

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043691.D
 Acq On : 12 May 2021 20:29
 Operator : SY/MD
 Sample : M2364-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 AST2-COPR4-1-6

Quant Time: May 13 01:37:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

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

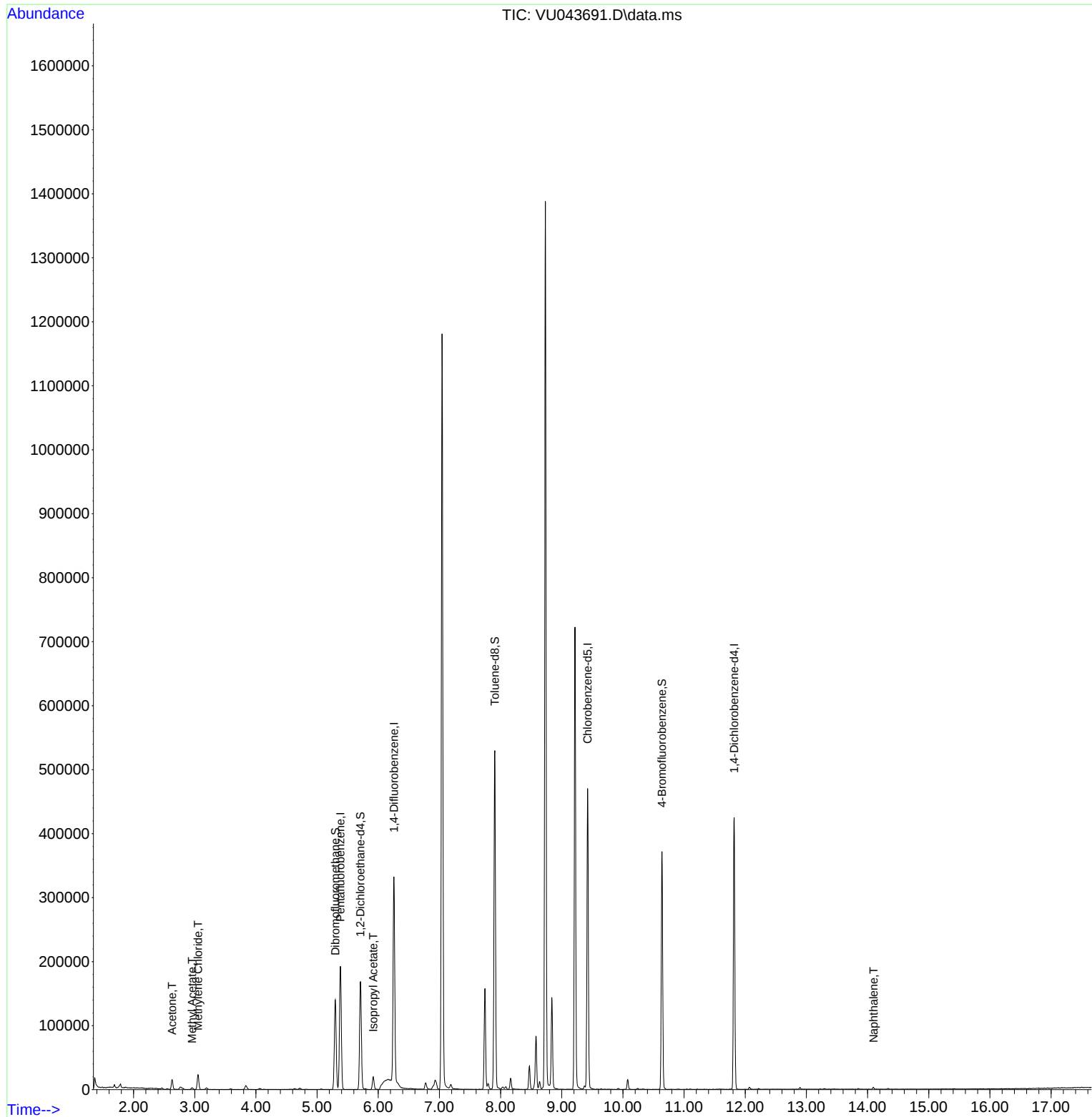
Internal Standards						
1) Pentafluorobenzene	5.382	168	123503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	231577	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	227561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	99589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	128250	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	5.298	113	87577	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
50) Toluene-d8	7.906	98	324004	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	10.639	95	114639	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds					Qvalue	
16) Acetone	2.629	43	17770	12.81	ug/l	98
18) Methyl Acetate	2.954	43	3756	1.18	ug/l	98
20) Methylene Chloride	3.054	84	9677	4.96	ug/l	98
43) Isopropyl Acetate	5.919	43	21587	3.31	ug/l	97
95) Naphthalene	14.098	128	2772	1.84	ug/l #	90

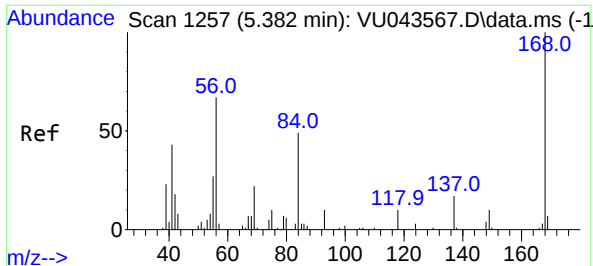
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
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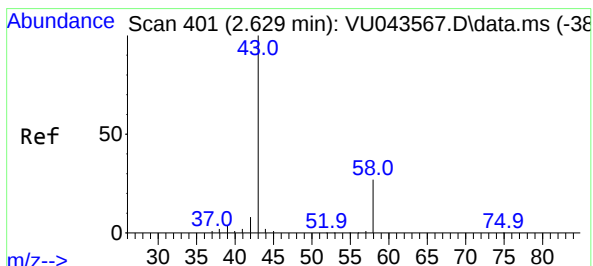
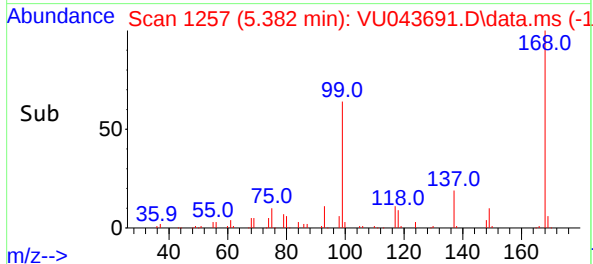
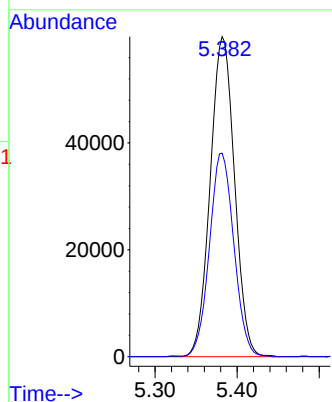
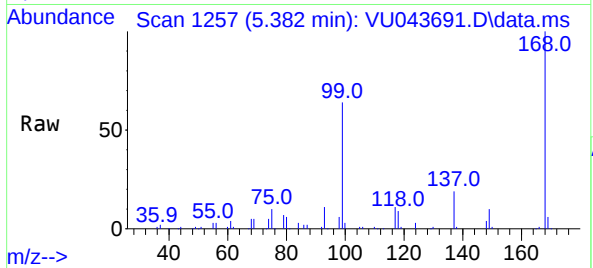




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

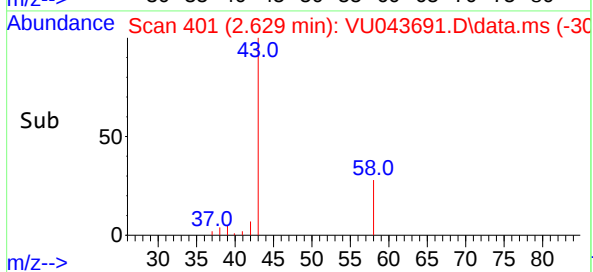
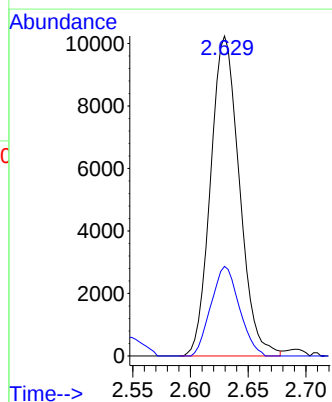
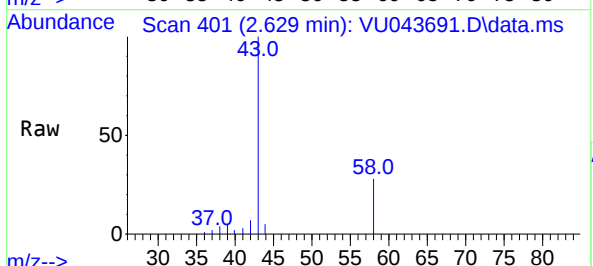
Instrument :
MSVOA_U
ClientSampleId :
AST2-COPR4-1-6

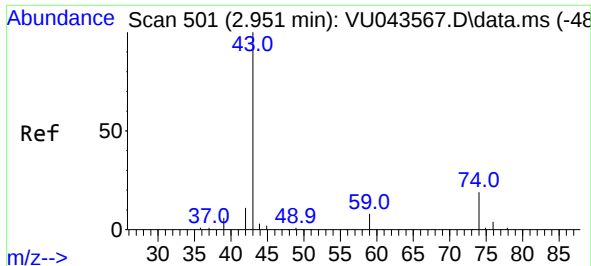
Tgt Ion:168 Resp: 123503
Ion Ratio Lower Upper
168 100
99 63.6 49.0 73.6



#16
Acetone
Concen: 12.81 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

Tgt Ion: 43 Resp: 17770
Ion Ratio Lower Upper
43 100
58 28.0 21.7 32.5

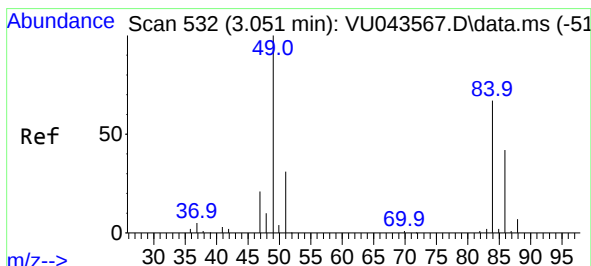
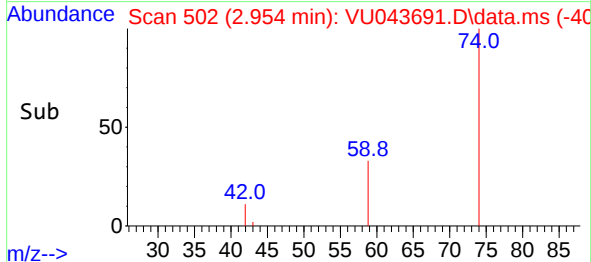
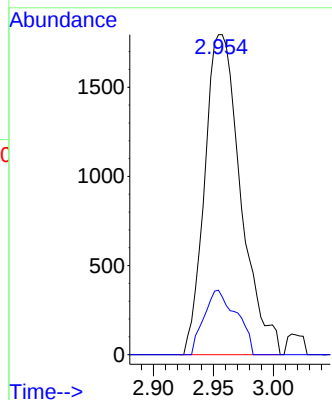
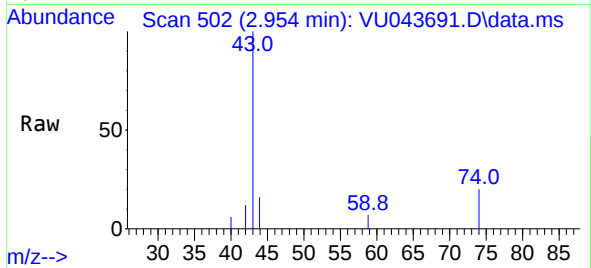




#18
Methyl Acetate
Concen: 1.18 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

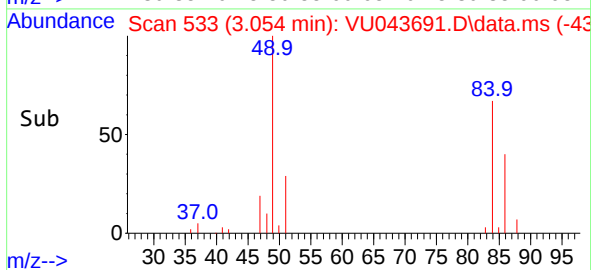
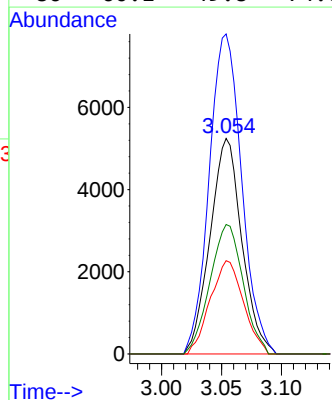
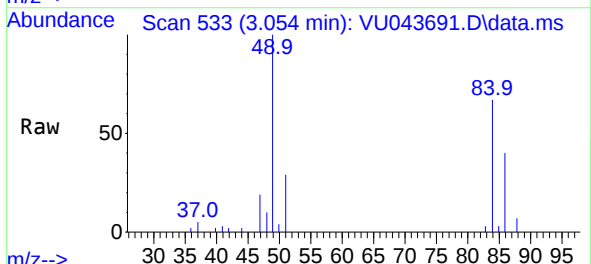
Instrument :
MSVOA_U
ClientSampleId :
AST2-COPR4-1-6

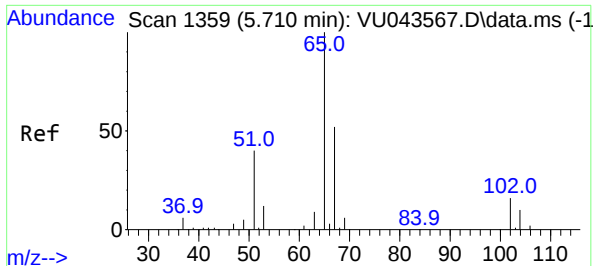
Tgt Ion: 43 Resp: 3756
Ion Ratio Lower Upper
43 100
74 18.2 15.3 22.9



#20
Methylene Chloride
Concen: 4.96 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

Tgt Ion: 84 Resp: 9677
Ion Ratio Lower Upper
84 100
49 148.4 119.0 178.4
51 43.3 36.8 55.2
86 60.1 49.8 74.6

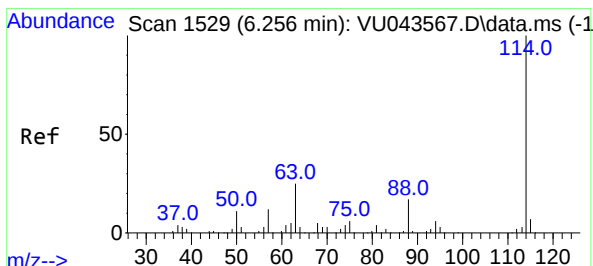
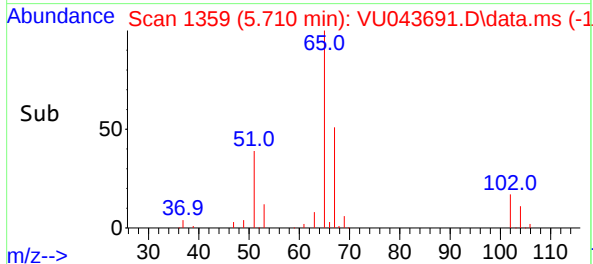
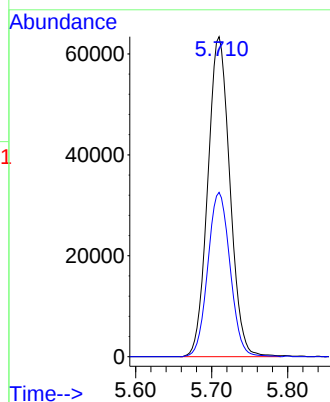
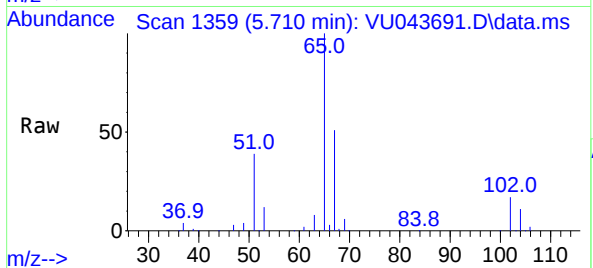




#33
1,2-Dichloroethane-d4
Concen: 50.21 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

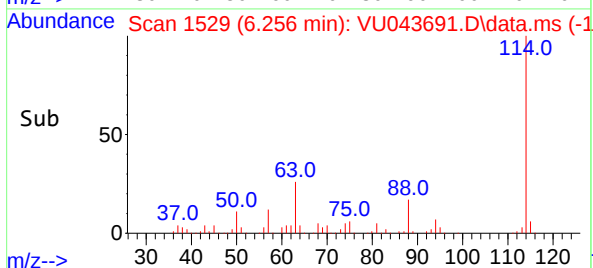
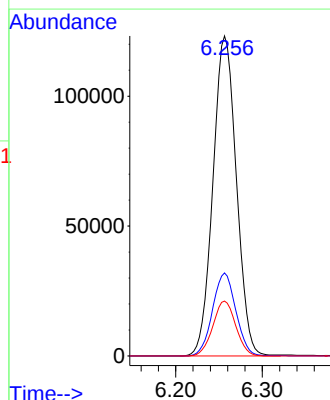
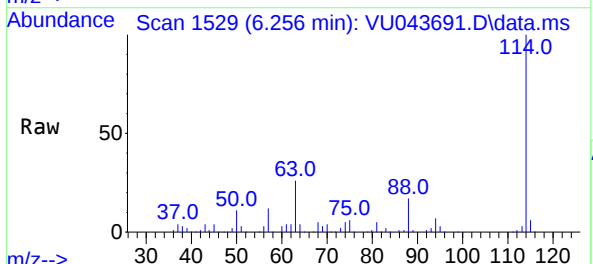
Instrument :
MSVOA_U
ClientSampleId :
AST2-COPR4-1-6

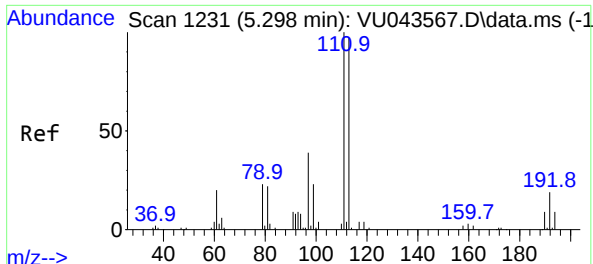
Tgt Ion: 65 Resp: 128250
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

Tgt Ion: 114 Resp: 231577
Ion Ratio Lower Upper
114 100
63 25.9 0.0 50.2
88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 45.82 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043691.D

Acq: 12 May 2021 20:29

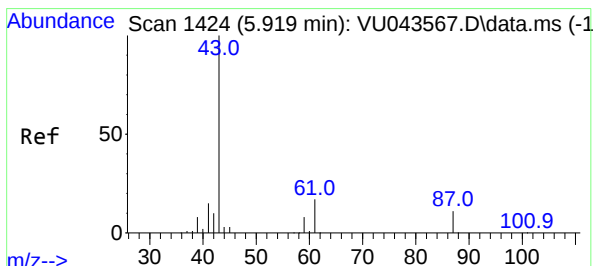
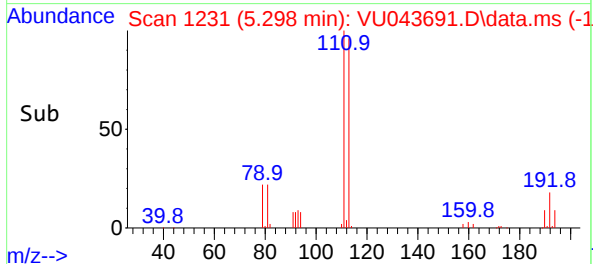
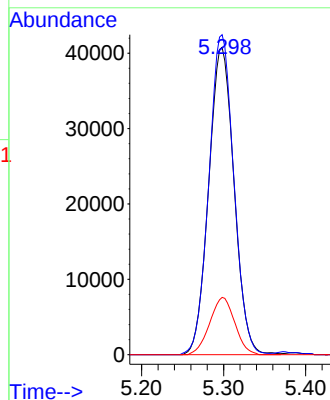
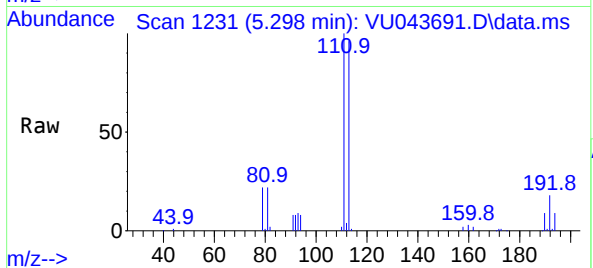
Tgt Ion:113 Resp: 87577

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 18.5 15.8 23.6



#43

Isopropyl Acetate

Concen: 3.31 ug/l

RT: 5.919 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VU043691.D

Acq: 12 May 2021 20:29

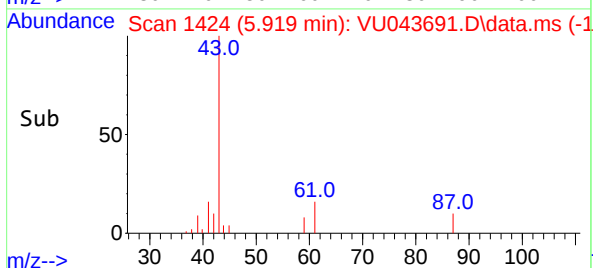
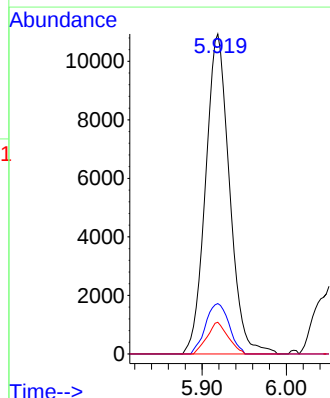
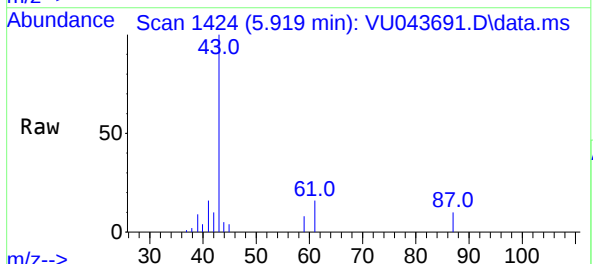
Tgt Ion: 43 Resp: 21587

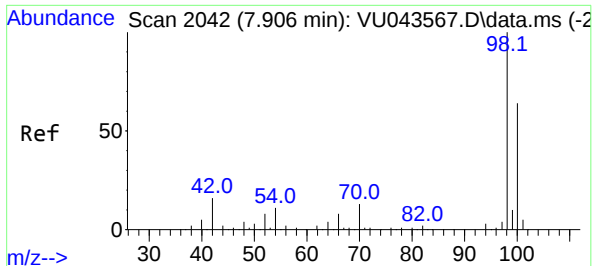
Ion Ratio Lower Upper

43 100

61 15.5 13.4 20.2

87 8.7 8.0 12.0

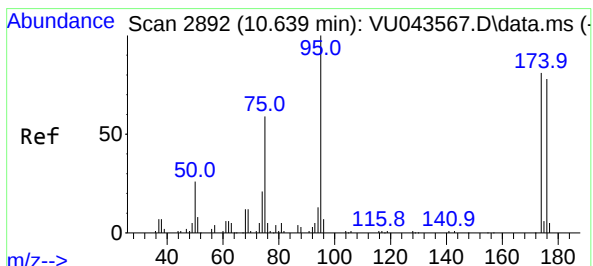
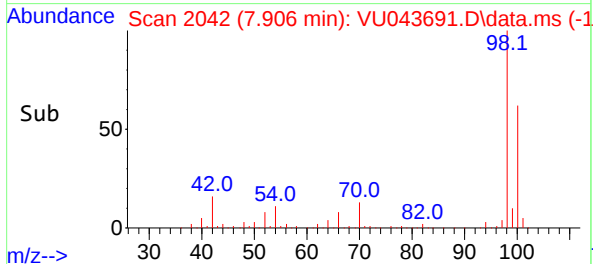
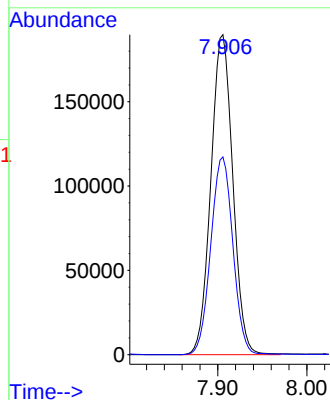
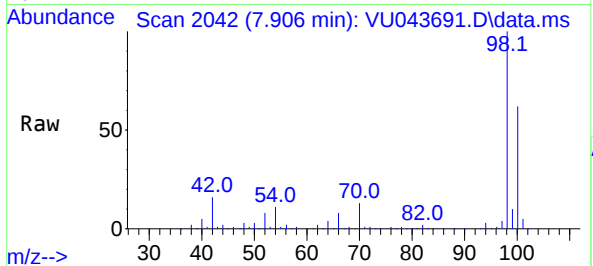




#50
Toluene-d8
Concen: 50.38 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

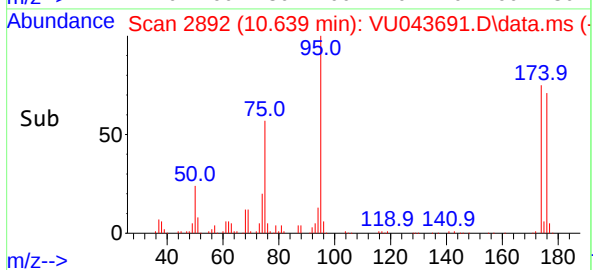
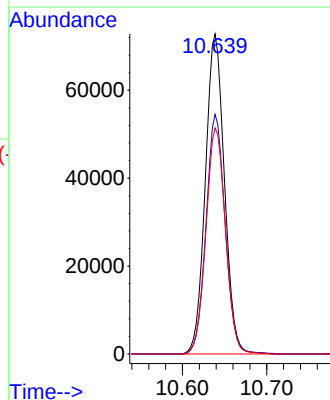
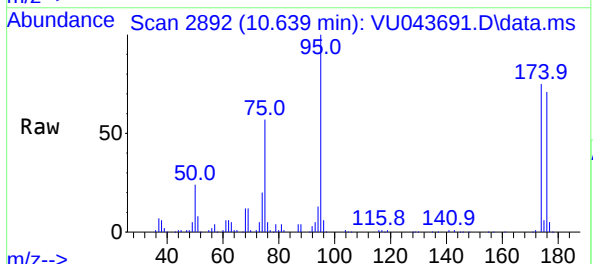
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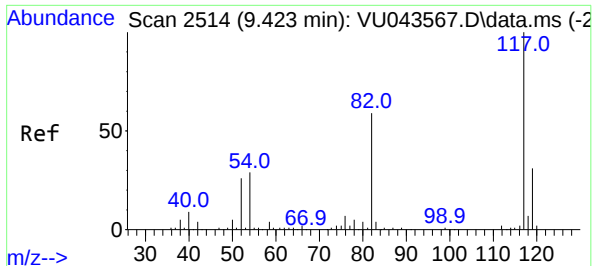
Tgt Ion: 98 Resp: 324004
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.75 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

Tgt Ion: 95 Resp: 114639
Ion Ratio Lower Upper
95 100
174 75.2 0.0 158.8
176 72.1 0.0 155.6

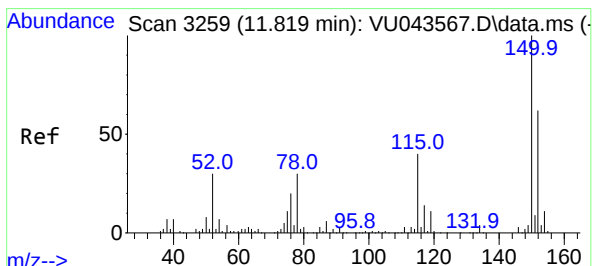
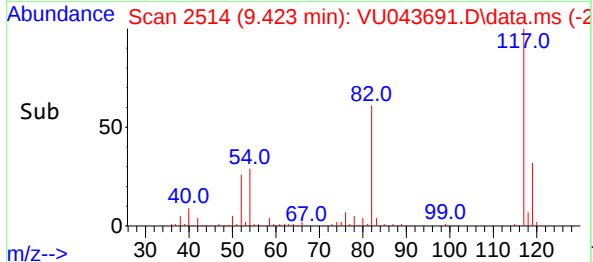
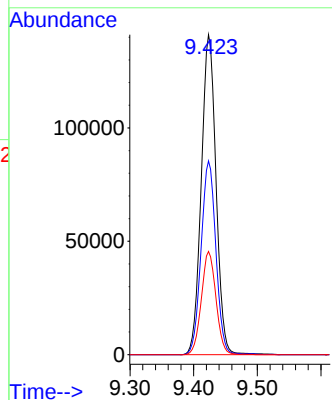
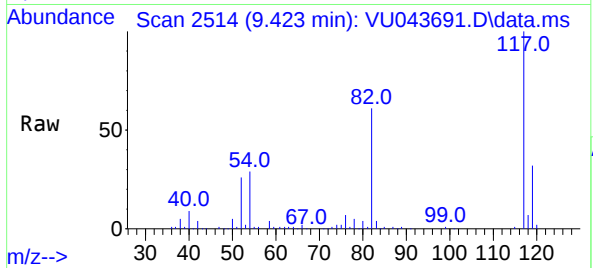




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

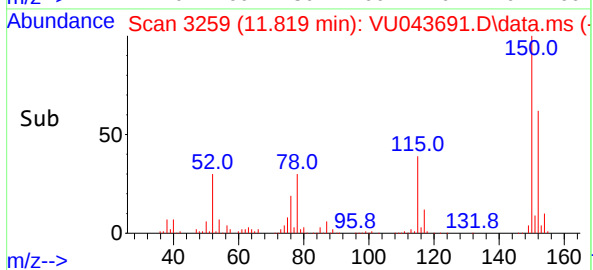
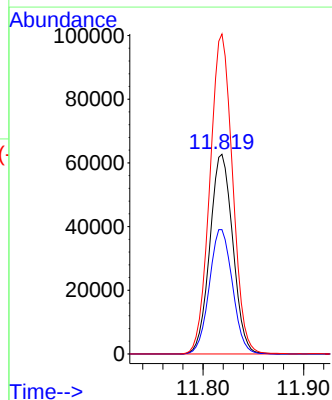
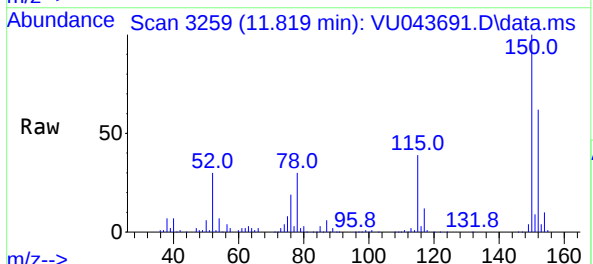
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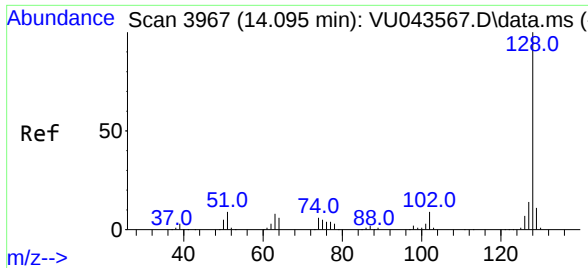
Tgt Ion:117 Resp: 227561
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 32.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

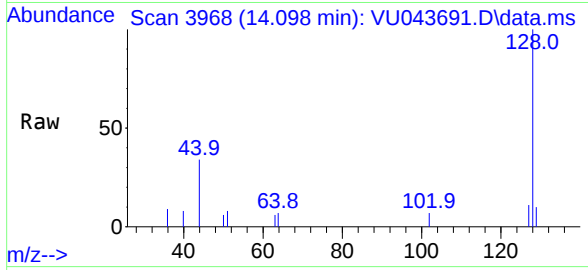
Tgt Ion:152 Resp: 99589
Ion Ratio Lower Upper
152 100
115 62.7 46.1 138.3
150 158.3 0.0 361.0





#95
Naphthalene
Concen: 1.84 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043691.D
Acq: 12 May 2021 20:29

Instrument :
MSVOA_U
ClientSampleId :
AST2-COPR4-1-6



Tgt Ion:	128	Resp:	2772
Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.7	16.1#
129	7.5	8.6	12.8#

