

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
 Data File : VY006380.D
 Acq On : 13 Oct 2021 12:05
 Operator : SY/MD
 Sample : VY1013SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:04:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

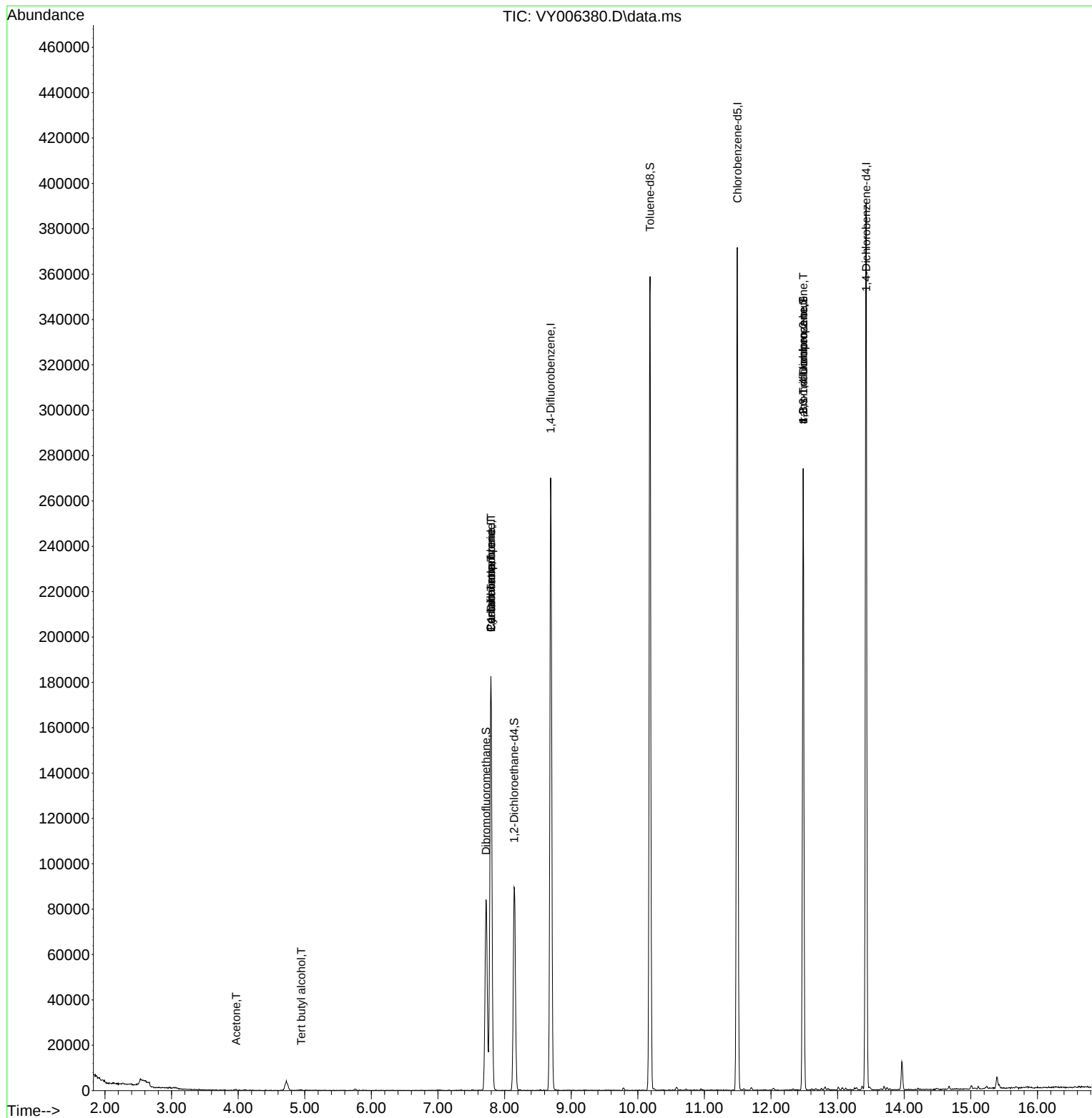
Internal Standards						
1) Pentafluorobenzene	7.795	168	143149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	199477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76049	49.637	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.280%		
35) Dibromofluoromethane	7.722	113	55631	47.368	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.740%		
50) Toluene-d8	10.185	98	227393	46.263	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.520%		
62) 4-Bromofluorobenzene	12.483	95	72250	43.269	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.540%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	138	1.030	ug/l #	77
16) Acetone	3.972	43	726	1.697	ug/l #	81
20) Methylene Chloride	4.716	84	3038	Below Cal	#	85
31) Cyclohexane	7.795	56	3309	1.140	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	10493	4.798	ug/l #	51
38) Carbon Tetrachloride	7.795	117	13603	5.890	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	41682	44.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41682	86.712	ug/l #	7

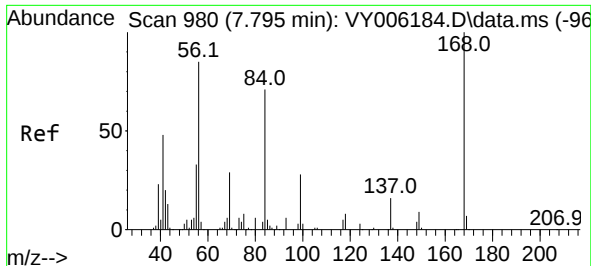
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Time: Oct 14 07:04:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
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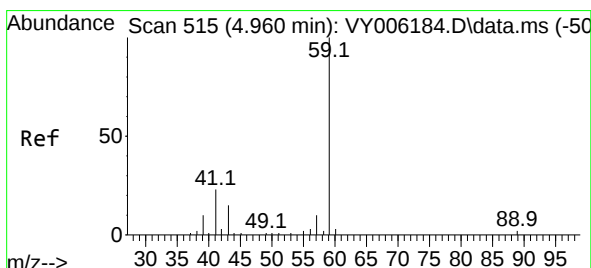
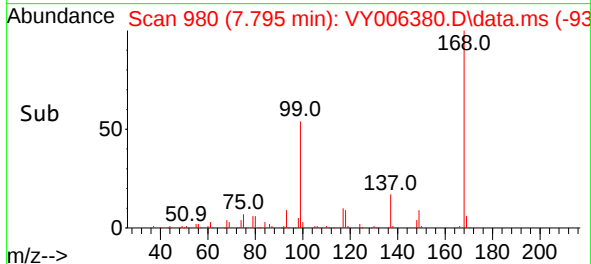
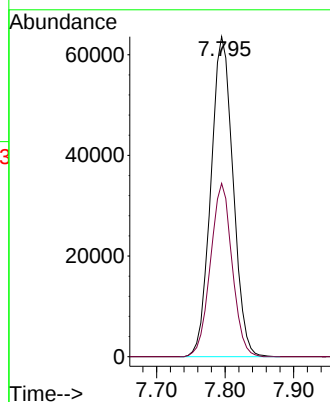
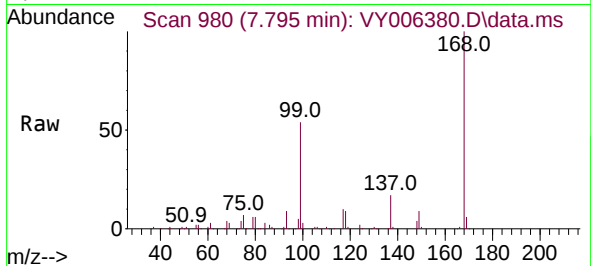




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

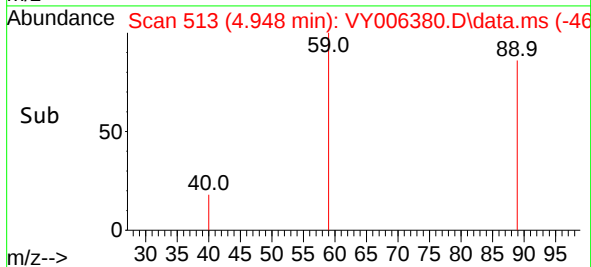
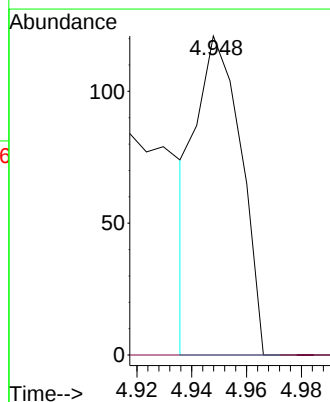
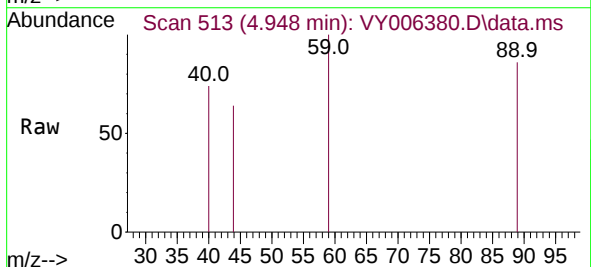
Instrument :
MSVOA_Y
ClientSampleId :

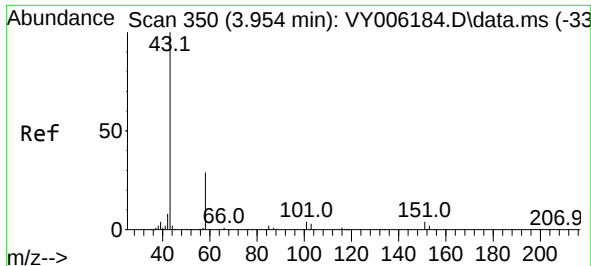
Tgt Ion:168 Resp: 143149
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.030 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

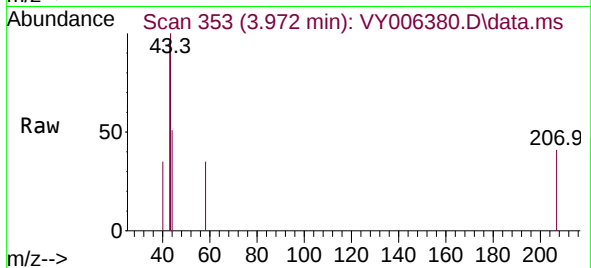
Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



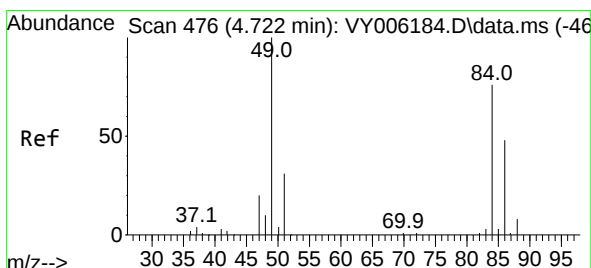
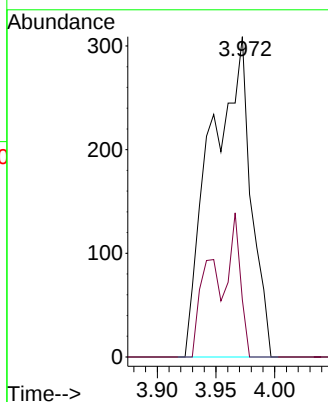
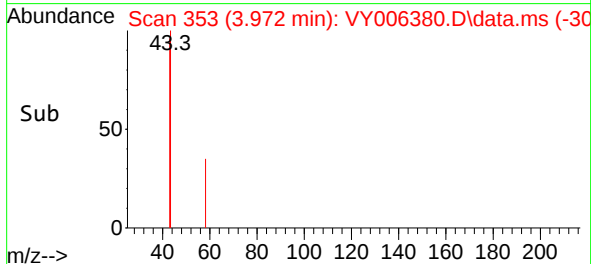


#16
Acetone
Concen: 1.697 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

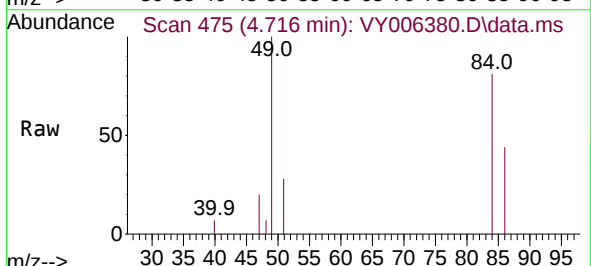
Instrument :
MSVOA_Y
ClientSampled :



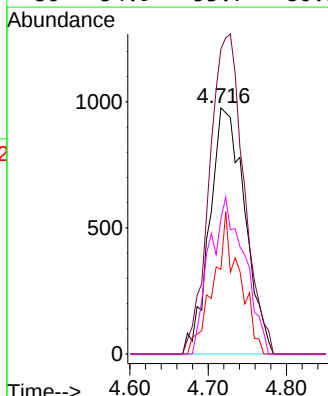
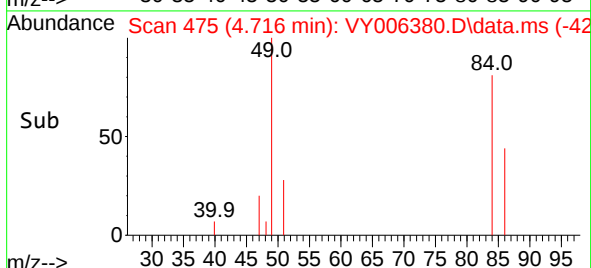
Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
58 17.8 22.0 33.0#

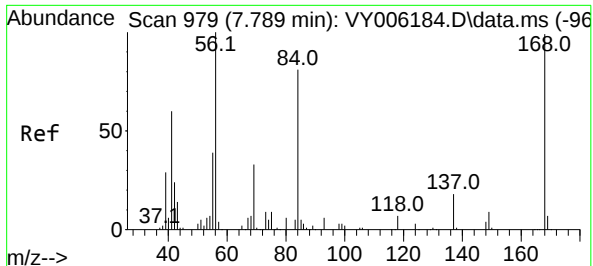


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05



Tgt Ion: 84 Resp: 3038
Ion Ratio Lower Upper
84 100
49 124.0 114.4 171.6
51 34.4 35.3 52.9#
86 54.9 53.7 80.5

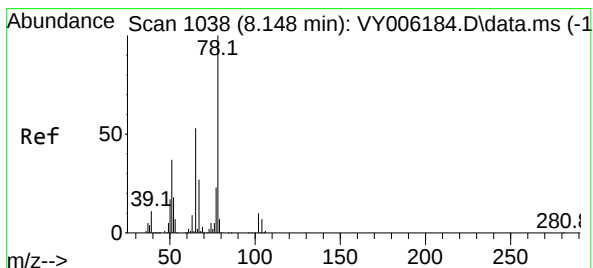
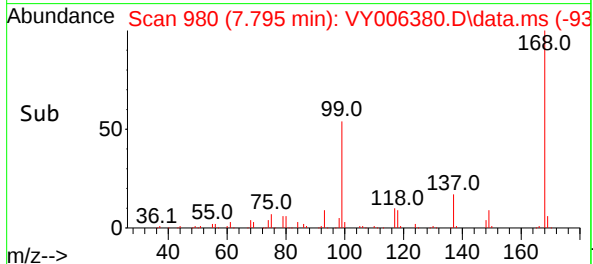
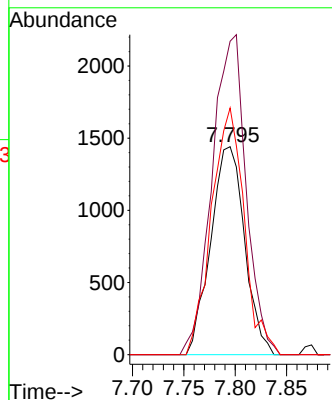
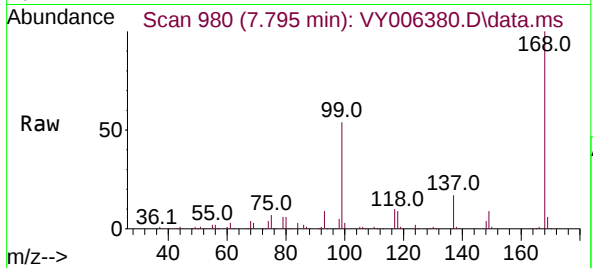




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

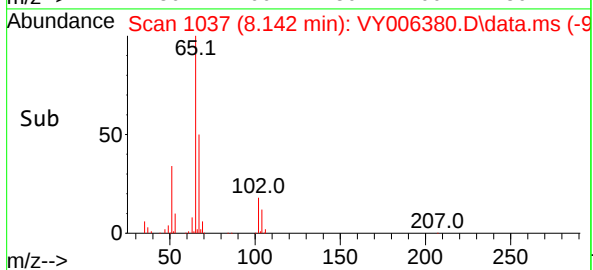
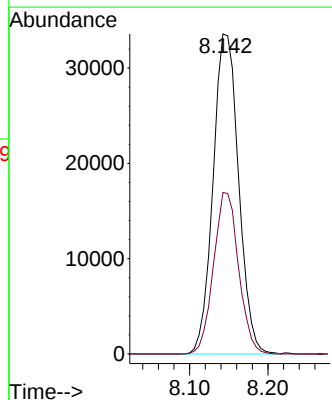
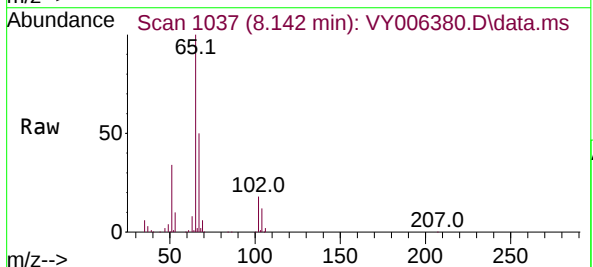
Instrument :
MSVOA_Y
ClientSampleId :

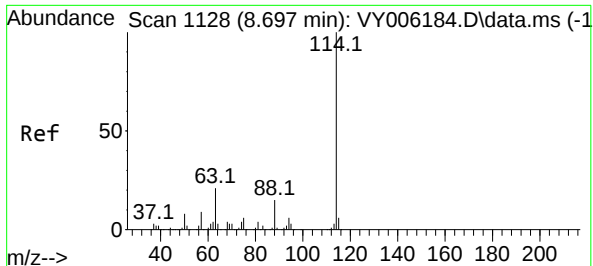
Tgt Ion: 56 Resp: 3309
Ion Ratio Lower Upper
56 100
69 150.7 26.7 40.1#
84 118.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.637 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

Tgt Ion: 65 Resp: 76049
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006380.D

Acq: 13 Oct 2021 12:05

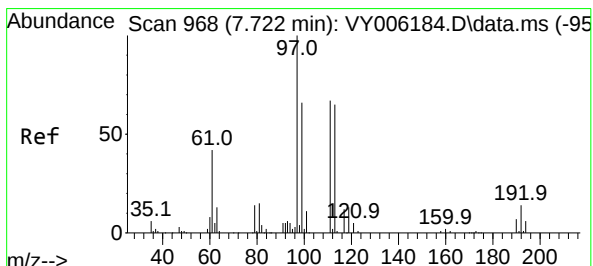
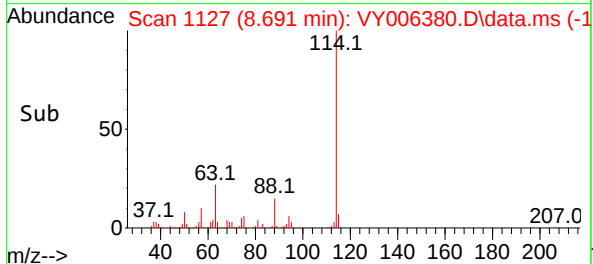
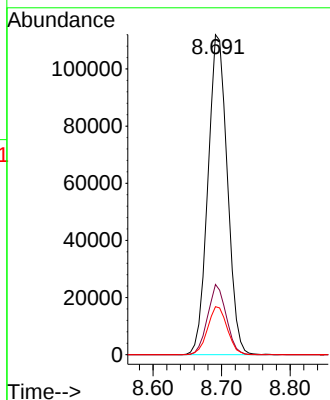
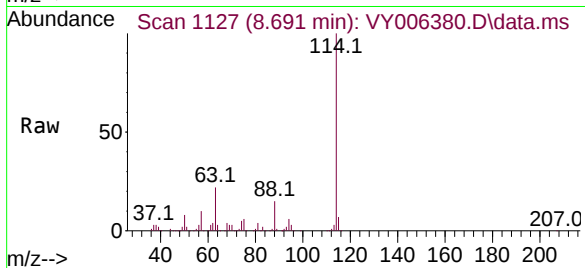
Tgt Ion:114 Resp: 219826

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.368 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006380.D

Acq: 13 Oct 2021 12:05

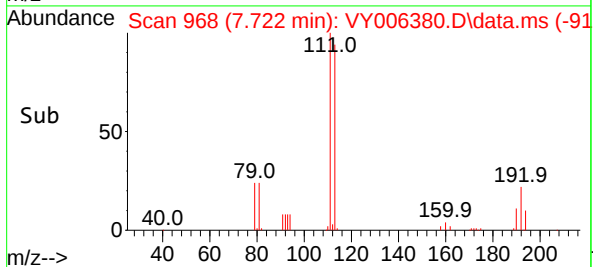
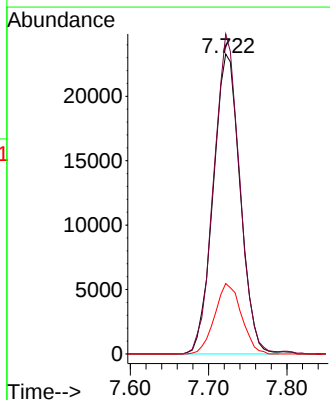
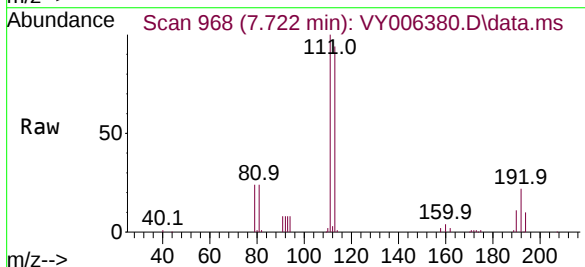
Tgt Ion:113 Resp: 55631

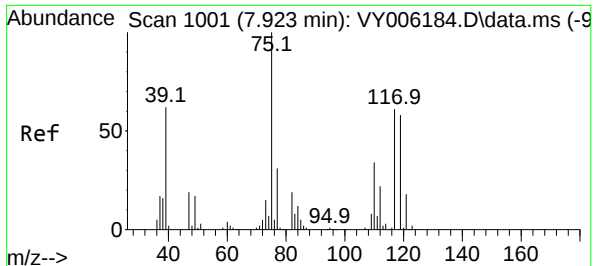
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 23.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.798 ug/l

RT: 7.795 min Scan# 980

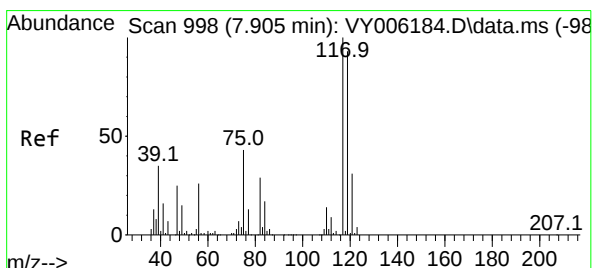
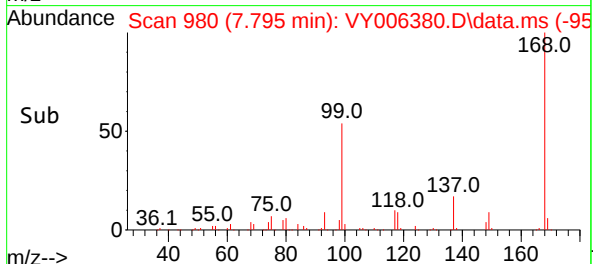
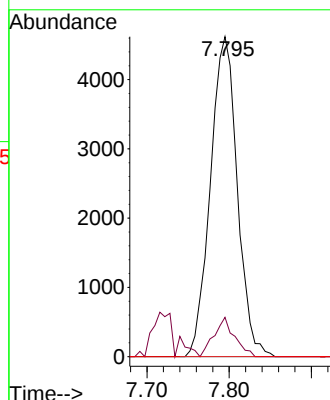
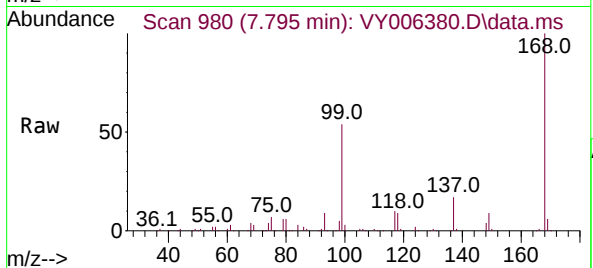
Delta R.T. -0.128 min

Lab File: VY006380.D

Acq: 13 Oct 2021 12:05

Tgt Ion:	75	Resp:	10493
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.890 ug/l

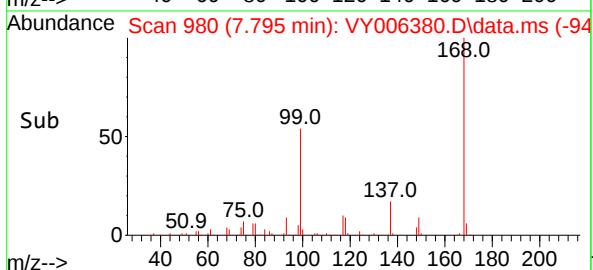
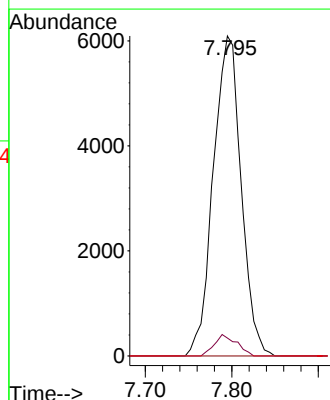
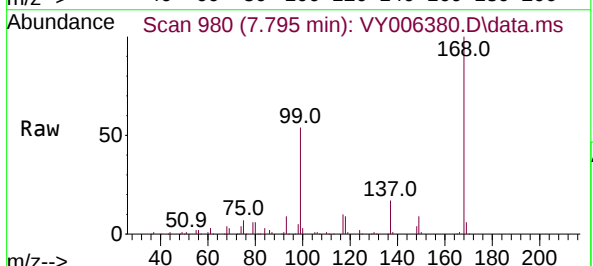
RT: 7.795 min Scan# 980

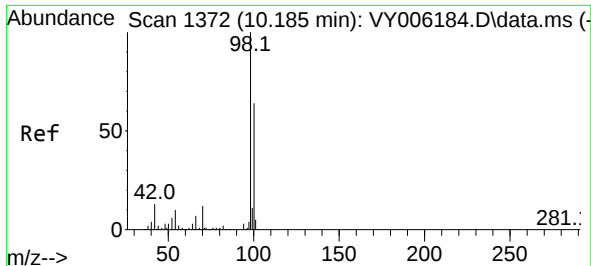
Delta R.T. -0.110 min

Lab File: VY006380.D

Acq: 13 Oct 2021 12:05

Tgt Ion:	117	Resp:	13603
Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.9	116.9#
121	0.0	24.8	37.2#

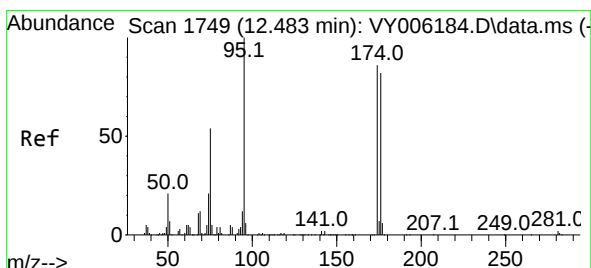
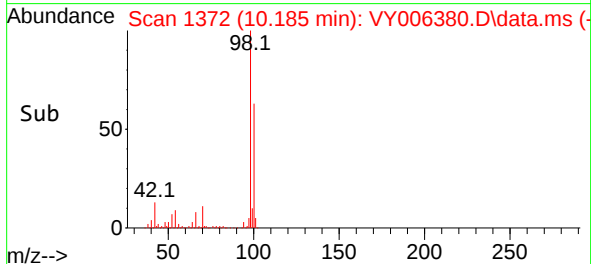
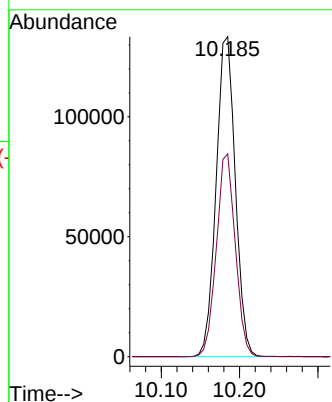
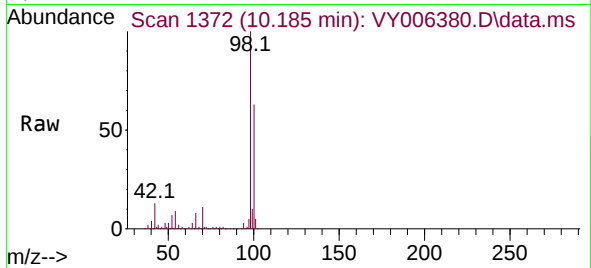




#50
Toluene-d8
Concen: 46.263 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

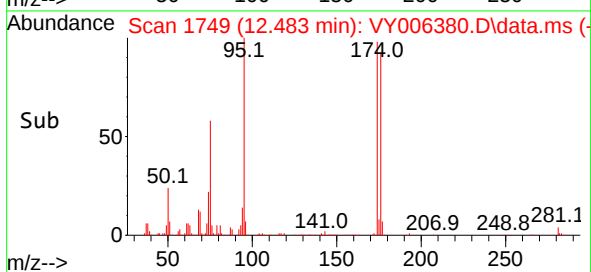
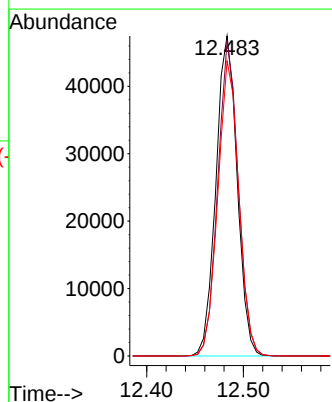
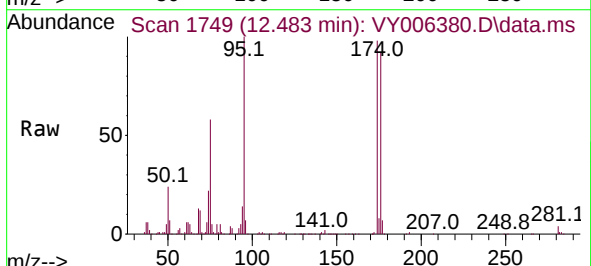
Instrument :
MSVOA_Y
ClientSampled :

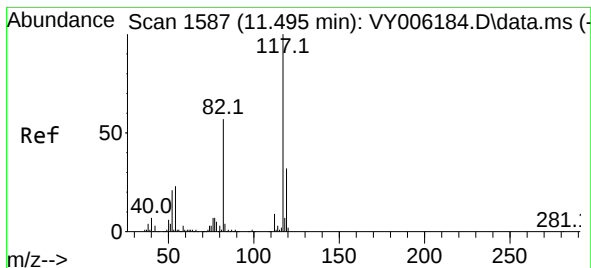
Tgt Ion: 98 Resp: 227393
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

Tgt Ion: 95 Resp: 72250
Ion Ratio Lower Upper
95 100
174 95.0 0.0 177.0
176 91.2 0.0 175.8

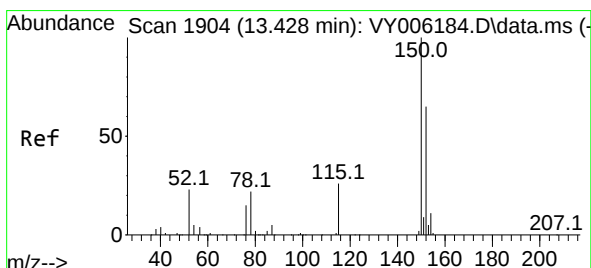
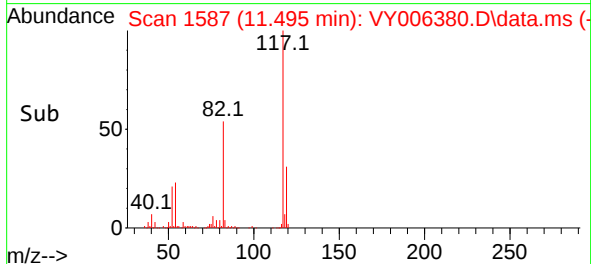
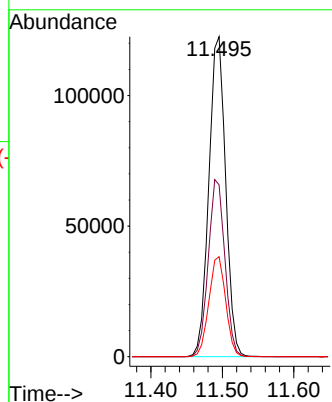
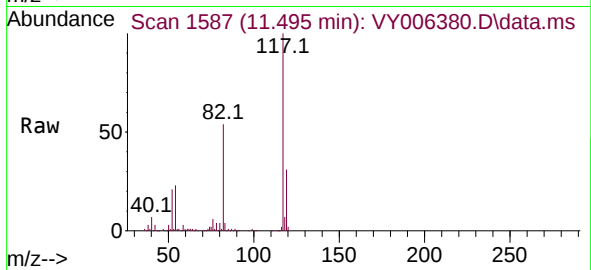




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

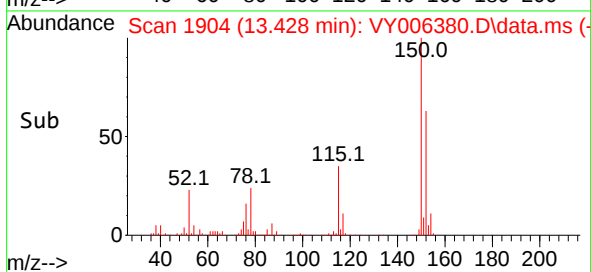
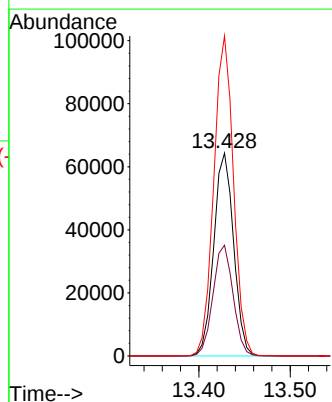
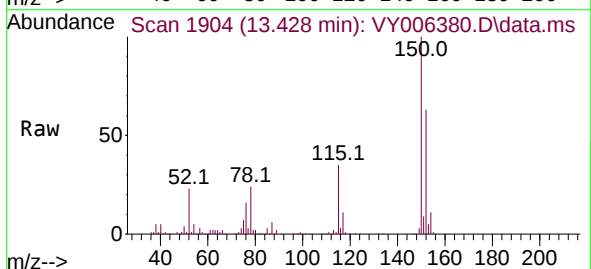
Instrument :
MSVOA_Y
ClientSampleId :

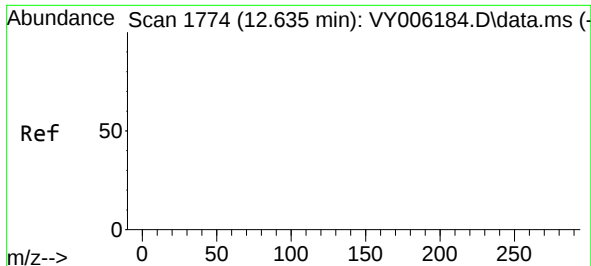
Tgt Ion:	117	Resp:	199477
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	31.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

Tgt Ion:	152	Resp:	97190
Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.2	84.7
150	156.6	0.0	347.6

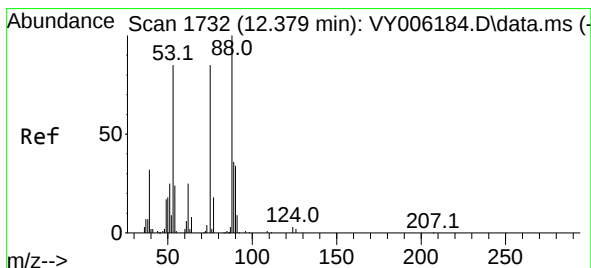
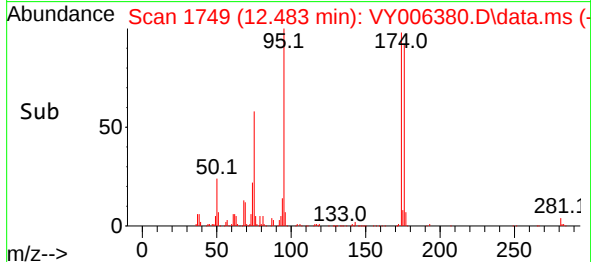
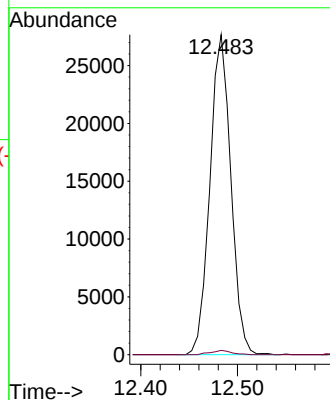
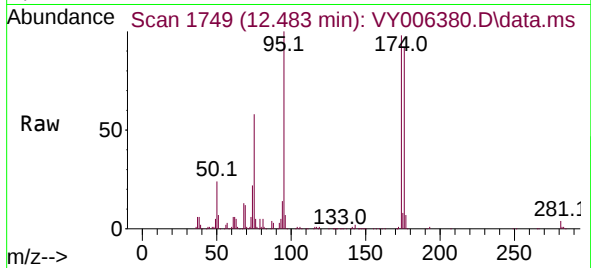




#76
1,2,3-Trichloropropane
Concen: 44.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 41682
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.712 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006380.D
Acq: 13 Oct 2021 12:05

Tgt Ion: 75 Resp: 41682
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

