

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005573.D
 Acq On : 06 Aug 2021 16:12
 Operator : SY/MD
 Sample : M3305-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 07 06:19:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

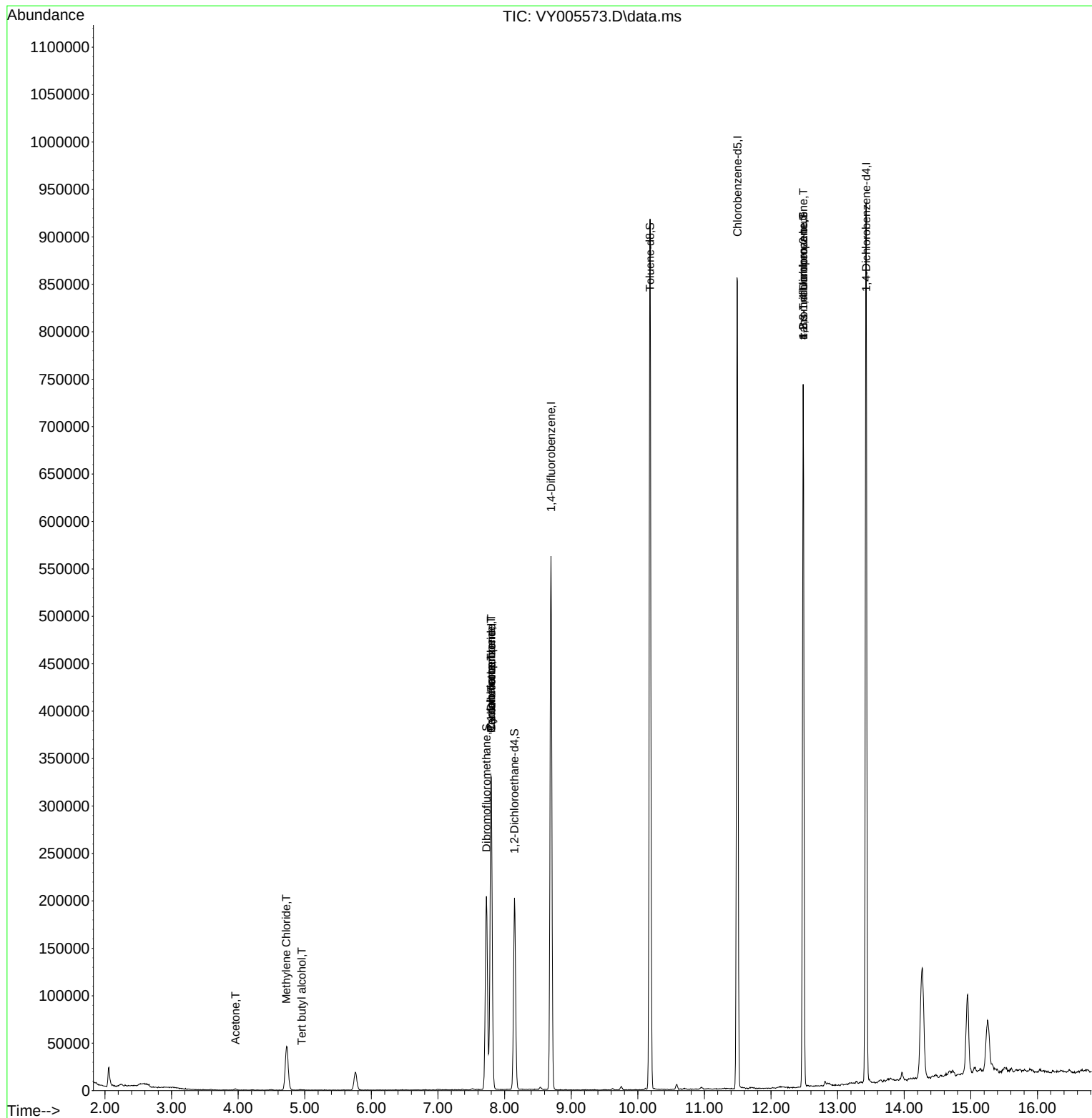
Internal Standards						
1) Pentafluorobenzene	7.801	168	269926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	466171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	459706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	237569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	160448	58.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.440%	
35) Dibromofluoromethane	7.728	113	138402	53.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.060%	
50) Toluene-d8	10.185	98	589851	53.887	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.780%	
62) 4-Bromofluorobenzene	12.483	95	214111	59.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.140%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	848	3.139	ug/l #	73
16) Acetone	3.960	43	2338	3.394	ug/l	96
20) Methylene Chloride	4.722	84	35570	7.923	ug/l	89
31) Cyclohexane	7.795	56	5147	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	19179	4.386	ug/l #	50
38) Carbon Tetrachloride	7.801	117	24789	5.216	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	114431	46.481	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	114431	93.699	ug/l #	11

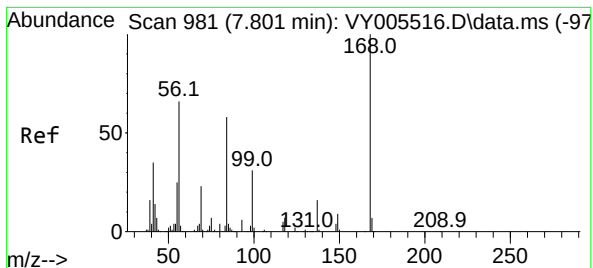
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
Data File : VY005573.D
Acq On : 06 Aug 2021 16:12
Operator : SY/MD
Sample : M3305-01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 07 06:19:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

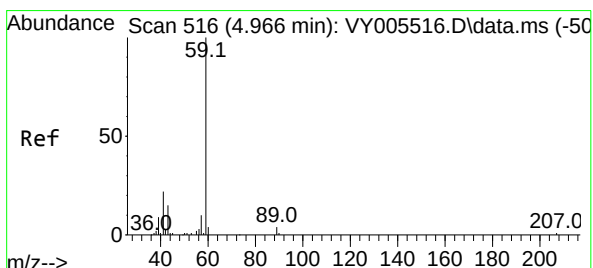
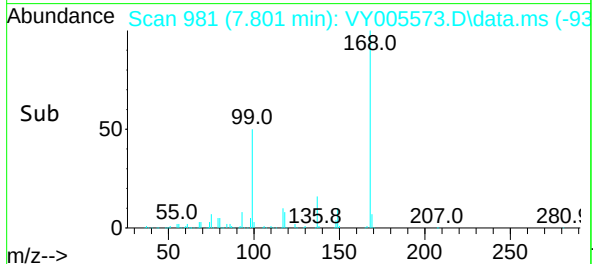
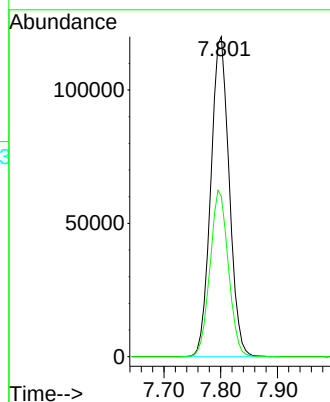
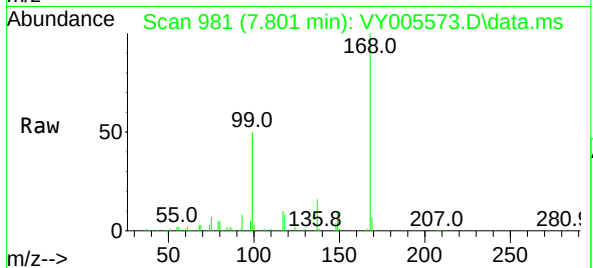
Lab File: VY005573.D

Acq: 06 Aug 2021 16:12

Tgt Ion:168 Resp: 269926

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	50.1	38.9	58.3



#11

Tert butyl alcohol

Concen: 3.139 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.012 min

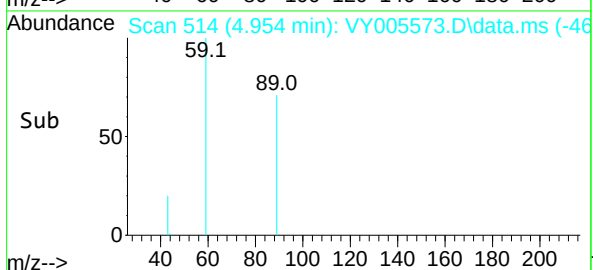
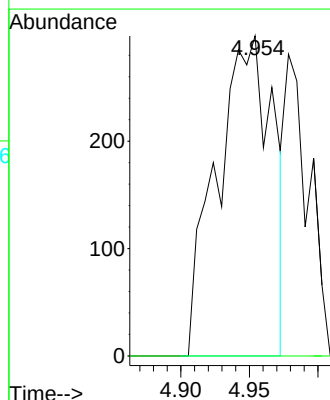
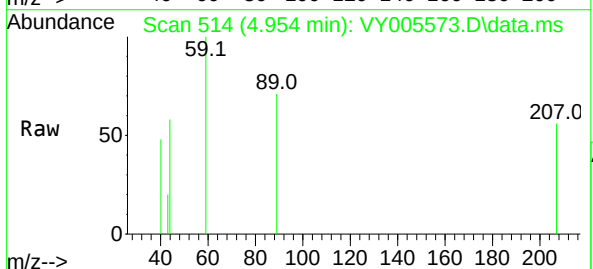
Lab File: VY005573.D

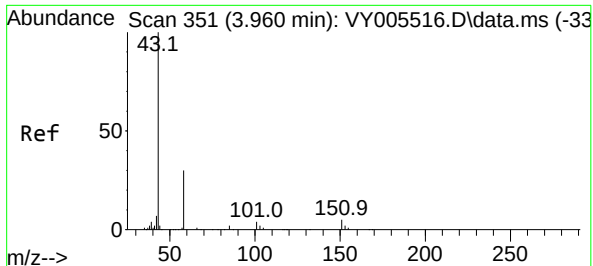
Acq: 06 Aug 2021 16:12

Tgt Ion: 59 Resp: 848

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

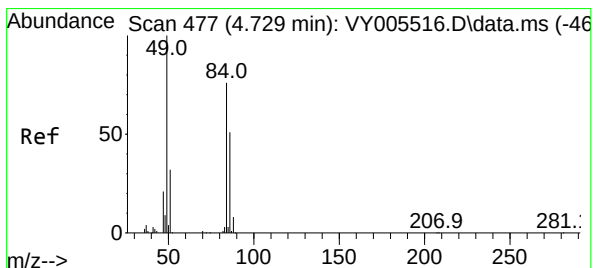
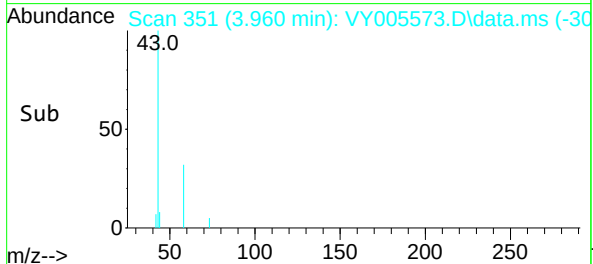
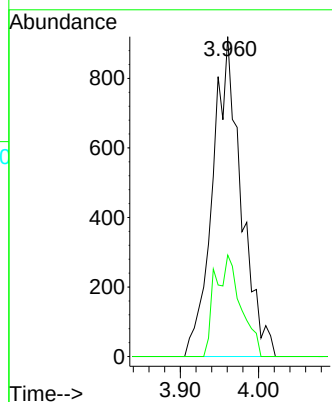
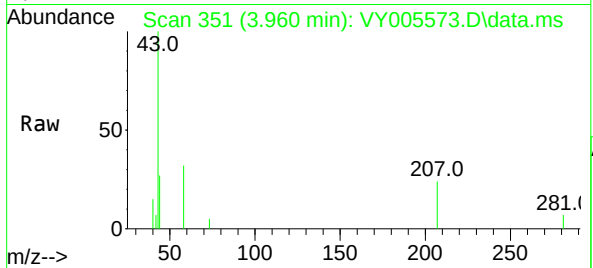




#16
Acetone
Concen: 3.394 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

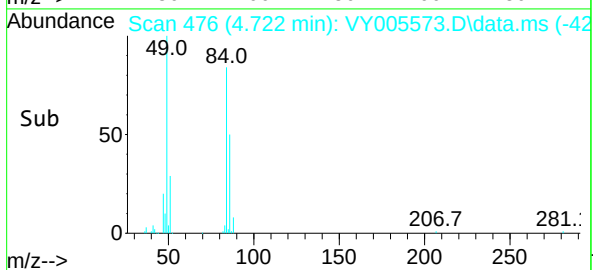
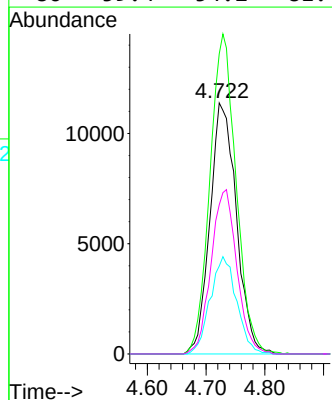
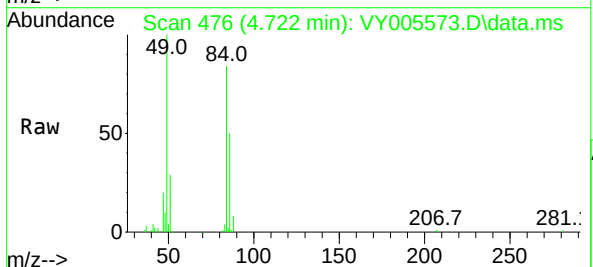
Instrument :
MSVOA_Y
ClientSampled :

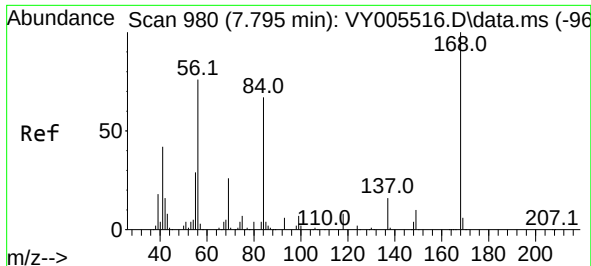
Tgt Ion: 43 Resp: 2338
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.6



#20
Methylene Chloride
Concen: 7.923 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

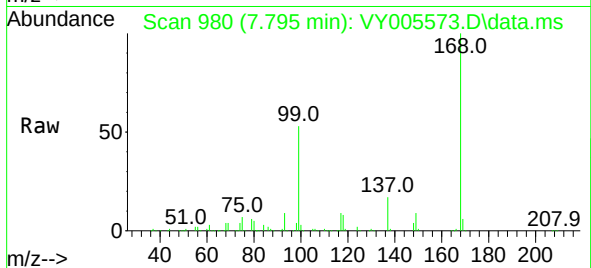
Tgt Ion: 84 Resp: 35570
Ion Ratio Lower Upper
84 100
49 119.5 105.8 158.6
51 35.0 33.4 50.2
86 59.4 54.2 81.4



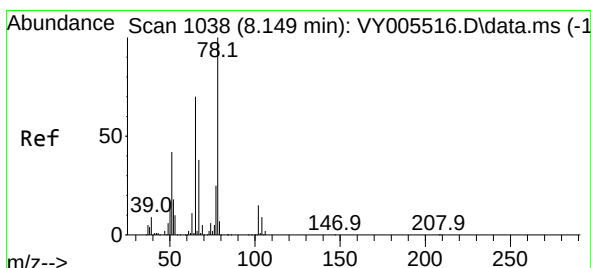
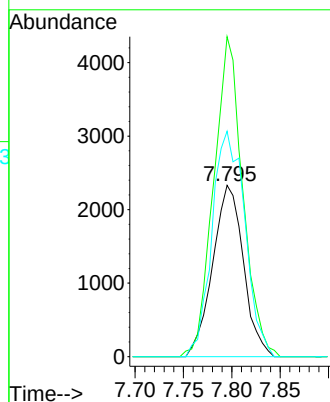
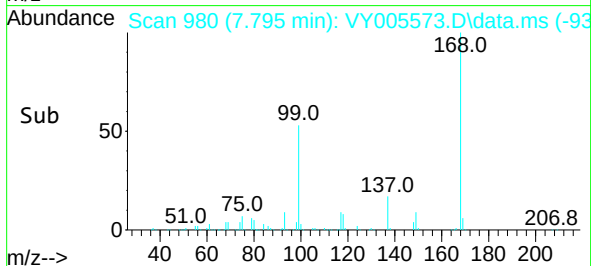


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

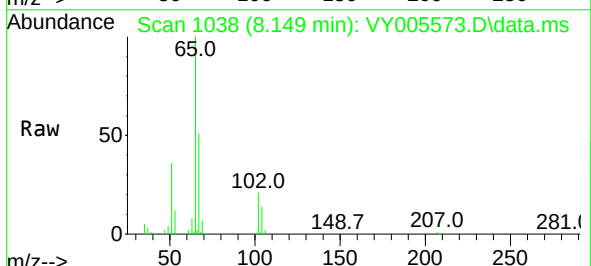
Instrument :
MSVOA_Y
ClientSampled :



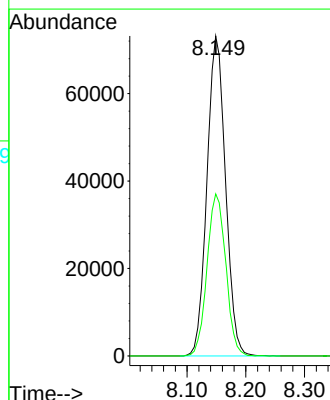
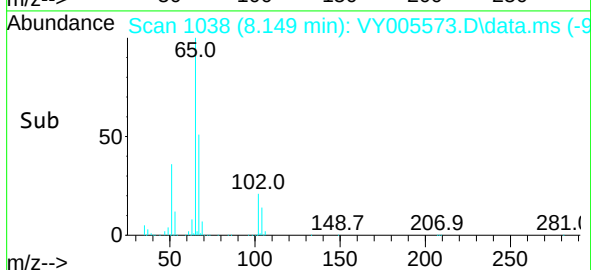
Tgt Ion: 56 Resp: 5147
Ion Ratio Lower Upper
56 100
69 186.8 27.7 41.5#
84 131.6 70.9 106.3#

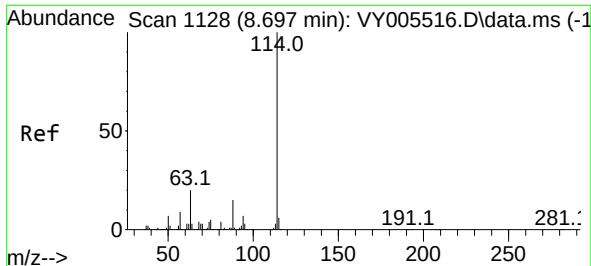


#33
1,2-Dichloroethane-d4
Concen: 58.722 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12



Tgt Ion: 65 Resp: 160448
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

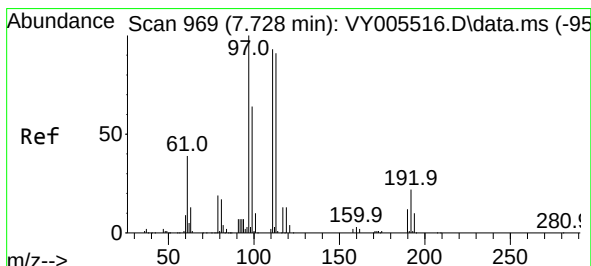
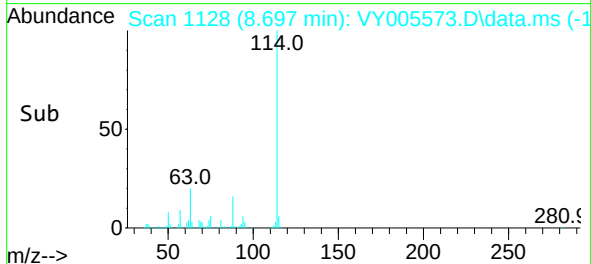
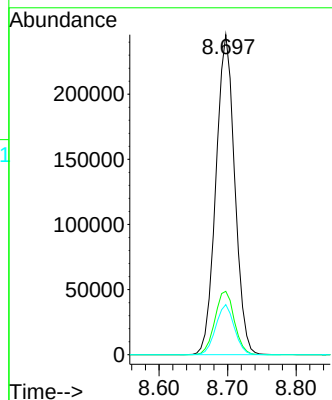
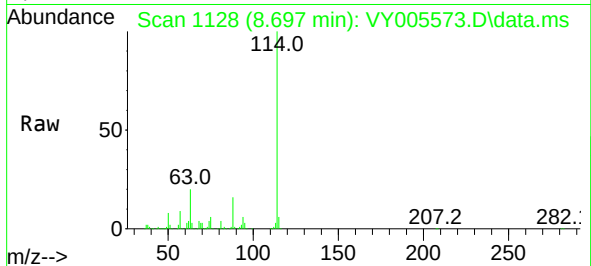




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

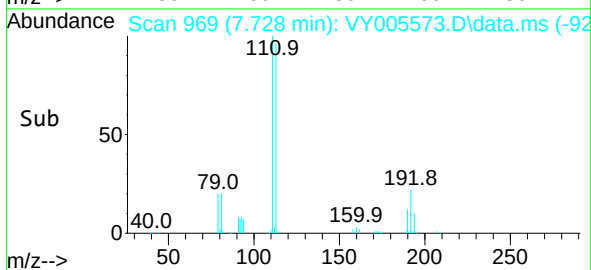
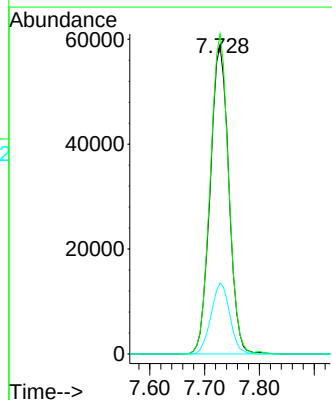
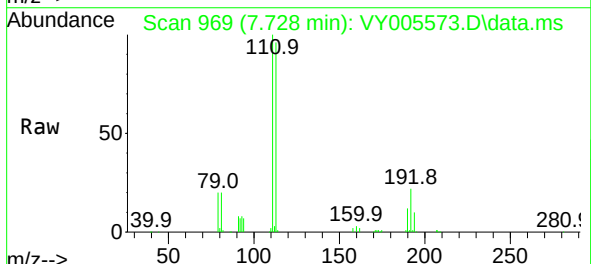
Instrument :
MSVOA_Y
ClientSampled :

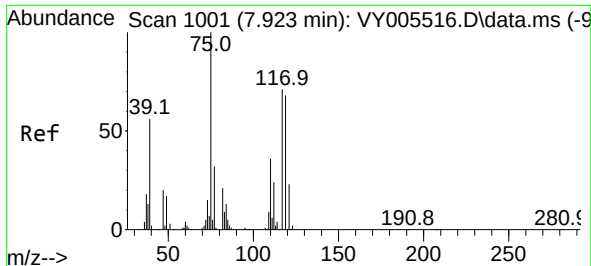
Tgt Ion:114 Resp: 466171
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.028 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

Tgt Ion:113 Resp: 138402
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 23.1 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.795 min Scan# 980

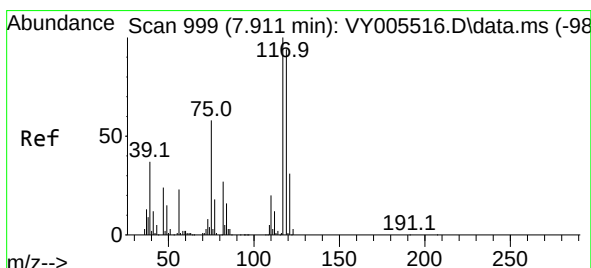
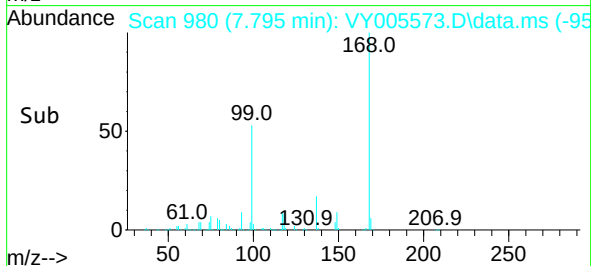
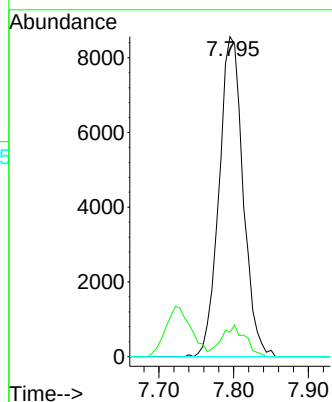
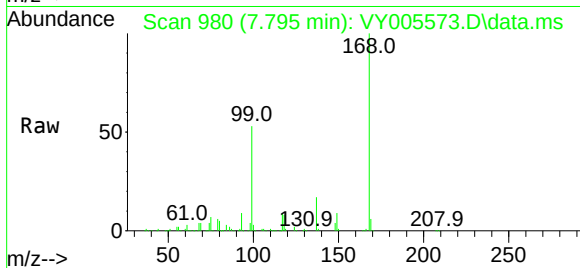
Delta R.T. -0.128 min

Lab File: VY005573.D

Acq: 06 Aug 2021 16:12

Tgt Ion:	75	Resp:	19179
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.216 ug/l

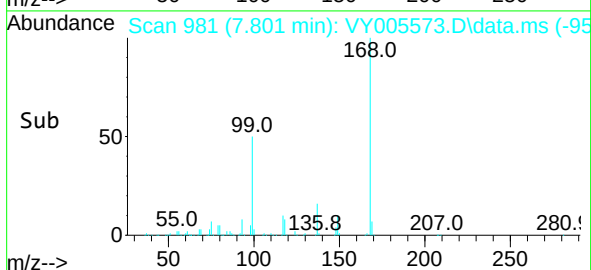
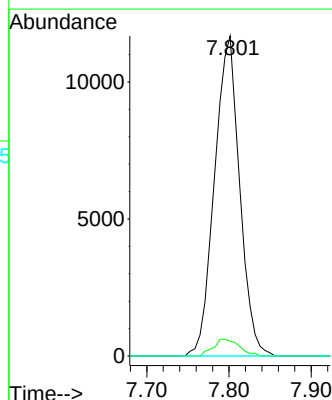
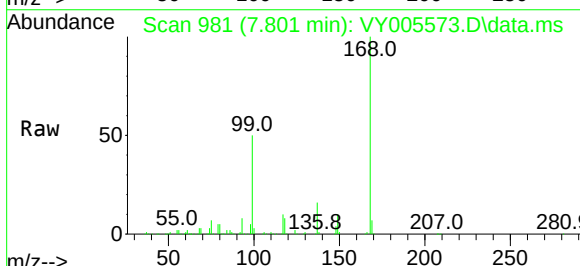
RT: 7.801 min Scan# 981

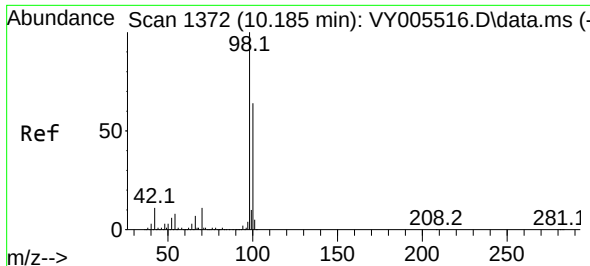
Delta R.T. -0.110 min

Lab File: VY005573.D

Acq: 06 Aug 2021 16:12

Tgt Ion:	117	Resp:	24789
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.4	113.0#
121	0.0	25.1	37.7#

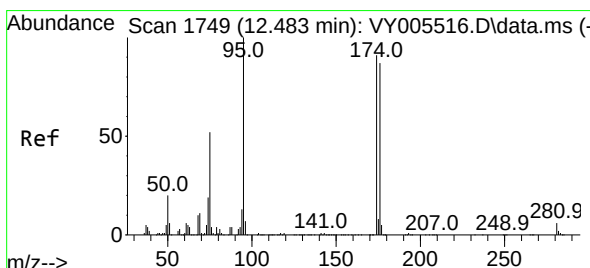
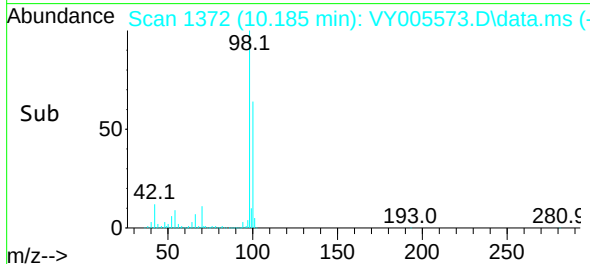
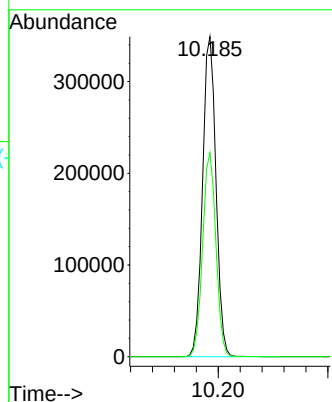
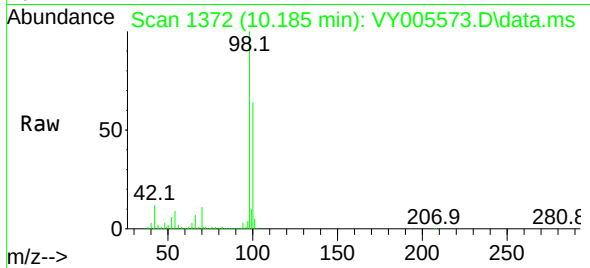




#50
Toluene-d8
Concen: 53.887 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

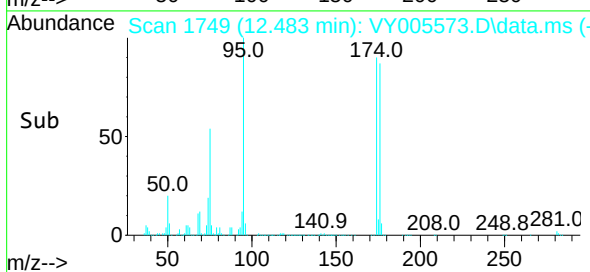
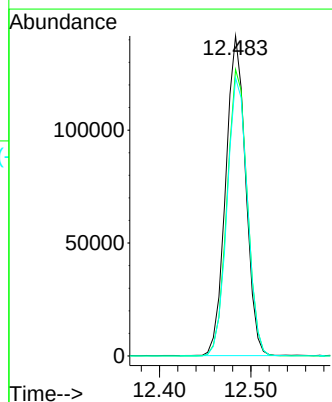
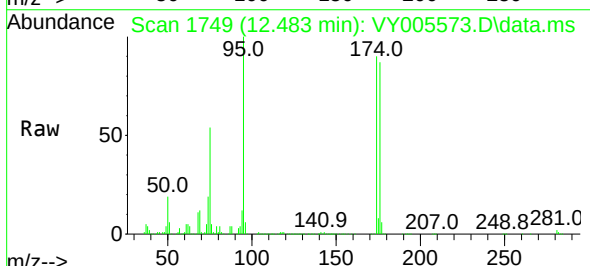
Instrument :
MSVOA_Y
ClientSampleId :

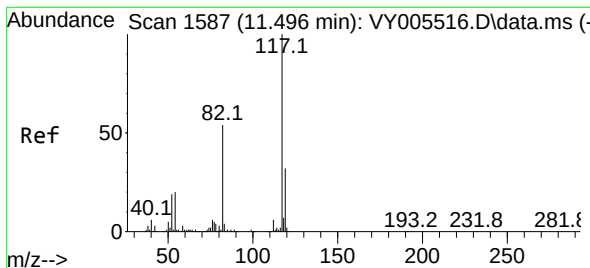
Tgt Ion: 98 Resp: 589851
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.069 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

Tgt Ion: 95 Resp: 214111
Ion Ratio Lower Upper
95 100
174 91.1 0.0 191.4
176 88.7 0.0 183.6

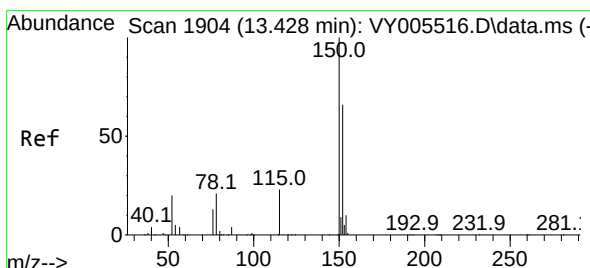
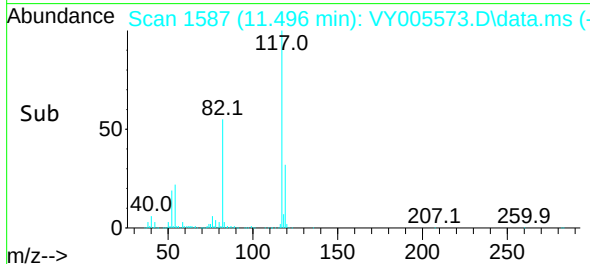
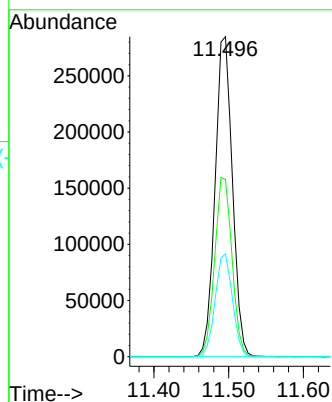
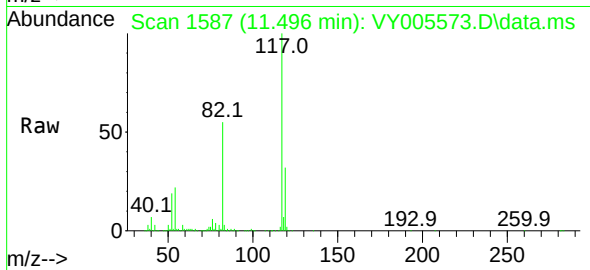




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

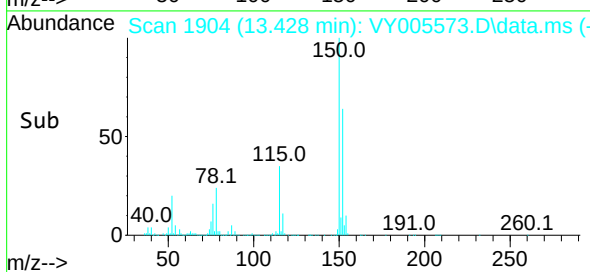
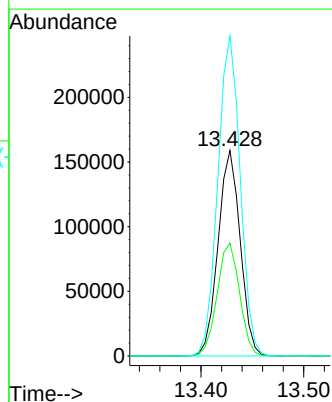
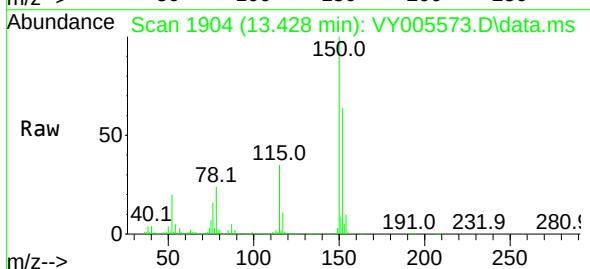
Instrument :
MSVOA_Y
ClientSampleId :

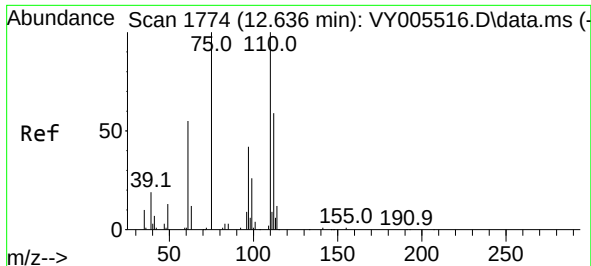
Tgt Ion:117 Resp: 459706
Ion Ratio Lower Upper
117 100
82 55.3 43.5 65.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

Tgt Ion:152 Resp: 237569
Ion Ratio Lower Upper
152 100
115 55.7 27.3 81.9
150 157.7 0.0 350.2

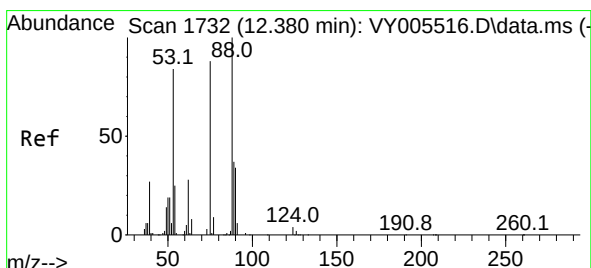
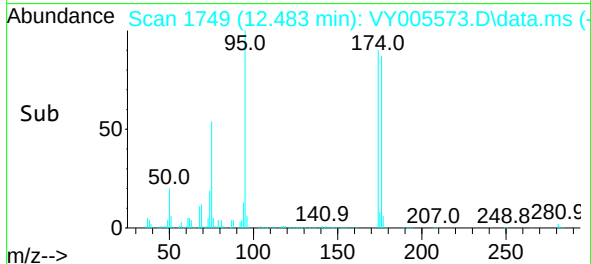
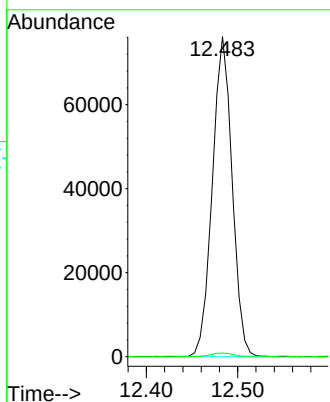
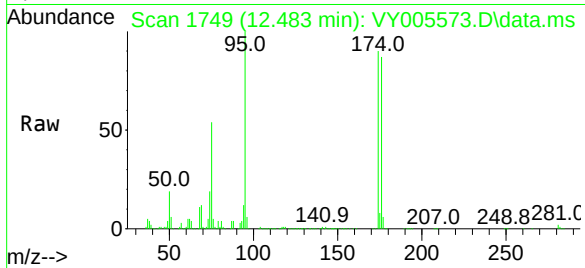




#76
1,2,3-Trichloropropane
Concen: 46.481 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 114431
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.699 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005573.D
Acq: 06 Aug 2021 16:12

Tgt Ion: 75 Resp: 114431
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

