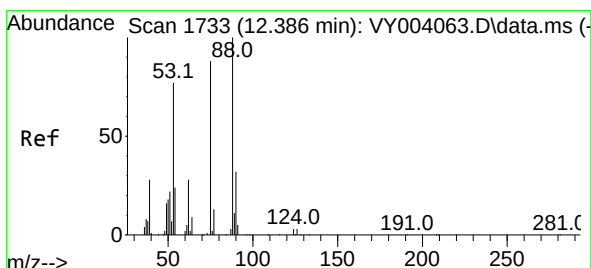
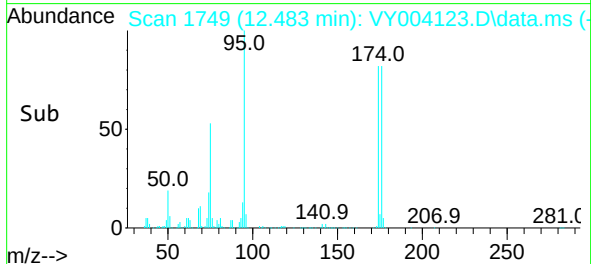
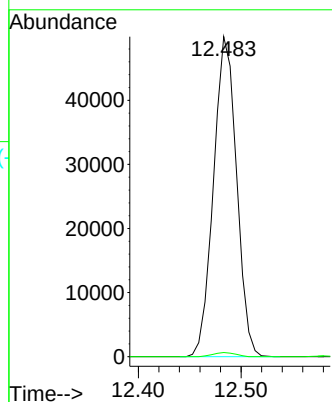
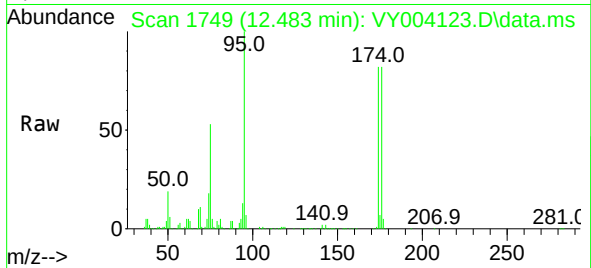




#76
1,2,3-Trichloropropane
Concen: 49.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 77856
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004123.D
Acq: 18 Mar 2021 15:47

Tgt Ion: 75 Resp: 77856
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.1 35.7 53.5#

