

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044944.D
 Acq On : 28 Sep 2021 16:20
 Operator : SY/MD
 Sample : M3953-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P287-DITCH

Quant Time: Sep 28 17:18:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

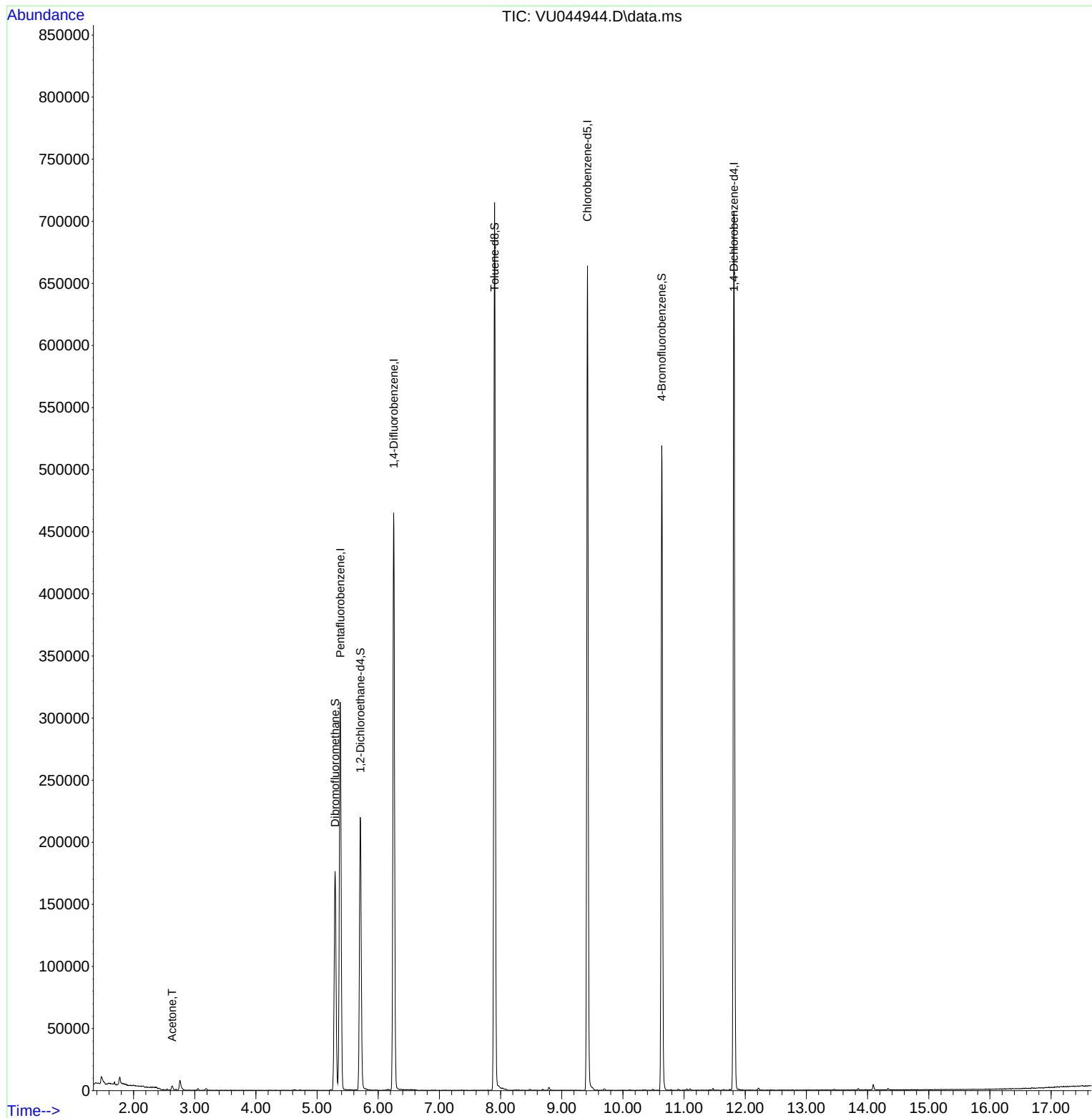
Internal Standards						
1) Pentafluorobenzene	5.379	168	203413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	363008	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	347710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	173672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	165158	48.776	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.560%
35) Dibromofluoromethane	5.295	113	113121	49.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	7.903	98	460101	50.851	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.700%
62) 4-Bromofluorobenzene	10.636	95	172359	46.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%
Target Compounds						
16) Acetone	2.629	43	4384	2.181	ug/l	Qvalue 100

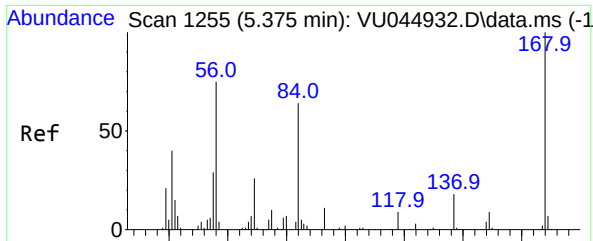
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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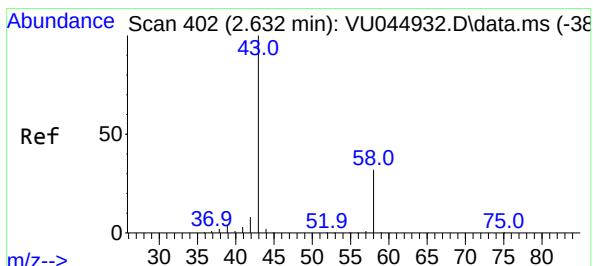
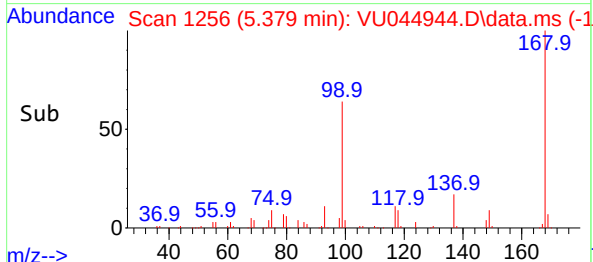
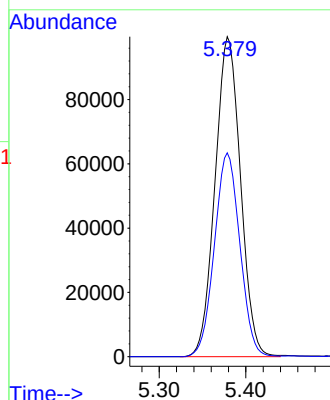
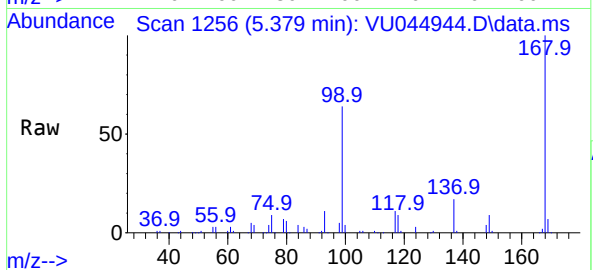




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

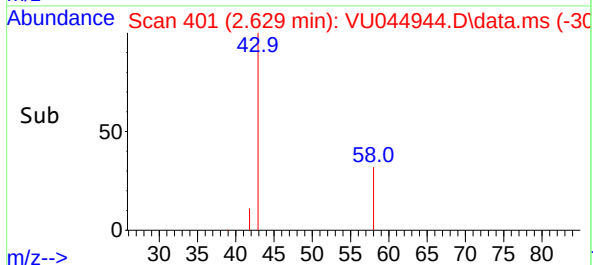
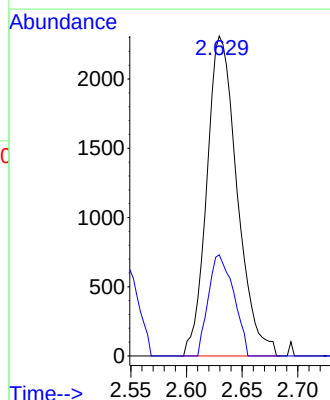
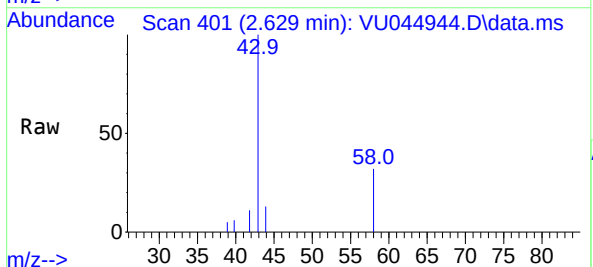
Instrument :
MSVOA_U
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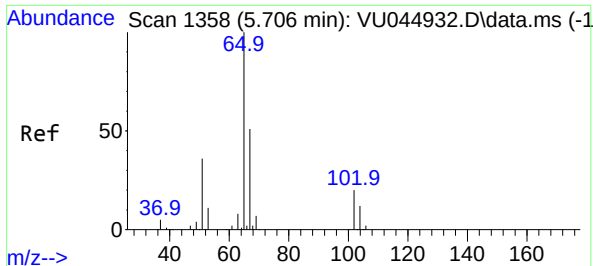
Tgt Ion:168 Resp: 203413
Ion Ratio Lower Upper
168 100
99 63.7 51.4 77.0



#16
Acetone
Concen: 2.181 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Tgt Ion: 43 Resp: 4384
Ion Ratio Lower Upper
43 100
58 31.6 25.2 37.8

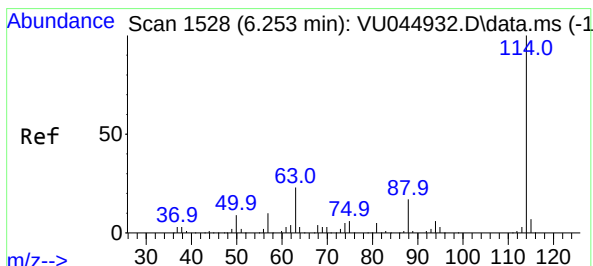
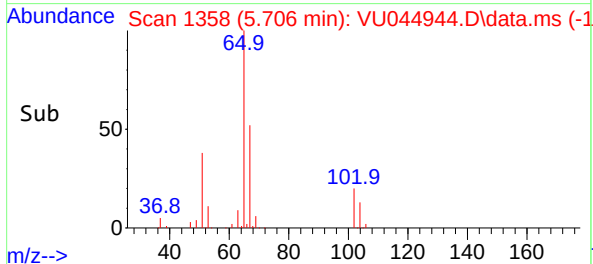
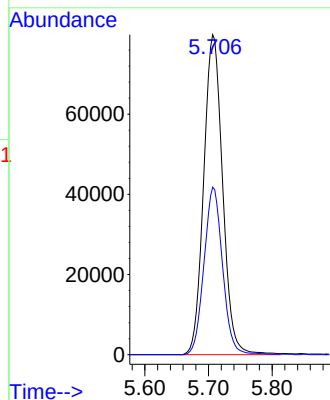
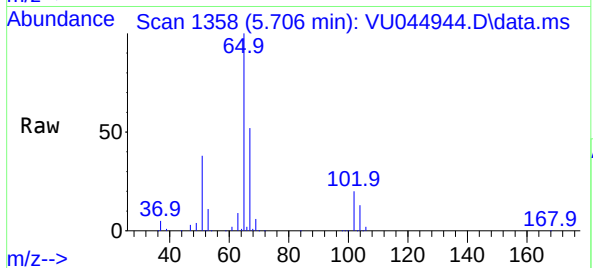




#33
1,2-Dichloroethane-d4
Concen: 48.776 ug/l
RT: 5.706 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

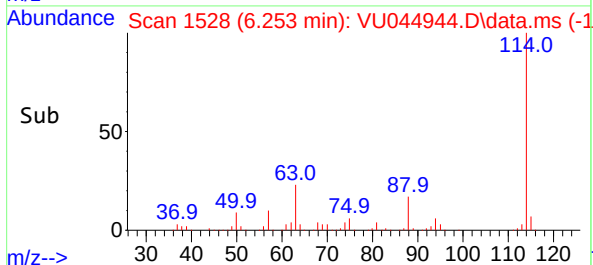
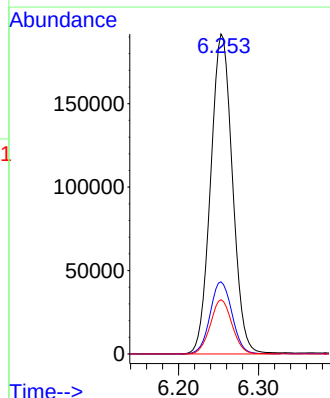
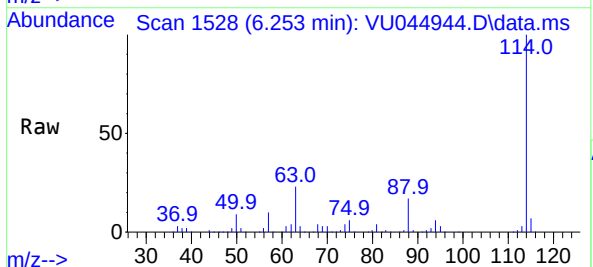
Instrument :
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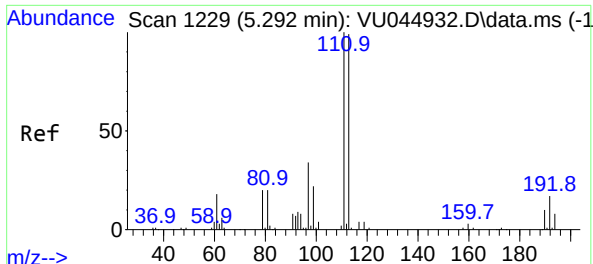
Tgt Ion: 65 Resp: 165158
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Tgt Ion: 114 Resp: 363008
Ion Ratio Lower Upper
114 100
63 22.6 0.0 47.8
88 16.9 0.0 32.8

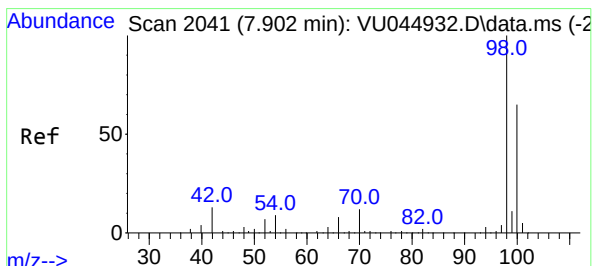
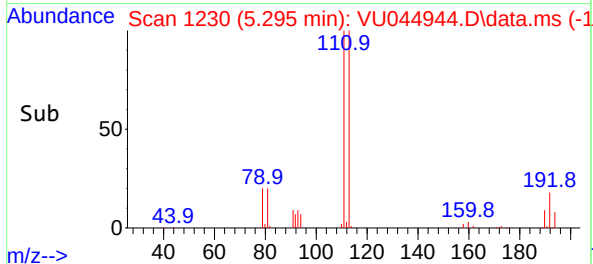
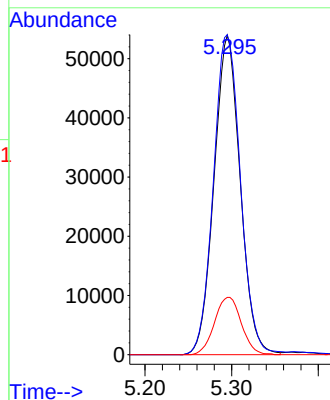
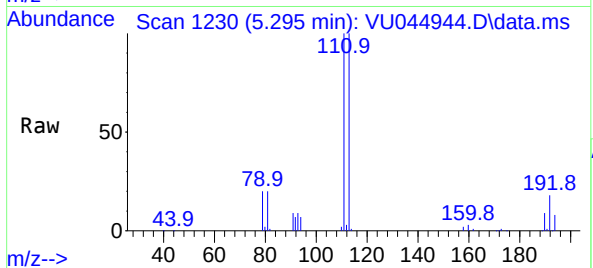




#35
Dibromofluoromethane
Concen: 49.398 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

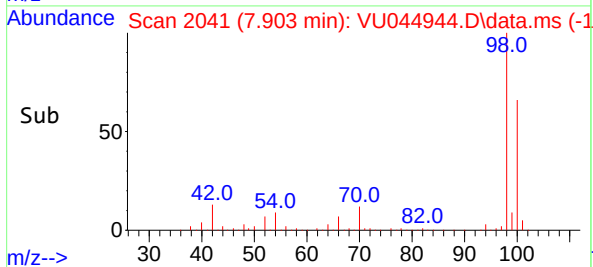
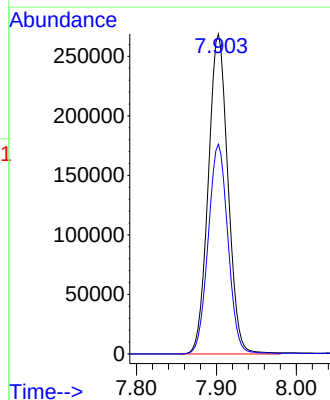
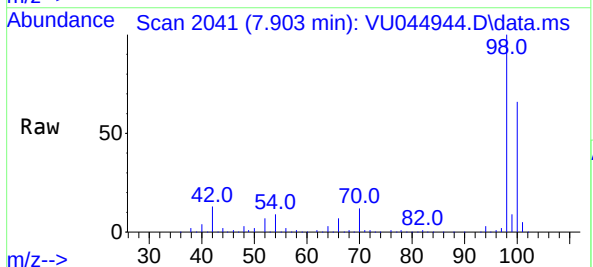
Instrument :
MSVOA_U
ClientSampleId :
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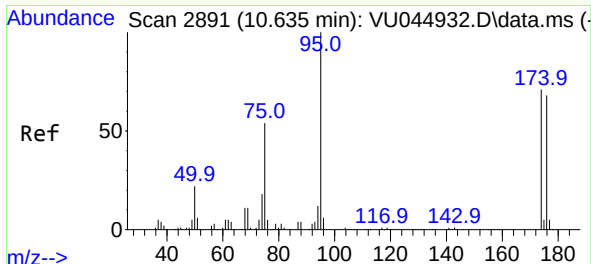
Tgt Ion:113 Resp: 113121
Ion Ratio Lower Upper
113 100
111 103.6 84.1 126.1
192 18.5 14.8 22.2



#50
Toluene-d8
Concen: 50.851 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Tgt Ion: 98 Resp: 460101
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

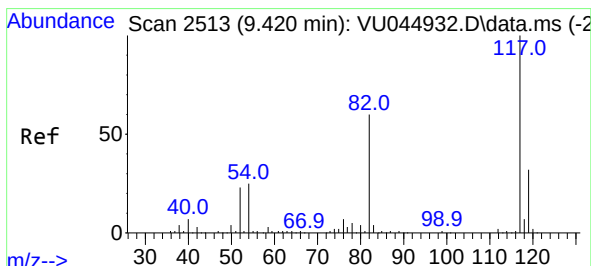
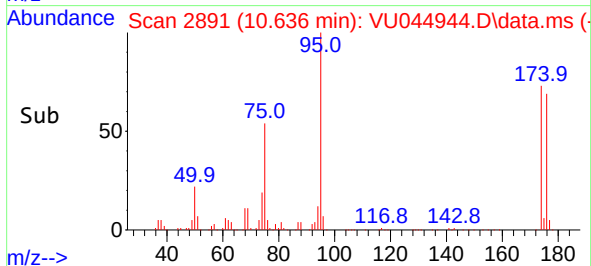
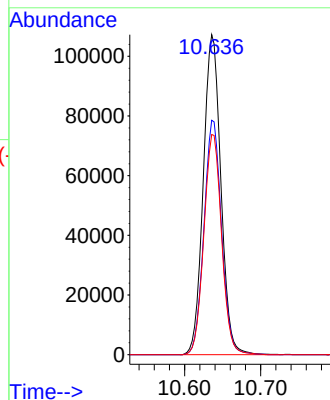
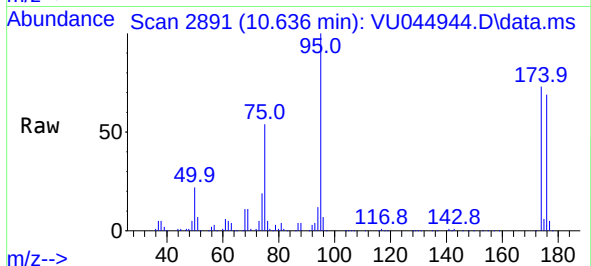




#62
4-Bromofluorobenzene
Concen: 46.140 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

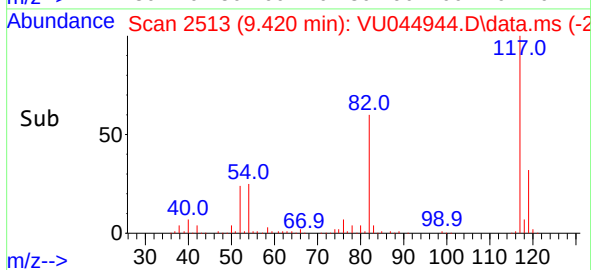
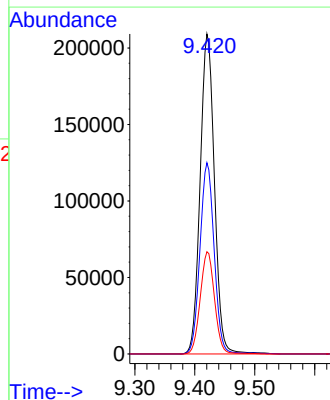
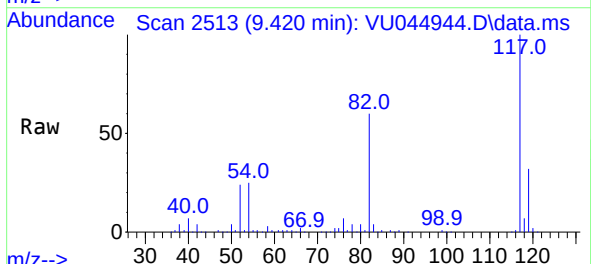
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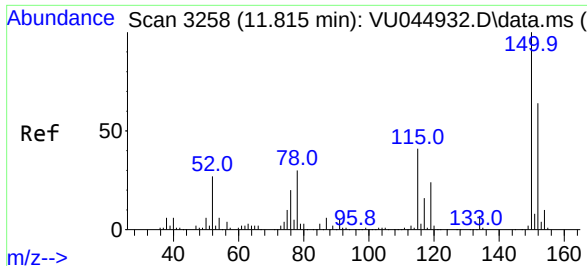
Tgt Ion: 95 Resp: 172359
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 69.3 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Tgt Ion: 117 Resp: 347710
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU044944.D

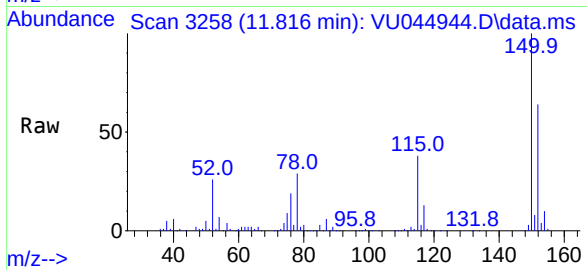
Acq: 28 Sep 2021 16:20

Instrument :

MSVOA_U

ClientSampleId :

P287-DITCH



Tgt Ion:152 Resp: 173672

Ion Ratio Lower Upper

152 100

115 60.6 43.5 130.7

150 156.4 0.0 350.0

