

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004161.D
 Acq On : 22 Mar 2021 14:08
 Operator : SY/MD
 Sample : M1746-06RE
 Misc : 5.53g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 23 01:10:07 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)

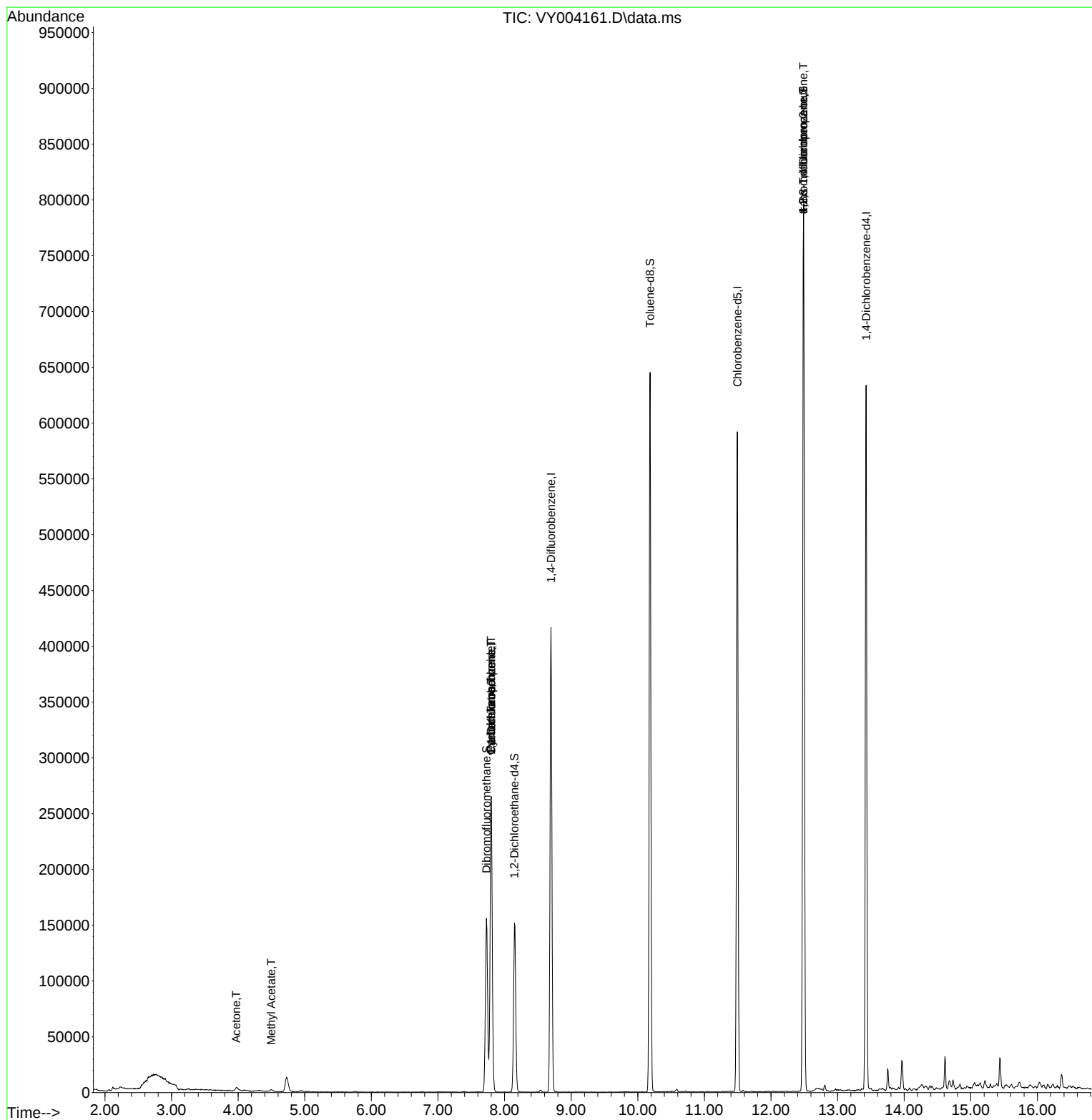
Internal Standards						
1) Pentafluorobenzene	7.801	168	212041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	355329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	331851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119298	57.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.02%
35) Dibromofluoromethane	7.728	113	105427	52.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.22%
50) Toluene-d8	10.185	98	419128	53.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.70%
62) 4-Bromofluorobenzene	12.483	95	151626	52.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.52%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1240	Below Cal		91
16) Acetone	3.973	43	6812	13.49 ug/l		94
18) Methyl Acetate	4.497	43	3238	2.59 ug/l		97
20) Methylene Chloride	4.729	84	10099	Below Cal		93
31) Cyclohexane	7.795	56	4121	1.12 ug/l #		1
36) 1,1-Dichloropropene	7.795	75	15568	4.99 ug/l #		50
38) Carbon Tetrachloride	7.795	117	20423	6.17 ug/l #		16
76) 1,2,3-Trichloropropane	12.483	75	81222	53.30 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	81222	105.19 ug/l #		13

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

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Response via : Initial Calibration

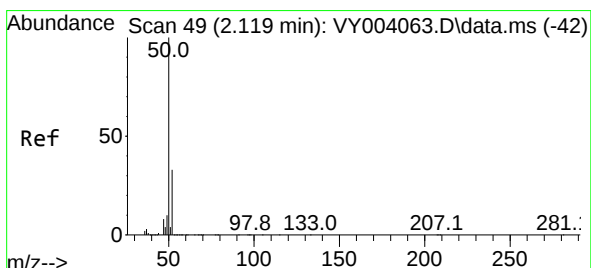
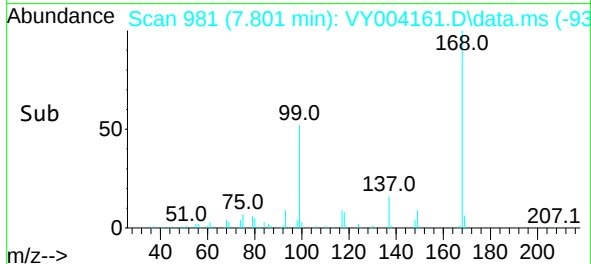
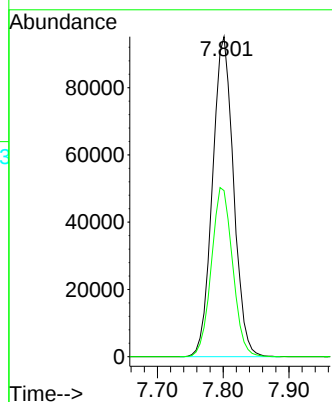
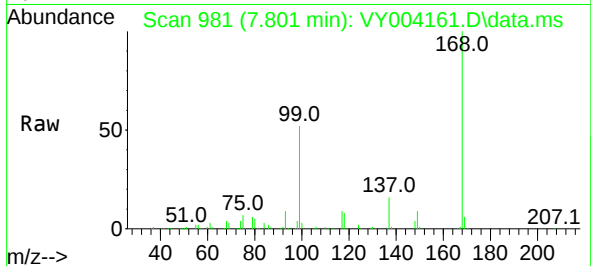




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

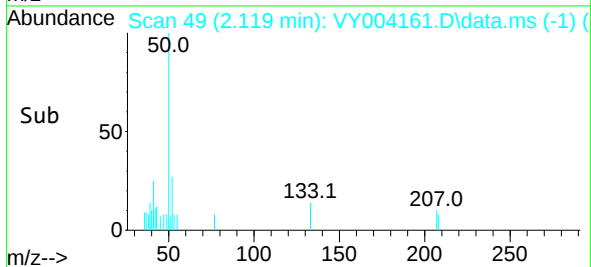
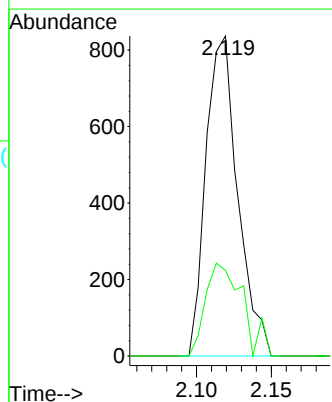
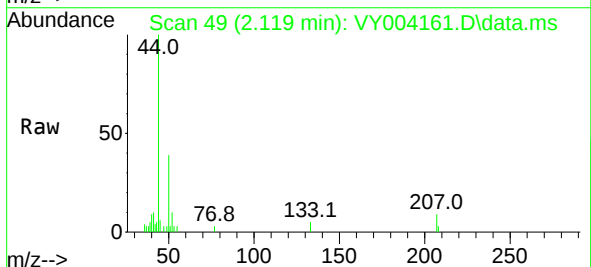
Instrument :
MSVOA_Y
ClientSampled :

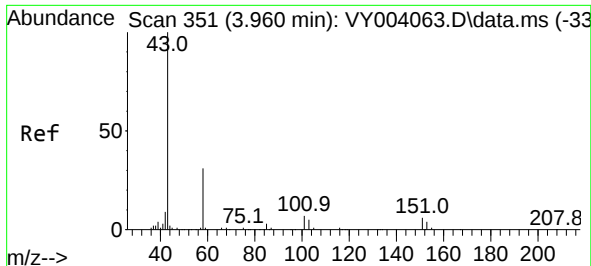
Tgt Ion:168 Resp: 212041
Ion Ratio Lower Upper
168 100
99 51.9 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

Tgt Ion: 50 Resp: 1240
Ion Ratio Lower Upper
50 100
52 26.8 25.4 38.2

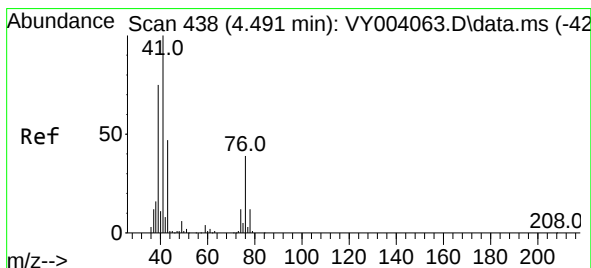
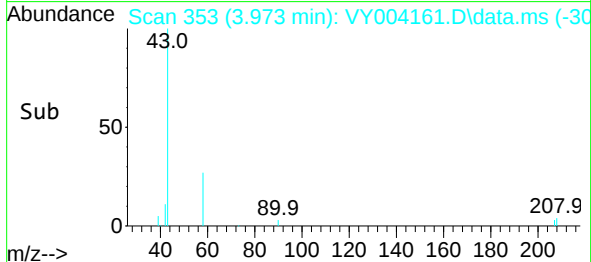
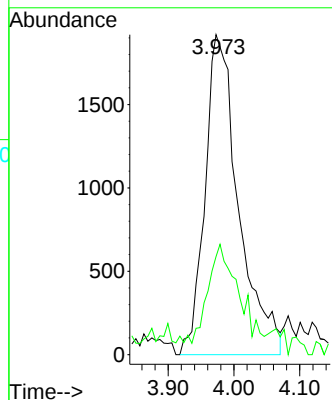
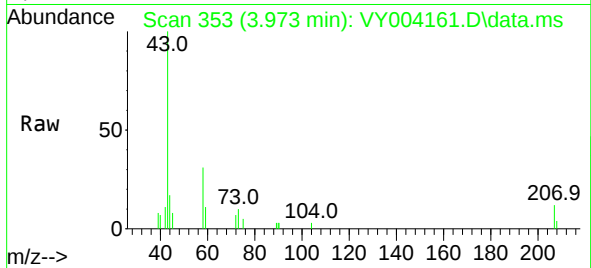




#16
Acetone
Concen: 13.49 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

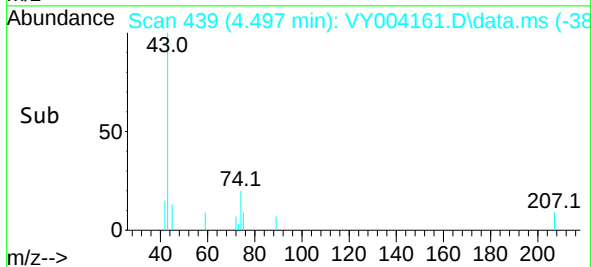
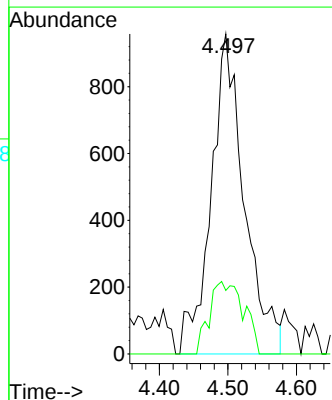
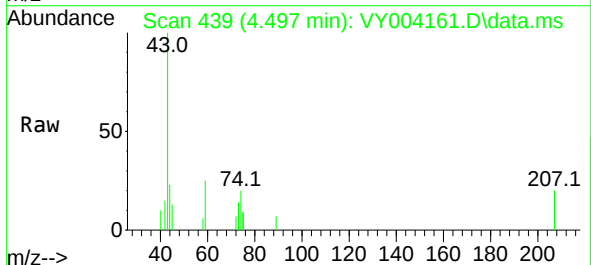
Instrument :
MSVOA_Y
ClientSampled :

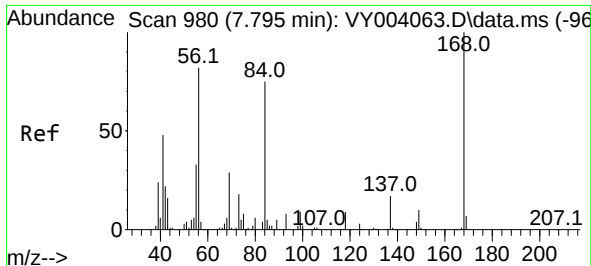
Tgt Ion: 43 Resp: 6812
Ion Ratio Lower Upper
43 100
58 25.1 22.6 34.0



#18
Methyl Acetate
Concen: 2.59 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

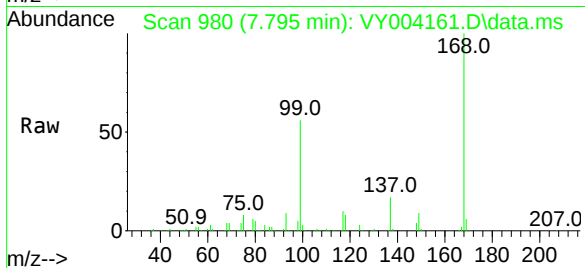
Tgt Ion: 43 Resp: 3238
Ion Ratio Lower Upper
43 100
74 23.3 17.6 26.4



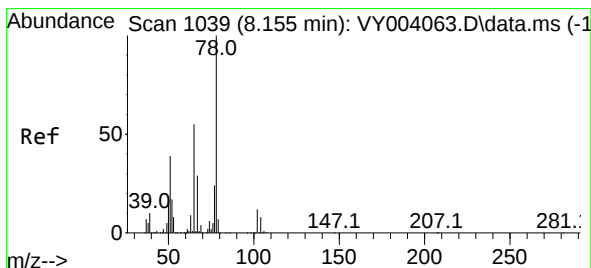
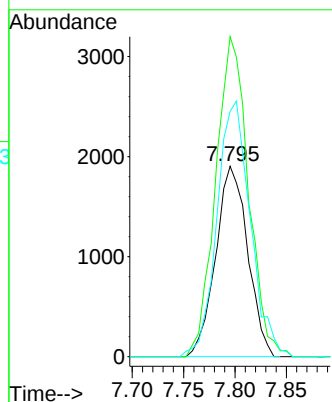
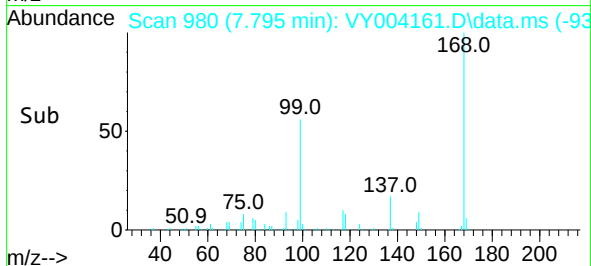


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

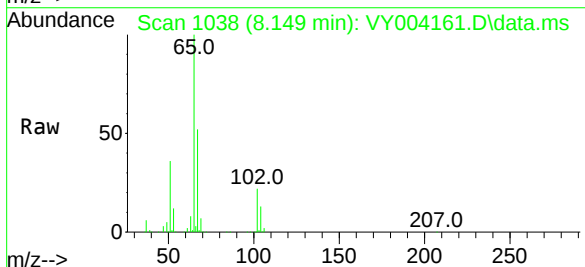
Instrument :
MSVOA_Y
ClientSampled :



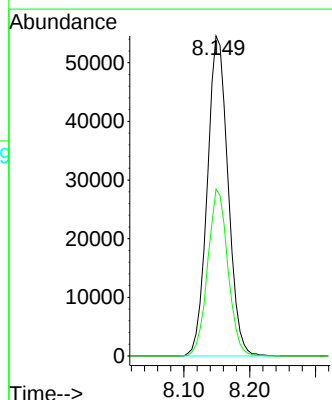
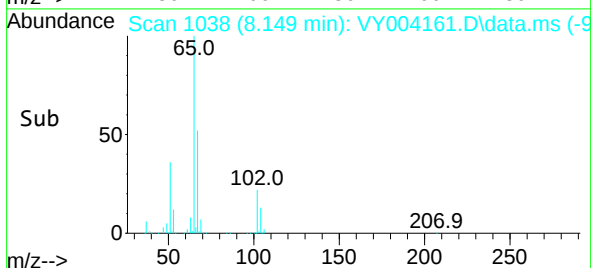
Tgt Ion: 56 Resp: 4121
Ion Ratio Lower Upper
56 100
69 168.0 25.3 37.9#
84 128.8 67.3 100.9#

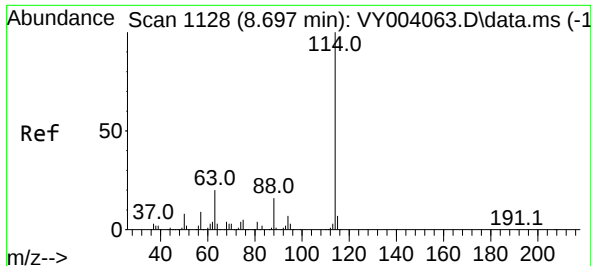


#33
1,2-Dichloroethane-d4
Concen: 57.01 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08



Tgt Ion: 65 Resp: 119298
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.4

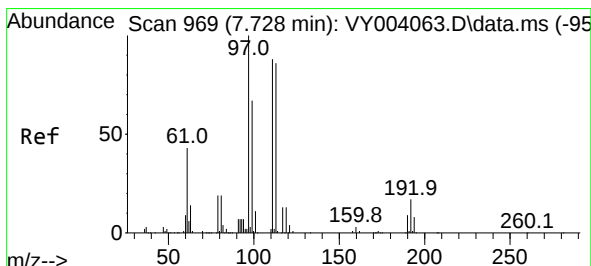
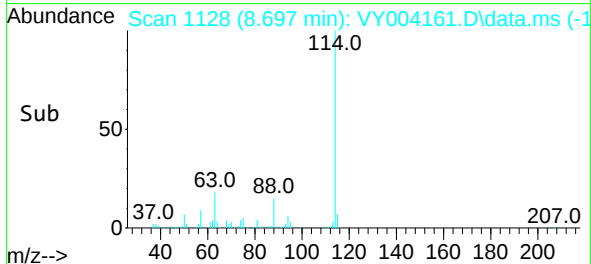
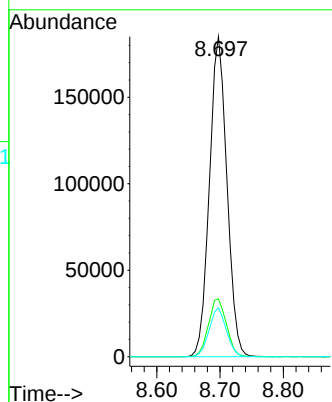
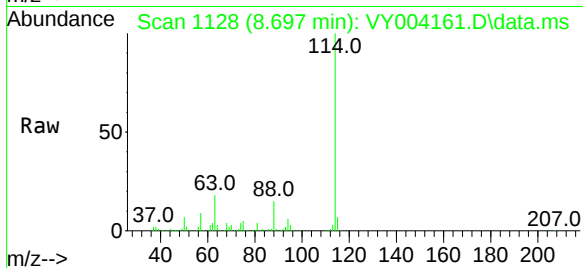




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

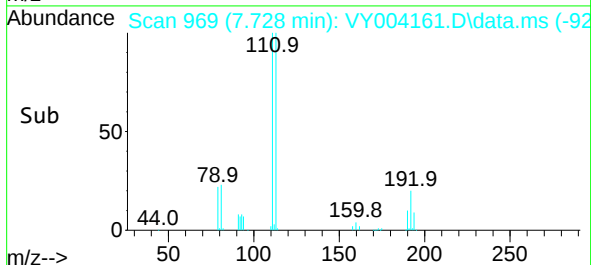
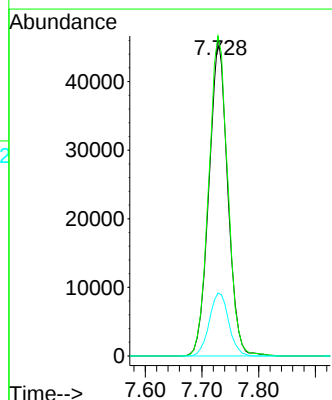
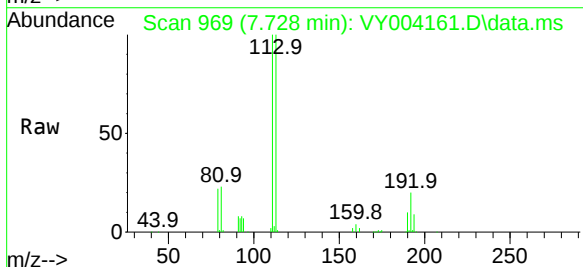
Instrument :
MSVOA_Y
ClientSampled :

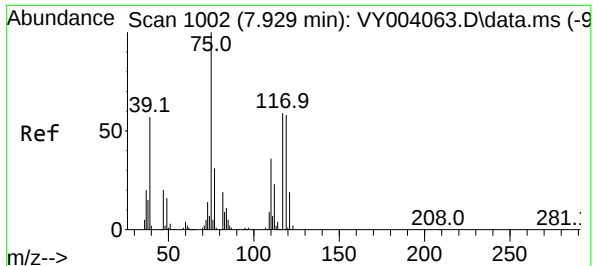
Tgt Ion:114 Resp: 355329
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.61 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

Tgt Ion:113 Resp: 105427
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 20.7 18.5 27.7

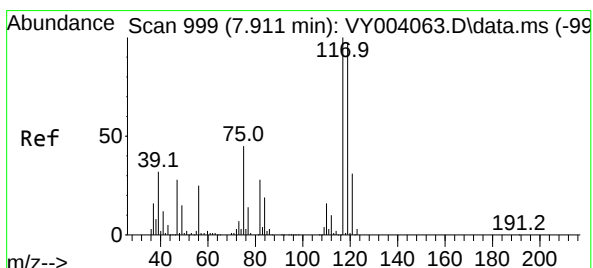
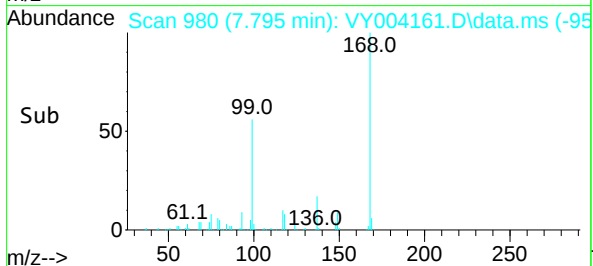
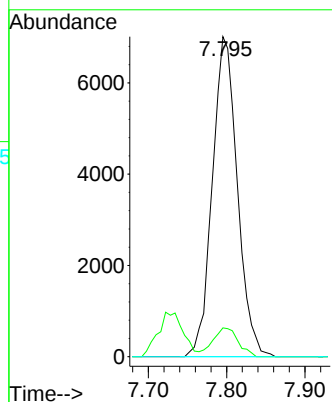
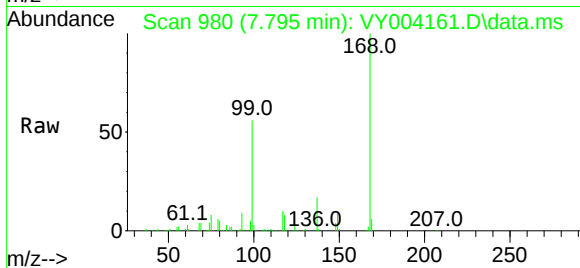




#36
 1,1-Dichloropropene
 Concen: 4.99 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY004161.D
 Acq: 22 Mar 2021 14:08

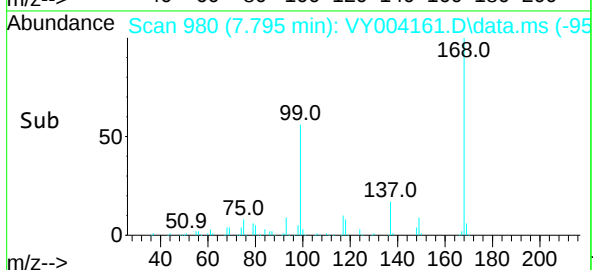
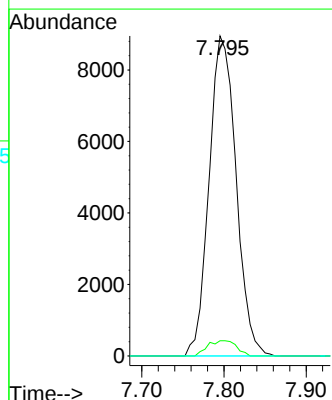
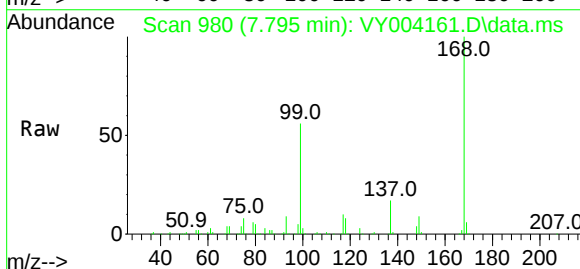
Instrument :
 MSVOA_Y
 ClientSampleId :

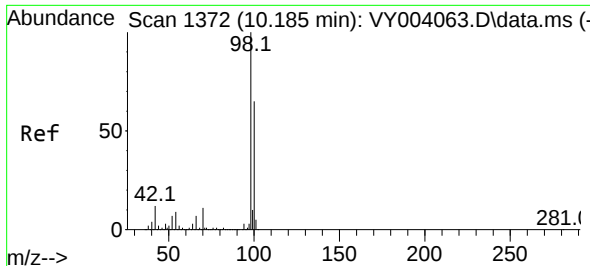
Tgt Ion: 75	Resp:	15568
Ion Ratio	Lower	Upper
75	100	
110	9.1	17.4 52.3#
77	0.0	24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.17 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY004161.D
 Acq: 22 Mar 2021 14:08

Tgt Ion: 117	Resp:	20423
Ion Ratio	Lower	Upper
117	100	
119	4.7	75.4 113.0#
121	0.0	24.2 36.2#

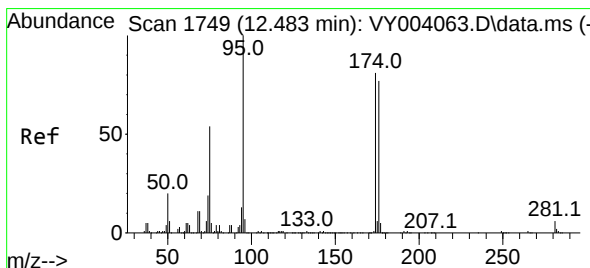
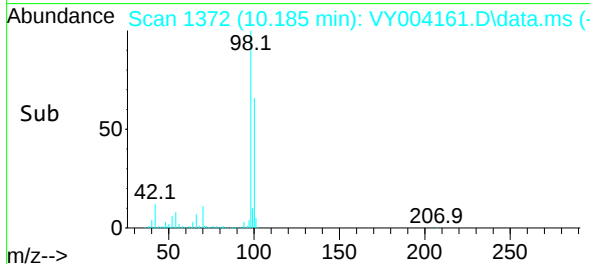
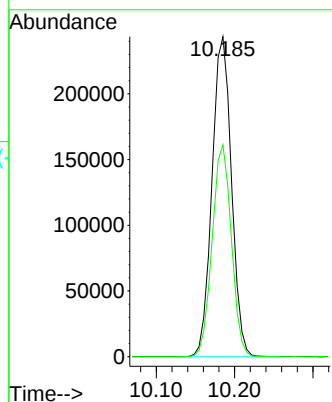
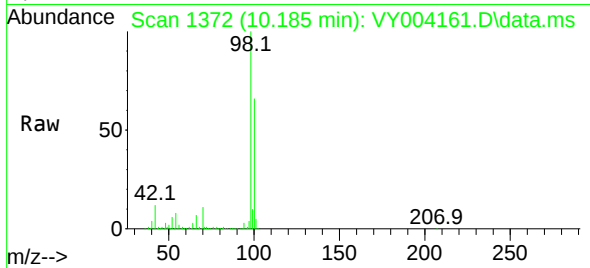




#50
Toluene-d8
Concen: 53.35 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

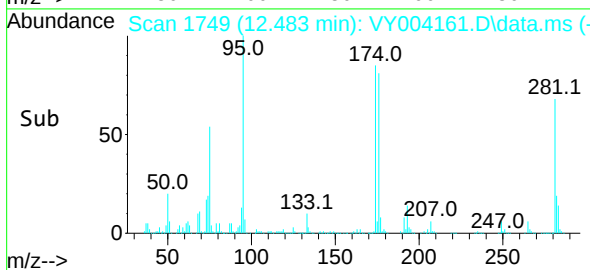
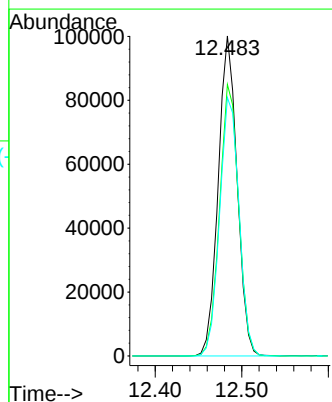
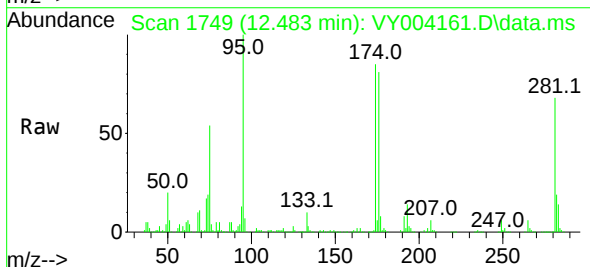
Instrument :
MSVOA_Y
ClientSampled :

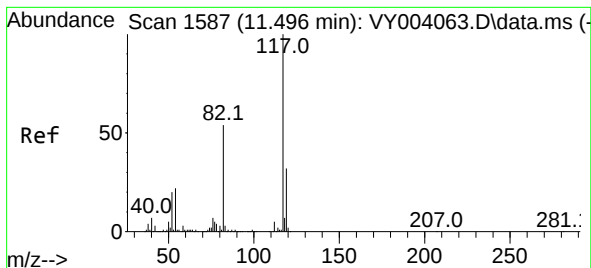
Tgt Ion: 98 Resp: 419128
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

Tgt Ion: 95 Resp: 151626
Ion Ratio Lower Upper
95 100
174 85.5 0.0 179.0
176 83.0 0.0 174.4

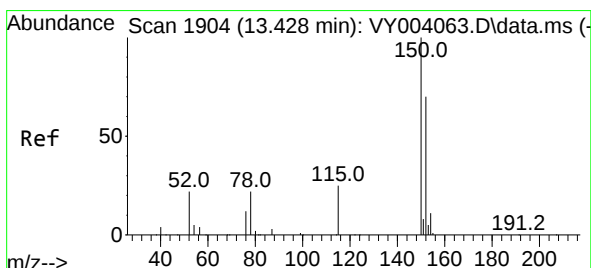
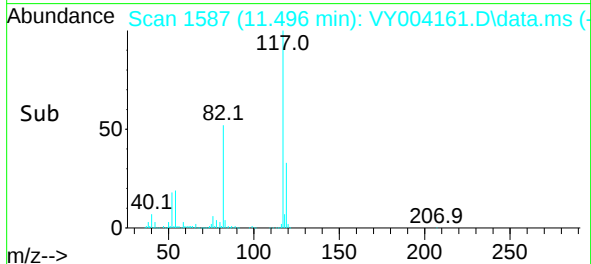
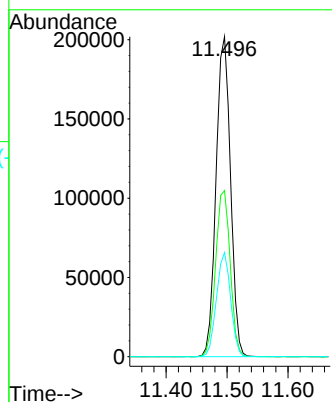
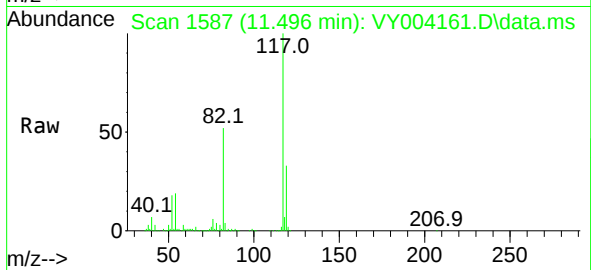




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

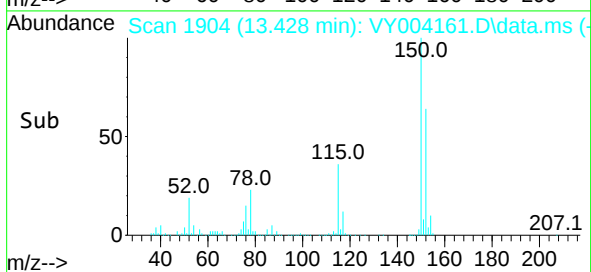
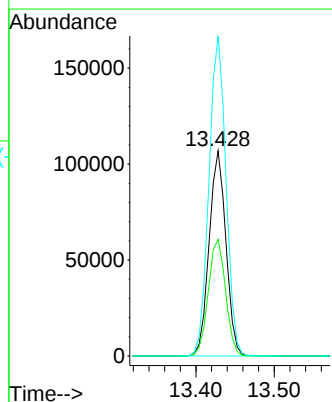
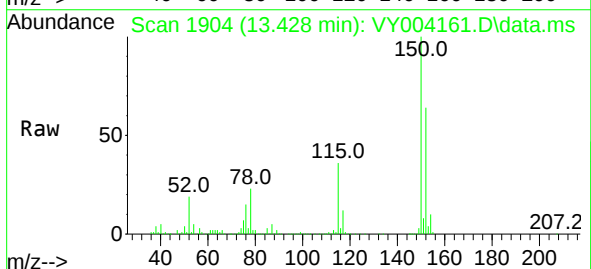
Instrument :
MSVOA_Y
ClientSampled :

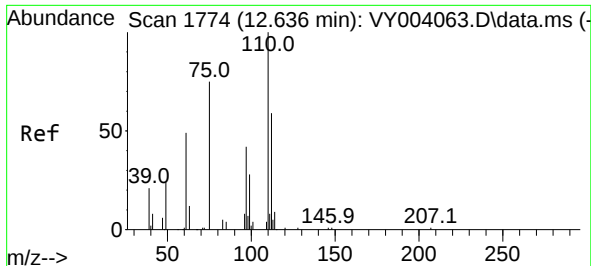
Tgt Ion:117 Resp: 331851
Ion Ratio Lower Upper
117 100
82 51.9 43.8 65.6
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

Tgt Ion:152 Resp: 158927
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.6
150 157.8 0.0 347.2

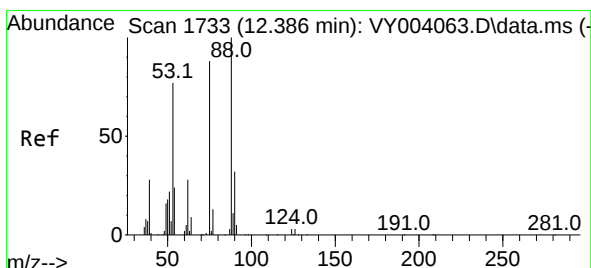
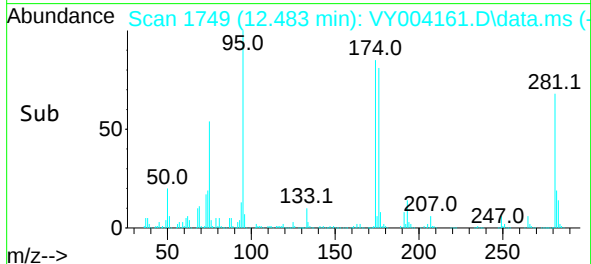
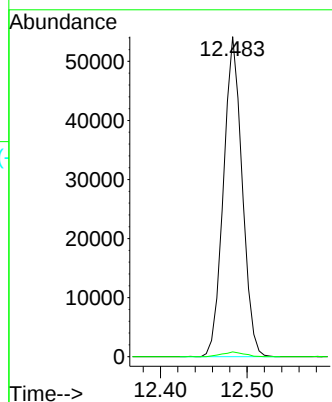
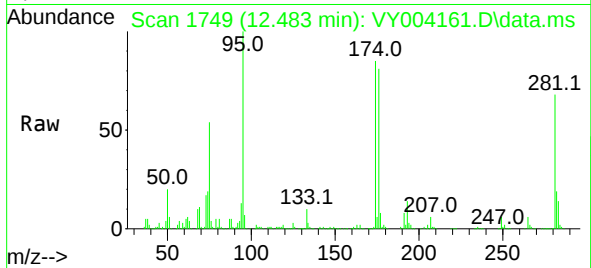




#76
1,2,3-Trichloropropane
Concen: 53.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 81222
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004161.D
Acq: 22 Mar 2021 14:08

Tgt Ion: 75 Resp: 81222
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 1.5 35.7 53.5#

