

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004569.D
 Acq On : 21 Apr 2021 20:26
 Operator : SY/MD
 Sample : M2110-03
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:21:44 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)

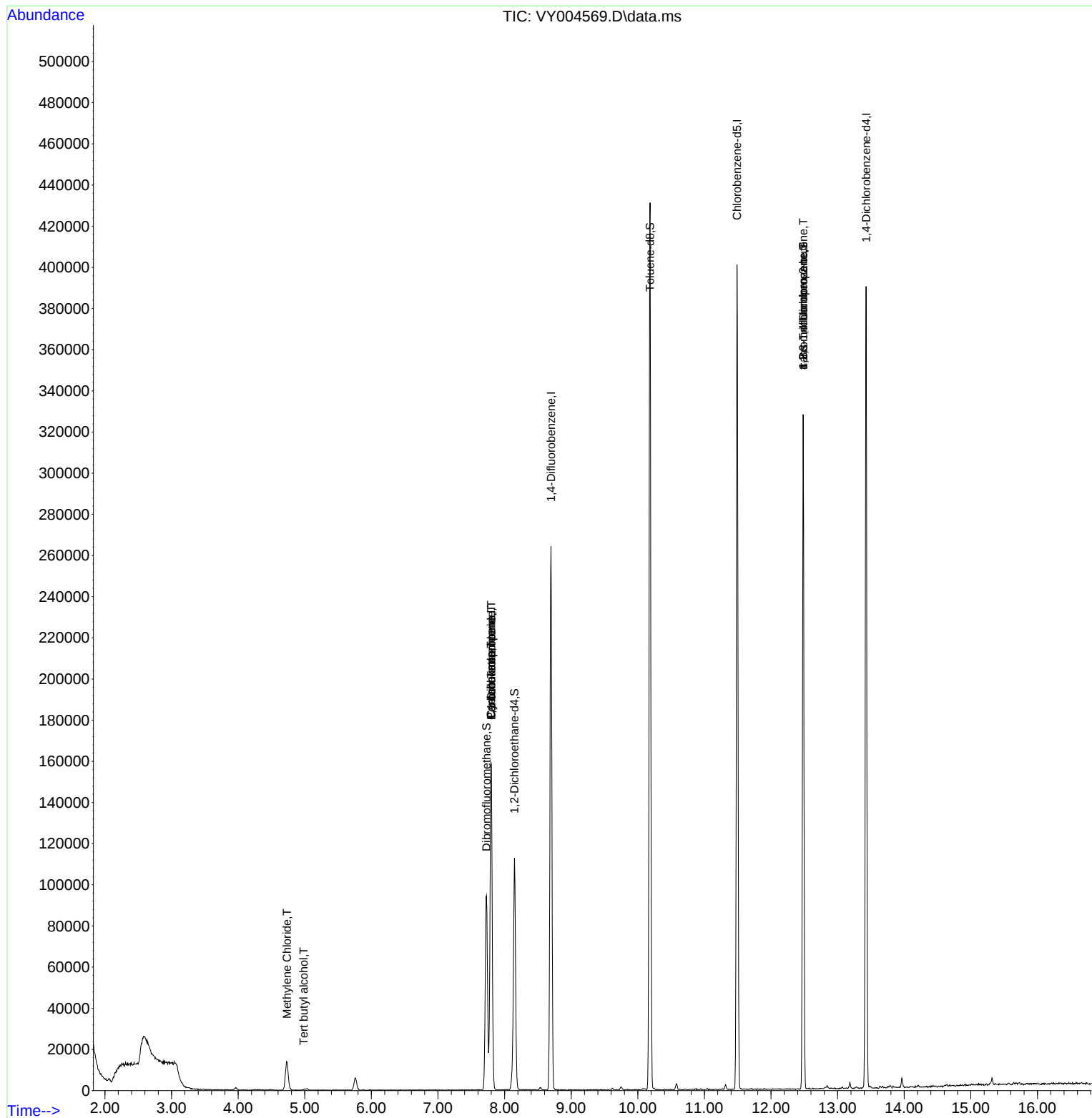
Internal Standards						
1) Pentafluorobenzene	7.801	168	122257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93056	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81307	59.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.72%	
35) Dibromofluoromethane	7.728	113	66273	55.21	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.42%	
50) Toluene-d8	10.185	98	268362	52.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.12%	
62) 4-Bromofluorobenzene	12.483	95	90638	52.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.64%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.985	59	205	1.53	ug/l	# 73
16) Acetone	3.966	43	1721	Below	Cal	96
20) Methylene Chloride	4.735	84	9966	7.60	ug/l	88
31) Cyclohexane	7.795	56	3024	1.21	ug/l	# 11
36) 1,1-Dichloropropene	7.801	75	10238	4.76	ug/l	# 50
38) Carbon Tetrachloride	7.801	117	12398	6.67	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	49669	49.73	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	49669	88.96	ug/l	# 12

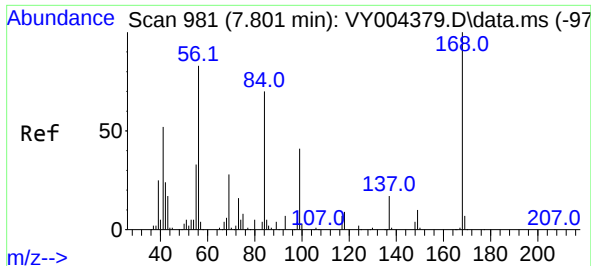
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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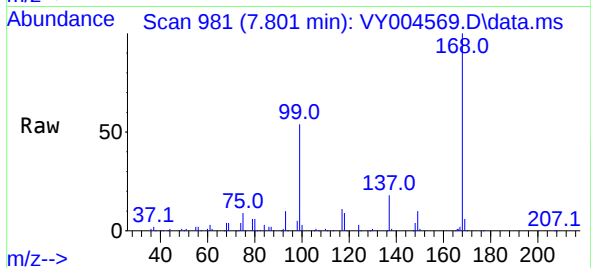
Quant Time: Apr 22 11:21:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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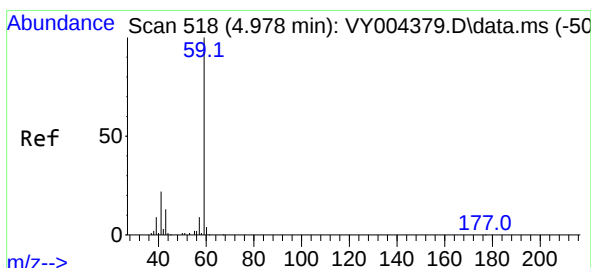
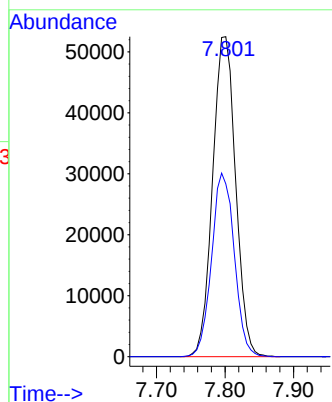
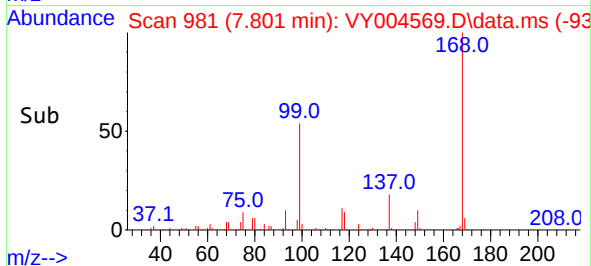


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

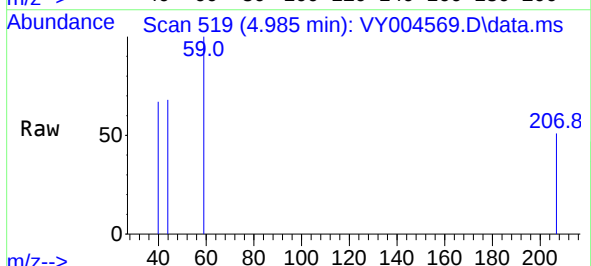
Instrument :
MSVOA_Y
ClientSampleId :



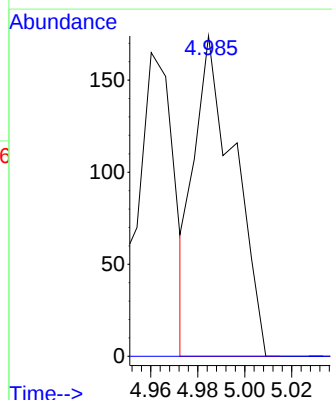
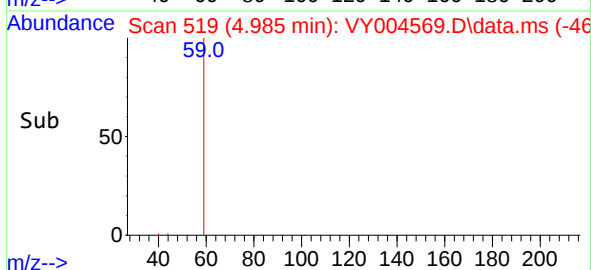
Tgt Ion:168 Resp: 122257
Ion Ratio Lower Upper
168 100
99 54.0 45.5 68.3

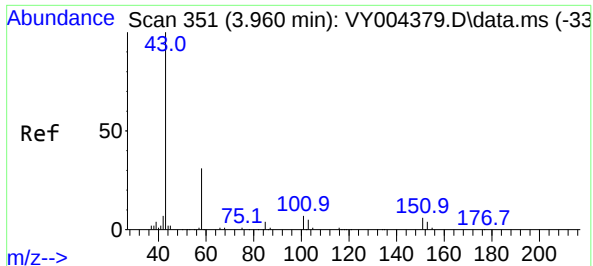


#11
Tert butyl alcohol
Concen: 1.53 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26



Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

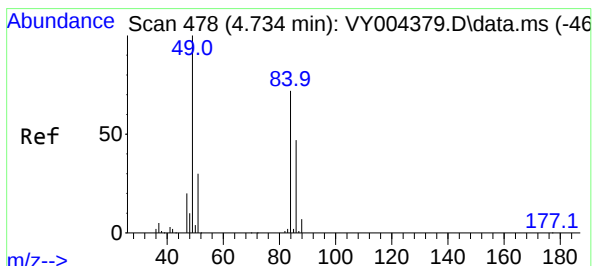
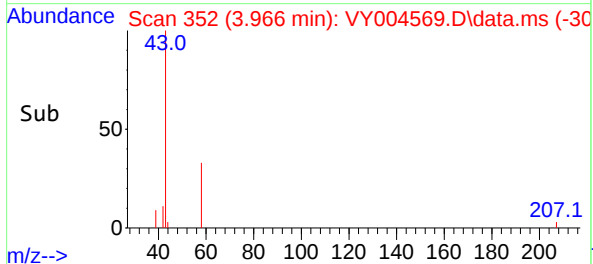
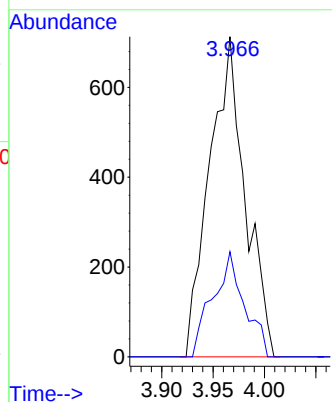
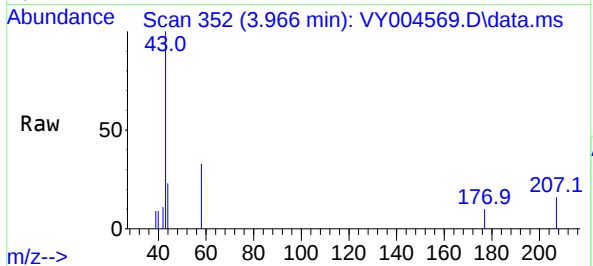




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

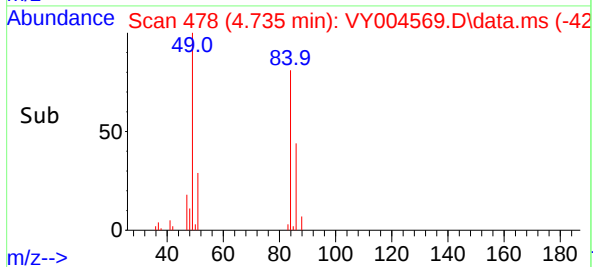
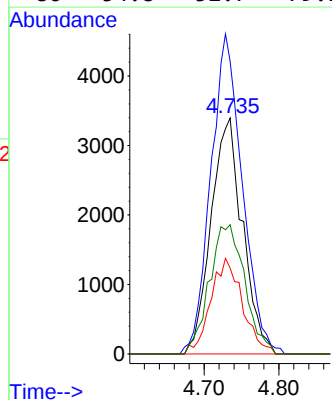
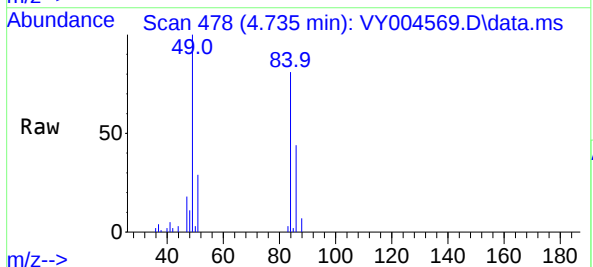
Instrument :
MSVOA_Y
ClientSampleId :

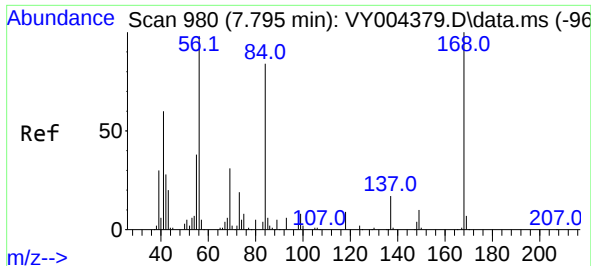
Tgt Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
58 32.8 24.6 37.0



#20
Methylene Chloride
Concen: 7.60 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

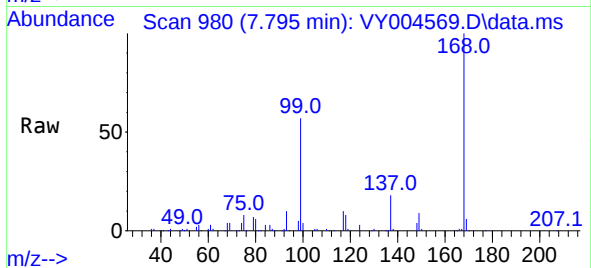
Tgt Ion: 84 Resp: 9966
Ion Ratio Lower Upper
84 100
49 124.1 111.2 166.8
51 36.4 33.4 50.2
86 54.8 52.7 79.1



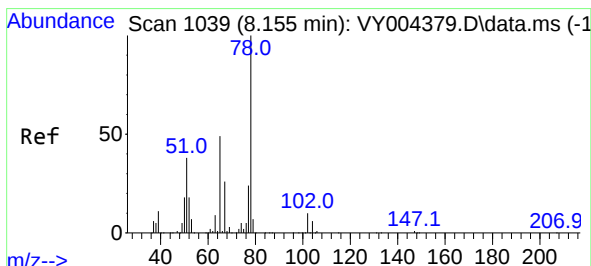
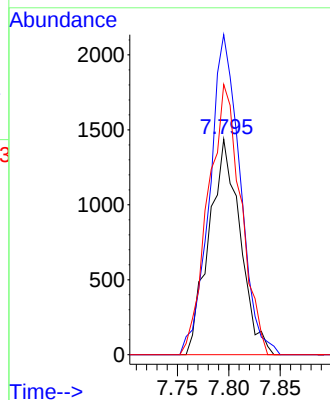
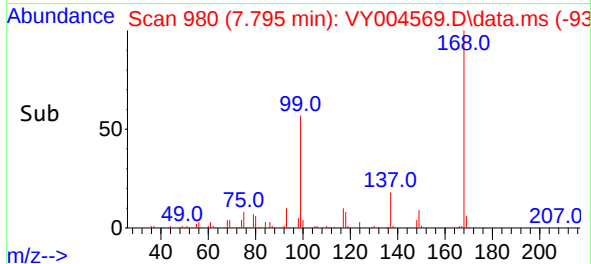


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

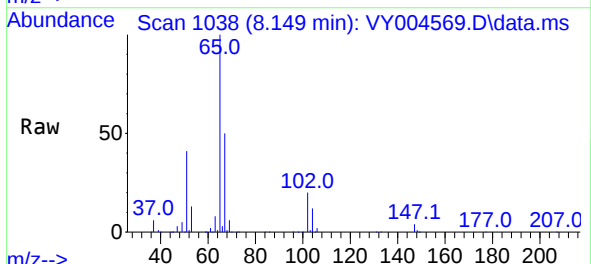
Instrument :
MSVOA_Y
ClientSampleId :



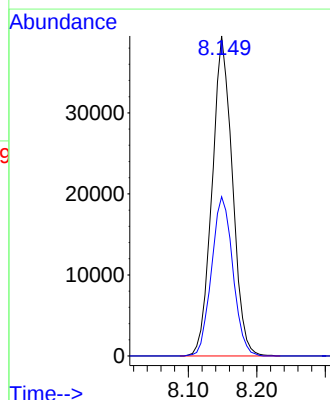
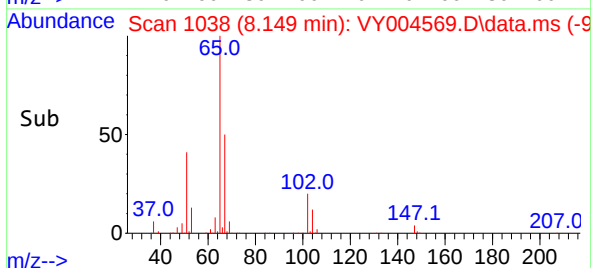
Tgt Ion: 56 Resp: 3024
Ion Ratio Lower Upper
56 100
69 148.5 25.8 38.6#
84 125.4 68.2 102.4#

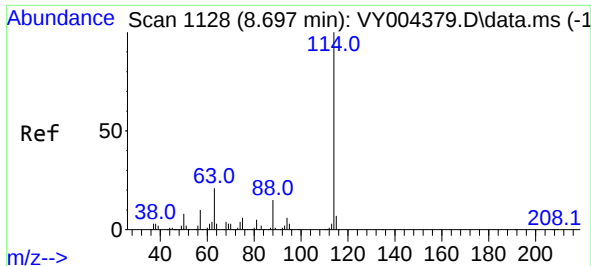


#33
1,2-Dichloroethane-d4
Concen: 59.86 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26



Tgt Ion: 65 Resp: 81307
Ion Ratio Lower Upper
65 100
67 52.2 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: VY004569.D

Acq: 21 Apr 2021 20:26

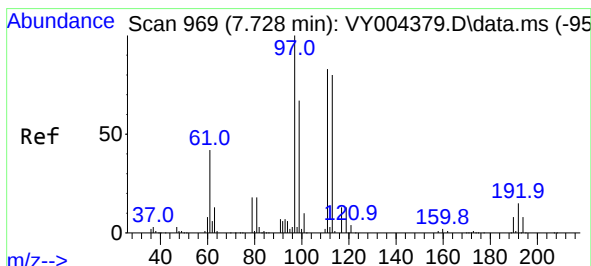
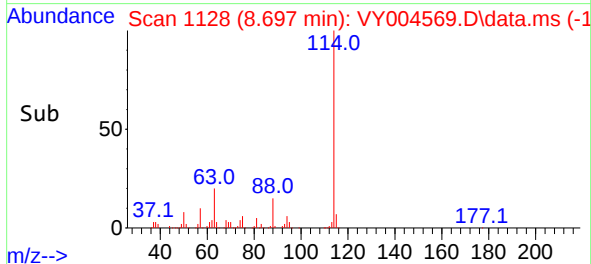
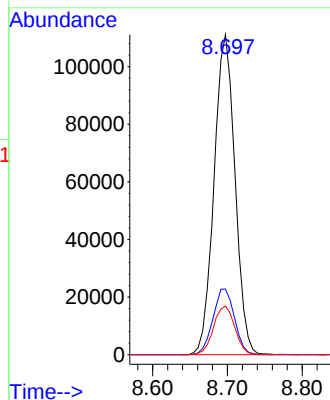
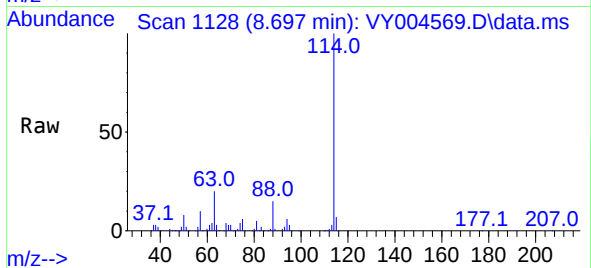
Tgt Ion:114 Resp: 216284

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 55.21 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004569.D

Acq: 21 Apr 2021 20:26

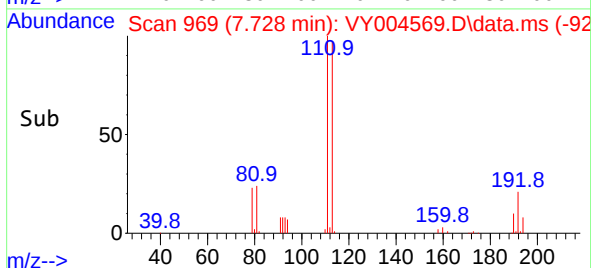
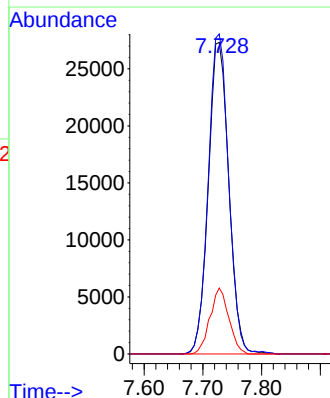
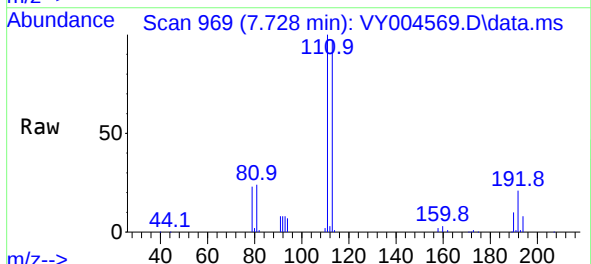
Tgt Ion:113 Resp: 66273

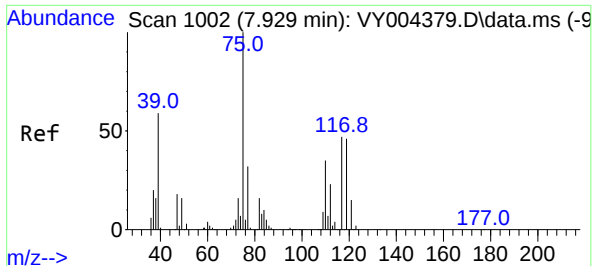
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 19.5 16.1 24.1

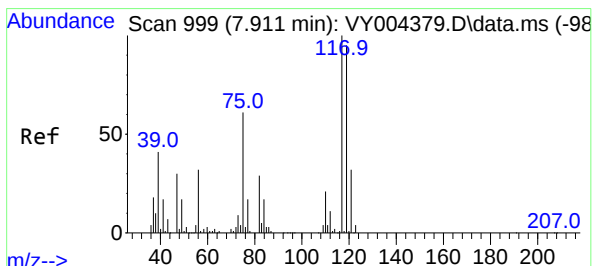
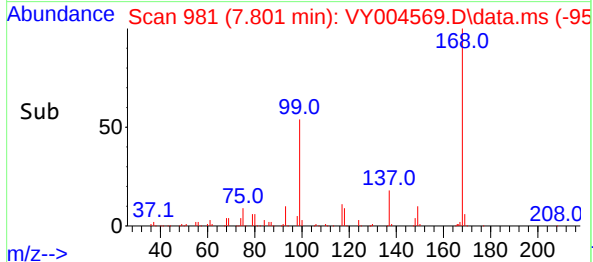
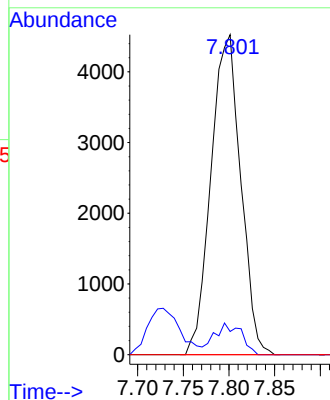
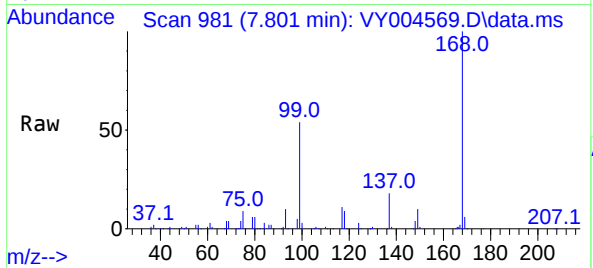




#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

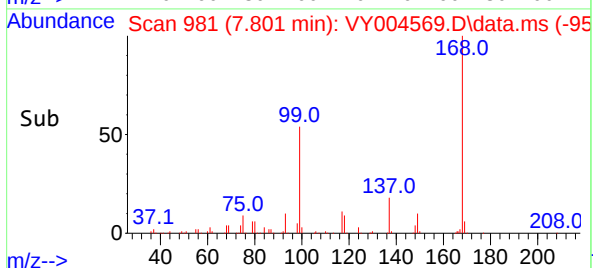
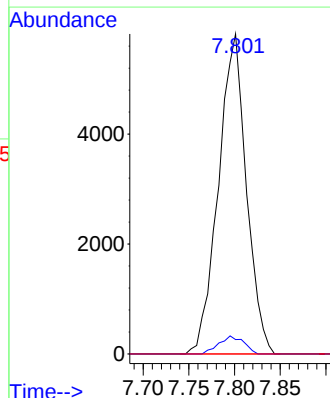
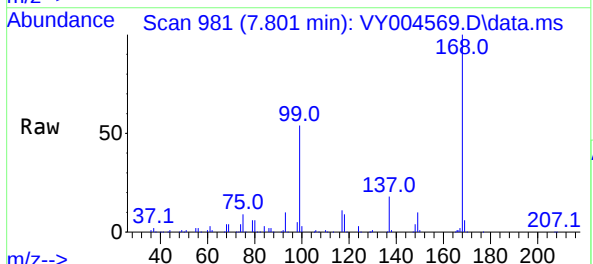
Instrument :
MSVOA_Y
ClientSampled :

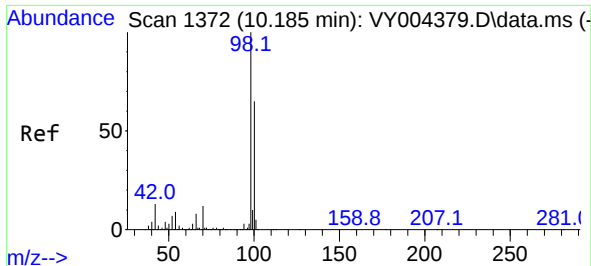
Tgt Ion:	75	Resp:	10238
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.3	51.7#
77	0.0	24.3	36.5#



#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

Tgt Ion:	117	Resp:	12398
Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.8	113.8#
121	0.0	25.3	37.9#

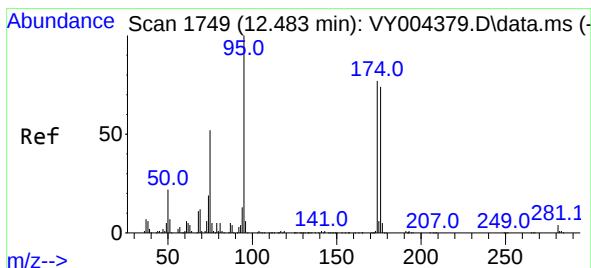
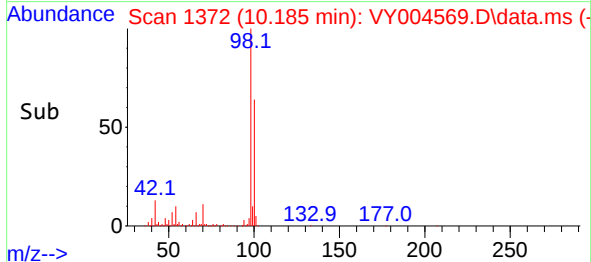
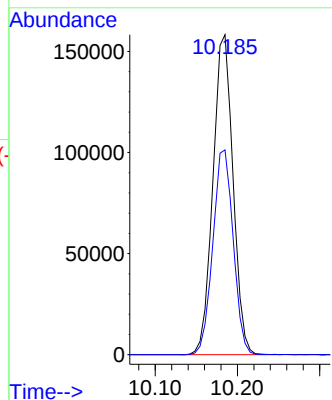
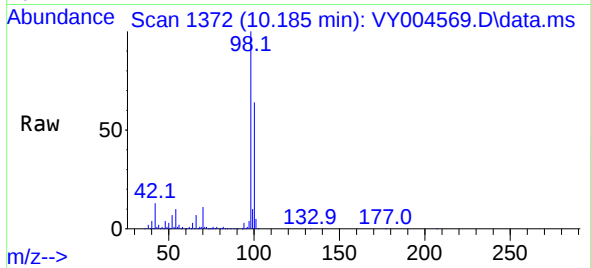




#50
Toluene-d8
Concen: 52.56 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

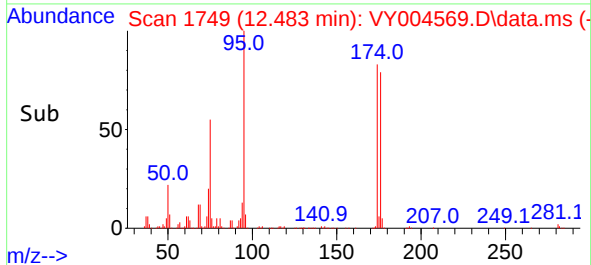
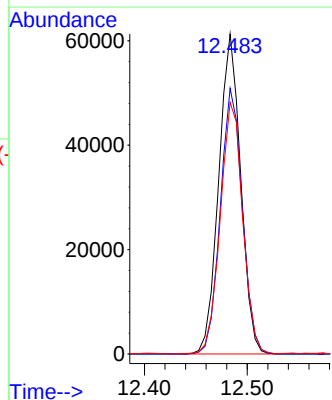
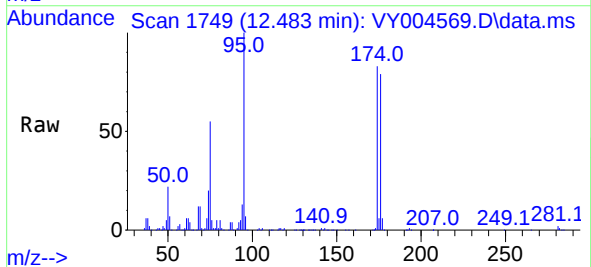
Instrument :
MSVOA_Y
ClientSampled :

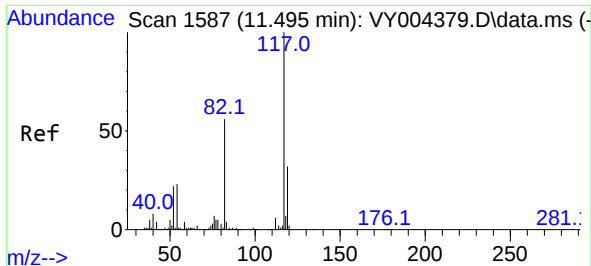
Tgt Ion: 98 Resp: 268362
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

Tgt Ion: 95 Resp: 90638
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.4
176 80.5 0.0 156.0

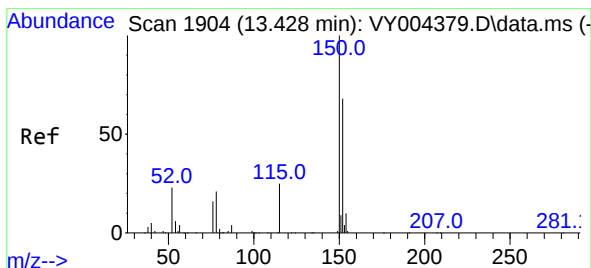
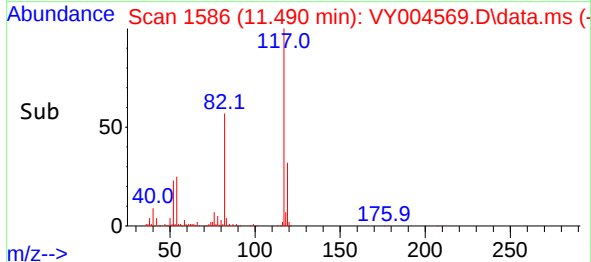
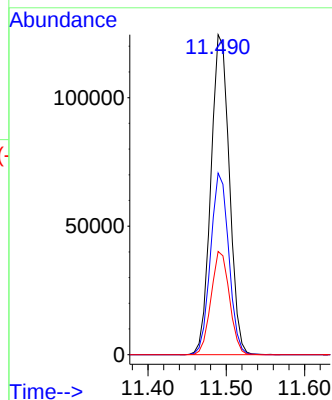
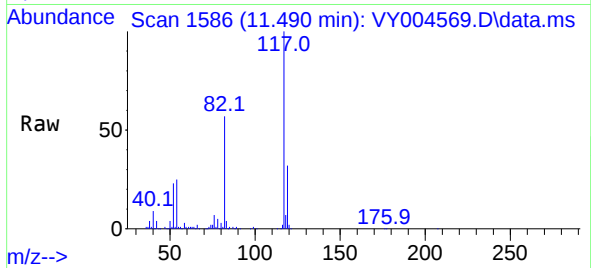




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

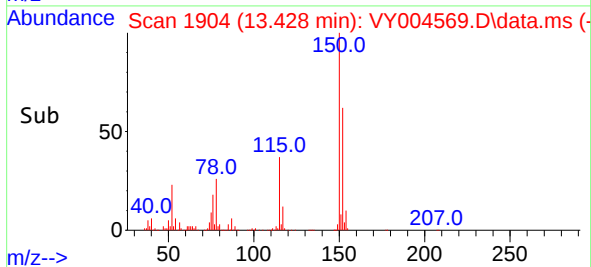
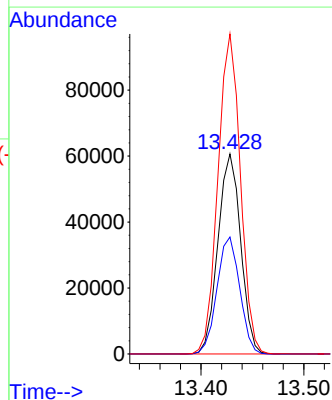
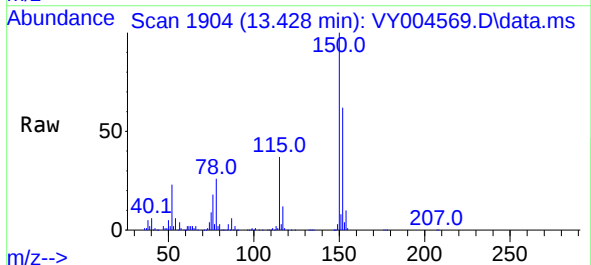
Instrument :
MSVOA_Y
ClientSampled :

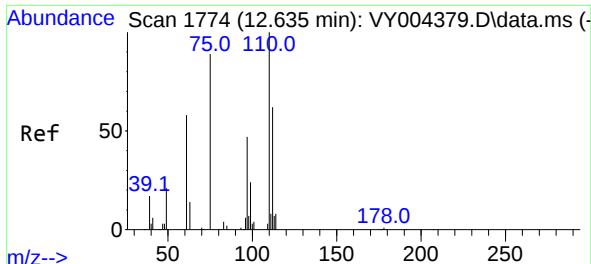
Tgt Ion:	117	Resp:	203611
Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.9	67.3
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

Tgt Ion:	152	Resp:	93056
Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.6	88.8
150	158.0	0.0	348.4

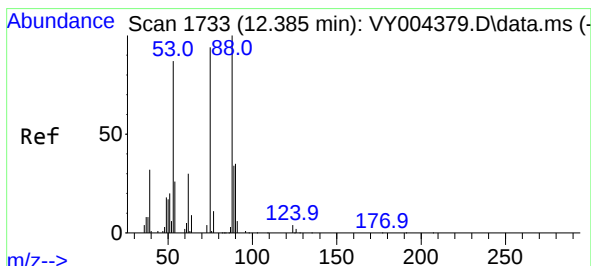
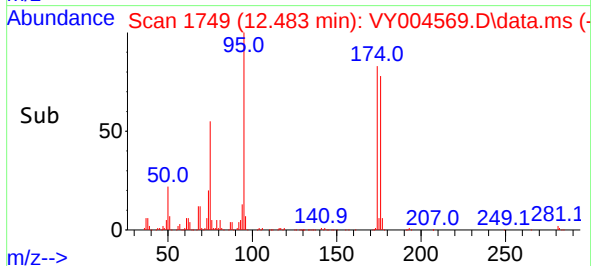
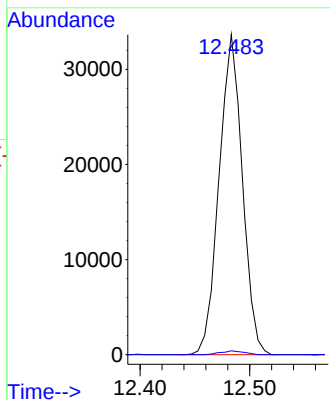
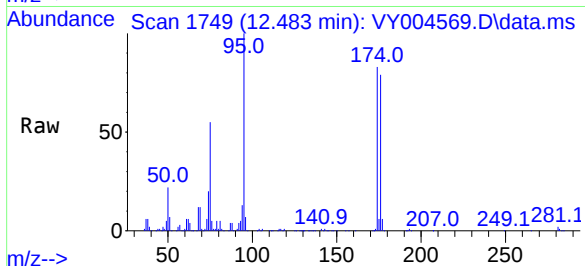




#76
1,2,3-Trichloropropane
Concen: 49.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 49669
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004569.D
Acq: 21 Apr 2021 20:26

Tgt Ion: 75 Resp: 49669
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.2 36.1 54.1#

