

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044924.D
 Acq On : 28 Sep 2021 06:11
 Operator : SY/MD
 Sample : M3904-02RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JET-GROUT-SPOIL-STEEL-WHEEL

Quant Time: Sep 28 08:22:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

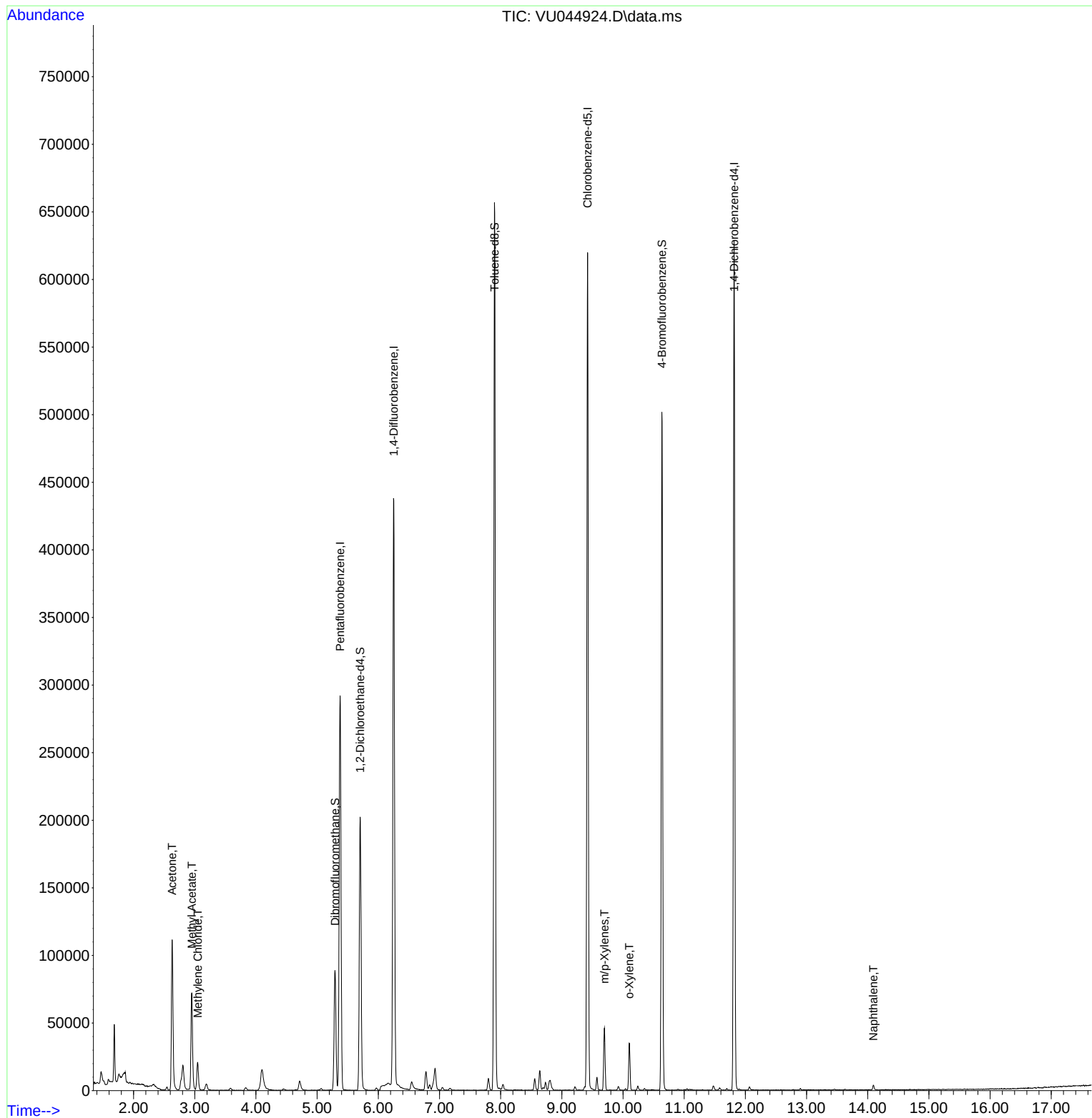
Internal Standards						
1) Pentafluorobenzene	5.375	168	190882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	336002	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	316256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	152428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	151585	45.502	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.000%	
35) Dibromofluoromethane	5.292	113	56384	24.461	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.920%	
50) Toluene-d8	7.899	98	419079	48.139	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.280%	
62) 4-Bromofluorobenzene	10.635	95	165739	51.258	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.520%	
Target Compounds						
						Qvalue
16) Acetone	2.629	43	127142	67.660	ug/l	99
18) Methyl Acetate	2.951	43	84317	13.431	ug/l	97
20) Methylene Chloride	3.047	84	9265	3.046	ug/l	93
68) m/p-Xylenes	9.697	106	12603	2.812	ug/l	99
69) o-Xylene	10.102	106	9293	2.144	ug/l	99
95) Naphthalene	14.092	128	3554	1.241	ug/l #	96

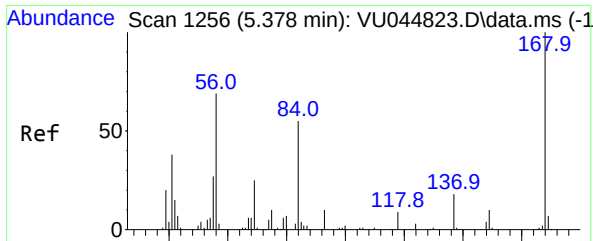
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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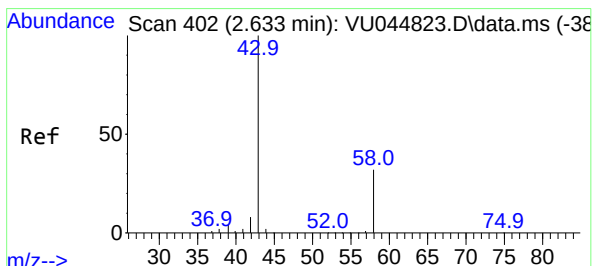
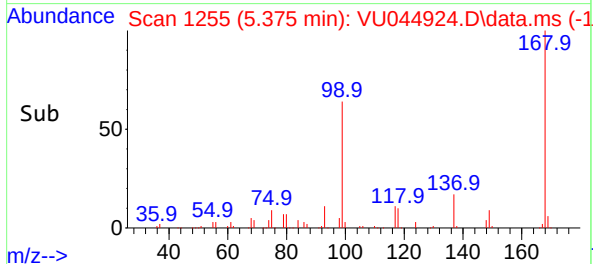
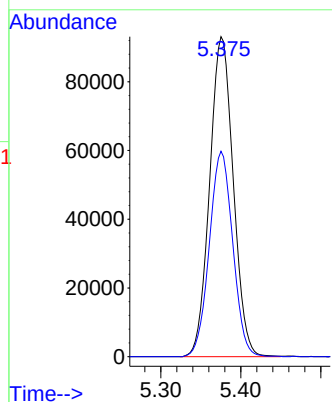
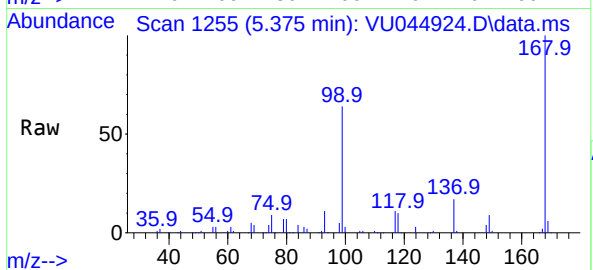




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

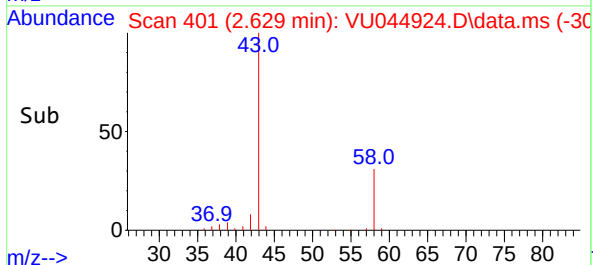
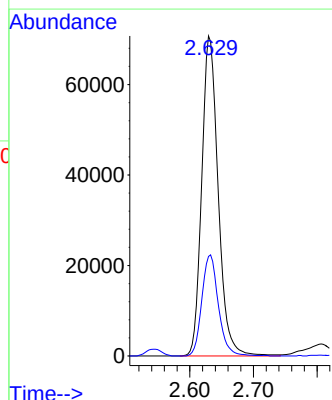
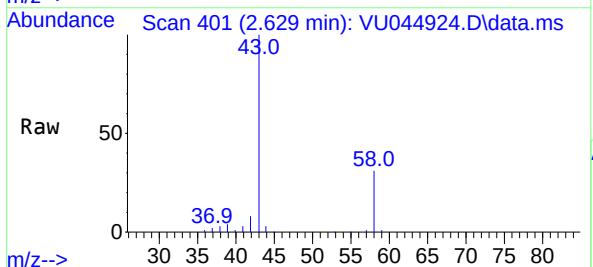
Instrument :
MSVOA_U
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

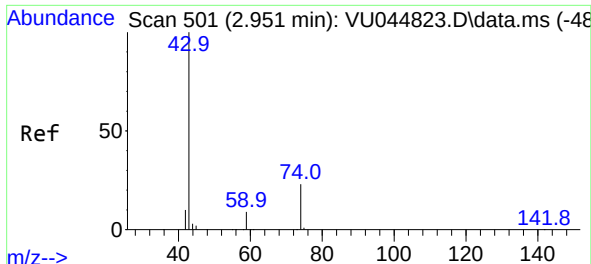
Tgt Ion:168 Resp: 190882
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#16
Acetone
Concen: 67.660 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

Tgt Ion: 43 Resp: 127142
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8

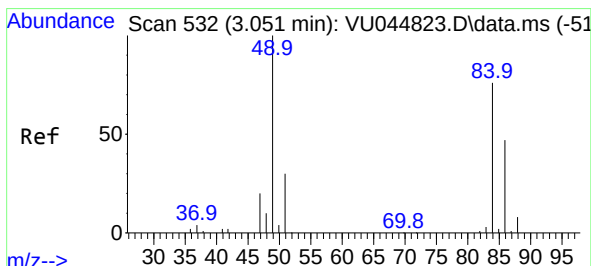
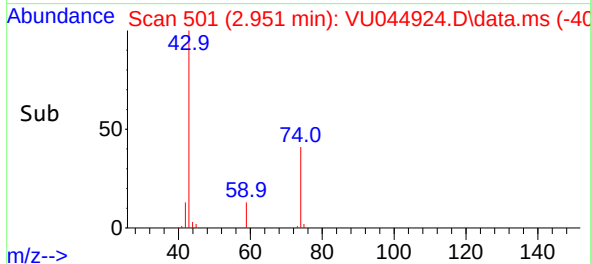
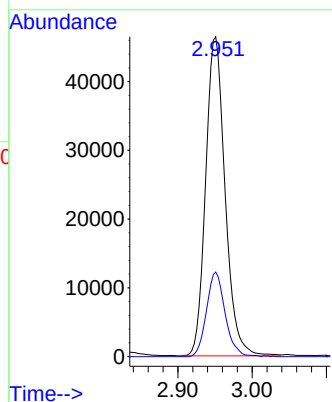
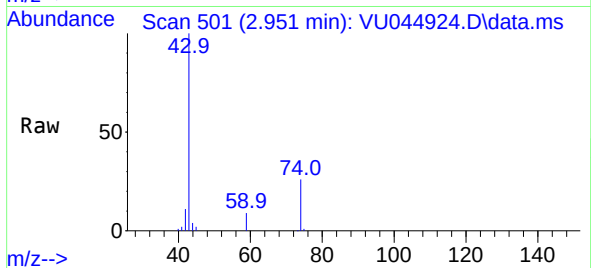




#18
Methyl Acetate
Concen: 13.431 ug/l
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

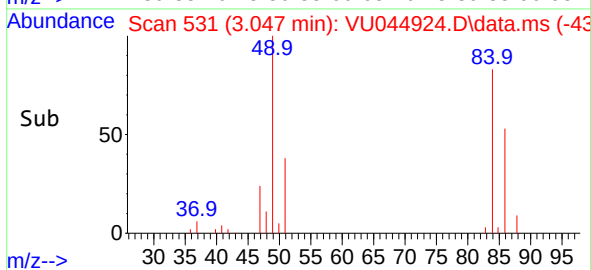
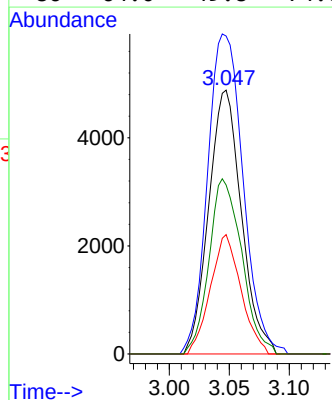
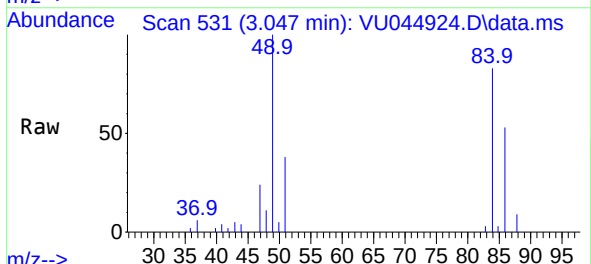
Instrument :
MSVOA_U
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

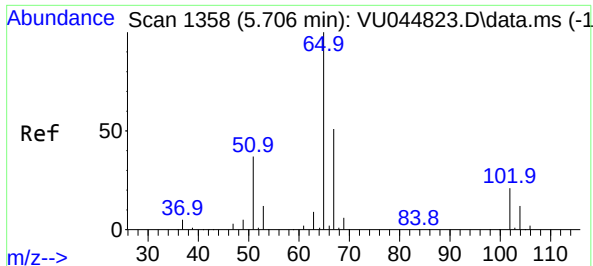
Tgt Ion: 43 Resp: 84317
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.6



#20
Methylene Chloride
Concen: 3.046 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

Tgt Ion: 84 Resp: 9265
Ion Ratio Lower Upper
84 100
49 120.5 104.9 157.3
51 45.2 31.8 47.8
86 64.0 49.8 74.6



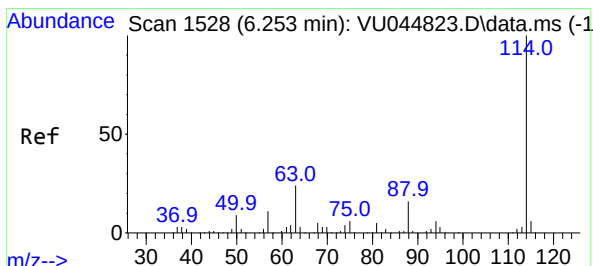
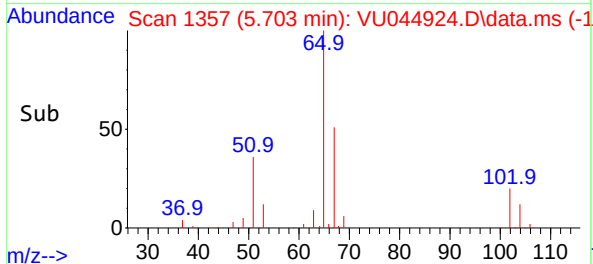
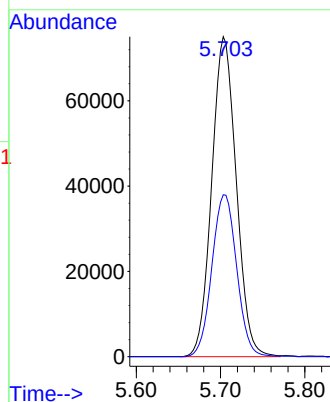
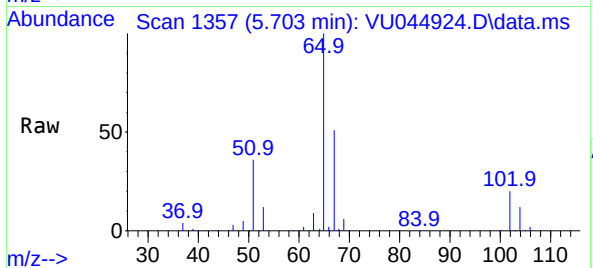


#33

1,2-Dichloroethane-d4
Concen: 45.502 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

Instrument :
MSVOA_U
ClientSampleId :
JET-GROUT-SPOIL-STEEL-WHEEL

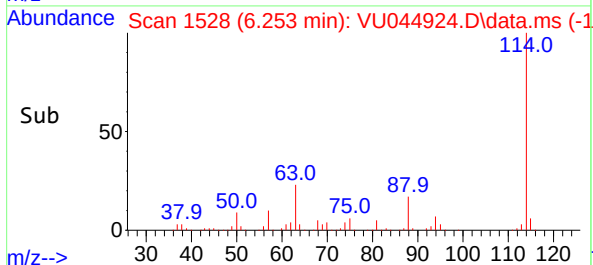
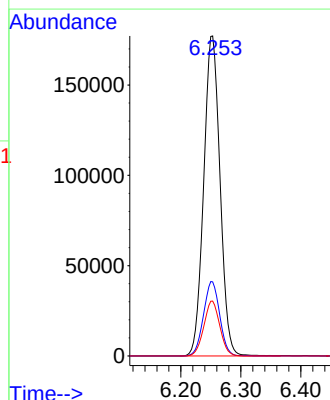
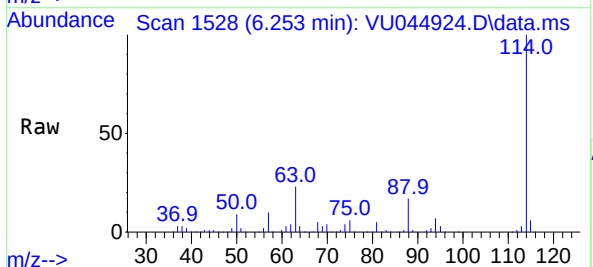
Tgt Ion: 65 Resp: 151585
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

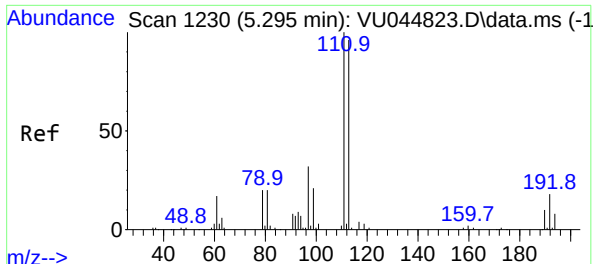


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

Tgt Ion: 114 Resp: 336002
Ion Ratio Lower Upper
114 100
63 23.2 0.0 47.8
88 17.1 0.0 32.8



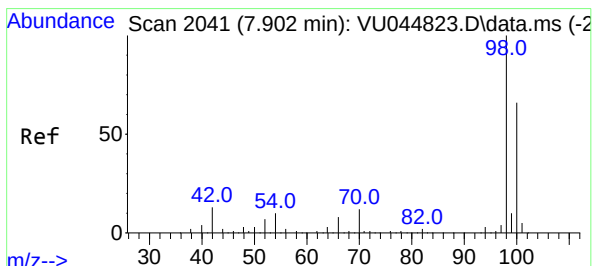
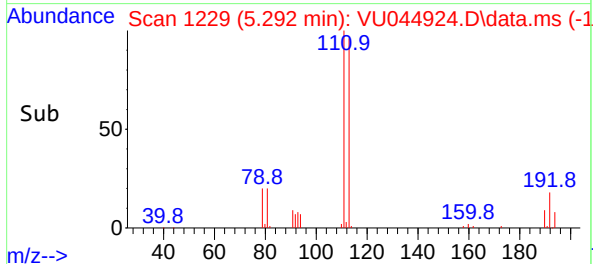
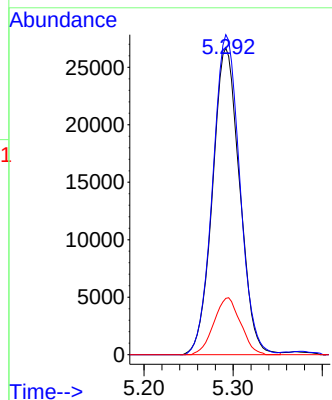
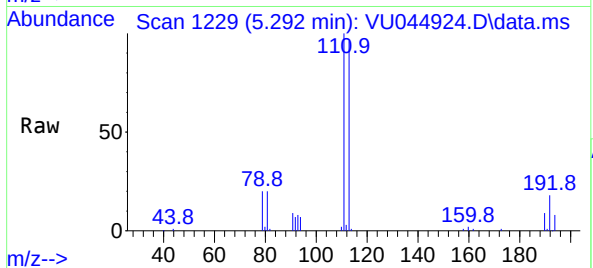


#35

Dibromofluoromethane
 Concen: 24.461 ug/l
 RT: 5.292 min Scan# 1229
 Delta R.T. -0.003 min
 Lab File: VU044924.D
 Acq: 28 Sep 2021 06:11

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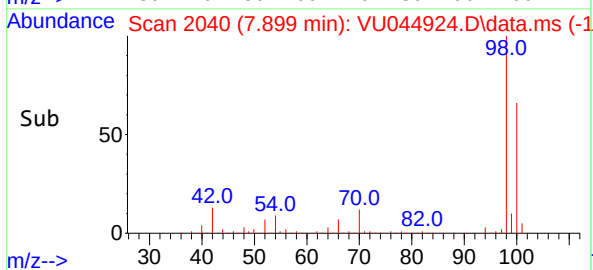
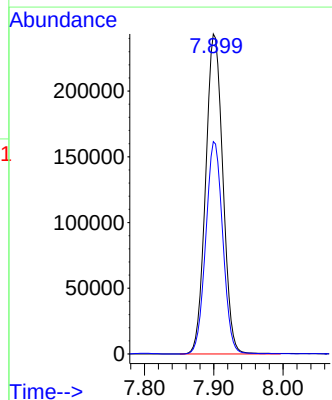
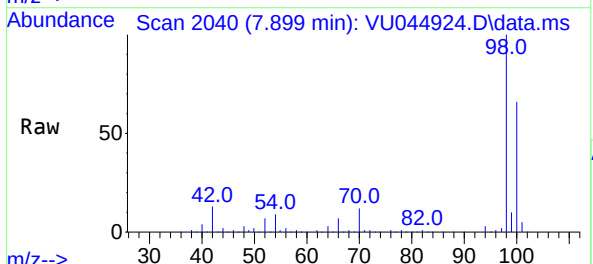
Tgt Ion:113 Resp: 56384
 Ion Ratio Lower Upper
 113 100
 111 104.0 84.1 126.1
 192 18.3 14.8 22.2

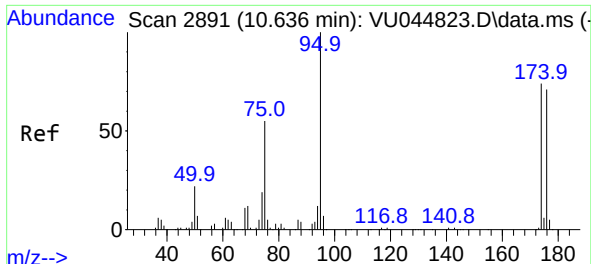


#50

Toluene-d8
 Concen: 48.139 ug/l
 RT: 7.899 min Scan# 2040
 Delta R.T. -0.003 min
 Lab File: VU044924.D
 Acq: 28 Sep 2021 06:11

Tgt Ion: 98 Resp: 419079
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7

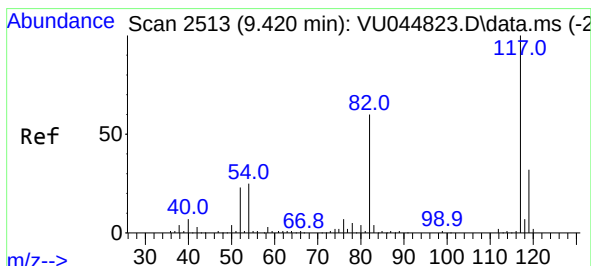
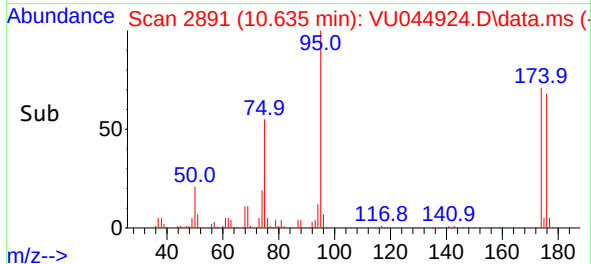
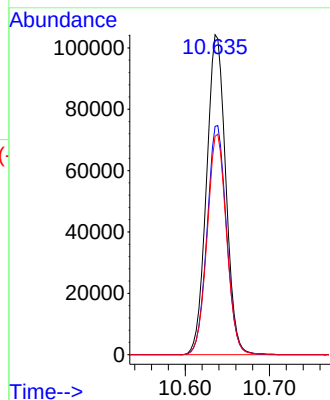
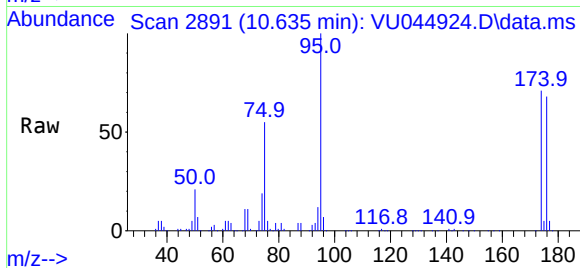




#62
4-Bromofluorobenzene
Concen: 51.258 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

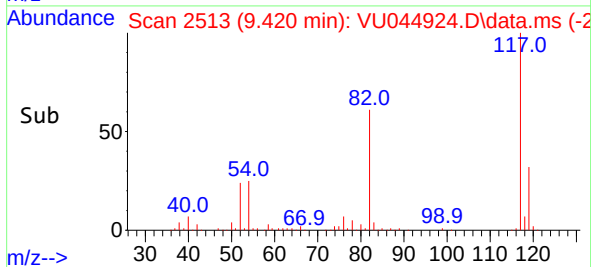
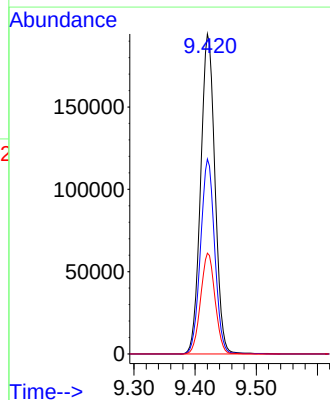
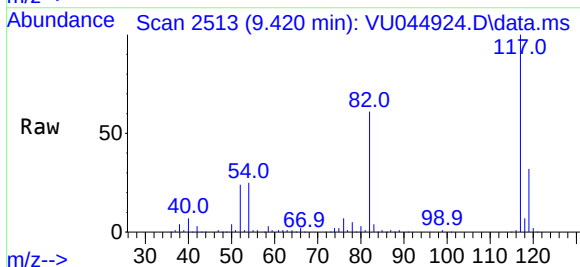
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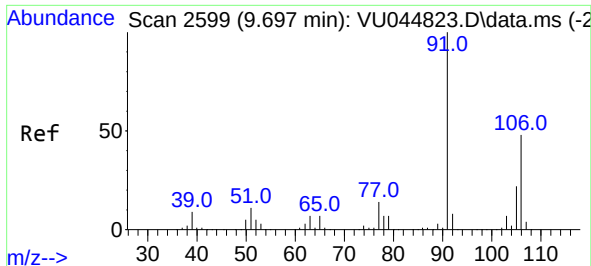
Tgt Ion: 95 Resp: 165739
Ion Ratio Lower Upper
95 100
174 72.2 0.0 146.6
176 69.3 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

Tgt Ion: 117 Resp: 316256
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 31.5 25.8 38.6

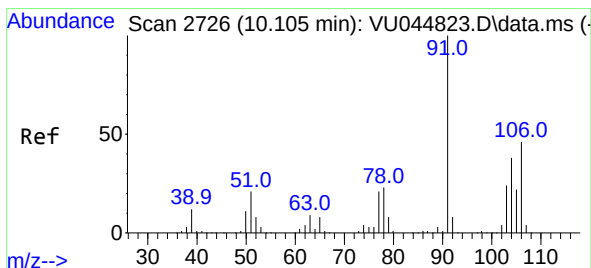
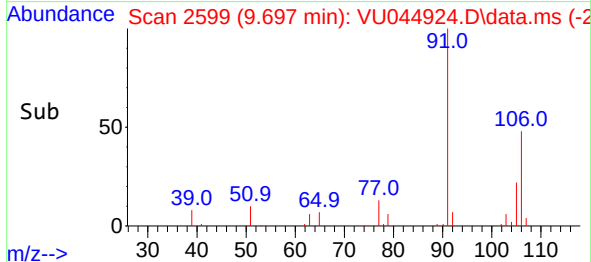
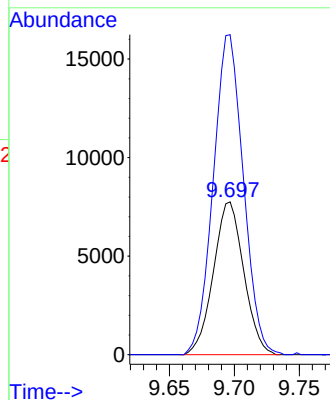
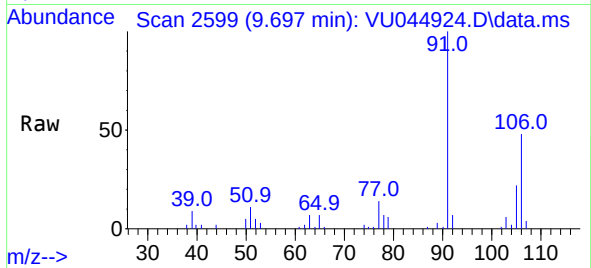




#68
m/p-Xylenes
Concen: 2.812 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

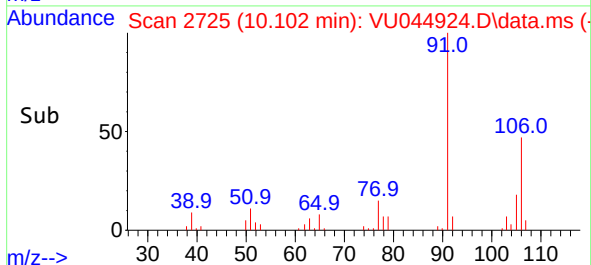
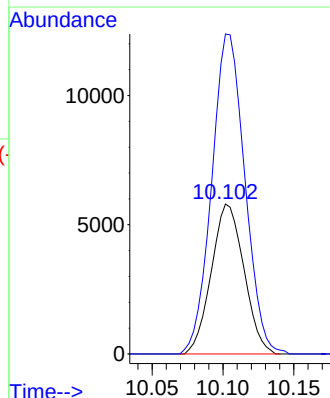
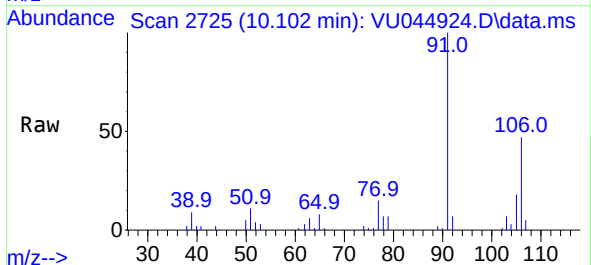
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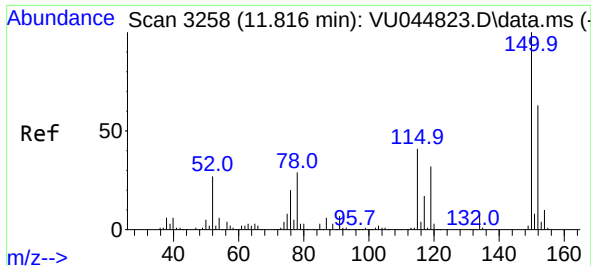
Tgt Ion:106 Resp: 12603
Ion Ratio Lower Upper
106 100
91 207.5 164.2 246.2



#69
o-Xylene
Concen: 2.144 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

Tgt Ion:106 Resp: 9293
Ion Ratio Lower Upper
106 100
91 216.8 108.9 326.7

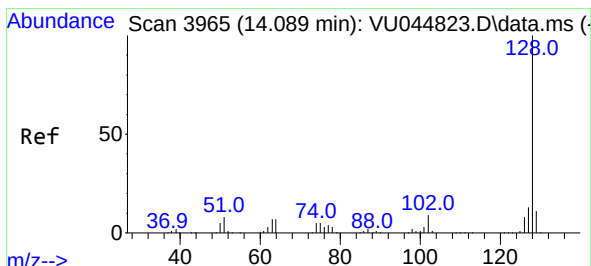
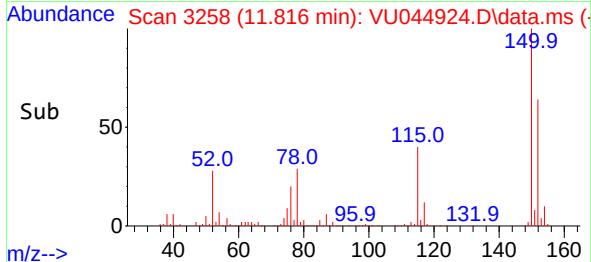
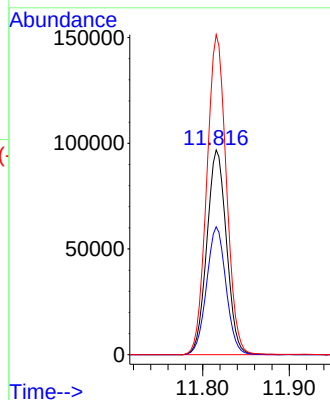
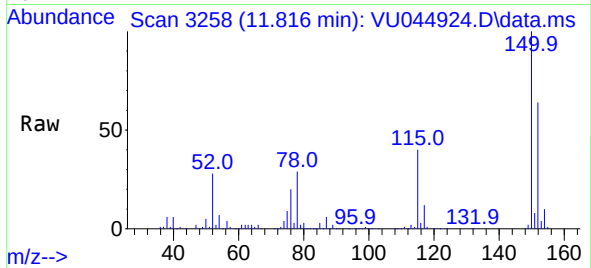




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

Instrument :
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Tgt Ion:152 Resp: 152428
Ion Ratio Lower Upper
152 100
115 62.0 43.5 130.7
150 155.7 0.0 350.0



#95
Naphthalene
Concen: 1.241 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044924.D
Acq: 28 Sep 2021 06:11

Tgt Ion:128 Resp: 3554
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 7.7 8.6 13.0#

