

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005640.D
 Acq On : 13 Aug 2021 17:38
 Operator : SY/MD
 Sample : M3408-07
 Misc : 7.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 33S

Quant Time: Aug 14 03:37:09 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)

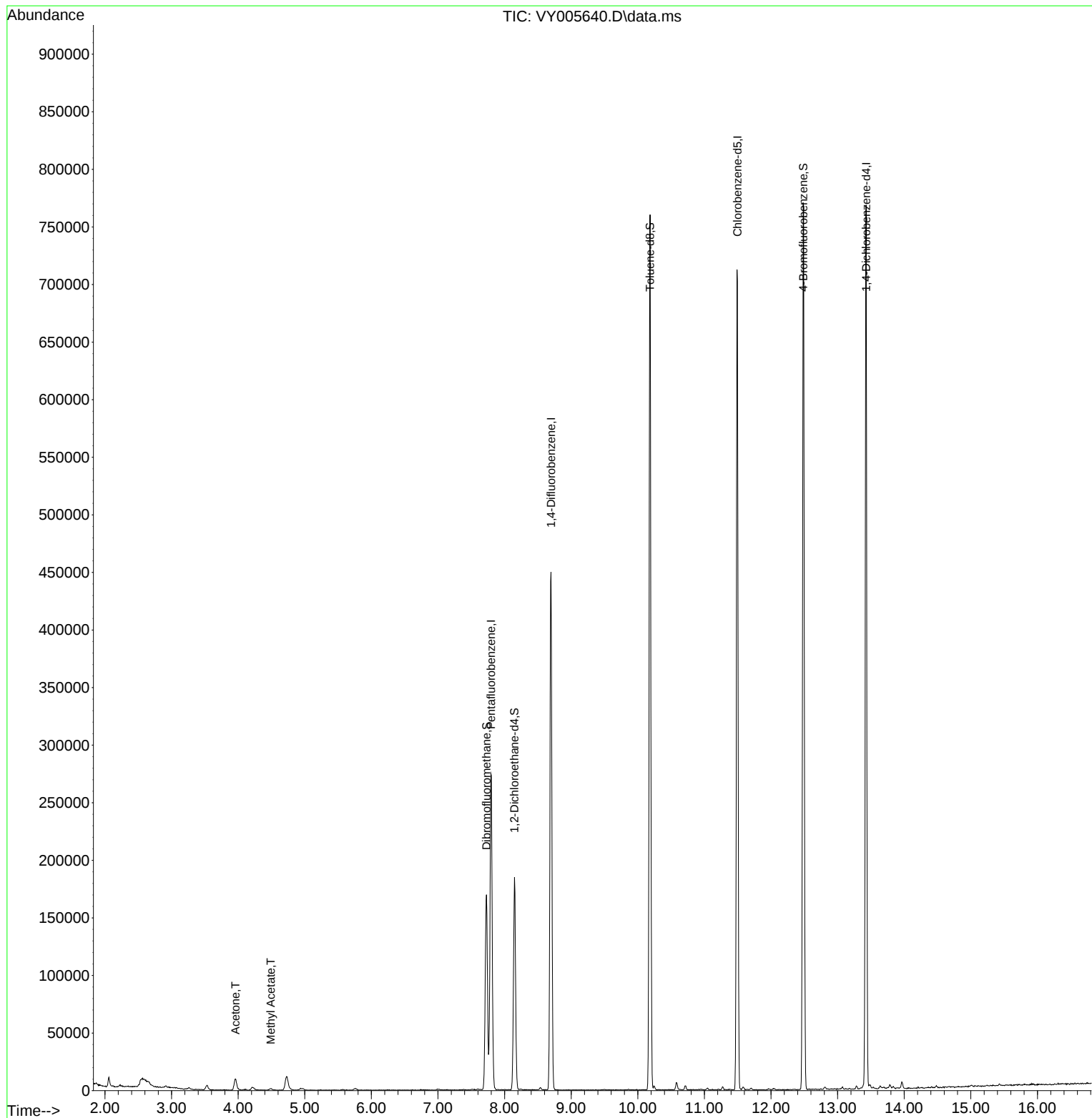
Internal Standards						
1) Pentafluorobenzene	7.795	168	225602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	384450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	386200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145989	63.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.860%
35) Dibromofluoromethane	7.728	113	117038	54.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.185	98	491764	54.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.960%
62) 4-Bromofluorobenzene	12.483	95	176027	58.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.760%
Target Compounds						Qvalue
16) Acetone	3.960	43	17376	30.179	ug/l	93
18) Methyl Acetate	4.491	43	2854	1.895	ug/l	90

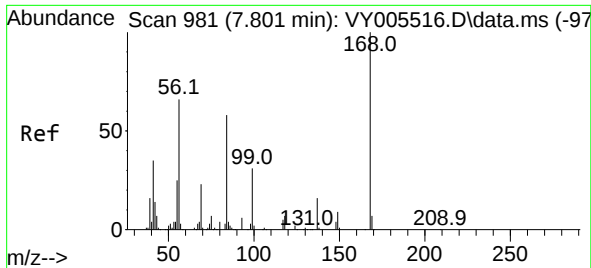
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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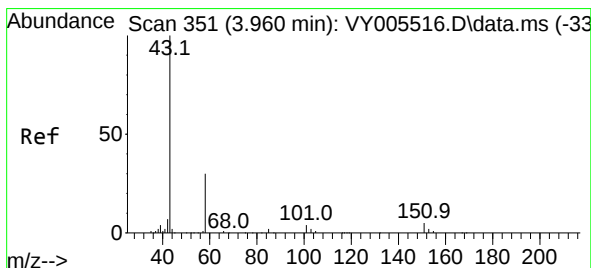
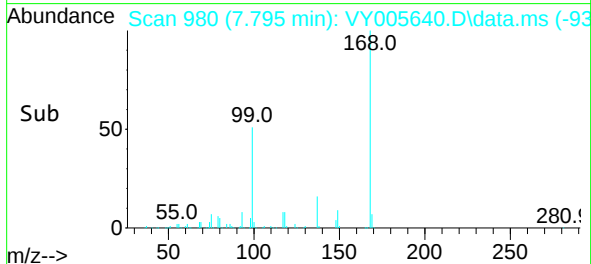
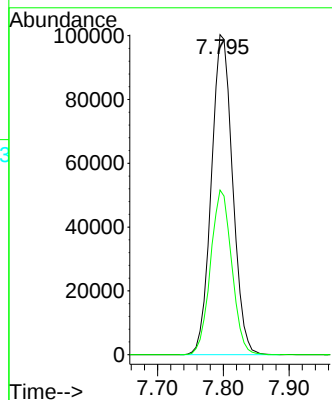
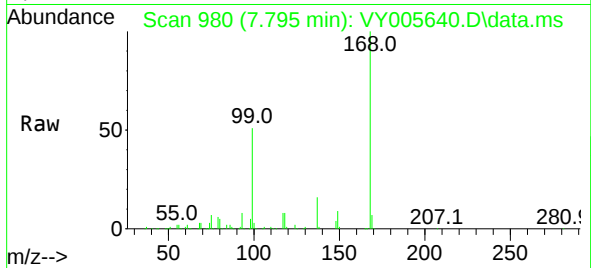




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

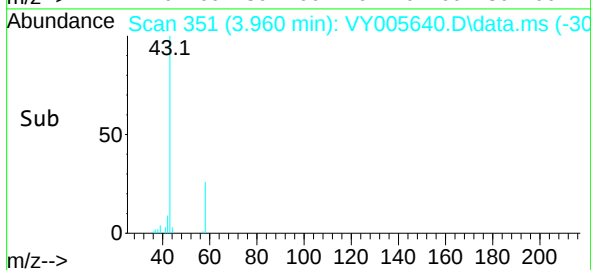
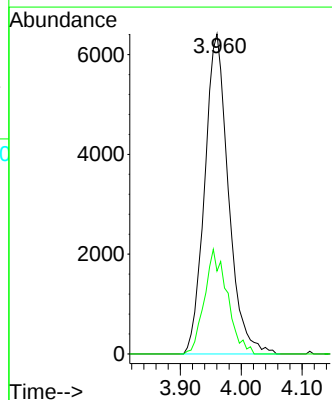
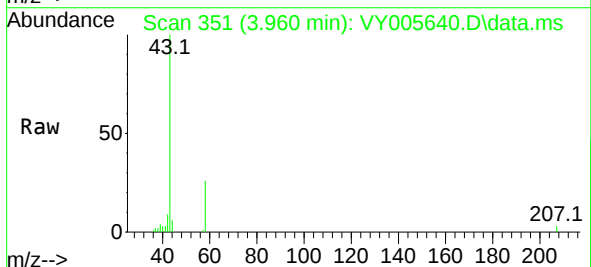
Instrument :
MSVOA_Y
ClientSampled :
33S

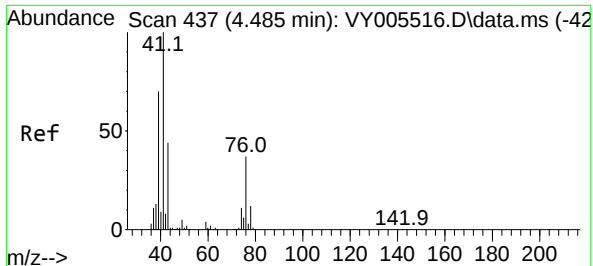
Tgt Ion:168 Resp: 225602
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#16
Acetone
Concen: 30.179 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion: 43 Resp: 17376
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.6





#18

Methyl Acetate

Concen: 1.895 ug/l

RT: 4.491 min Scan# 438

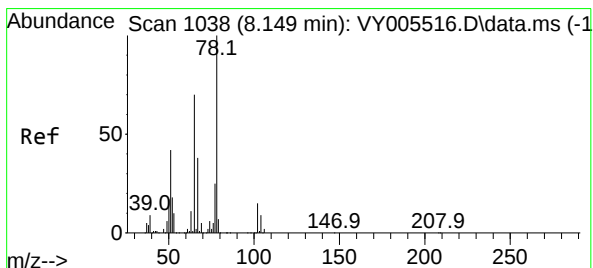
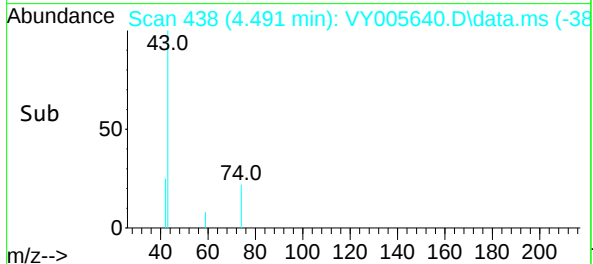
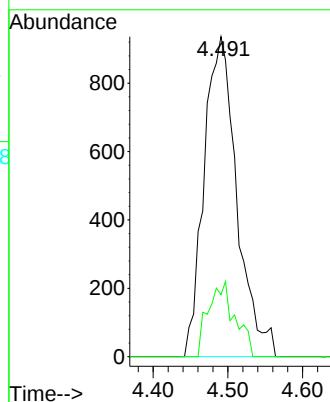
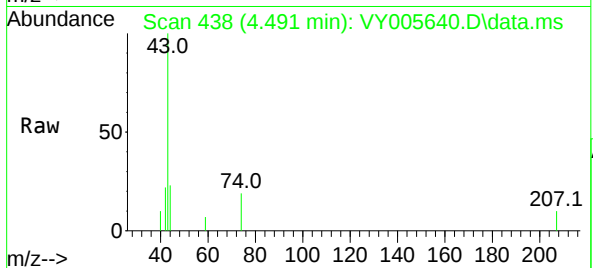
Delta R.T. 0.006 min

Lab File: VY005640.D

Acq: 13 Aug 2021 17:38

Instrument :
MSVOA_Y
ClientSampled :
33S

Tgt Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
74 19.1 19.0 28.6



#33

1,2-Dichloroethane-d4

Concen: 63.928 ug/l

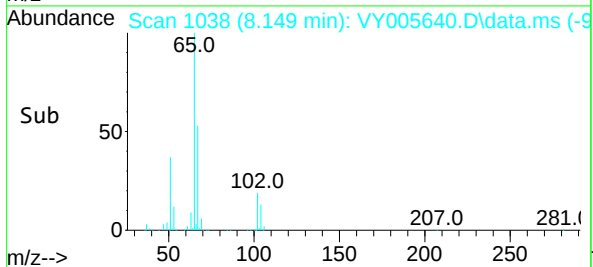
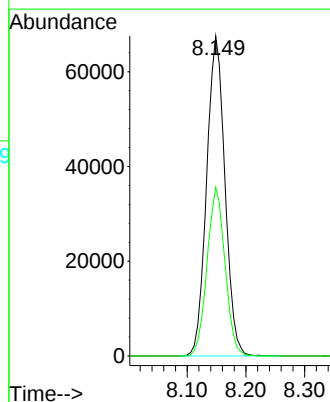
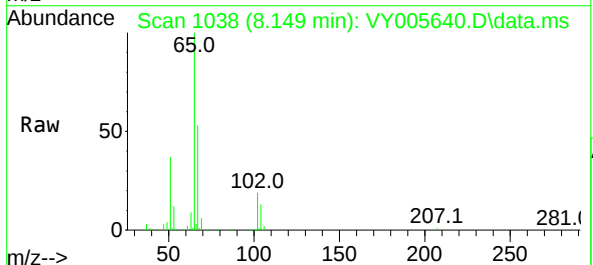
RT: 8.149 min Scan# 1038

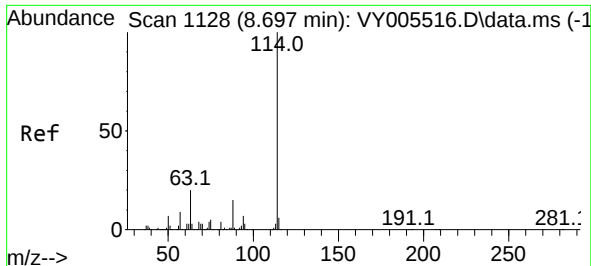
Delta R.T. -0.000 min

Lab File: VY005640.D

Acq: 13 Aug 2021 17:38

Tgt Ion: 65 Resp: 145989
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

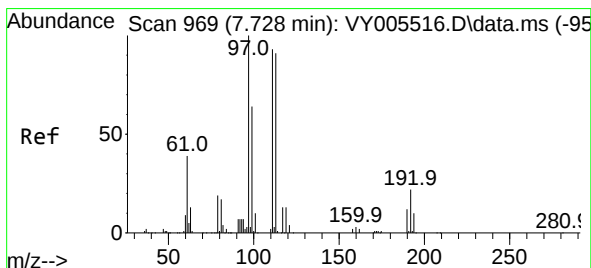
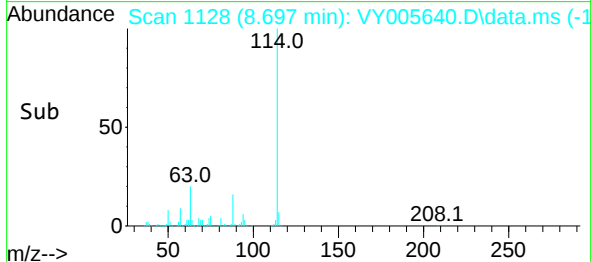
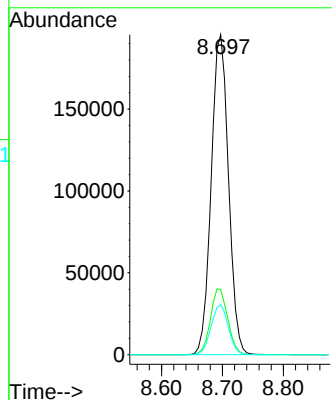
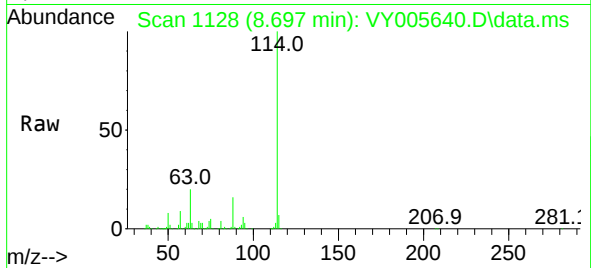




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

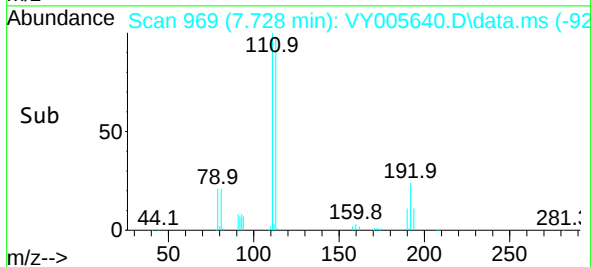
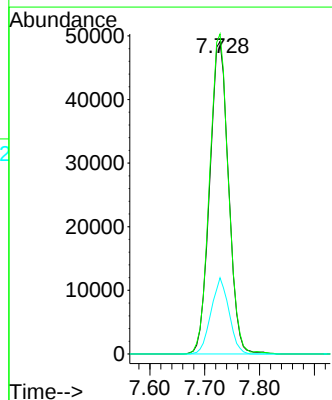
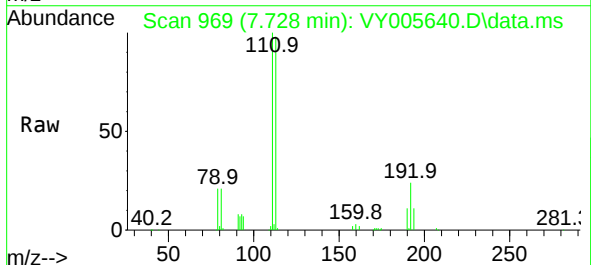
Instrument :
MSVOA_Y
ClientSampleId :
33S

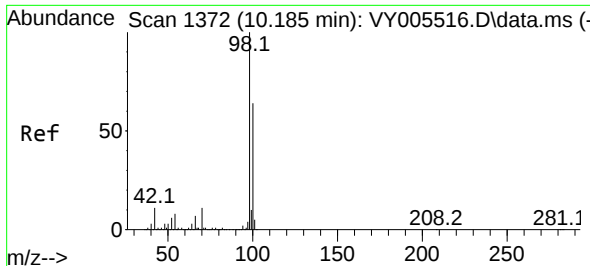
Tgt Ion:114 Resp: 384450
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.374 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion:113 Resp: 117038
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 23.1 19.2 28.8

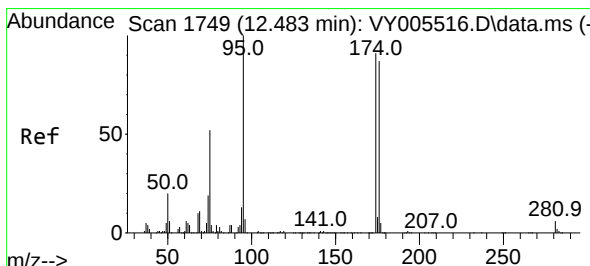
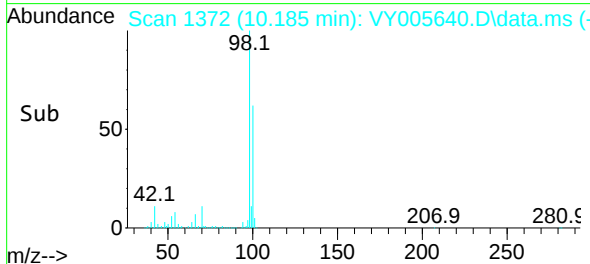
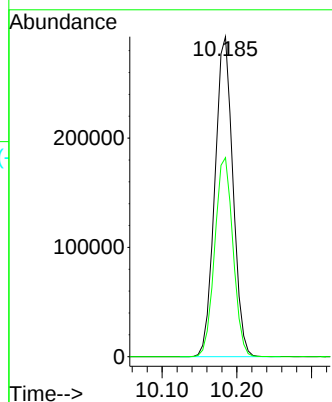
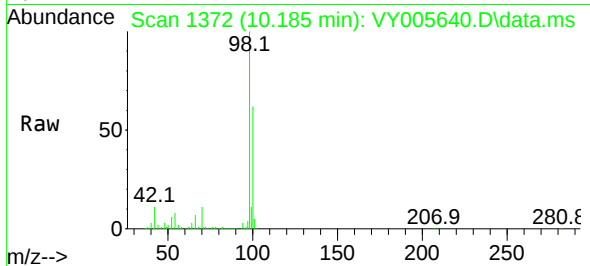




#50
Toluene-d8
Concen: 54.476 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

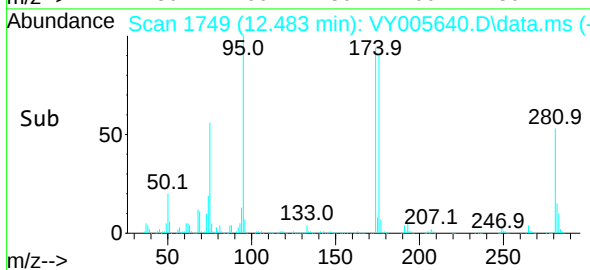
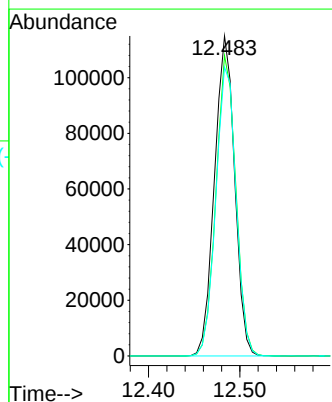
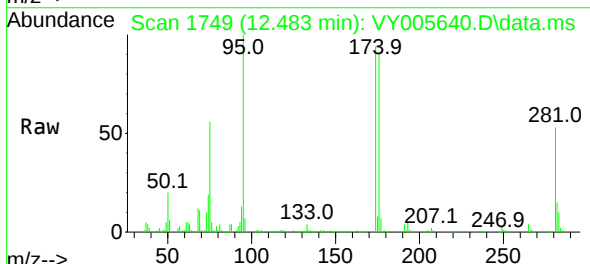
Instrument :
MSVOA_Y
ClientSampled :
33S

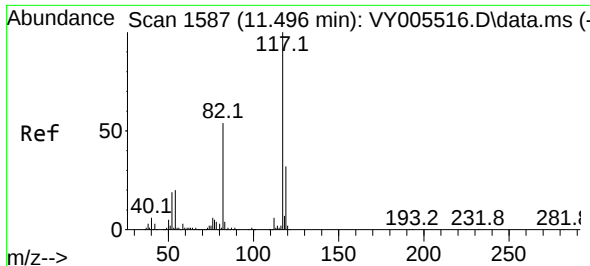
Tgt Ion: 98 Resp: 491764
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.885 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion: 95 Resp: 176027
Ion Ratio Lower Upper
95 100
174 92.9 0.0 191.4
176 90.9 0.0 183.6

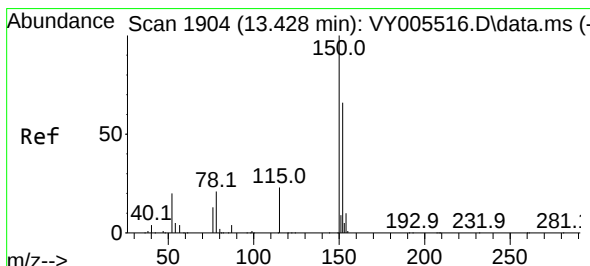
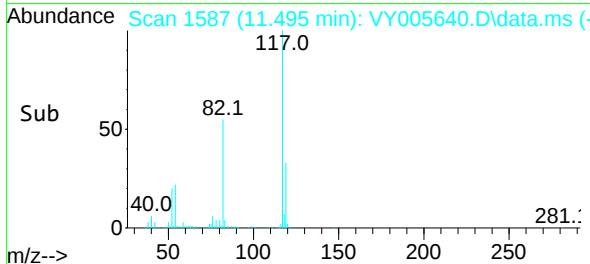
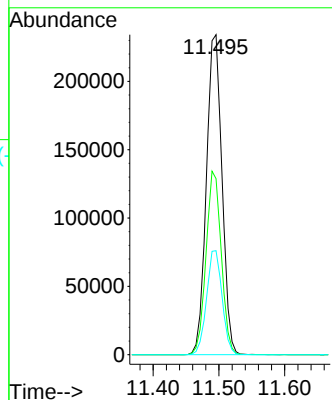
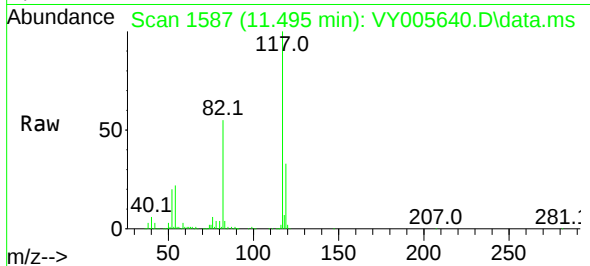




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005640.D
Acq: 13 Aug 2021 17:38

Instrument :
MSVOA_Y
ClientSampled :
33S

Tgt Ion:117 Resp: 386200
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 32.5 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: VY005640.D
Acq: 13 Aug 2021 17:38

Tgt Ion:152 Resp: 196352
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 157.3 0.0 350.2

