

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005762.D
 Acq On : 19 Aug 2021 12:29
 Operator : SY/MD
 Sample : M3414-03RE
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:55:00 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)

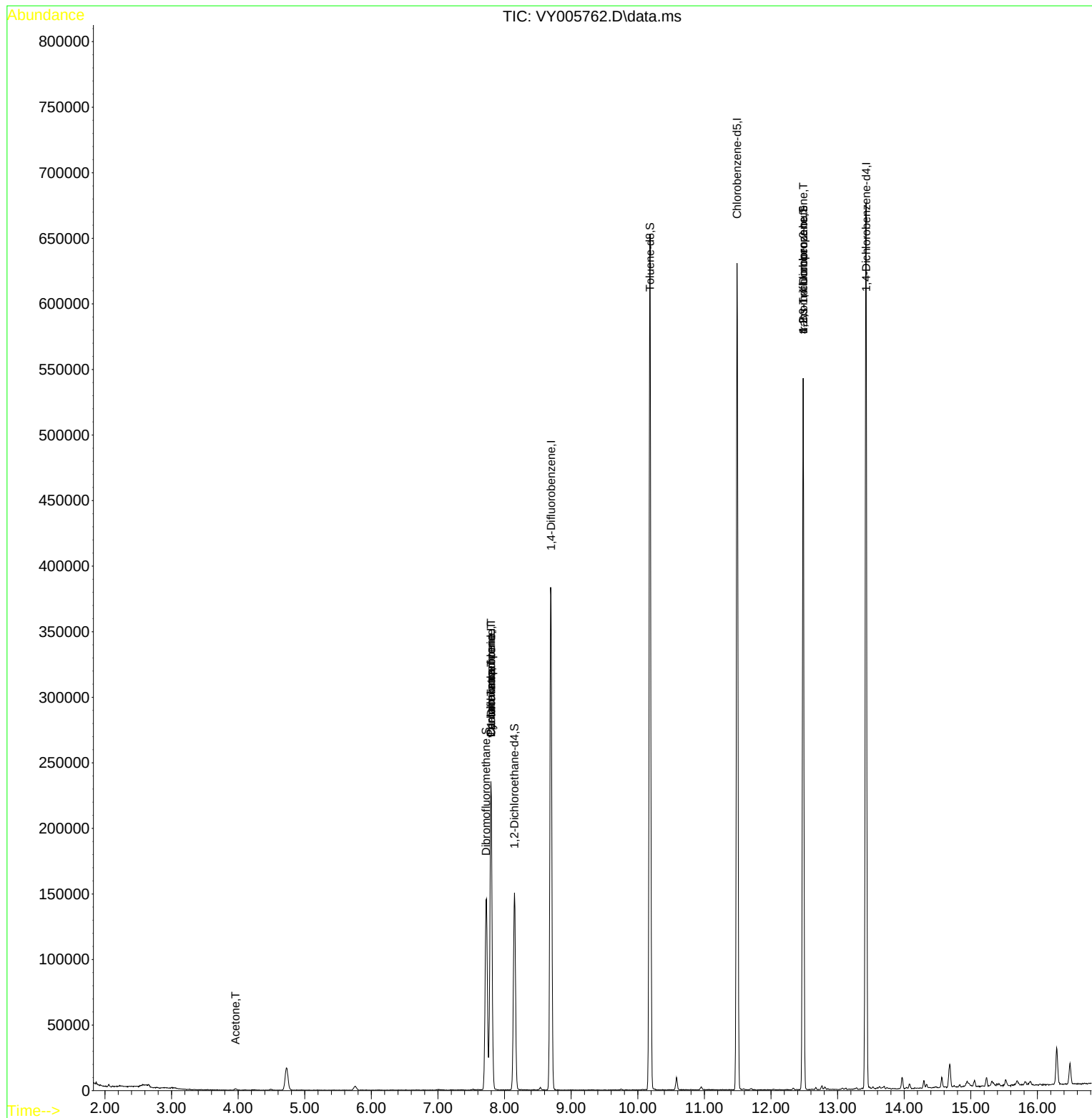
Internal Standards						
1) Pentafluorobenzene	7.795	168	189243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	337043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124195	64.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.660%	
35) Dibromofluoromethane	7.722	113	99214	54.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.900%	
50) Toluene-d8	10.185	98	421995	55.226	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.460%	
62) 4-Bromofluorobenzene	12.483	95	149273	58.992	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.980%	
Target Compounds						Qvalue
16) Acetone	3.960	43	1968	4.075	ug/l	95
31) Cyclohexane	7.795	56	3965	1.207	ug/l #	37
36) 1,1-Dichloropropene	7.795	75	13339	4.370	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17321	5.221	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	82334	44.229	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82334	89.161	ug/l #	11

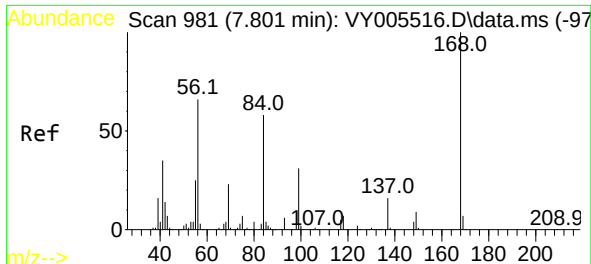
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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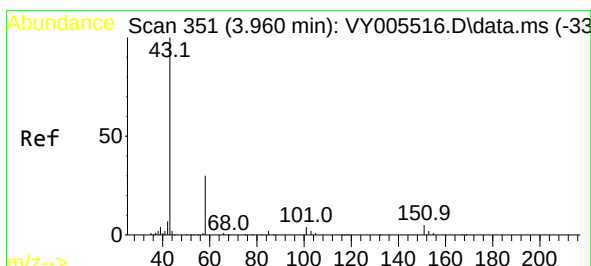
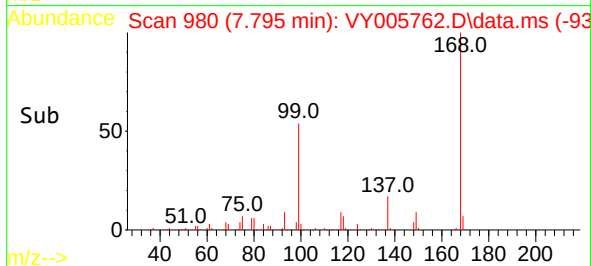
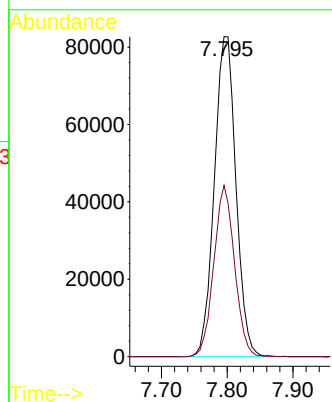
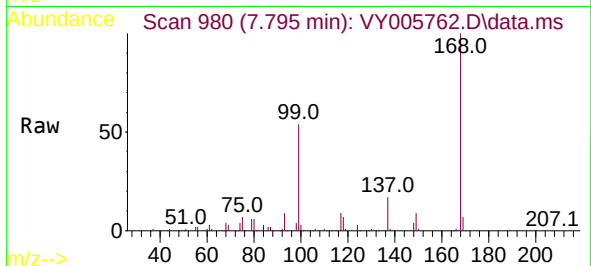




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

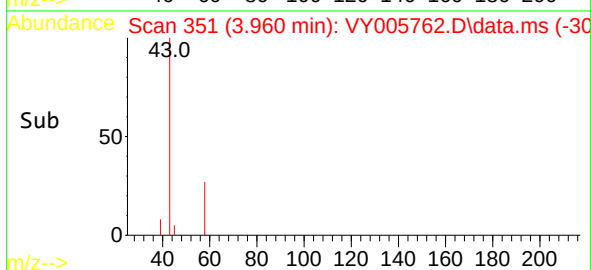
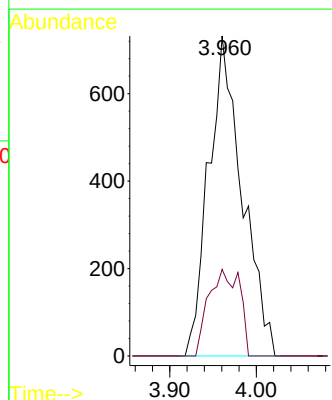
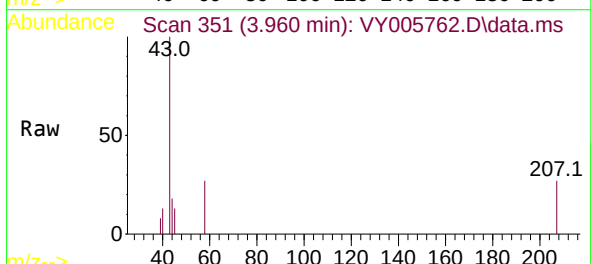
Instrument :
MSVOA_Y
ClientSampleId :

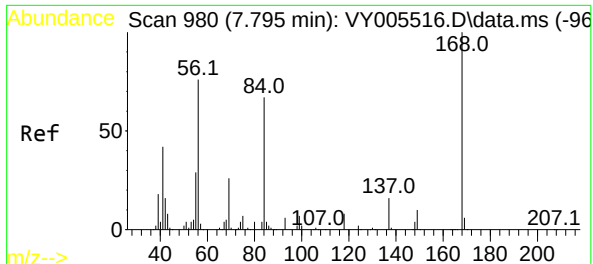
Tgt Ion:168 Resp: 189243
Ion Ratio Lower Upper
168 100
99 53.5 38.9 58.3



#16
Acetone
Concen: 4.075 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

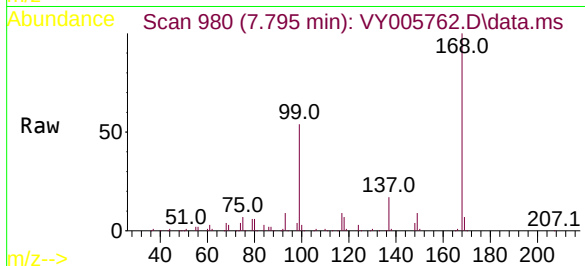
Tgt Ion: 43 Resp: 1968
Ion Ratio Lower Upper
43 100
58 27.0 23.8 35.6



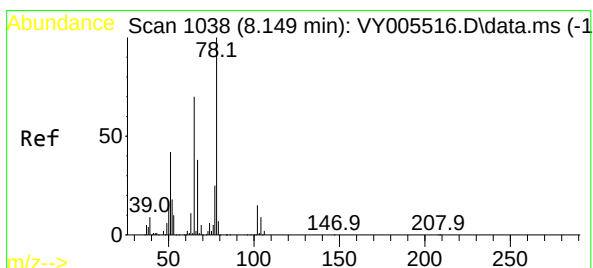
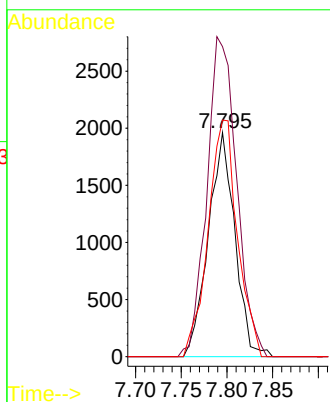
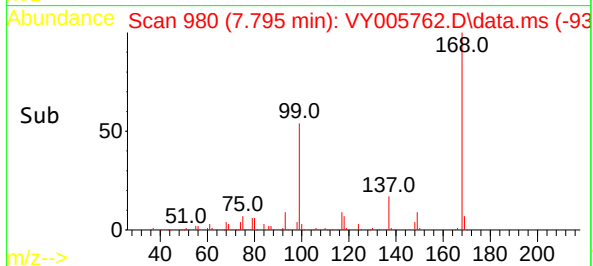


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

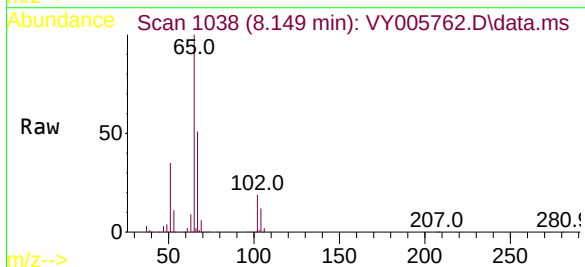
Instrument :
MSVOA_Y
ClientSampled :



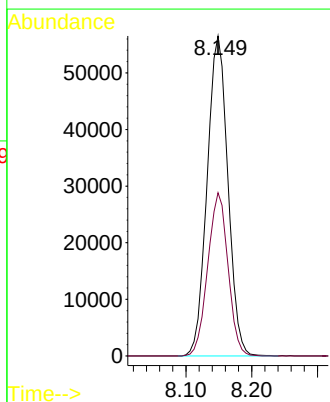
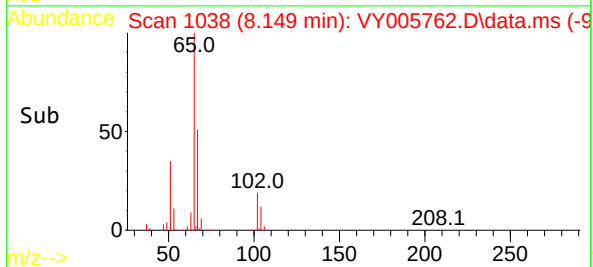
Tgt Ion: 56 Resp: 3965
Ion Ratio Lower Upper
56 100
69 138.3 27.7 41.5#
84 105.6 70.9 106.3

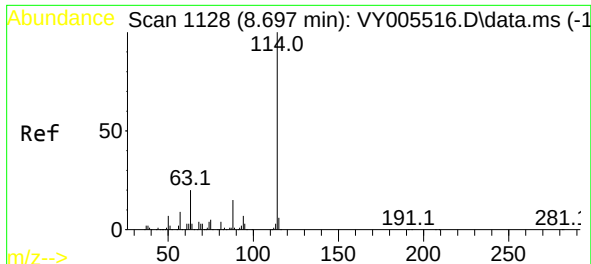


#33
1,2-Dichloroethane-d4
Concen: 64.833 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29



Tgt Ion: 65 Resp: 124195
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4

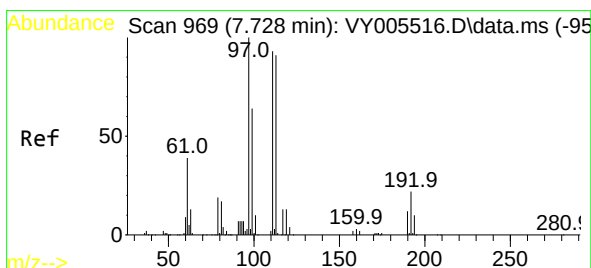
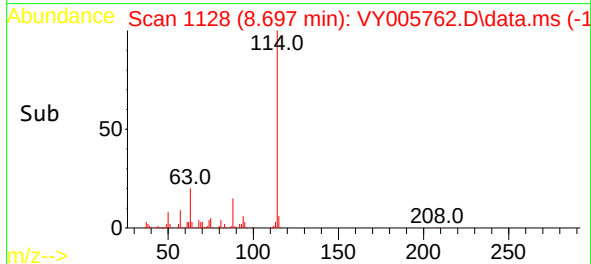
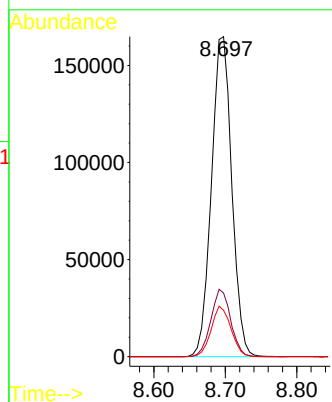
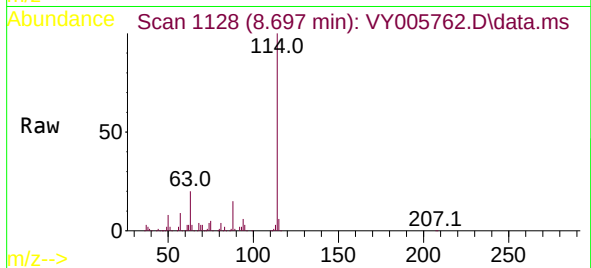




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

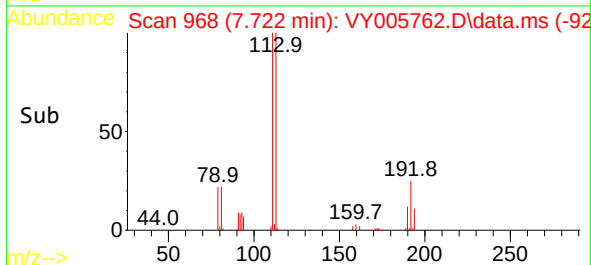
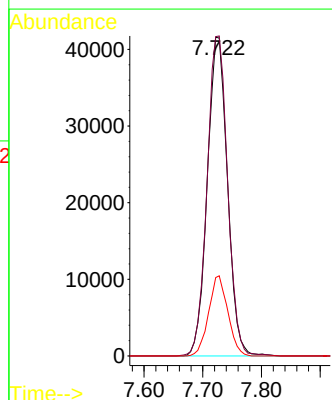
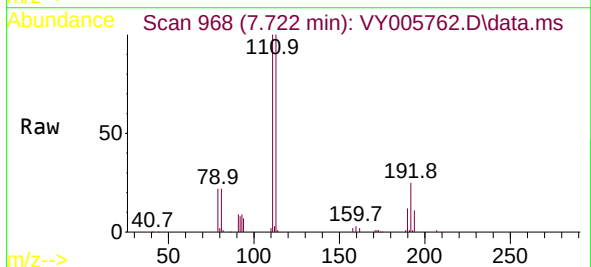
Instrument :
MSVOA_Y
ClientSampleId :

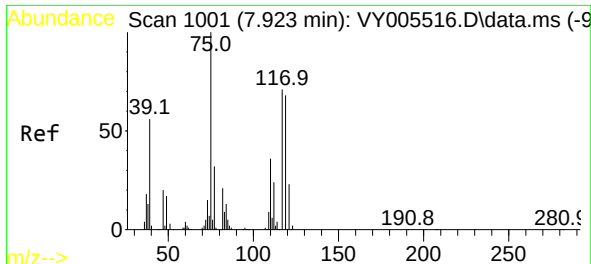
Tgt Ion:114 Resp: 325423
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 14.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.454 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

Tgt Ion:113 Resp: 99214
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 23.9 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.370 ug/l

RT: 7.795 min Scan# 980

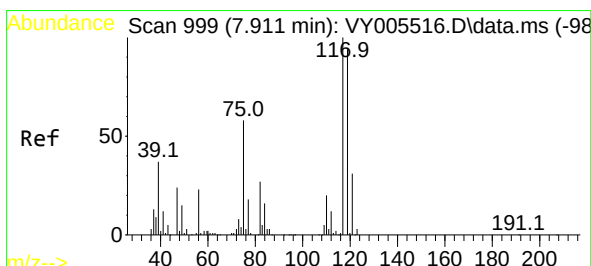
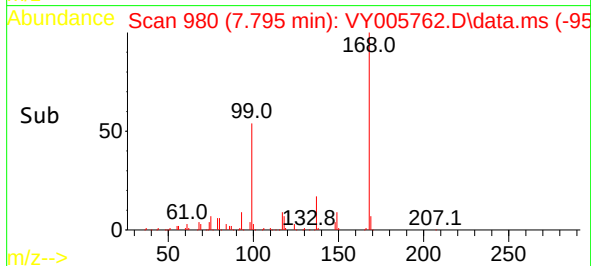
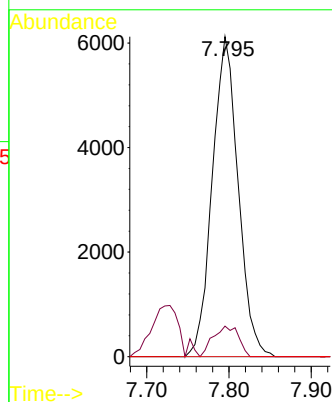
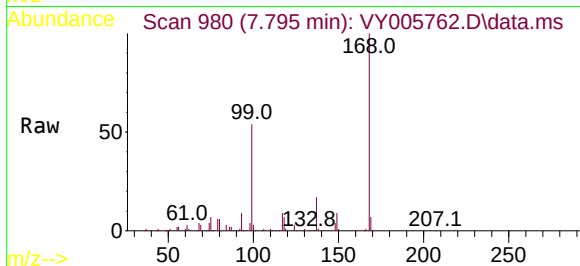
Delta R.T. -0.128 min

Lab File: VY005762.D

Acq: 19 Aug 2021 12:29

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	75	Resp:	13339
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.221 ug/l

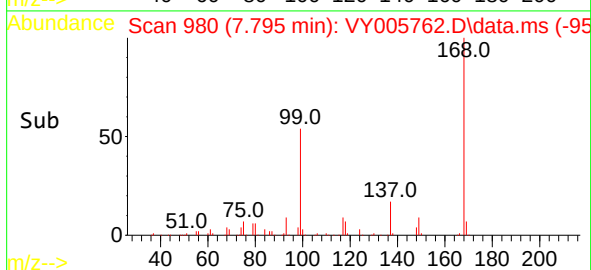
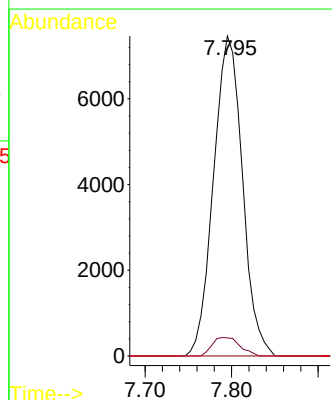
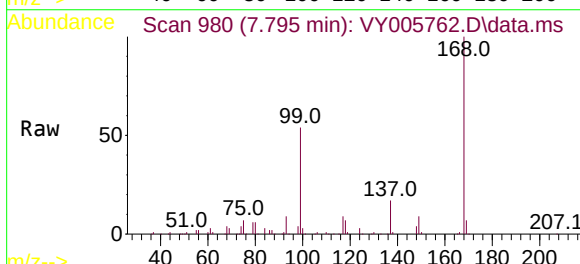
RT: 7.795 min Scan# 980

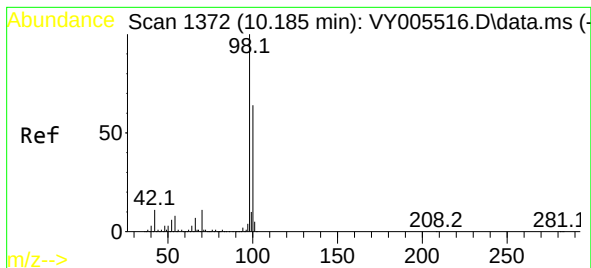
Delta R.T. -0.116 min

Lab File: VY005762.D

Acq: 19 Aug 2021 12:29

Tgt Ion:	117	Resp:	17321
Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.4	113.0#
121	0.0	25.1	37.7#

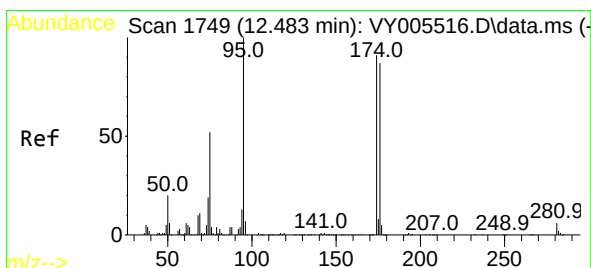
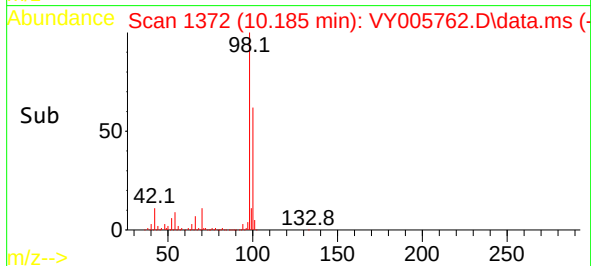
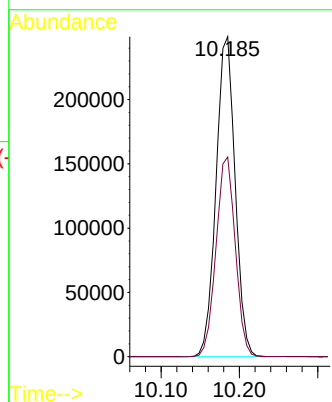
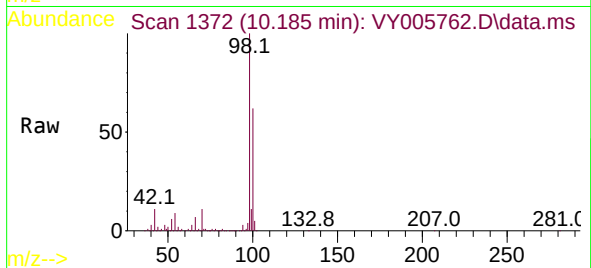




#50
Toluene-d8
Concen: 55.226 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

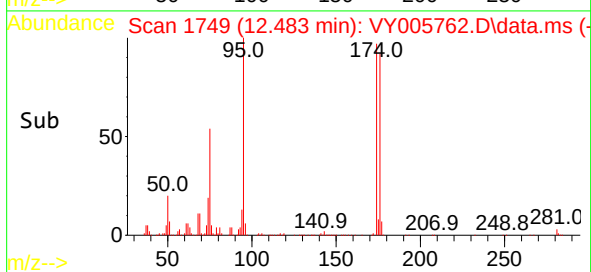
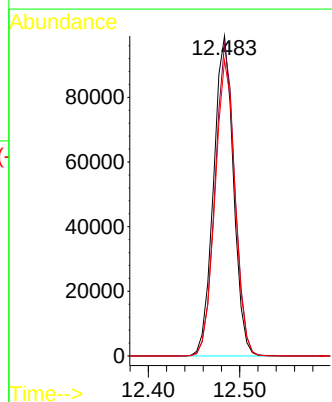
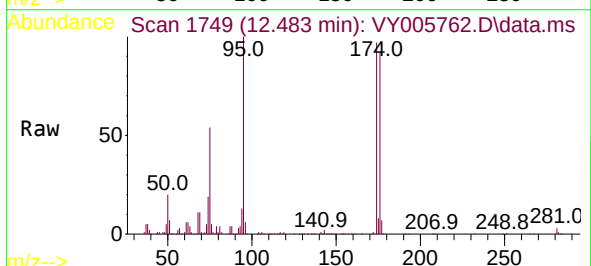
Instrument :
MSVOA_Y
ClientSampled :

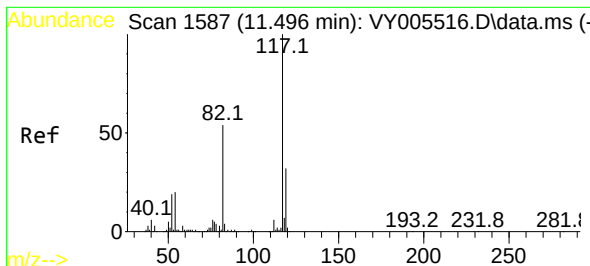
Tgt Ion: 98 Resp: 421995
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.992 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

Tgt Ion: 95 Resp: 149273
Ion Ratio Lower Upper
95 100
174 97.1 0.0 191.4
176 93.1 0.0 183.6

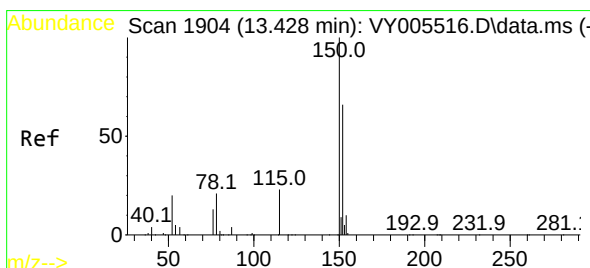
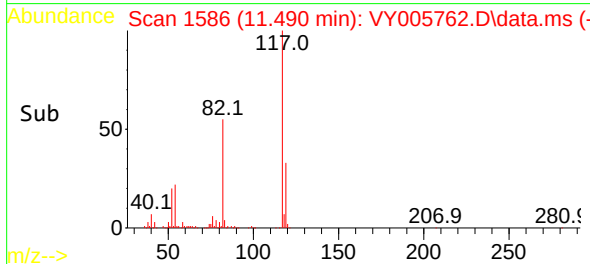
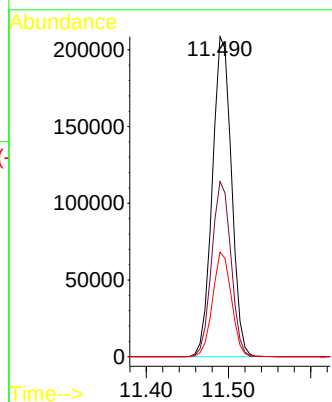
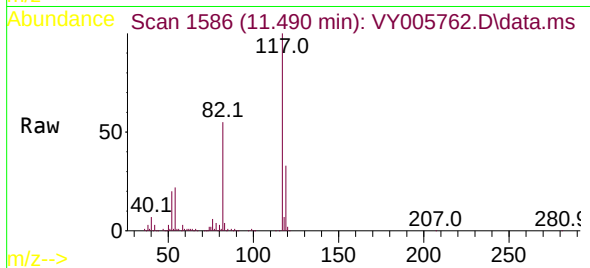




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

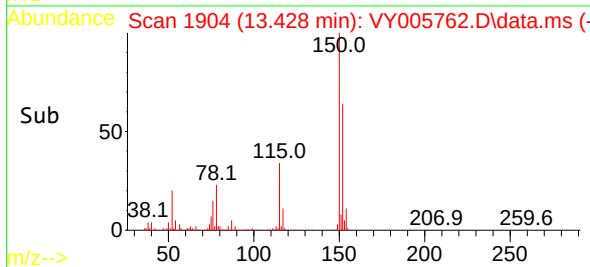
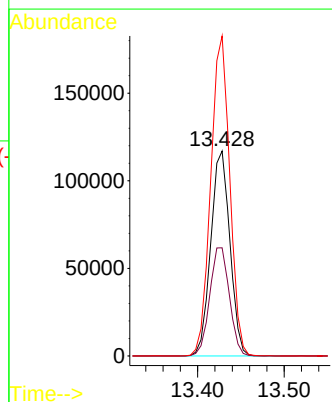
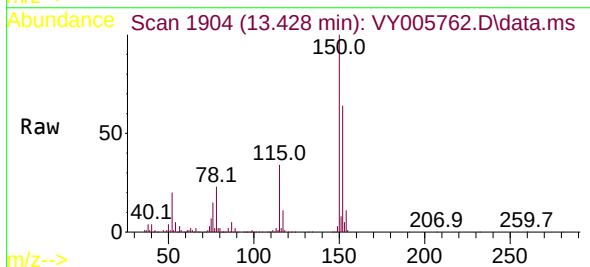
Instrument :
MSVOA_Y
ClientSampleId :

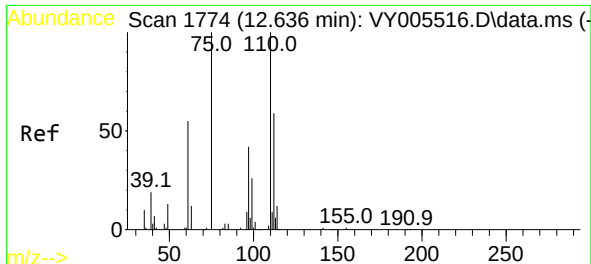
Tgt Ion:117 Resp: 337043
Ion Ratio Lower Upper
117 100
82 54.8 43.5 65.3
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

Tgt Ion:152 Resp: 179634
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 155.0 0.0 350.2

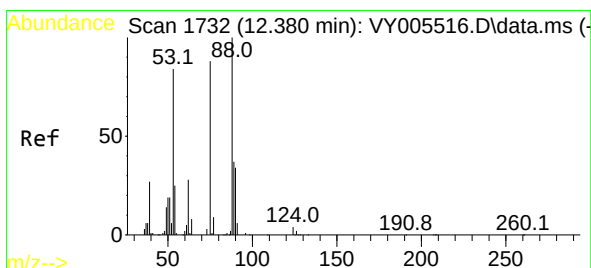
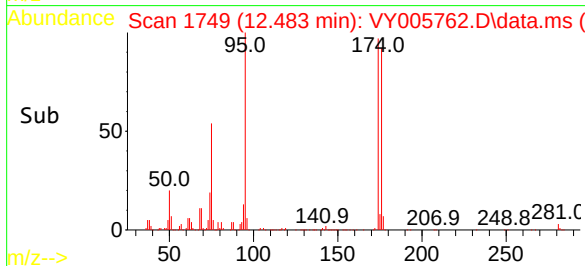
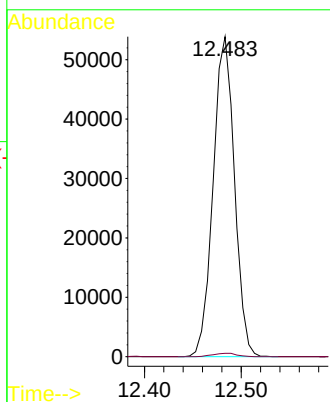
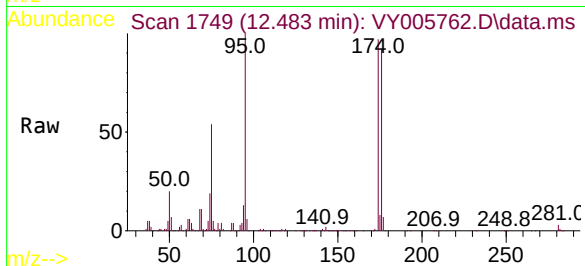




#76
1,2,3-Trichloropropane
Concen: 44.229 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 82334
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.161 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005762.D
Acq: 19 Aug 2021 12:29

Tgt Ion: 75 Resp: 82334
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

