

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004077.D
 Acq On : 11 Mar 2021 15:17
 Operator : SY/MD
 Sample : M1607-01
 Misc : 4.86g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 12 01:18:41 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)

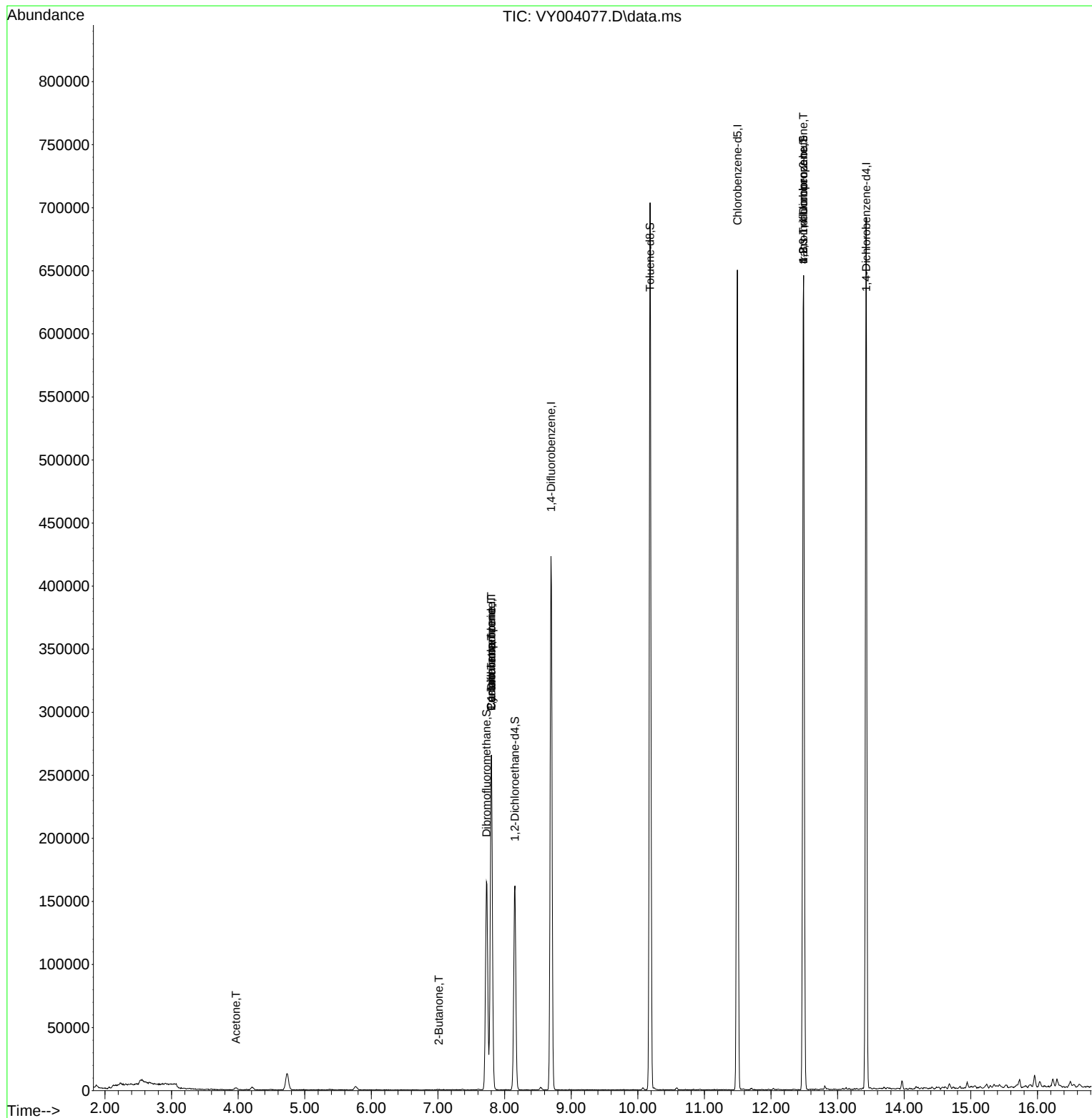
Internal Standards						
1) Pentafluorobenzene	7.801	168	210556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	370751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	349833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	126285	60.78	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.56%			
35) Dibromofluoromethane	7.728	113	116078	55.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.04%			
50) Toluene-d8	10.185	98	445359	54.34	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.68%			
62) 4-Bromofluorobenzene	12.483	95	163826	54.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.24%			
Target Compounds						
3) Chloromethane	2.125	50	673	Below Cal	#	82
16) Acetone	3.966	43	3049	6.08	ug/l	95
25) 2-Butanone	7.015	43	827	1.14	ug/l	# 51
31) Cyclohexane	7.801	56	4136	1.13	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	14827	4.55	ug/l	# 51
38) Carbon Tetrachloride	7.801	117	20467	5.92	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	87385	52.65	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	87385	103.91	ug/l	# 13

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

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MSVOA_Y
ClientSampleId :

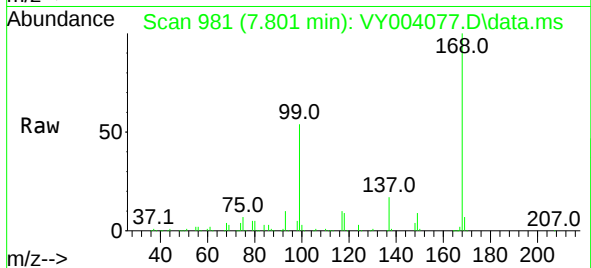
Quant Time: Mar 12 01:18:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration



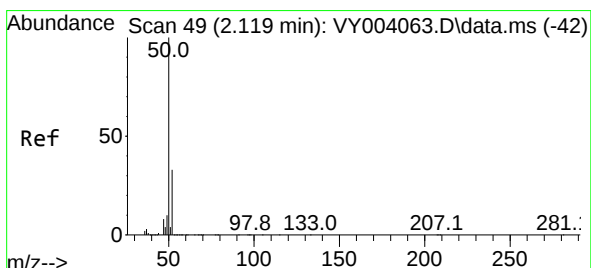
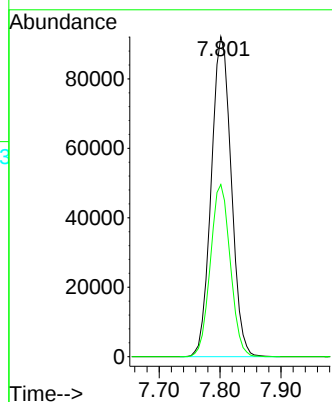
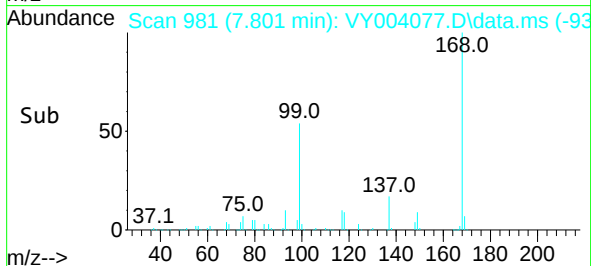


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

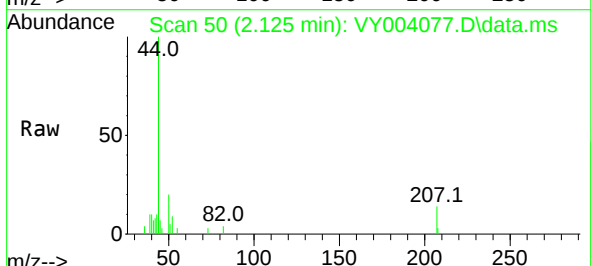
Instrument :
MSVOA_Y
ClientSampleId :



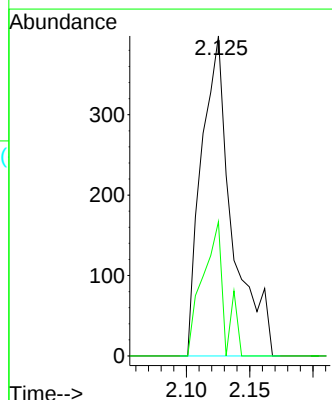
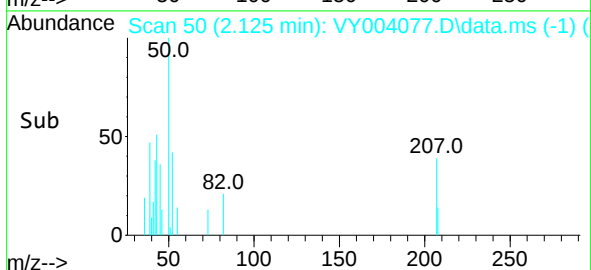
Tgt Ion:168 Resp: 210556
Ion Ratio Lower Upper
168 100
99 53.8 41.2 61.8

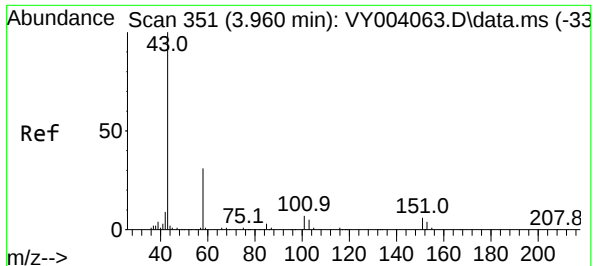


#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17



Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 42.0 25.4 38.2#

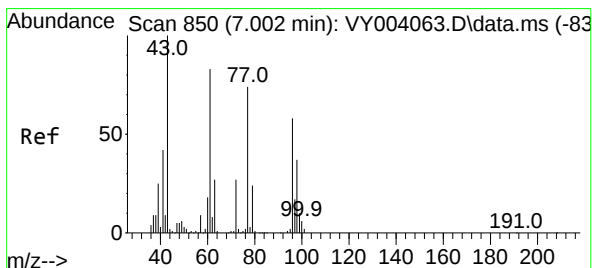
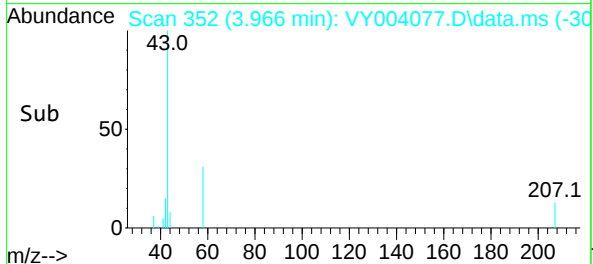
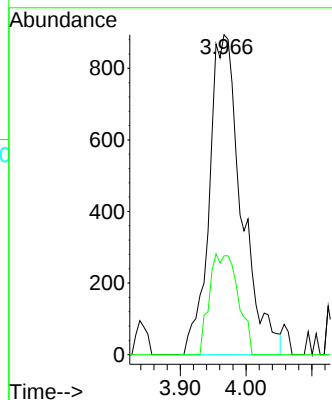
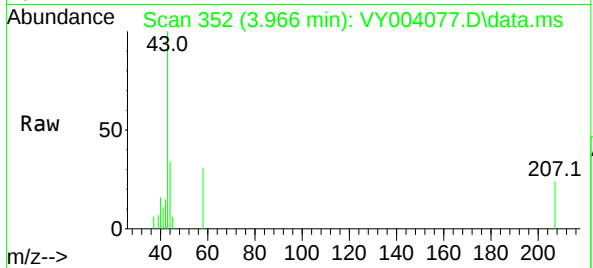




#16
Acetone
Concen: 6.08 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

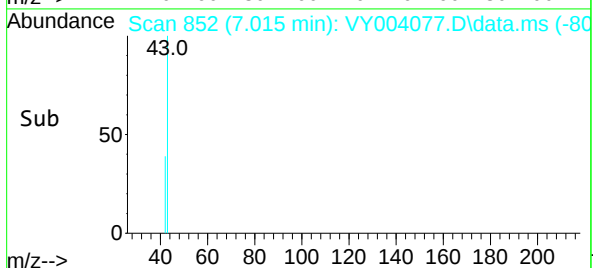
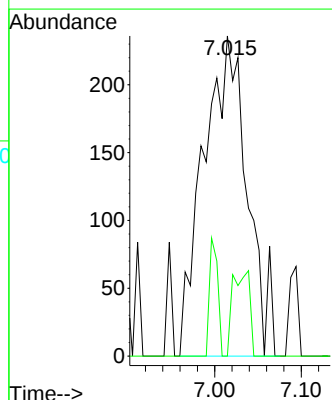
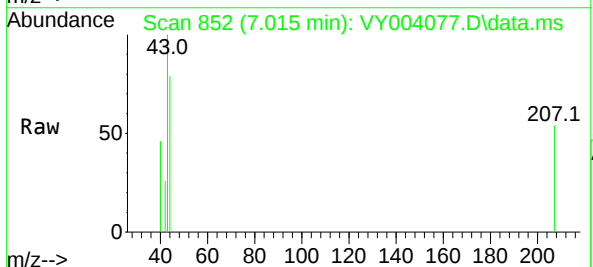
Instrument :
MSVOA_Y
ClientSampled :

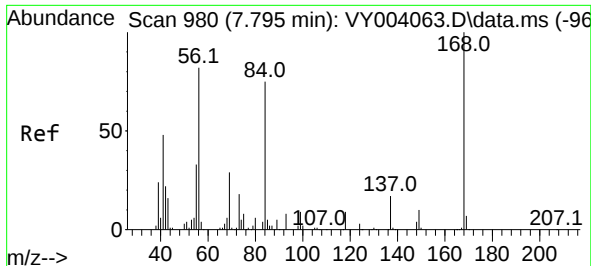
Tgt Ion: 43 Resp: 3049
Ion Ratio Lower Upper
43 100
58 30.9 22.6 34.0



#25
2-Butanone
Concen: 1.14 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.013 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

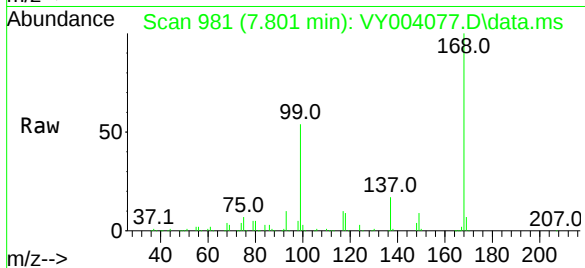
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.0#



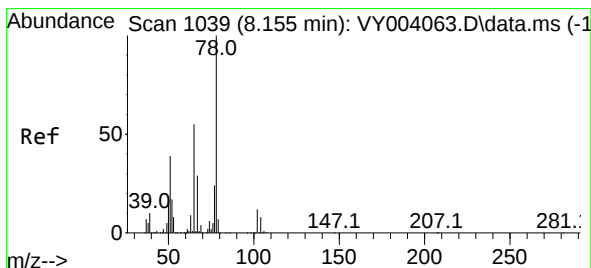
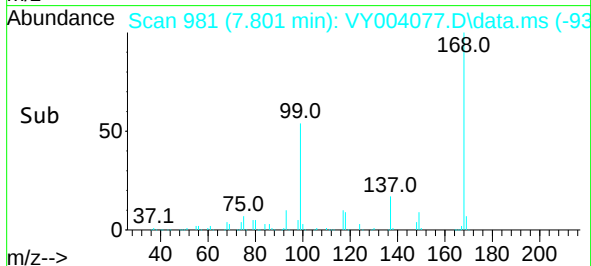
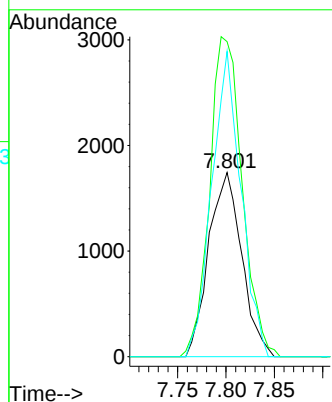


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

Instrument :
MSVOA_Y
ClientSampleId :

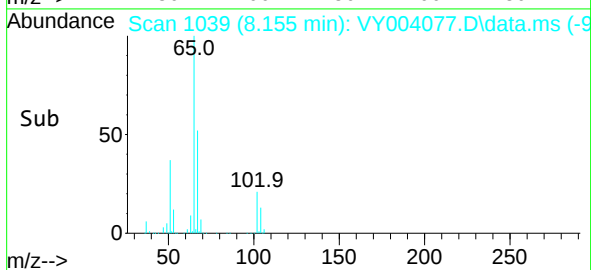
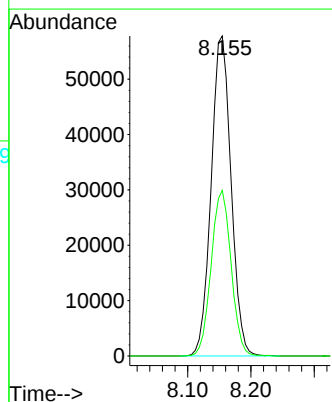
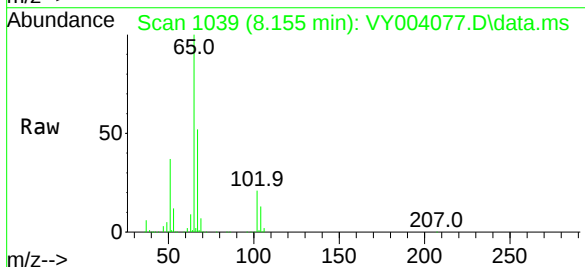


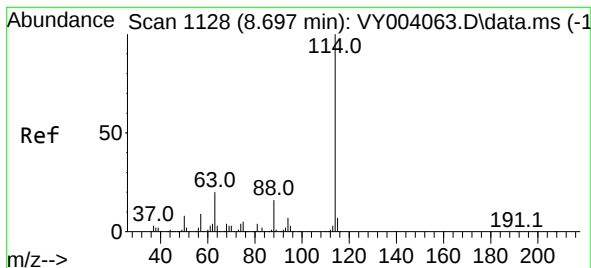
Tgt Ion: 56 Resp: 4136
Ion Ratio Lower Upper
56 100
69 171.1 25.3 37.9#
84 165.8 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 60.78 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

Tgt Ion: 65 Resp: 126285
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4

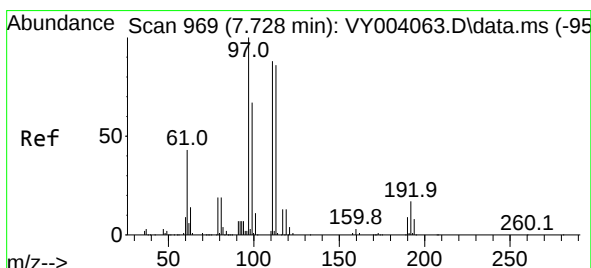
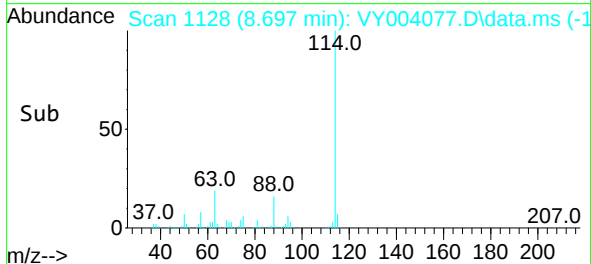
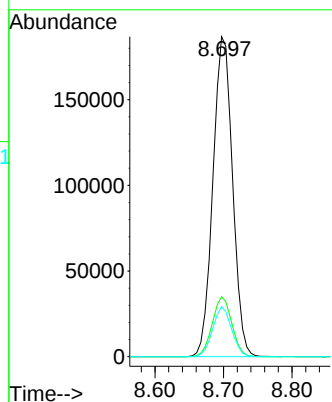
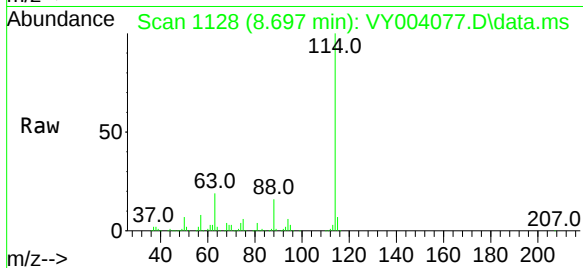




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

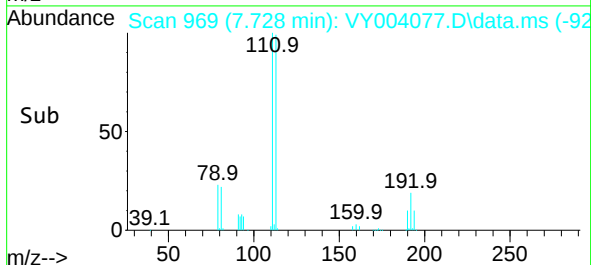
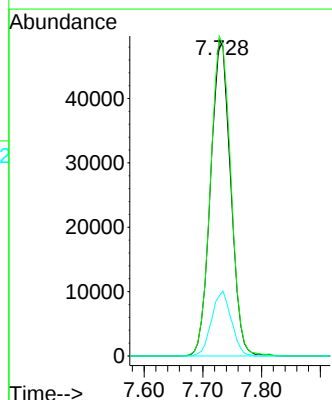
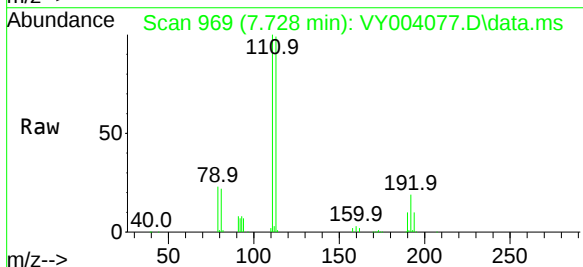
Instrument :
MSVOA_Y
ClientSampled :

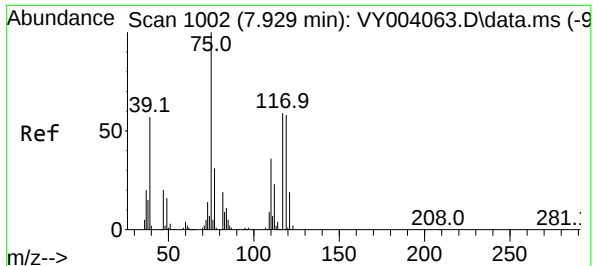
Tgt Ion:114 Resp: 370751
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.6
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.52 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

Tgt Ion:113 Resp: 116078
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 20.2 18.5 27.7

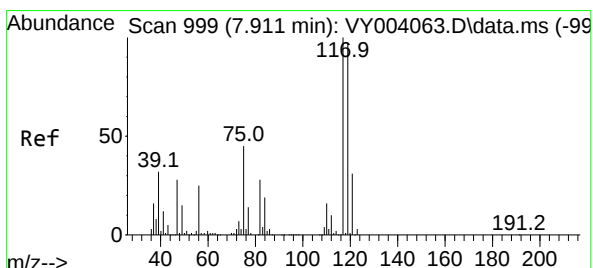
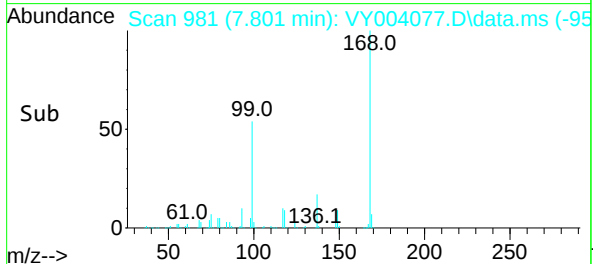
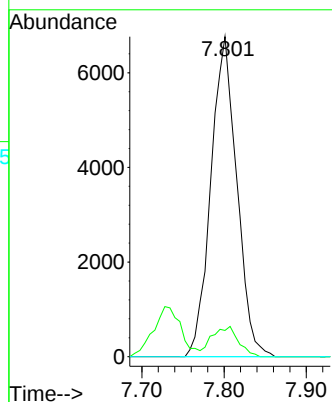
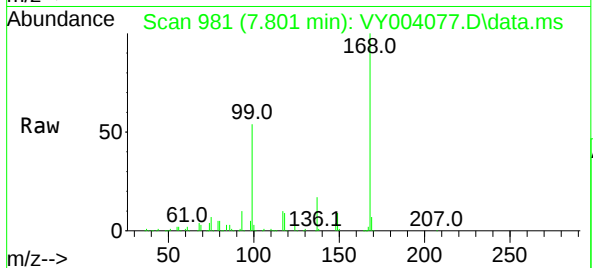




#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

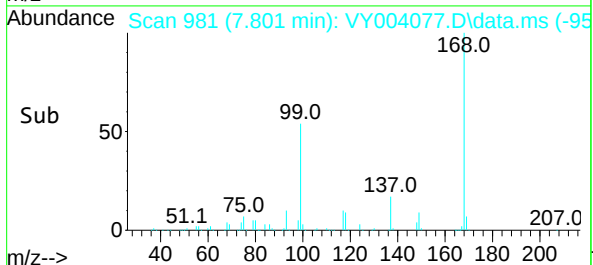
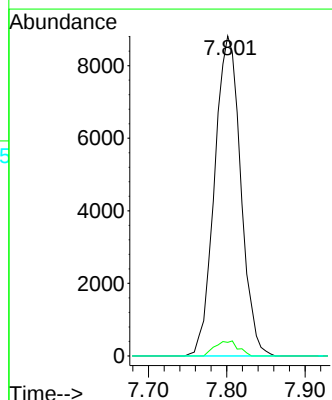
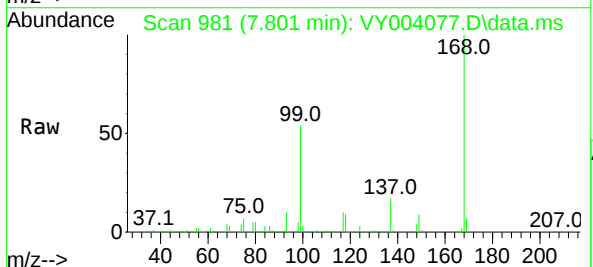
Instrument :
MSVOA_Y
ClientSampleId :

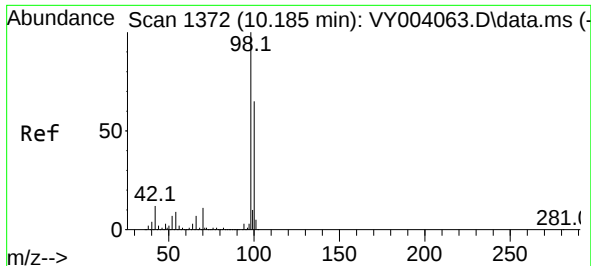
Tgt Ion: 75 Resp: 14827
Ion Ratio Lower Upper
75 100
110 9.6 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

Tgt Ion: 117 Resp: 20467
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 24.2 36.2#

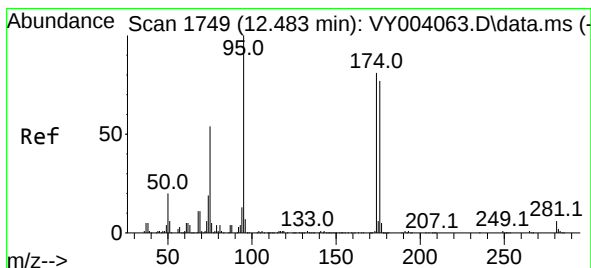
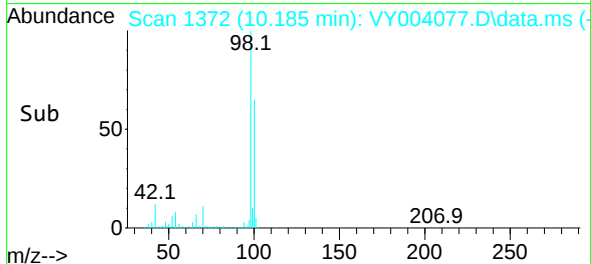
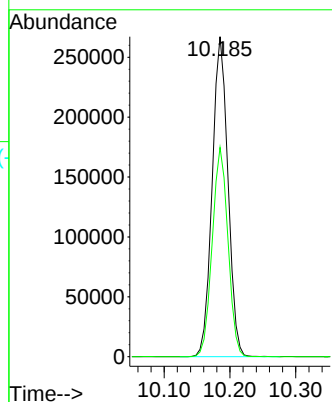
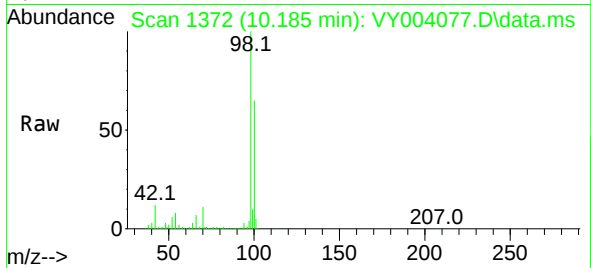




#50
Toluene-d8
Concen: 54.34 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

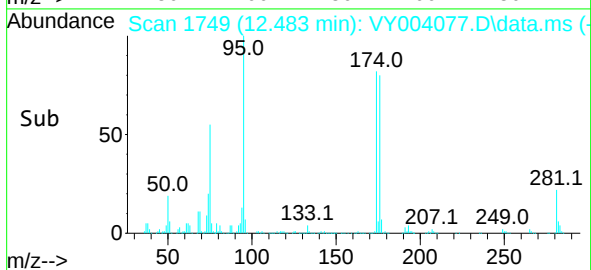
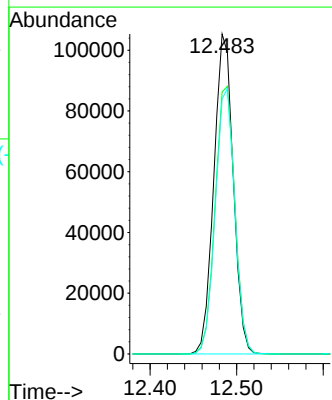
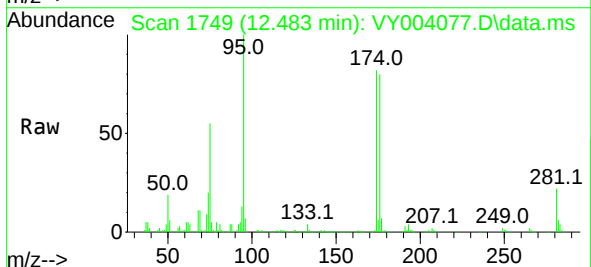
Instrument :
MSVOA_Y
ClientSampled :

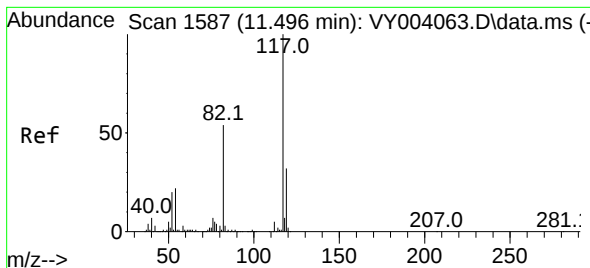
Tgt Ion: 98 Resp: 445359
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

Tgt Ion: 95 Resp: 163826
Ion Ratio Lower Upper
95 100
174 85.5 0.0 179.0
176 83.3 0.0 174.4

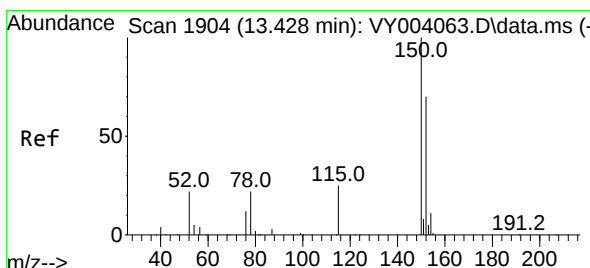
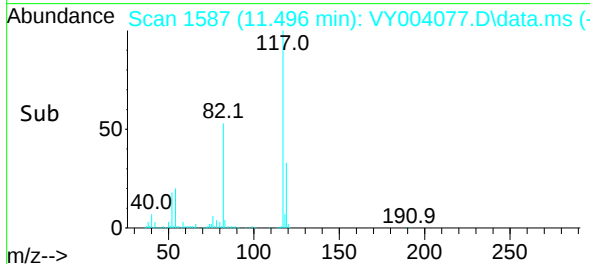
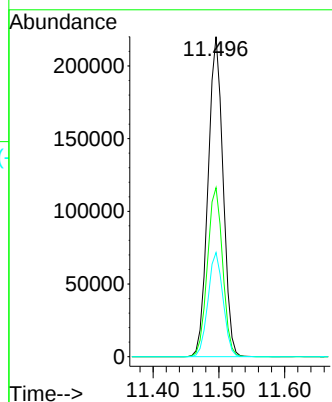
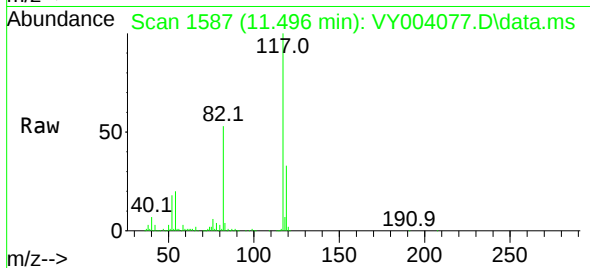




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

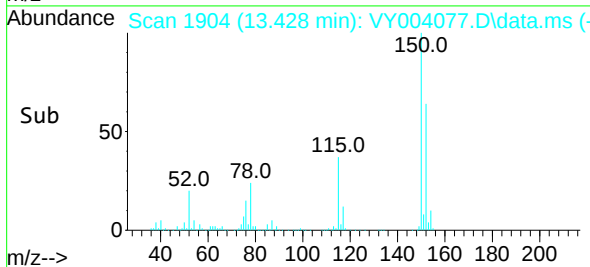
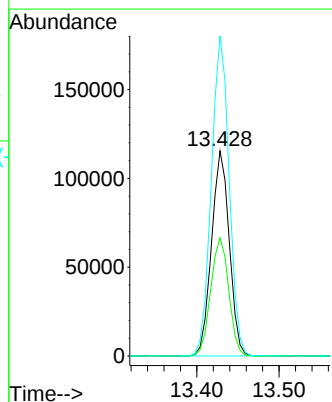
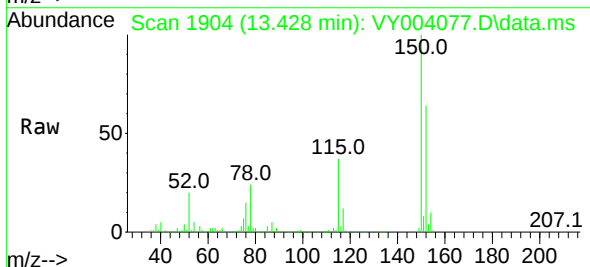
Instrument :
MSVOA_Y
ClientSampleId :

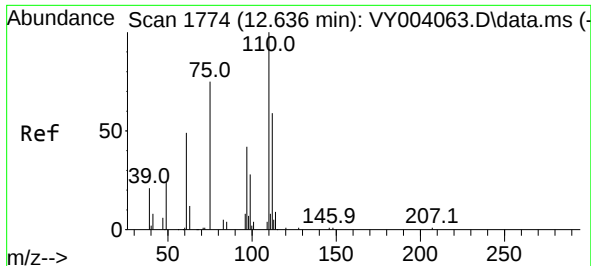
Tgt Ion:117 Resp: 349833
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.6
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

Tgt Ion:152 Resp: 173088
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.6
150 156.2 0.0 347.2

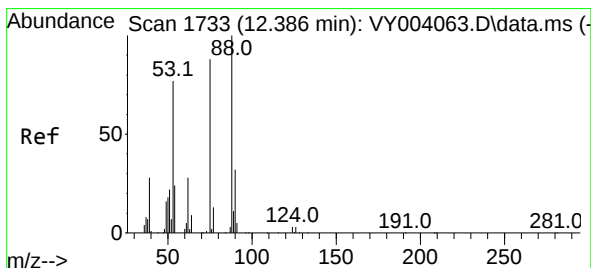
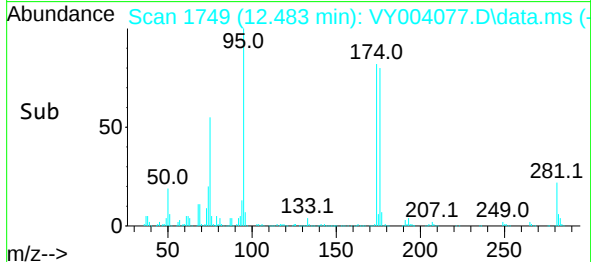
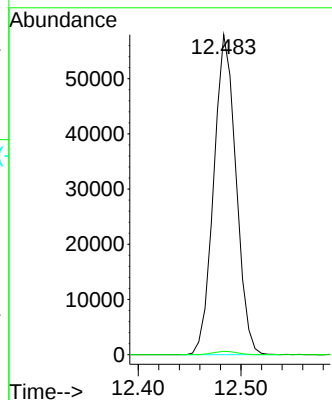
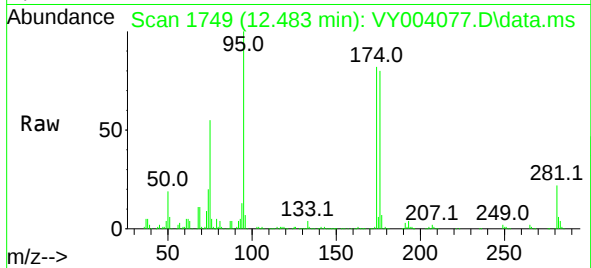




#76
1,2,3-Trichloropropane
Concen: 52.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 87385
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004077.D
Acq: 11 Mar 2021 15:17

Tgt Ion: 75 Resp: 87385
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.6 35.7 53.5#

