

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004186.D
 Acq On : 24 Mar 2021 14:25
 Operator : SY/MD
 Sample : M1671-02
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:19:56 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)

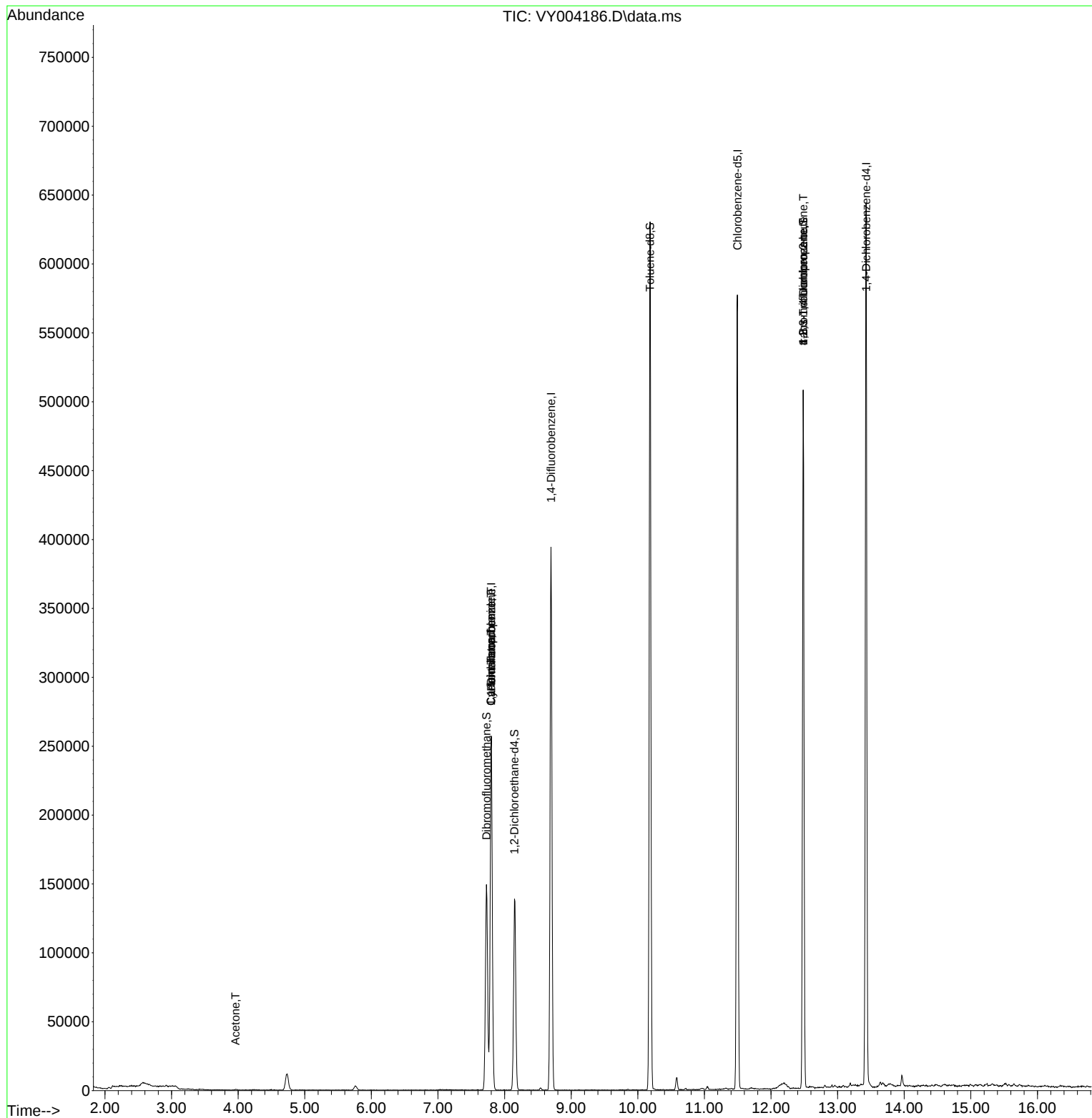
Internal Standards						
1) Pentafluorobenzene	7.801	168	199178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	335902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	317405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109289	55.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.20%
35) Dibromofluoromethane	7.728	113	100443	53.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.06%
50) Toluene-d8	10.185	98	396929	53.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.90%
62) 4-Bromofluorobenzene	12.483	95	148266	54.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.12%
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	759	Below Cal		98
16) Acetone	3.960	43	967	2.04 ug/l		94
20) Methylene Chloride	4.734	84	9422	Below Cal		87
31) Cyclohexane	7.795	56	4068	1.18 ug/l	#	27
36) 1,1-Dichloropropene	7.795	75	14456	4.90 ug/l	#	50
38) Carbon Tetrachloride	7.795	117	20033	6.40 ug/l	#	16
76) 1,2,3-Trichloropropane	12.483	75	77985	50.21 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77985	99.10 ug/l	#	13

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

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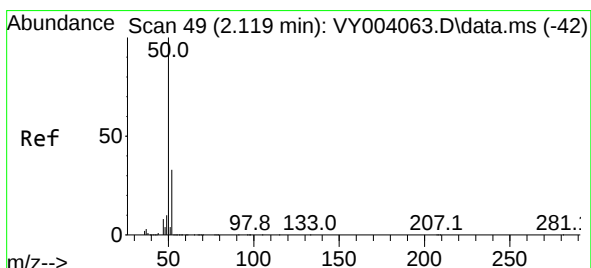
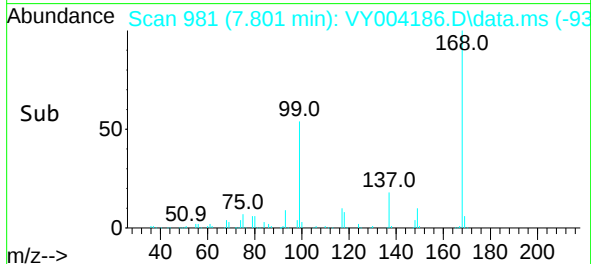
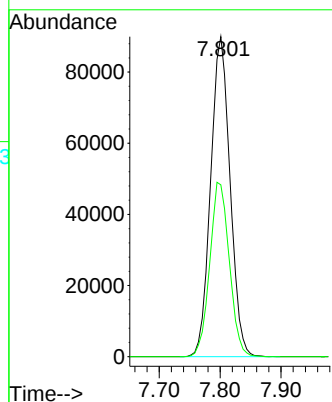
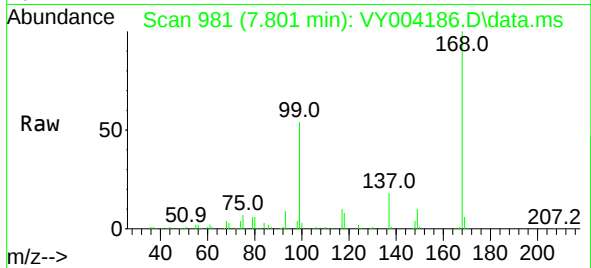




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

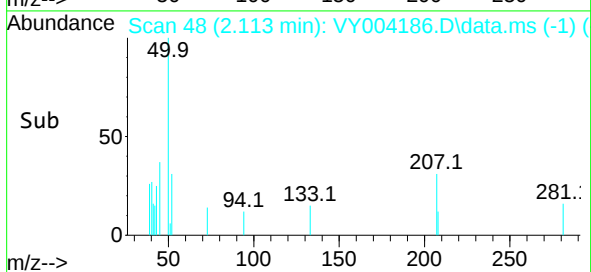
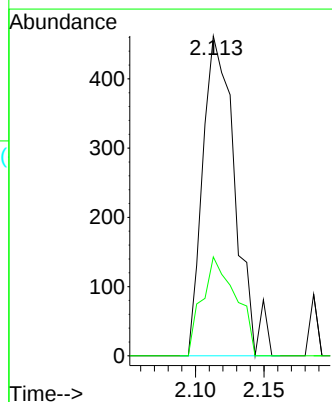
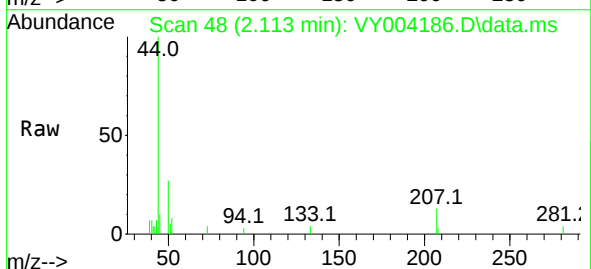
Instrument :
MSVOA_Y
ClientSampled :

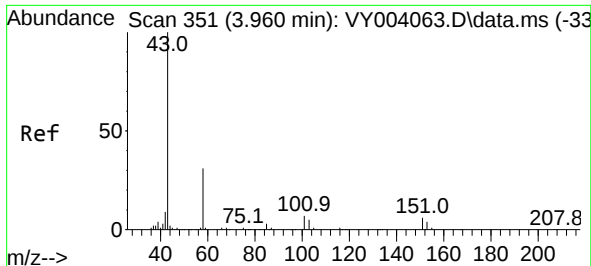
Tgt Ion:168 Resp: 199178
Ion Ratio Lower Upper
168 100
99 53.7 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Tgt Ion: 50 Resp: 759
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2

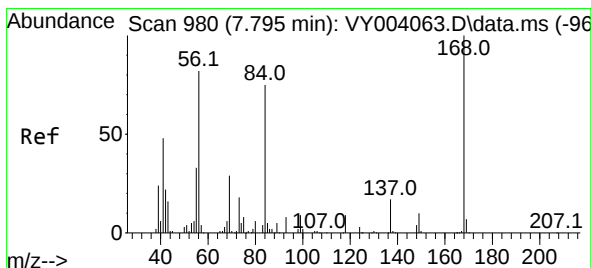
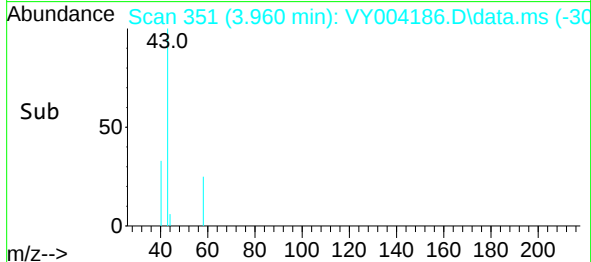
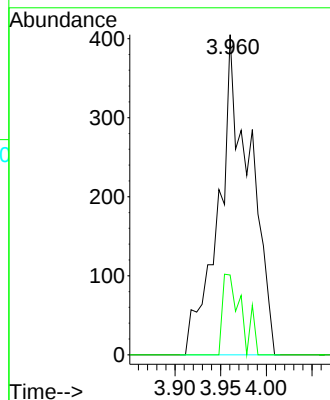
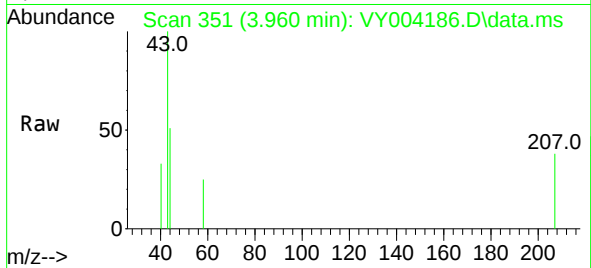




#16
Acetone
Concen: 2.04 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

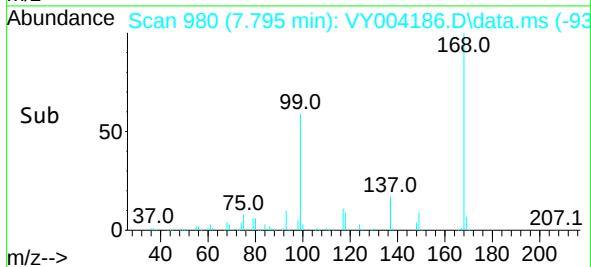
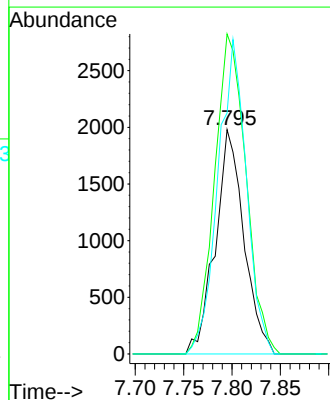
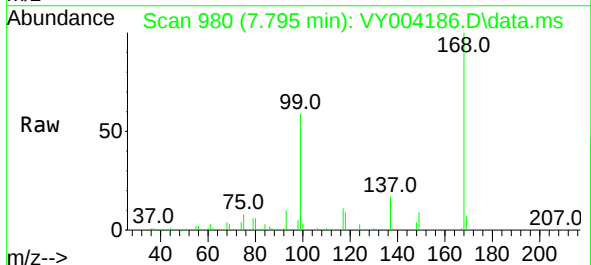
Instrument :
MSVOA_Y
ClientSampled :

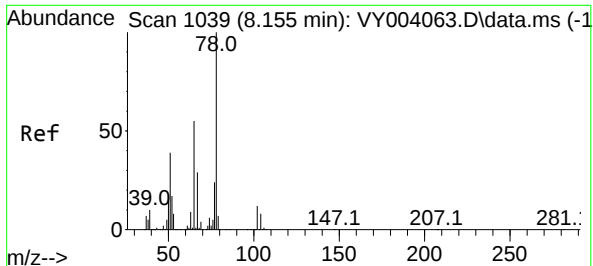
Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 24.9 22.6 34.0



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 142.6 25.3 37.9#
84 107.4 67.3 100.9#

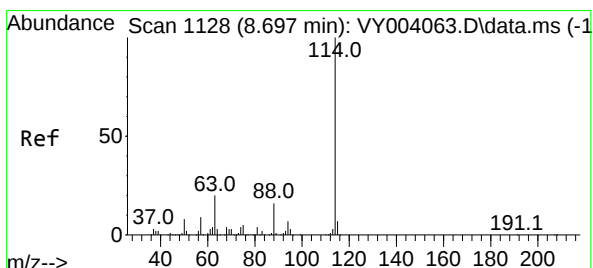
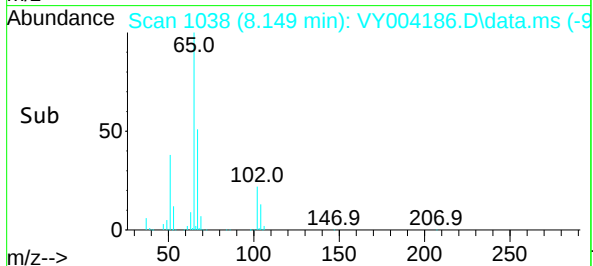
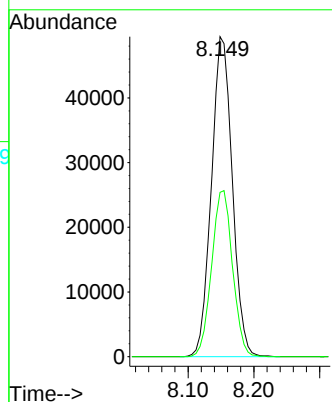
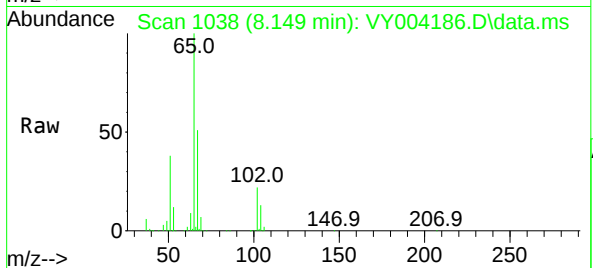




#33
1,2-Dichloroethane-d4
Concen: 55.60 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

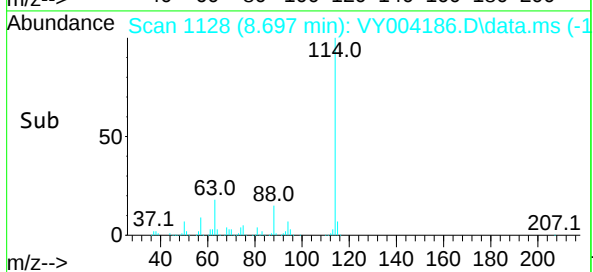
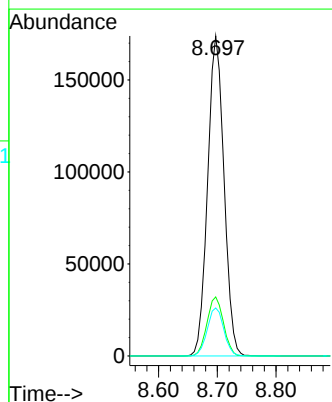
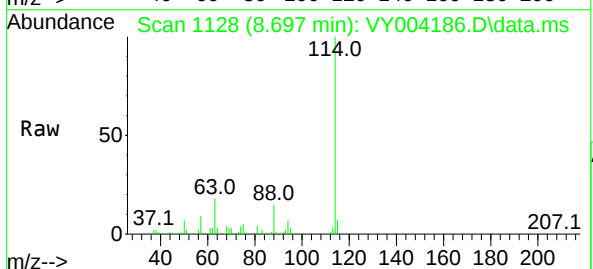
Instrument :
MSVOA_Y
ClientSampled :

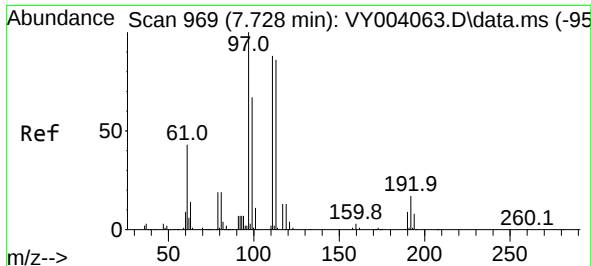
Tgt Ion: 65 Resp: 109289
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Tgt Ion:114 Resp: 335902
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.6
88 15.0 0.0 31.4

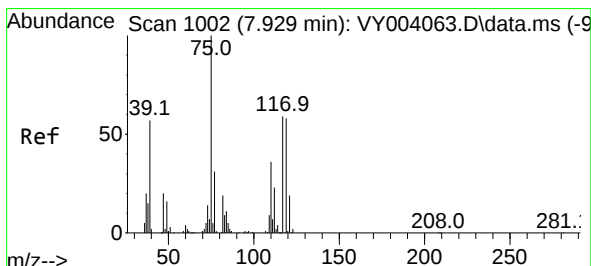
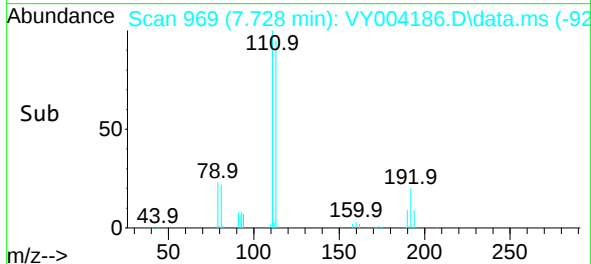
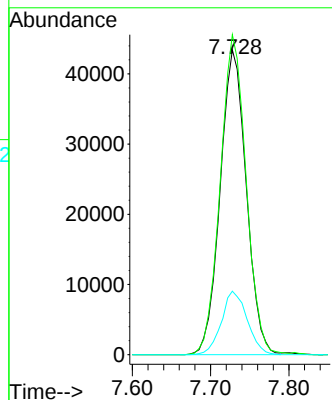
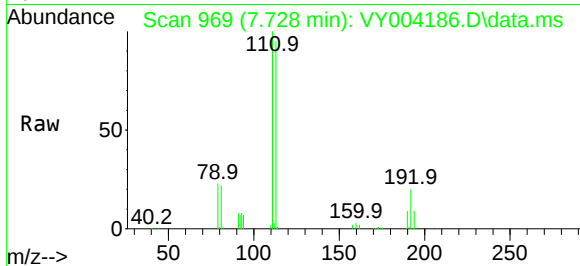




#35
Dibromofluoromethane
Concen: 53.03 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

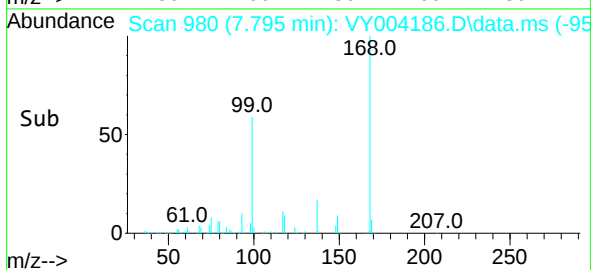
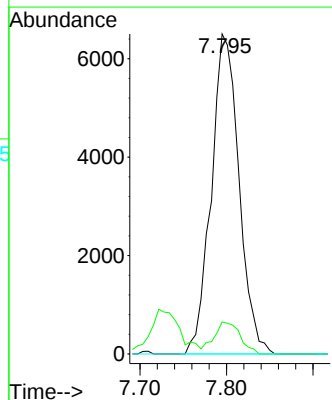
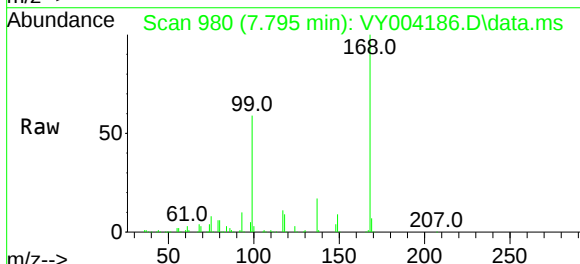
Instrument :
MSVOA_Y
ClientSampled :

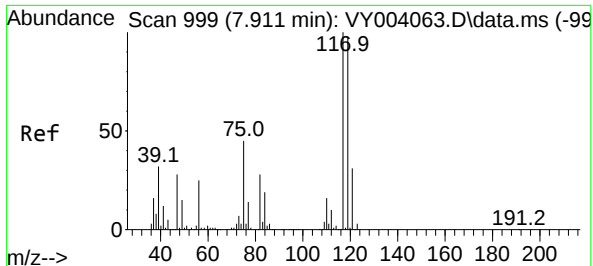
Tgt Ion:113 Resp: 100443
Ion Ratio Lower Upper
113 100
111 104.1 83.2 124.8
192 20.6 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

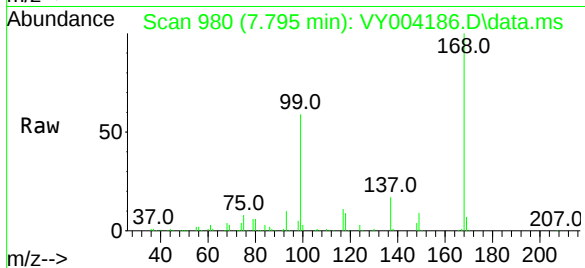
Tgt Ion: 75 Resp: 14456
Ion Ratio Lower Upper
75 100
110 9.4 17.4 52.3#
77 0.0 24.5 36.7#



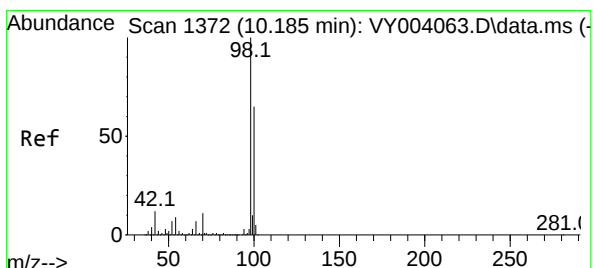
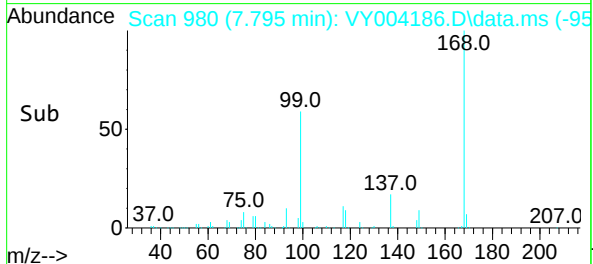
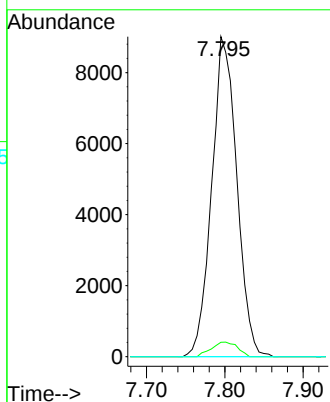


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Instrument :
MSVOA_Y
ClientSampled :

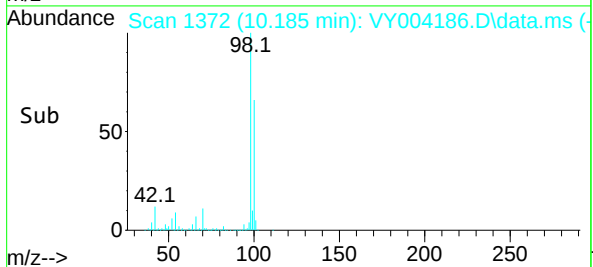
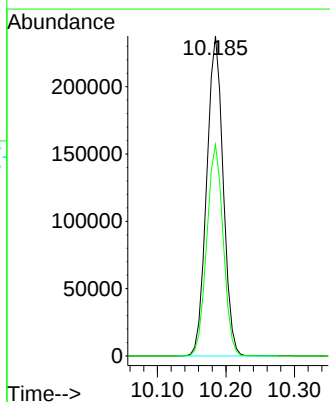
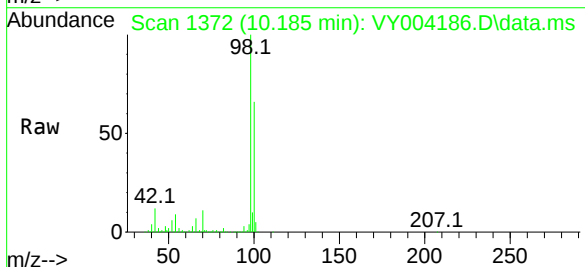


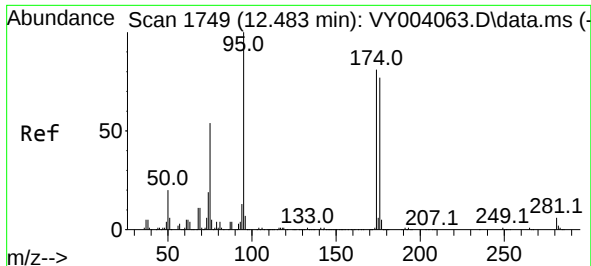
Tgt Ion:117 Resp: 20033
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.45 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Tgt Ion: 98 Resp: 396929
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6

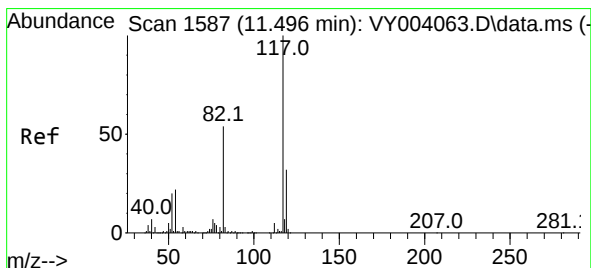
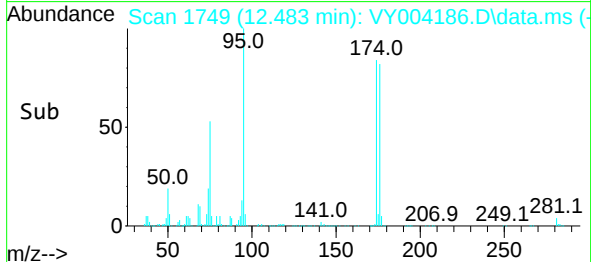
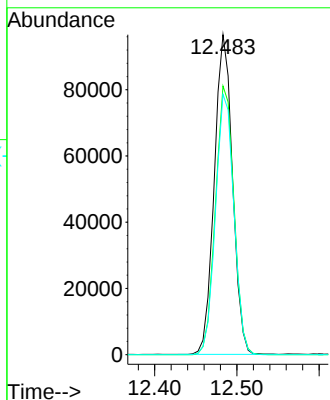
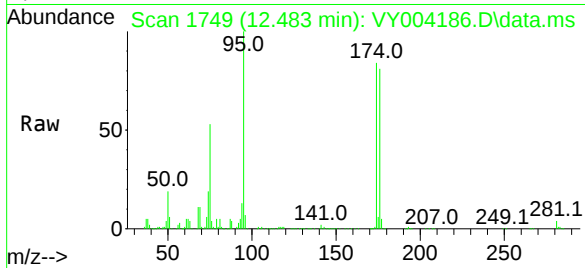




#62
4-Bromofluorobenzene
Concen: 54.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

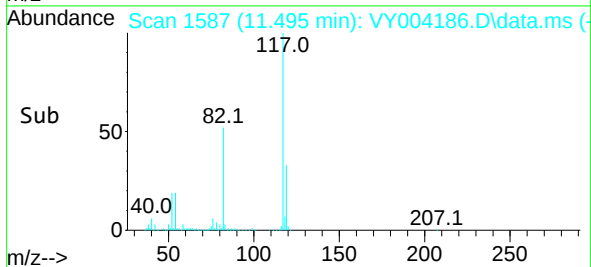
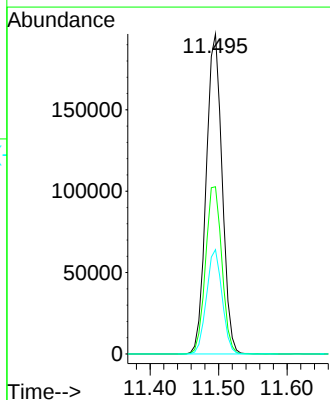
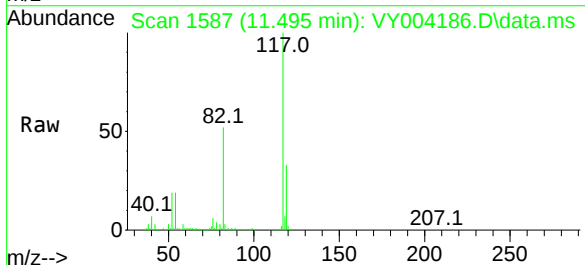
Instrument :
MSVOA_Y
ClientSampleId :

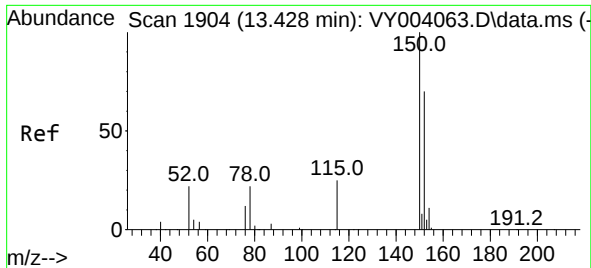
Tgt Ion: 95 Resp: 148266
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 82.3 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Tgt Ion: 117 Resp: 317405
Ion Ratio Lower Upper
117 100
82 52.2 43.8 65.6
119 32.6 26.2 39.2

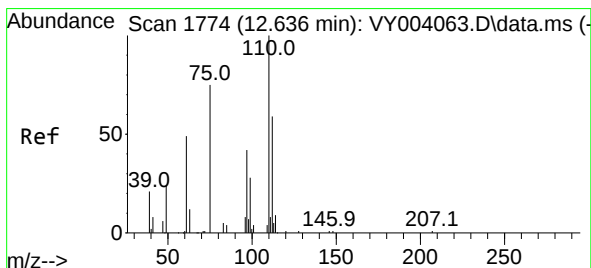
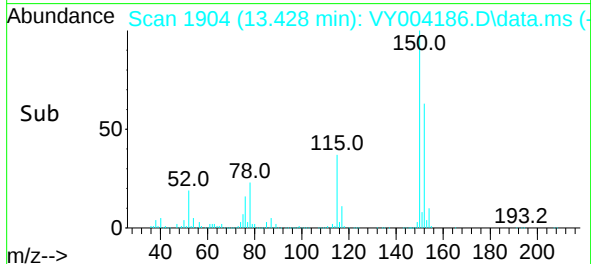
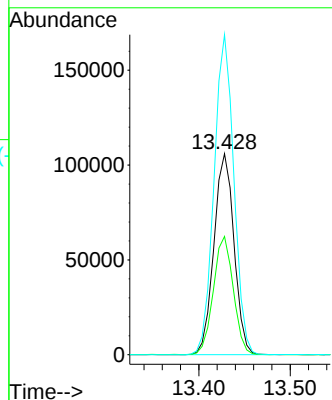
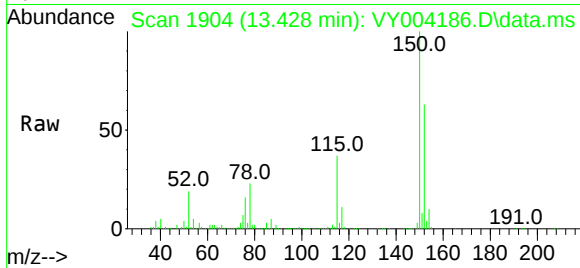




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

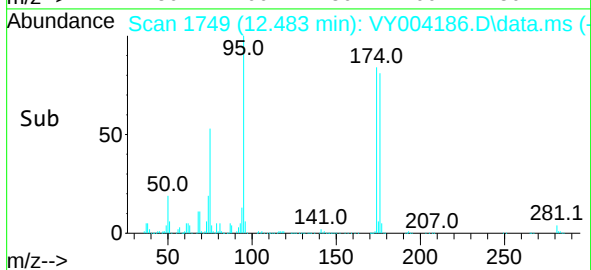
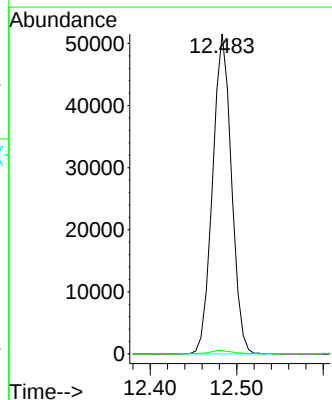
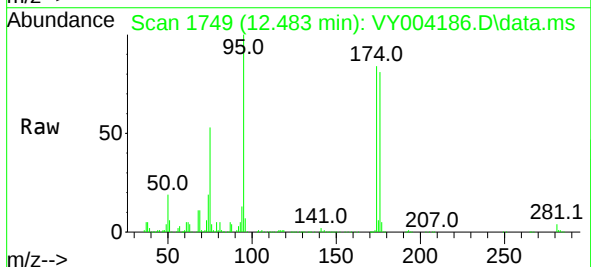
Instrument :
MSVOA_Y
ClientSampled :

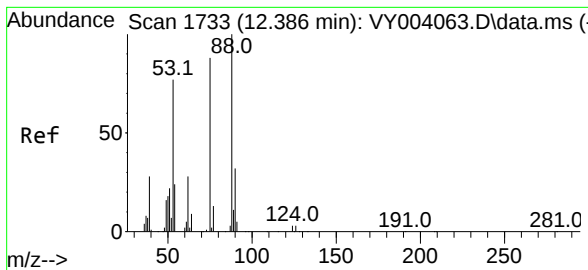
Tgt Ion:152 Resp: 161971
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.6
150 157.1 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 50.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

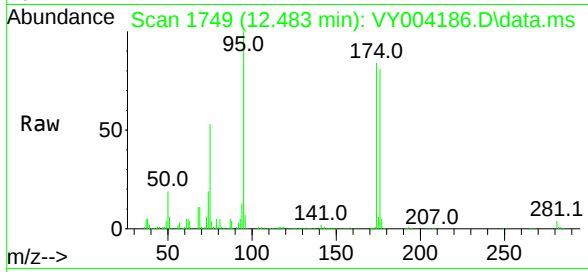
Tgt Ion: 75 Resp: 77985
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.10 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004186.D
 Acq: 24 Mar 2021 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.5	110.3#
89	0.0	35.7	53.5#

