

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041621\  
 Data File : VU043172.D  
 Acq On : 16 Apr 2021 16:37  
 Operator : SY/MD  
 Sample : M2042-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TB-41412

Quant Time: Apr 17 02:33:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

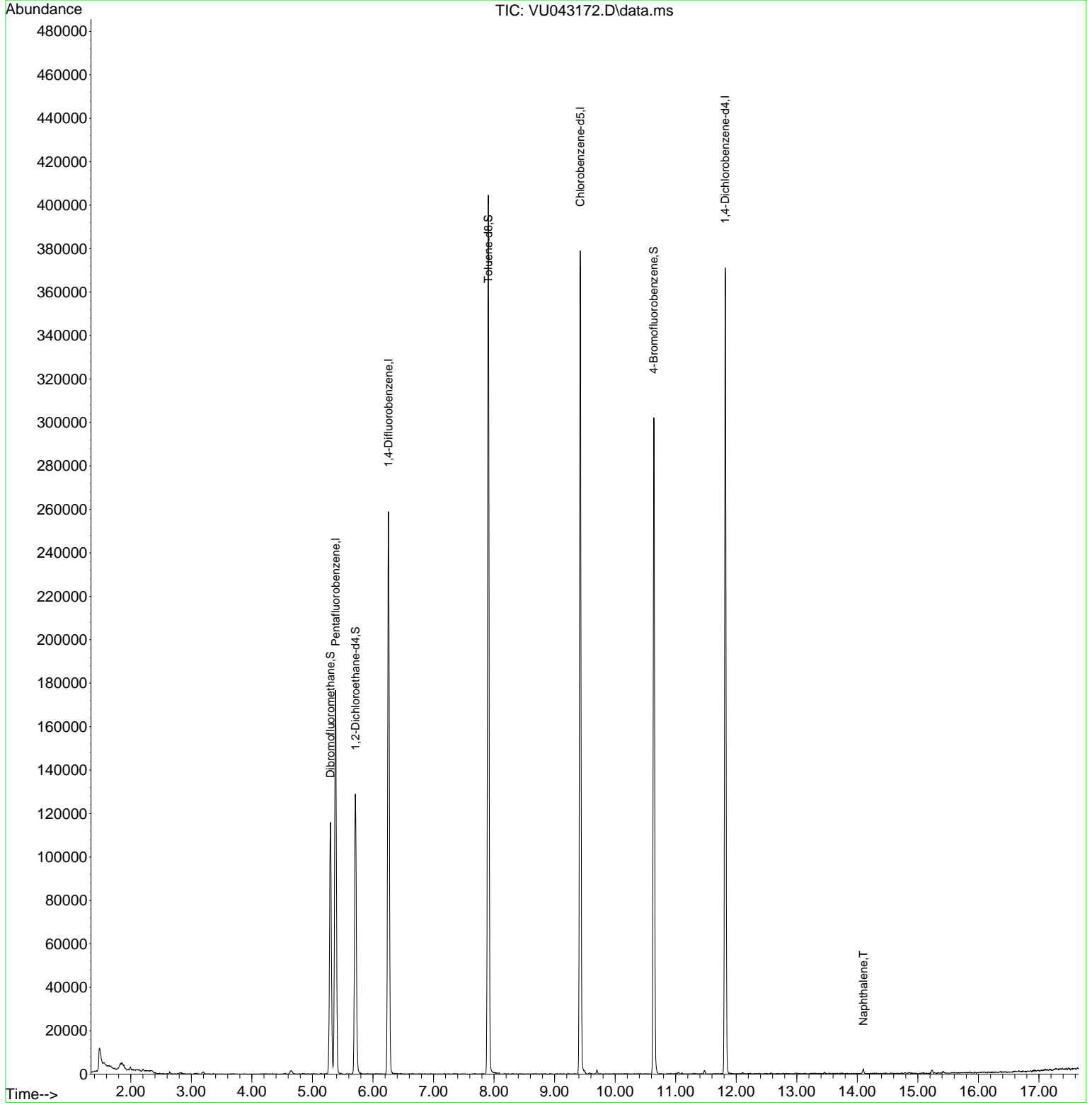
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	5.382	168	119684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	196897	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	189045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100225	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	5.298	113	70097	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	7.906	98	247500	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	10.639	95	89381	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	
Target Compounds						
95) Naphthalene	14.102	128	2200	3.06	ug/l #	Qvalue 90
-----						

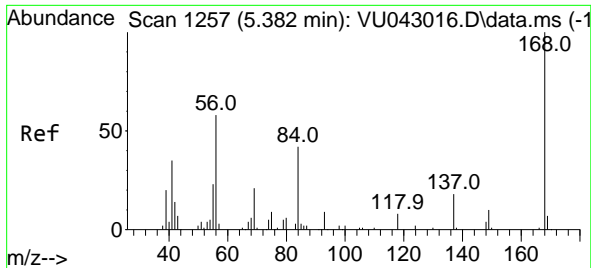
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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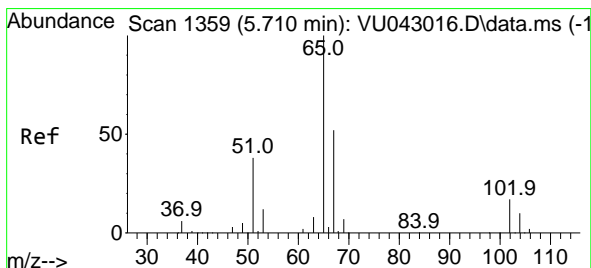
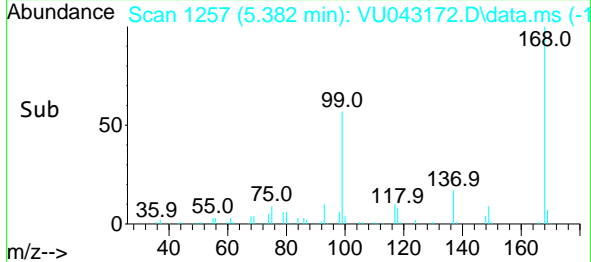
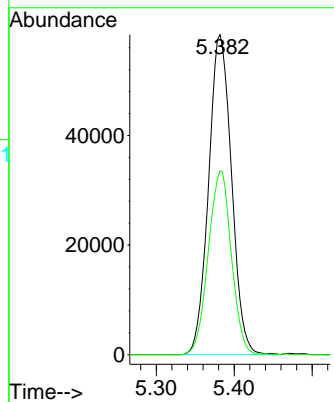
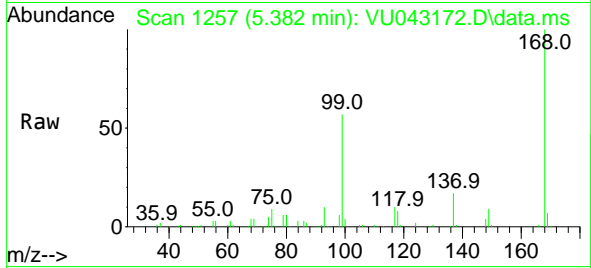




#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.382 min Scan# 1257  
 Delta R.T. -0.000 min  
 Lab File: VU043172.D  
 Acq: 16 Apr 2021 16:37

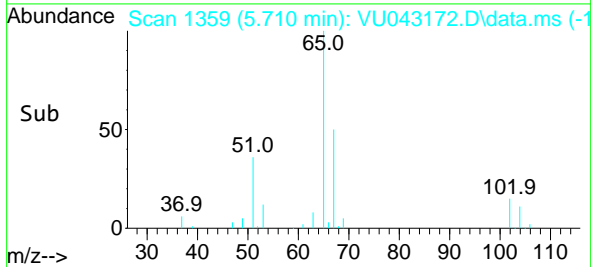
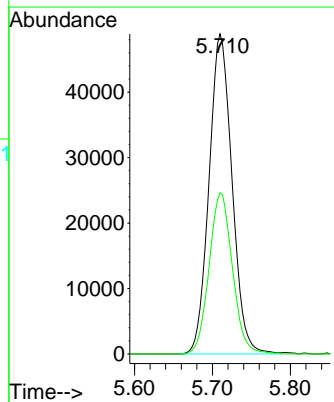
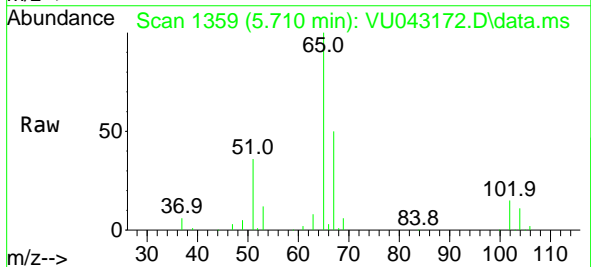
Instrument :  
 MSVOA\_U  
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 TB-41412

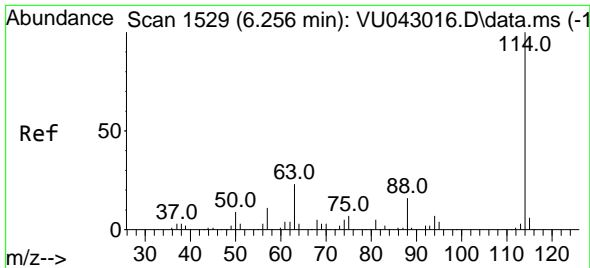
Tgt Ion:168 Resp: 119684  
 Ion Ratio Lower Upper  
 168 100  
 99 57.5 45.0 67.4



#33  
 1,2-Dichloroethane-d4  
 Concen: 49.81 ug/l  
 RT: 5.710 min Scan# 1359  
 Delta R.T. -0.000 min  
 Lab File: VU043172.D  
 Acq: 16 Apr 2021 16:37

Tgt Ion: 65 Resp: 100225  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 99.8

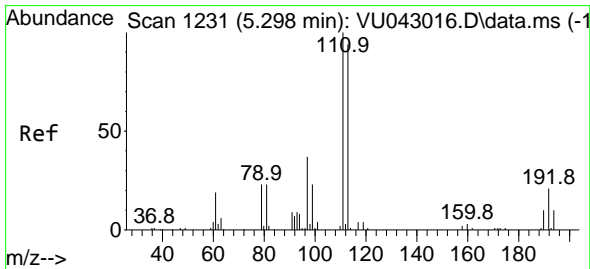
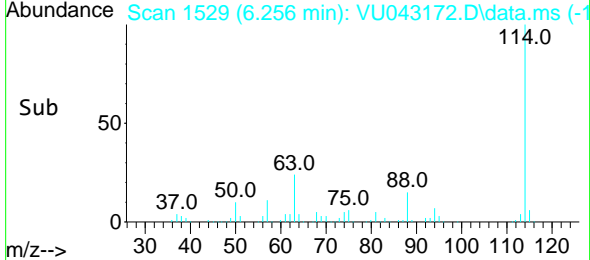
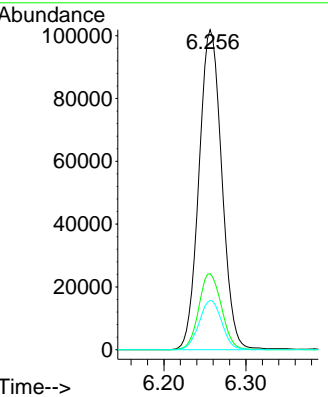
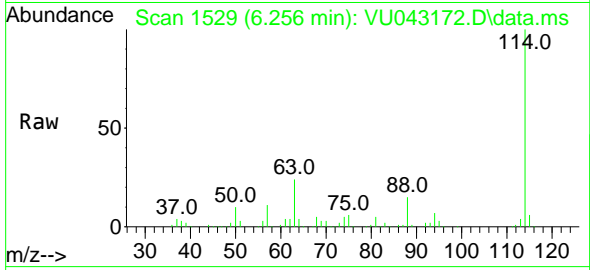




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.256 min Scan# 1529  
 Delta R.T. 0.000 min  
 Lab File: VU043172.D  
 Acq: 16 Apr 2021 16:37

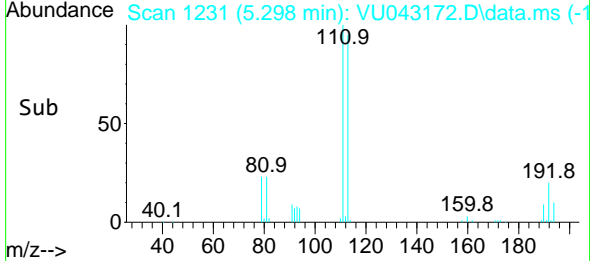
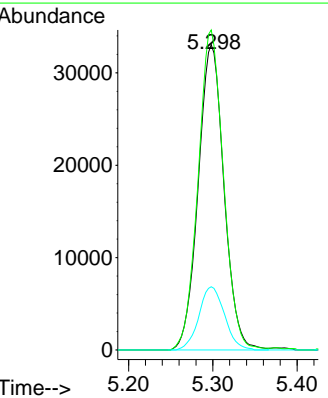
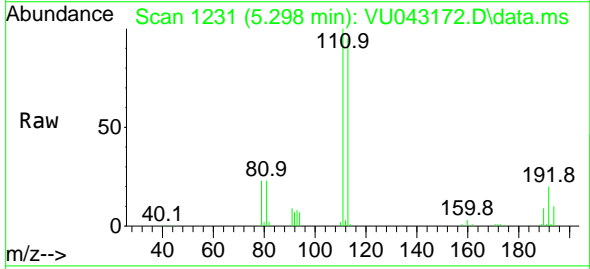
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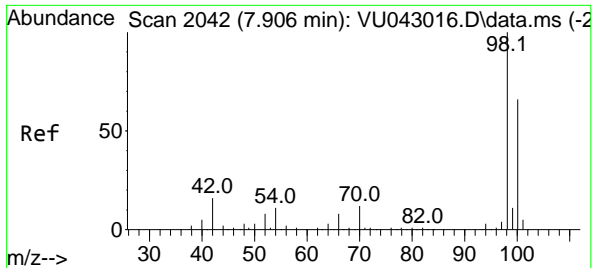
Tgt Ion	Resp	Lower	Upper
114	196897		
63	23.8	0.0	44.2
88	15.4	0.0	33.4



#35  
 Dibromofluoromethane  
 Concen: 47.38 ug/l  
 RT: 5.298 min Scan# 1231  
 Delta R.T. 0.000 min  
 Lab File: VU043172.D  
 Acq: 16 Apr 2021 16:37

Tgt Ion	Resp	Lower	Upper
113	70097		
113	100		
111	103.3	81.8	122.8
192	20.6	17.2	25.8

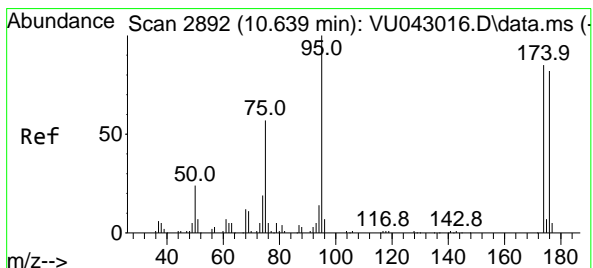
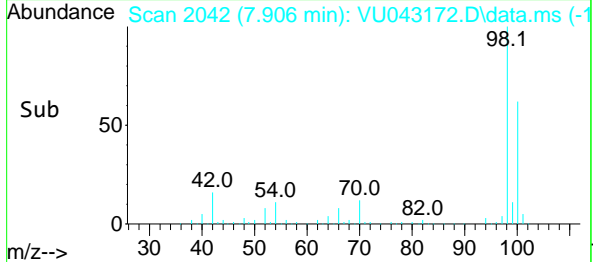
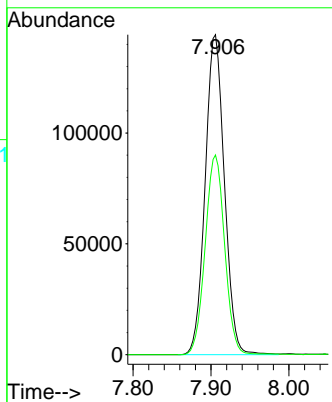
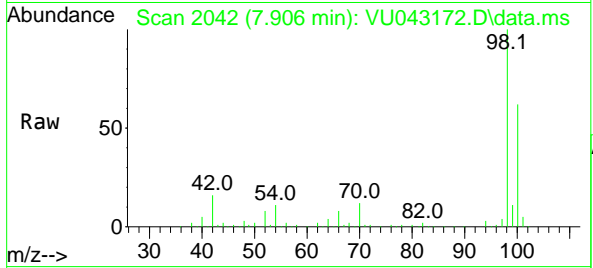




#50  
 Toluene-d8  
 Concen: 47.27 ug/l  
 RT: 7.906 min Scan# 2042  
 Delta R.T. -0.000 min  
 Lab File: VU043172.D  
 Acq: 16 Apr 2021 16:37

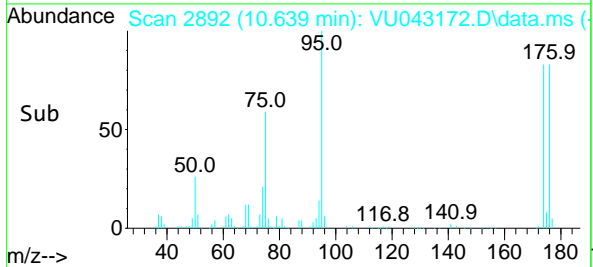
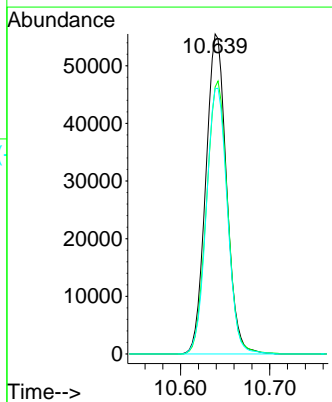
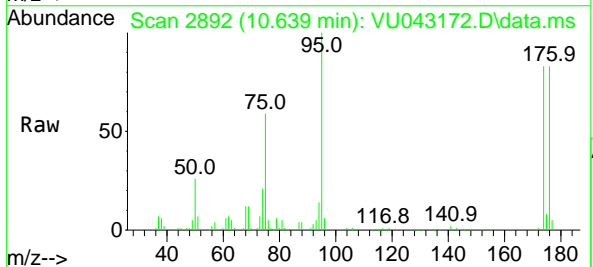
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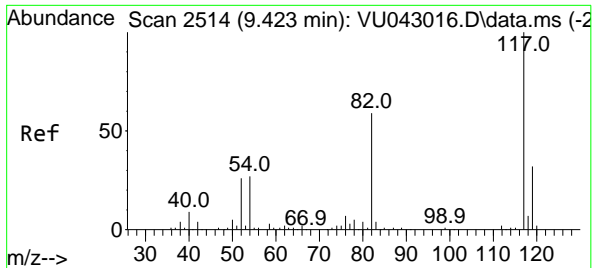
Tgt Ion: 98 Resp: 247500  
 Ion Ratio Lower Upper  
 98 100  
 100 63.4 50.2 75.2



#62  
 4-Bromofluorobenzene  
 Concen: 42.63 ug/l  
 RT: 10.639 min Scan# 2892  
 Delta R.T. -0.000 min  
 Lab File: VU043172.D  
 Acq: 16 Apr 2021 16:37

Tgt Ion: 95 Resp: 89381  
 Ion Ratio Lower Upper  
 95 100  
 174 86.6 0.0 172.2  
 176 84.2 0.0 168.8

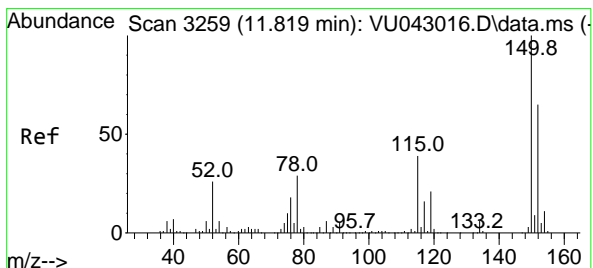
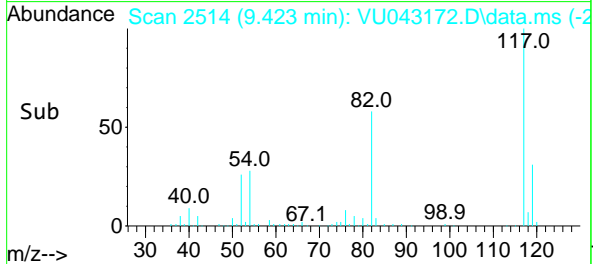
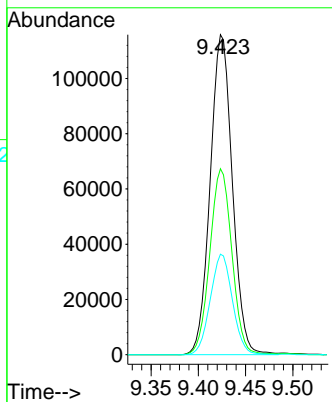
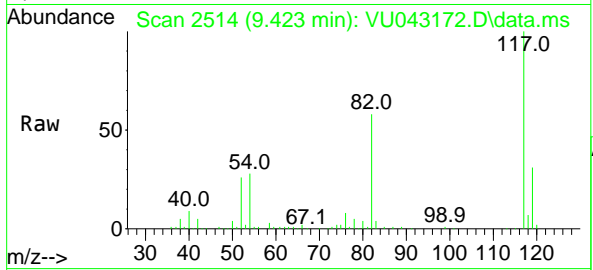




#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 9.423 min Scan# 2514  
 Delta R.T. 0.000 min  
 Lab File: VU043172.D  
 Acq: 16 Apr 2021 16:37

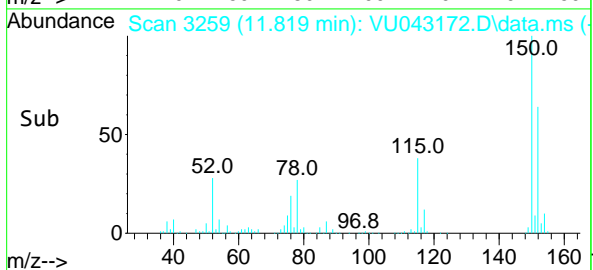
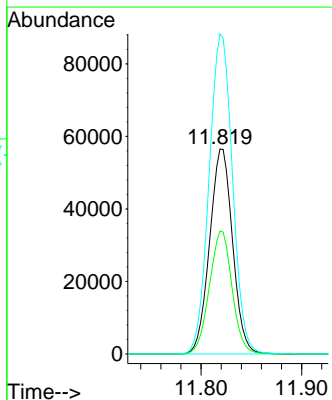
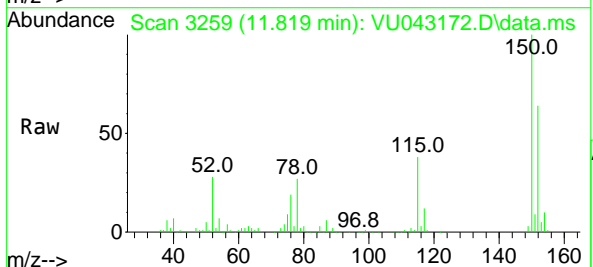
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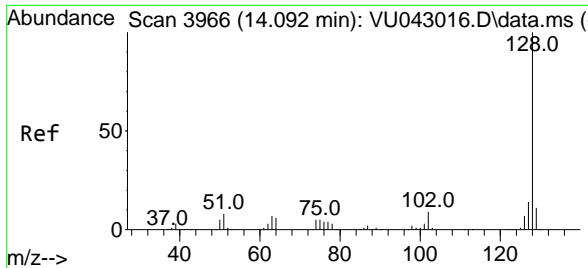
Tgt Ion	Resp	Lower	Upper
117	189045		
117	100		
82	58.1	45.8	68.6
119	31.4	25.8	38.8



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 11.819 min Scan# 3259  
 Delta R.T. -0.000 min  
 Lab File: VU043172.D  
 Acq: 16 Apr 2021 16:37

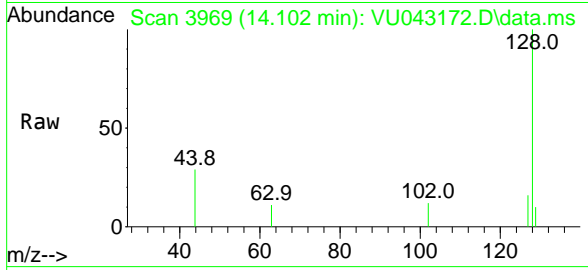
Tgt Ion	Resp	Lower	Upper
152	89761		
152	100		
115	59.1	41.5	124.6
150	159.0	0.0	342.4





#95  
 Naphthalene  
 Concen: 3.06 ug/l  
 RT: 14.102 min Scan# 3969  
 Delta R.T. 0.010 min  
 Lab File: VU043172.D  
 Acq: 16 Apr 2021 16:37

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 MSVOA\_U  
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Tgt Ion:128 Resp: 2200

Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.8	16.2#
129	6.4	8.6	13.0#

