

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004584.D
 Acq On : 22 Apr 2021 14:52
 Operator : SY/MD
 Sample : M2111-04RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:20:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

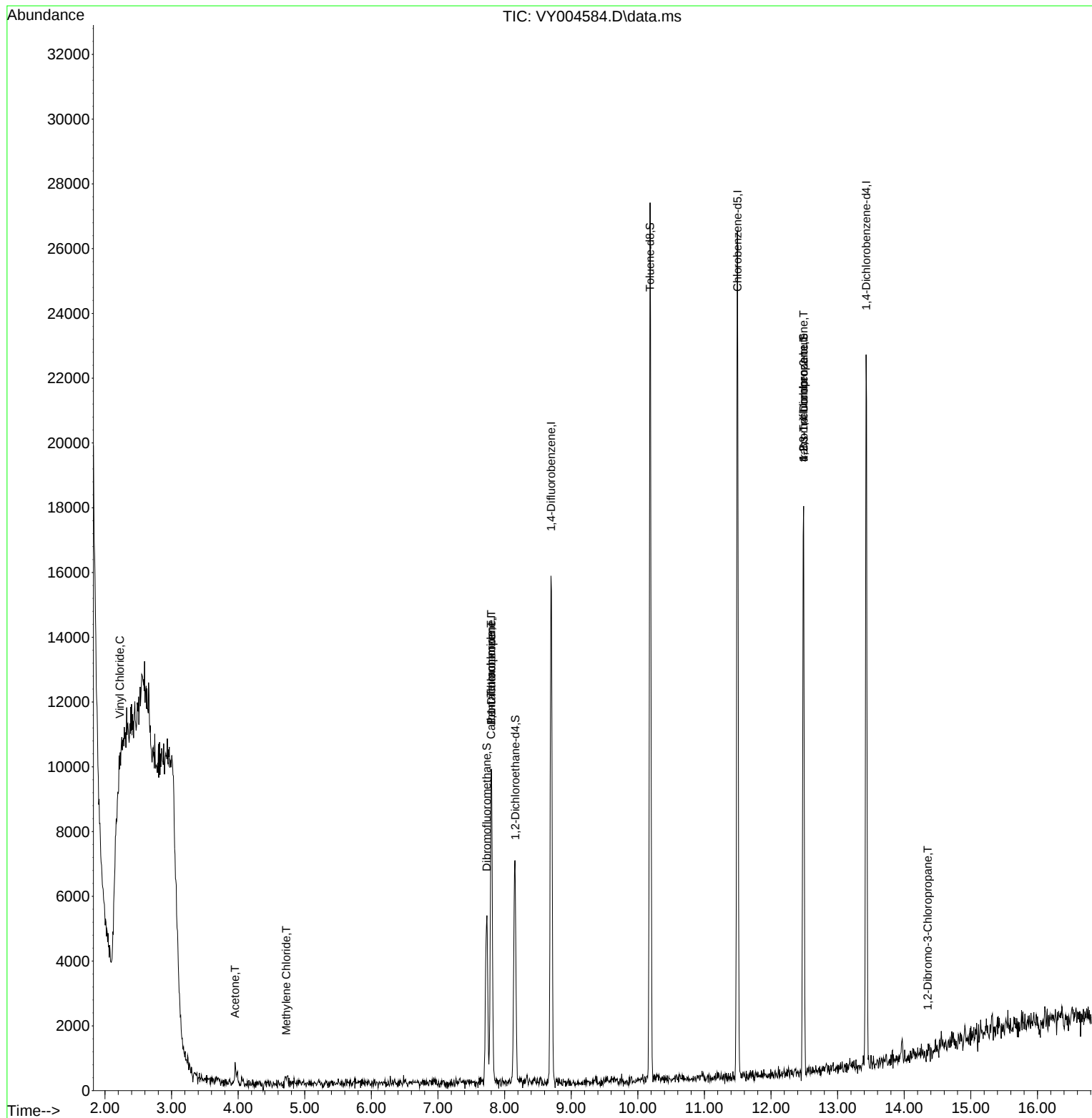
Internal Standards						
1) Pentafluorobenzene	7.801	168	7389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	13025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	5365	65.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.70%	
35) Dibromofluoromethane	7.734	113	3797	52.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.06%	
50) Toluene-d8	10.185	98	15840	51.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.04%	
62) 4-Bromofluorobenzene	12.489	95	5000	47.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.84%	
Target Compounds						
4) Vinyl Chloride	2.223	62	1414	13.52	ug/l #	Qvalue 43
16) Acetone	3.954	43	912	35.87	ug/l #	75
20) Methylene Chloride	4.722	84	225	2.84	ug/l #	32
36) 1,1-Dichloropropene	7.801	75	688	5.32	ug/l #	42
38) Carbon Tetrachloride	7.795	117	692	6.18	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	3054	56.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	3054	100.28	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19	1.43	ug/l #	2

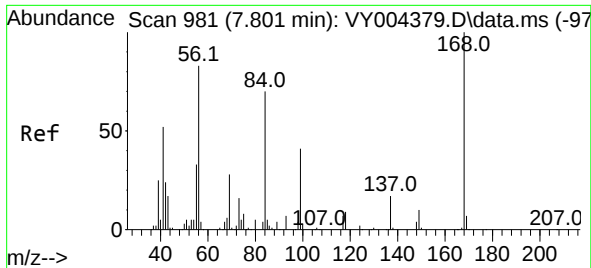
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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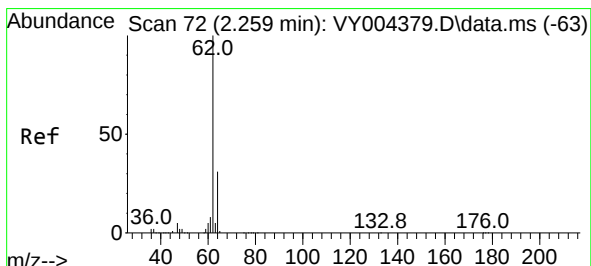
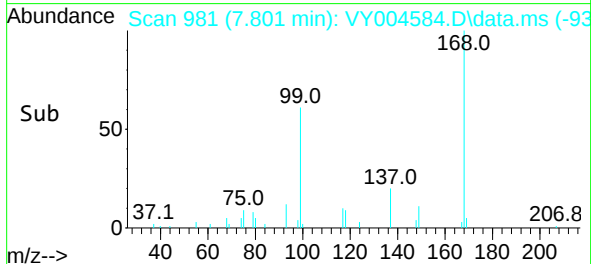
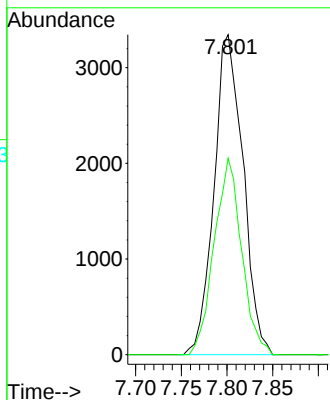
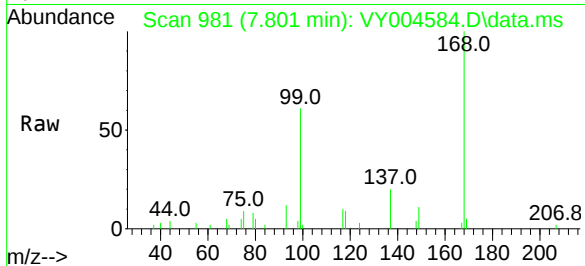




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

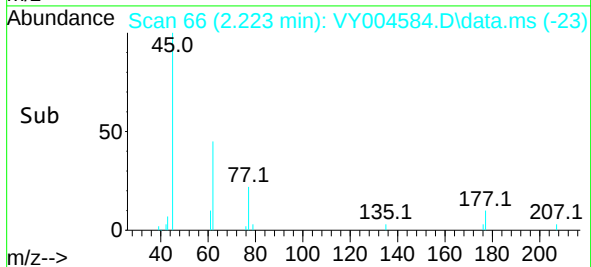
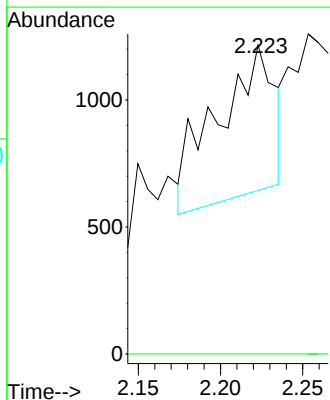
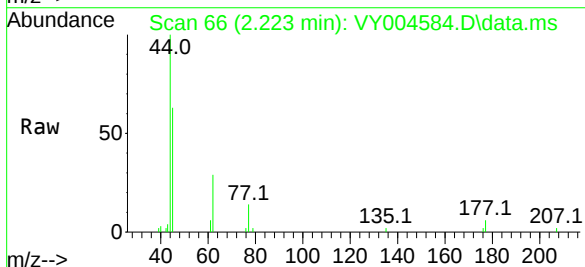
Instrument :
MSVOA_Y
ClientSampled :

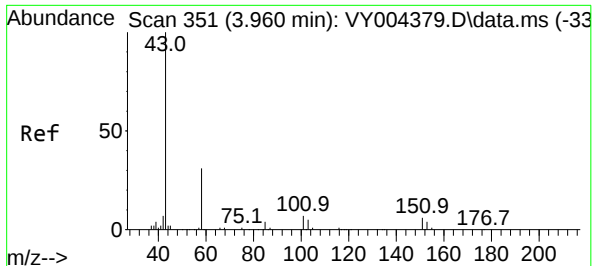
Tgt Ion:168 Resp: 7389
Ion Ratio Lower Upper
168 100
99 61.3 45.5 68.3



#4
Vinyl Chloride
Concen: 13.52 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.036 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

Tgt Ion: 62 Resp: 1414
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

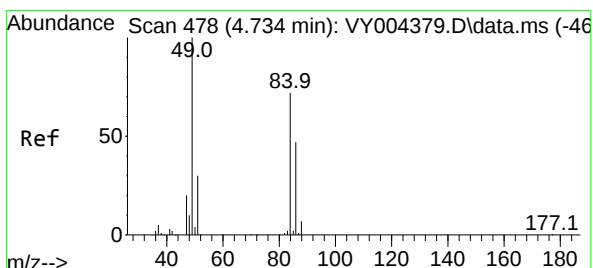
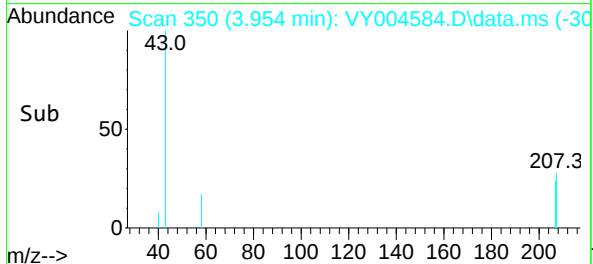
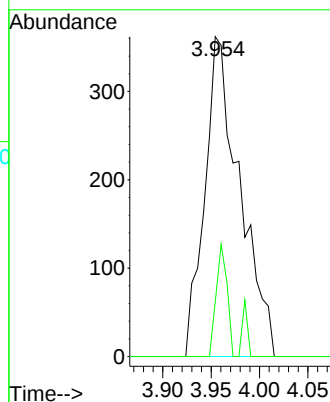
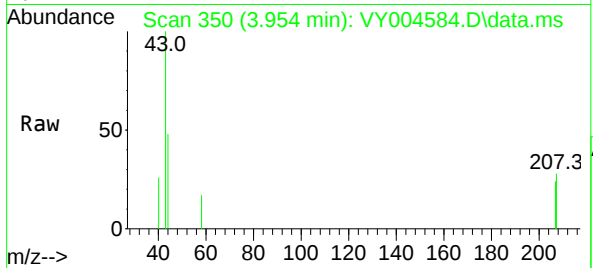




#16
Acetone
Concen: 35.87 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

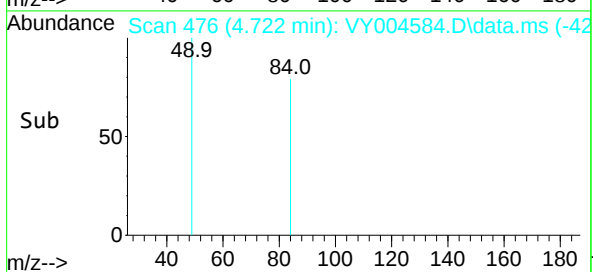
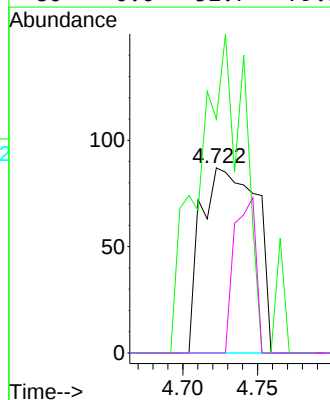
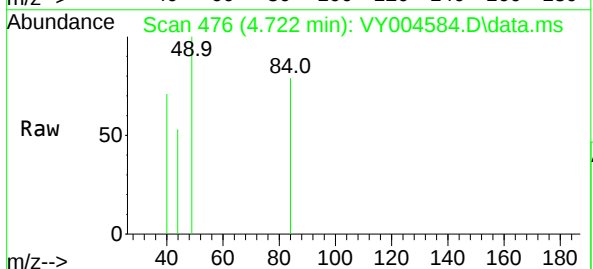
Instrument :
MSVOA_Y
ClientSampleId :

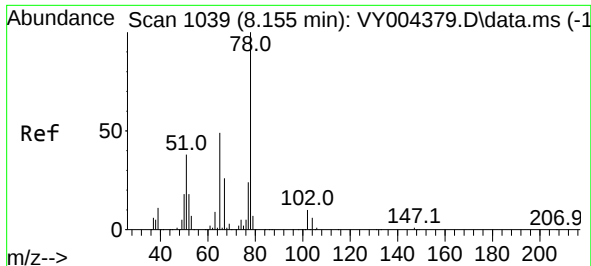
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 17.1 24.6 37.0#



#20
Methylene Chloride
Concen: 2.84 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

Tgt Ion: 84 Resp: 225
Ion Ratio Lower Upper
84 100
49 64.4 111.2 166.8#
51 0.0 33.4 50.2#
86 0.0 52.7 79.1#

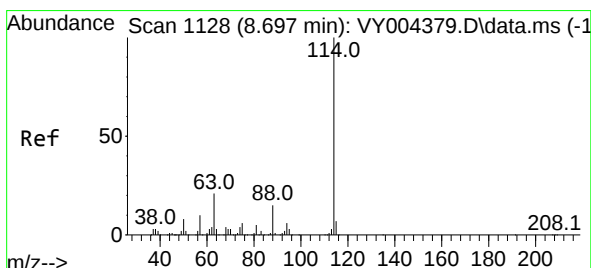
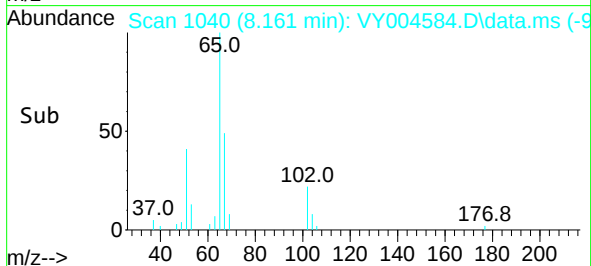
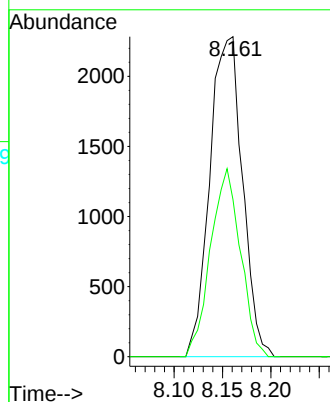
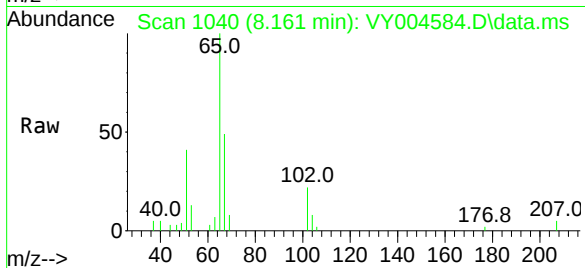




#33
1,2-Dichloroethane-d4
Concen: 65.35 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

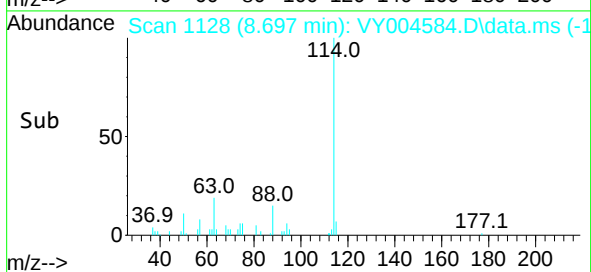
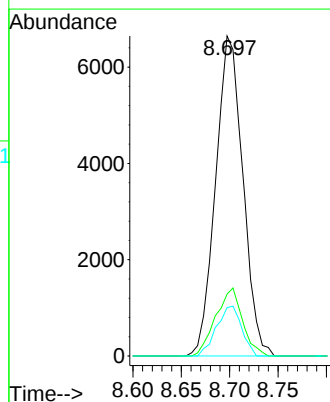
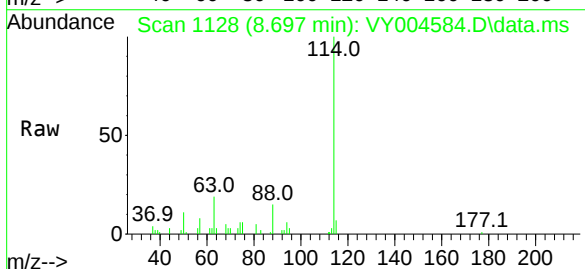
Instrument :
MSVOA_Y
ClientSampled :

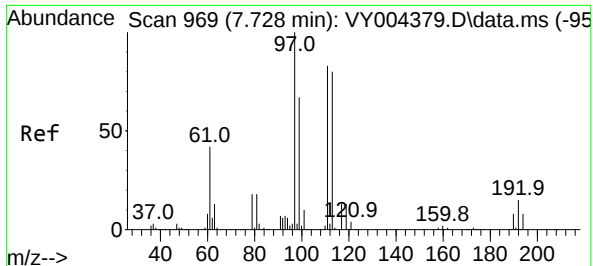
Tgt Ion: 65 Resp: 5365
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

Tgt Ion: 114 Resp: 13025
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.1 0.0 30.8

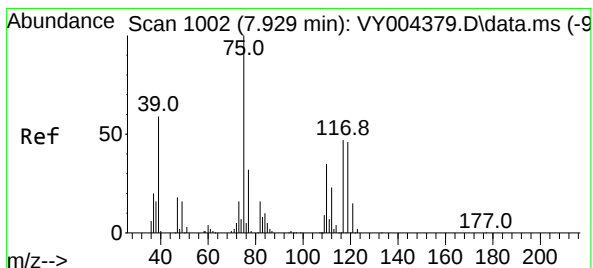
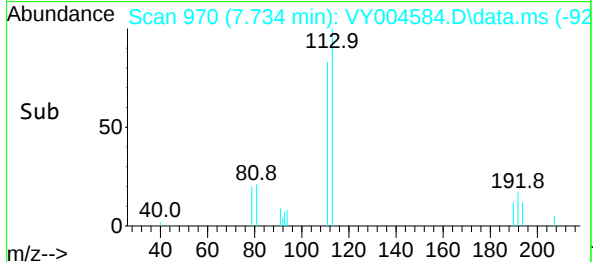
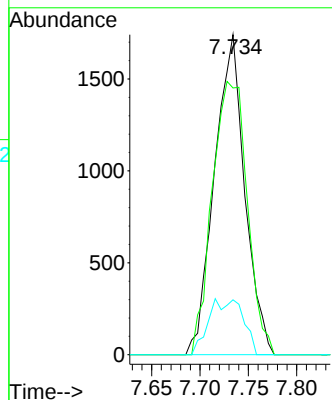
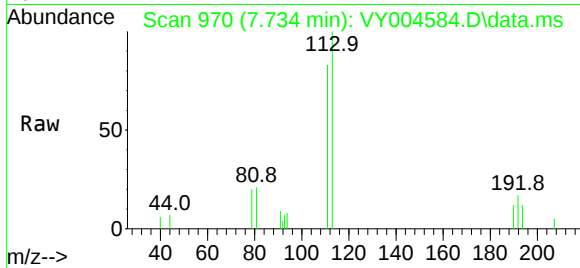




#35
Dibromofluoromethane
Concen: 52.53 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

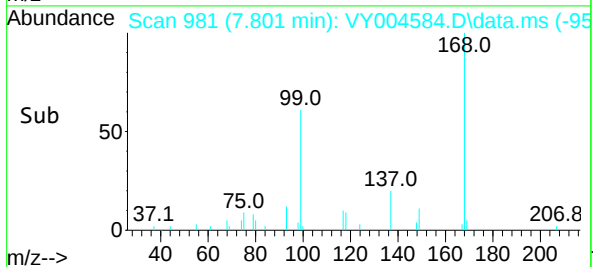
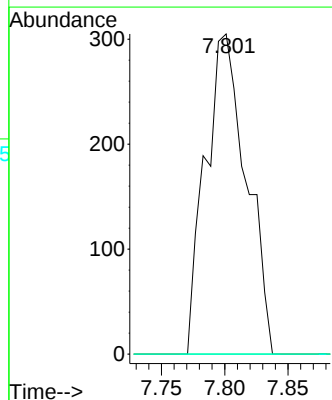
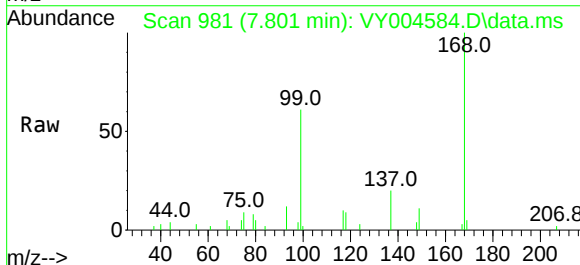
Instrument :
MSVOA_Y
ClientSampleId :

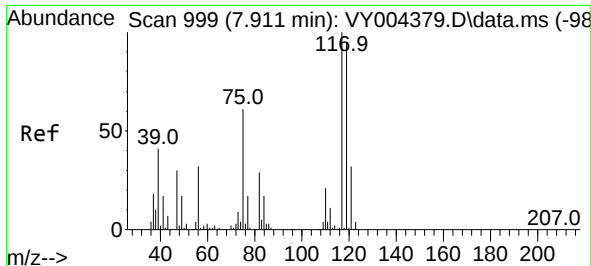
Tgt Ion:113 Resp: 3797
Ion Ratio Lower Upper
113 100
111 98.6 82.6 123.8
192 19.8 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.32 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

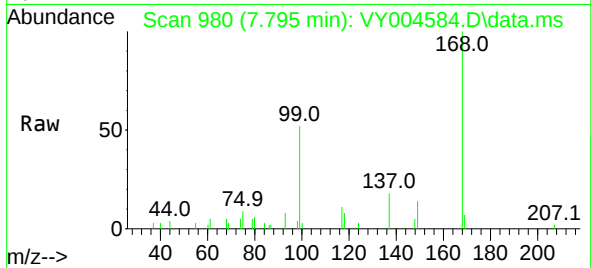
Tgt Ion: 75 Resp: 688
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.7#
77 0.0 24.3 36.5#



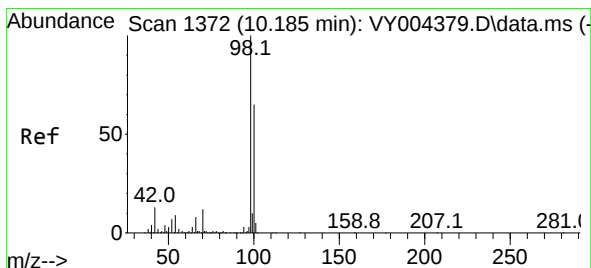
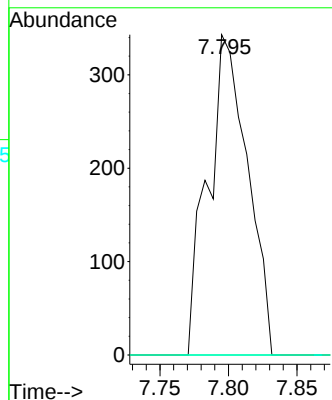
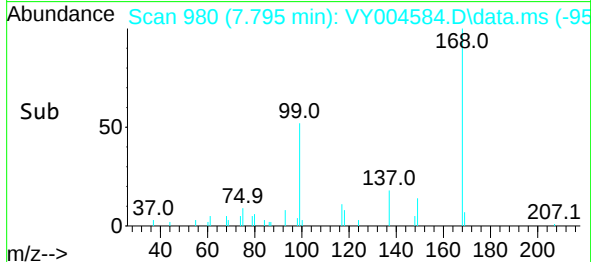


#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

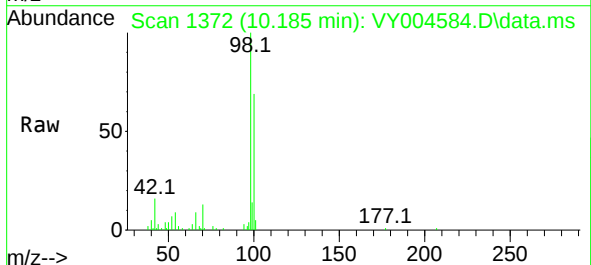
Instrument :
MSVOA_Y
ClientSampleId :



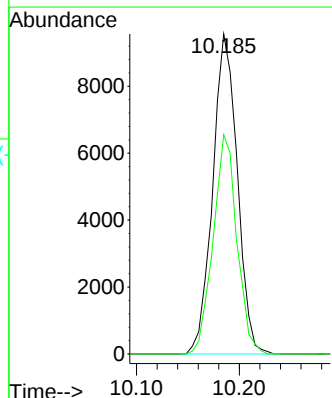
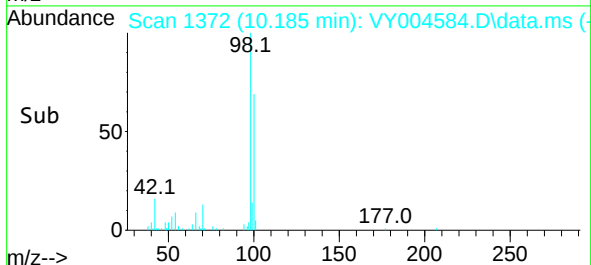
Tgt Ion: 117 Resp: 692
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.3 37.9#

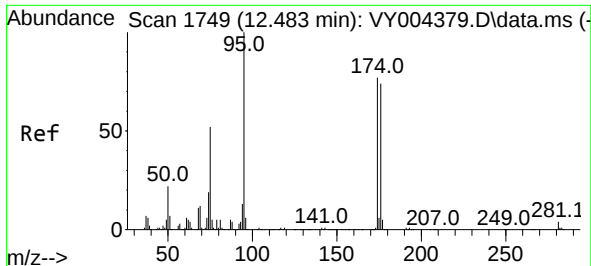


#50
Toluene-d8
Concen: 51.52 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52



Tgt Ion: 98 Resp: 15840
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6

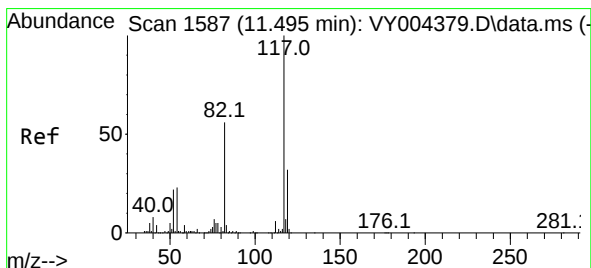
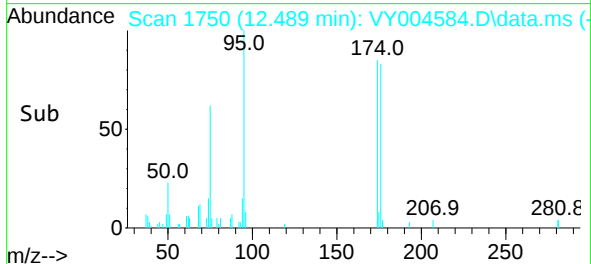
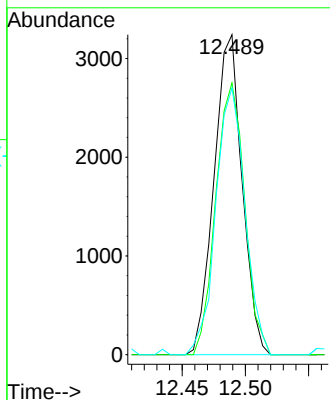
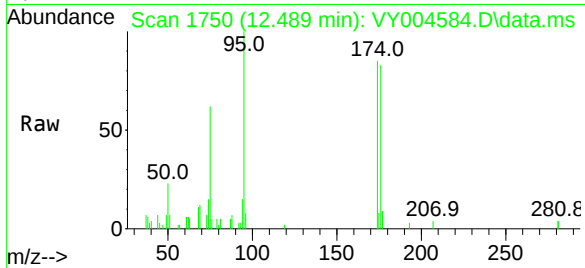




#62
4-Bromofluorobenzene
Concen: 47.92 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

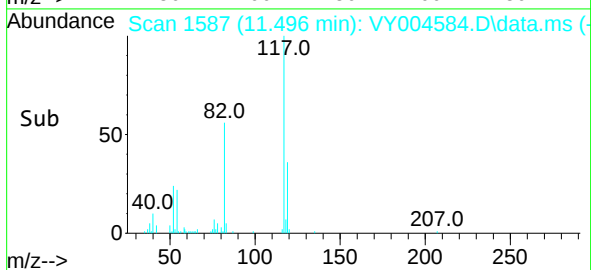
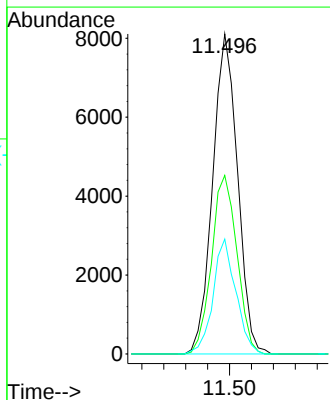
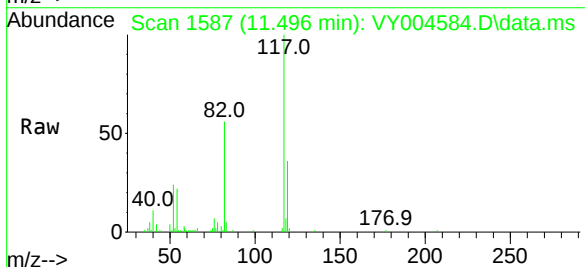
Instrument :
MSVOA_Y
ClientSampleId :

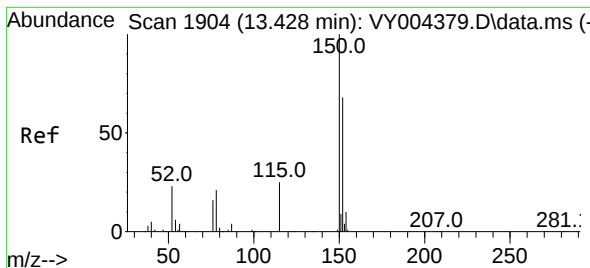
Tgt Ion:	95	Resp:	5000
Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	162.4
176	86.4	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

Tgt Ion:	117	Resp:	12795
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.9	67.3
119	35.9	25.4	38.0

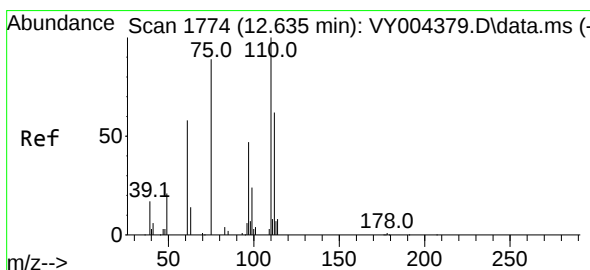
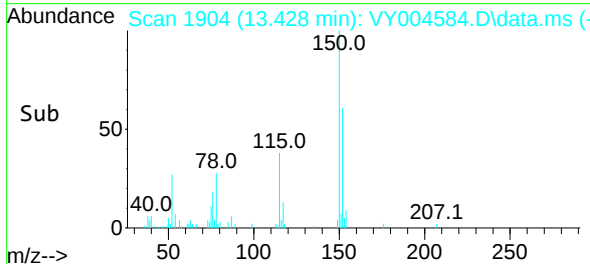
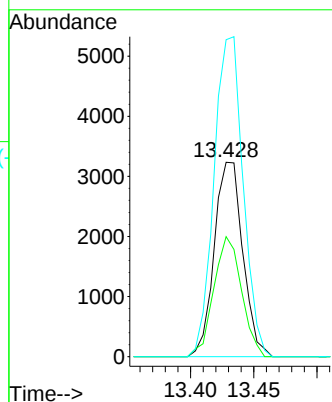
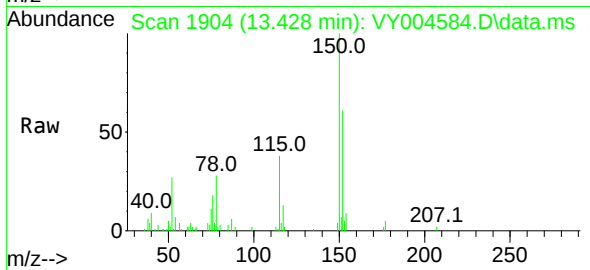




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004584.D
 Acq: 22 Apr 2021 14:52

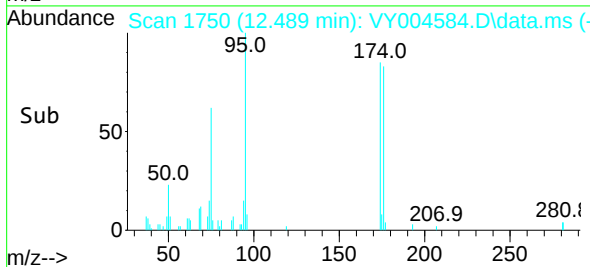
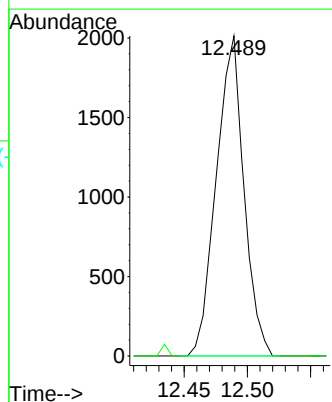
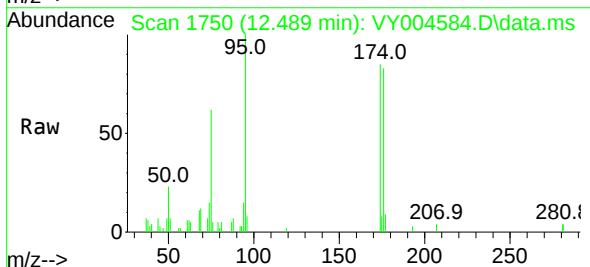
Instrument :
 MSVOA_Y
 ClientSampled :

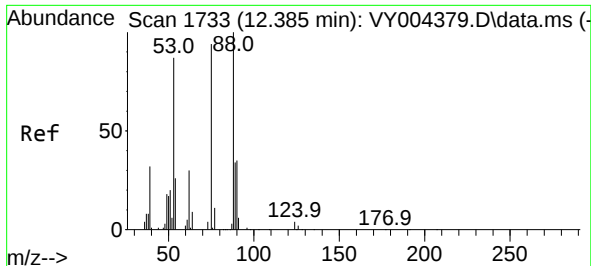
Tgt Ion:152 Resp: 5076
 Ion Ratio Lower Upper
 152 100
 115 59.9 29.6 88.8
 150 167.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 56.06 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY004584.D
 Acq: 22 Apr 2021 14:52

Tgt Ion: 75 Resp: 3054
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

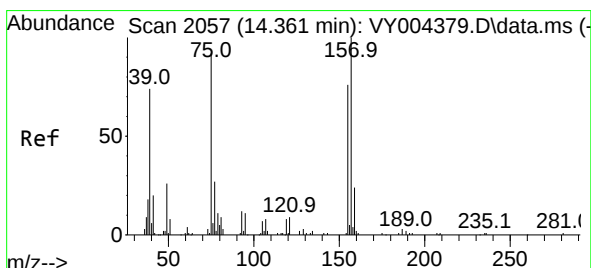
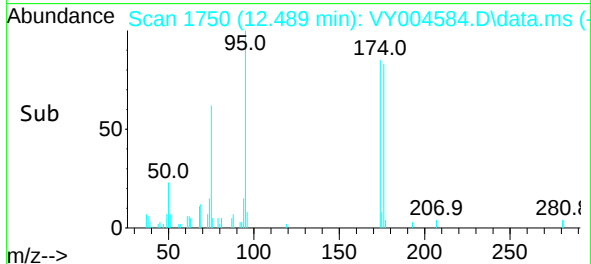
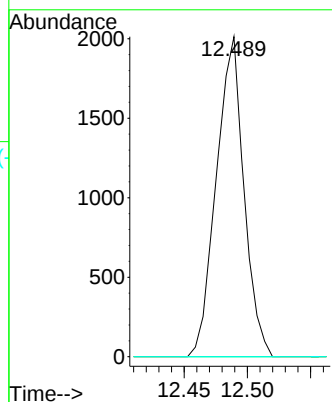
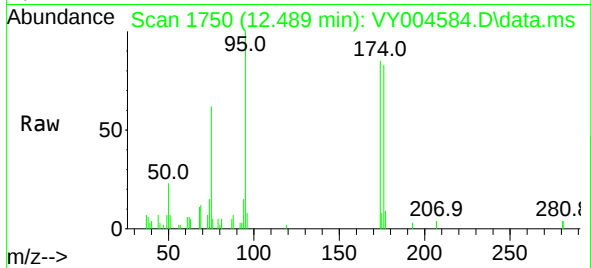




#81
trans-1,4-Dichloro-2-butene
Concen: 100.28 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 3054
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.43 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY004584.D
Acq: 22 Apr 2021 14:52

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#

