

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045394.D
 Acq On : 25 Oct 2021 19:26
 Operator : SY/MD
 Sample : M4330-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JET-GROUT-SPOILS

Quant Time: Oct 26 04:46:27 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)

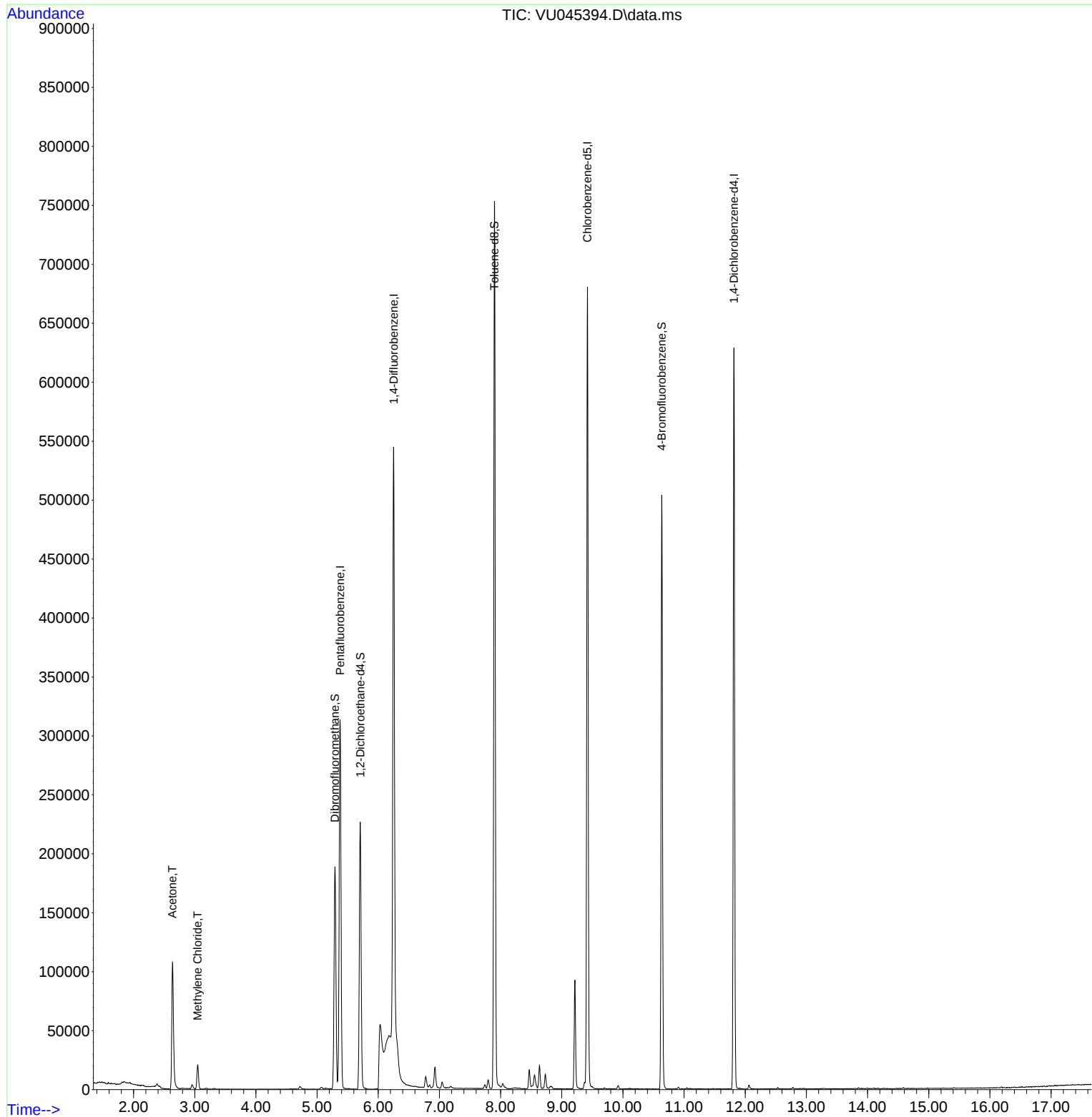
Internal Standards						
1) Pentafluorobenzene	5.375	168	209395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	395860	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	361919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	156307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	169485	48.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.240%
35) Dibromofluoromethane	5.292	113	122084	48.888	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	7.899	98	490319	49.693	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.380%
62) 4-Bromofluorobenzene	10.636	95	171928	42.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.420%
Target Compounds						
					Qvalue	
16) Acetone	2.636	43	137494	66.454	ug/l	97
20) Methylene Chloride	3.047	84	9558	3.067	ug/l	96

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

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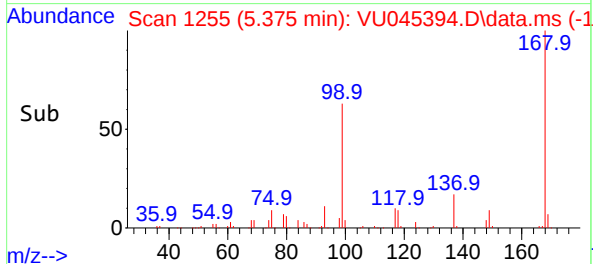
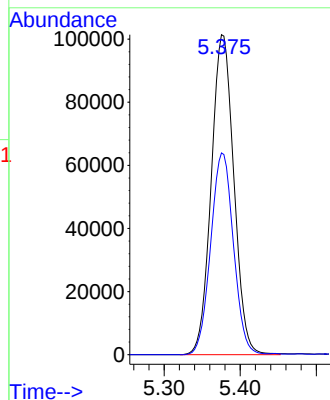
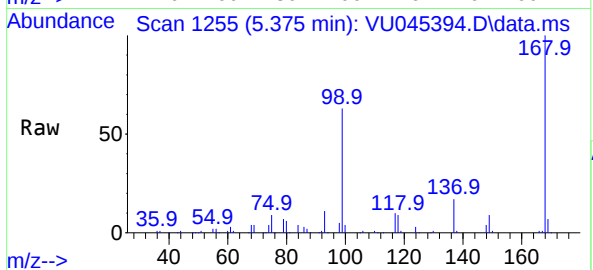




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

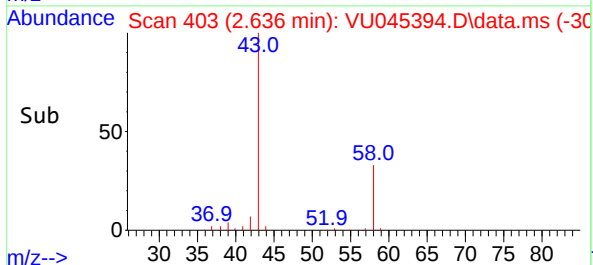
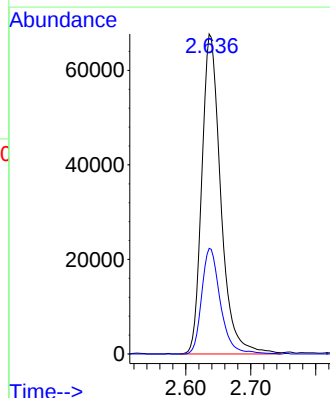
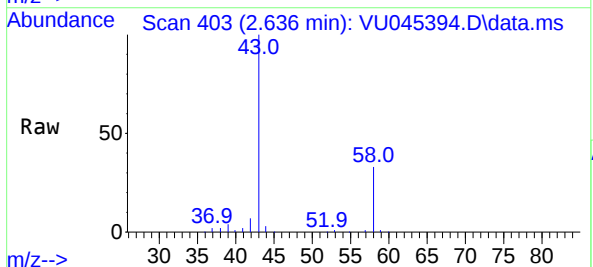
Instrument :
MSVOA_U
ClientSampleId :
JET-GROUT-SPOILS

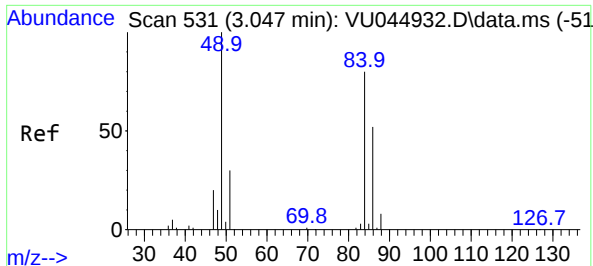
Tgt Ion:168 Resp: 209395
Ion Ratio Lower Upper
168 100
99 63.1 51.4 77.0



#16
Acetone
Concen: 66.454 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

Tgt Ion: 43 Resp: 137494
Ion Ratio Lower Upper
43 100
58 33.0 25.2 37.8



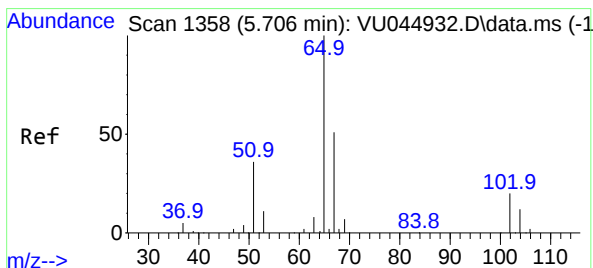
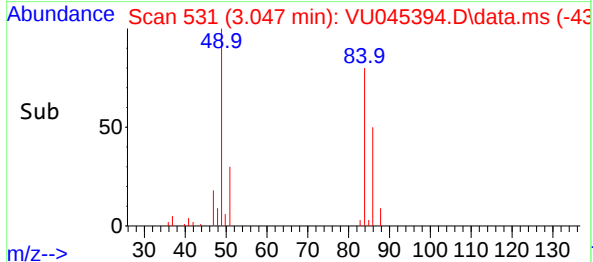
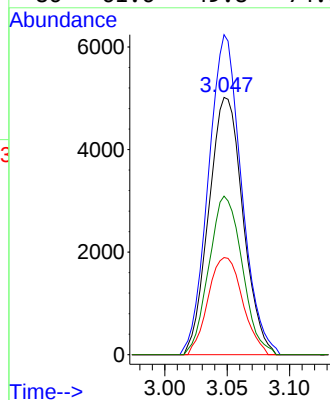
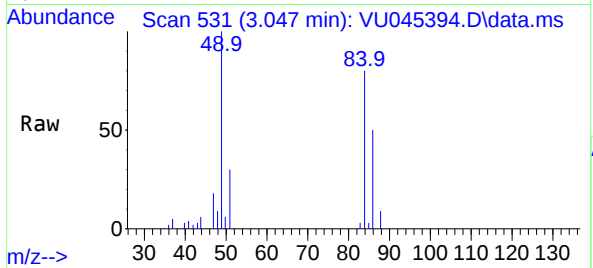


#20
Methylene Chloride
Concen: 3.067 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

Instrument :
MSVOA_U
ClientSampleId :
JET-GROUT-SPOILS

Tgt Ion: 84 Resp: 9558

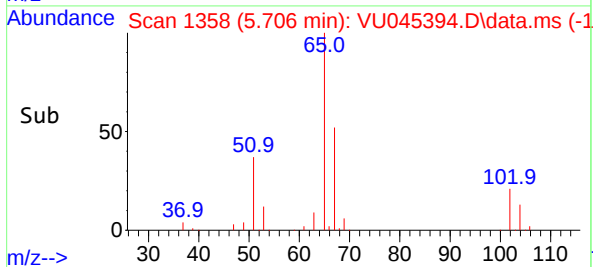
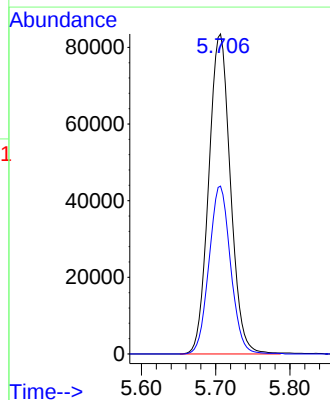
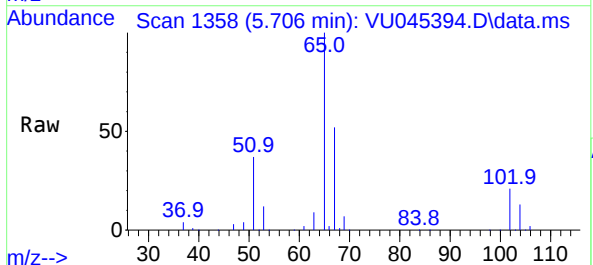
Ion	Ratio	Lower	Upper
84	100		
49	124.4	104.9	157.3
51	37.8	31.8	47.8
86	61.6	49.8	74.6

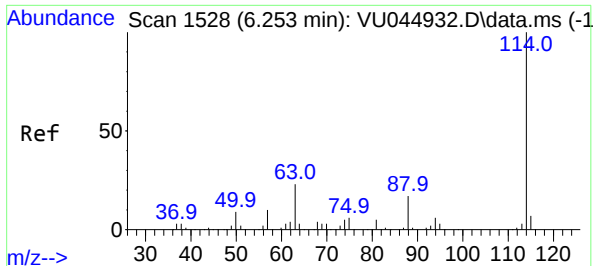


#33
1,2-Dichloroethane-d4
Concen: 48.624 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

Tgt Ion: 65 Resp: 169485

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.8

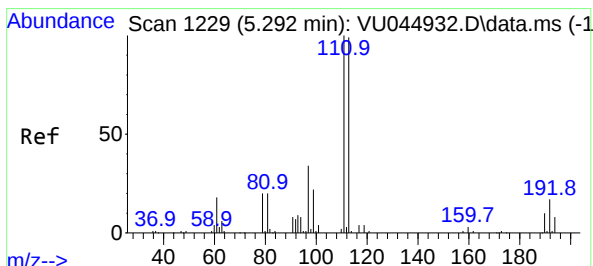
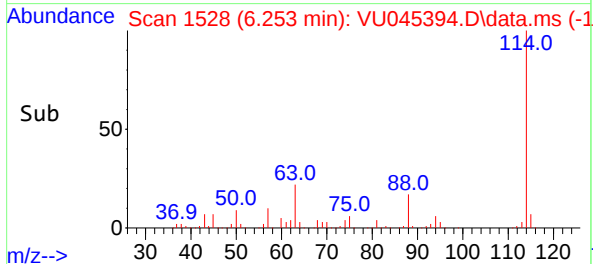
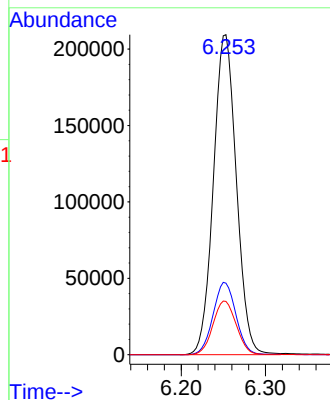
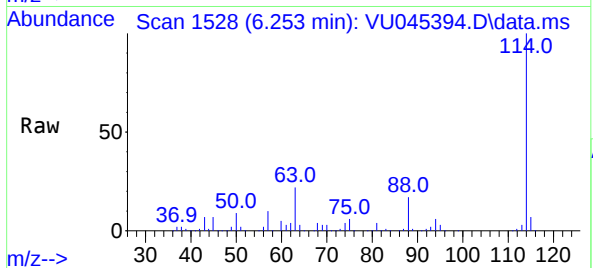




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

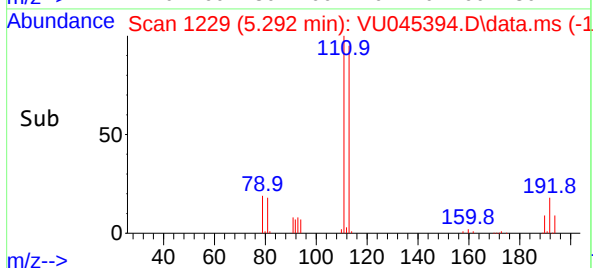
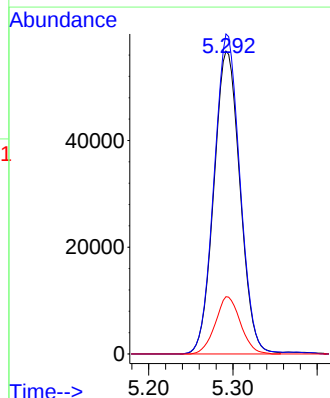
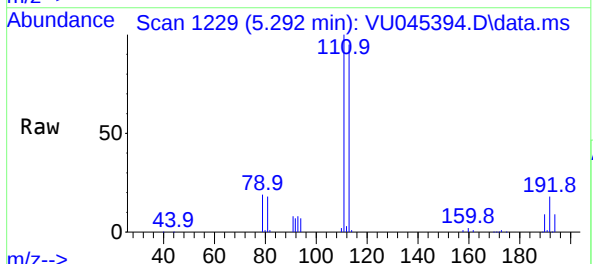
Instrument :
MSVOA_U
ClientSampleId :
JET-GROUT-SPOILS

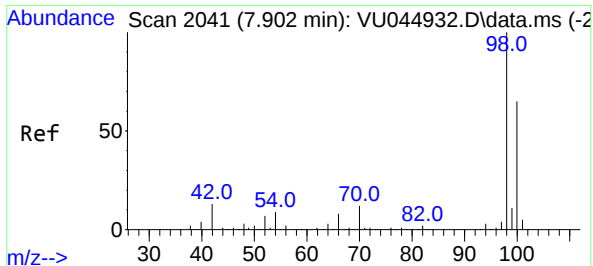
Tgt Ion:114 Resp: 395860
Ion Ratio Lower Upper
114 100
63 22.4 0.0 47.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.888 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

Tgt Ion:113 Resp: 122084
Ion Ratio Lower Upper
113 100
111 104.5 84.1 126.1
192 18.2 14.8 22.2

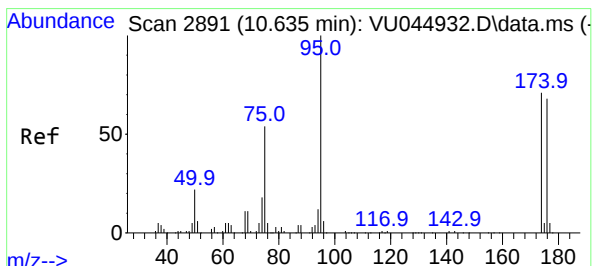
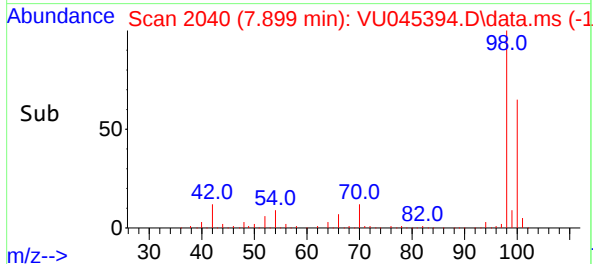
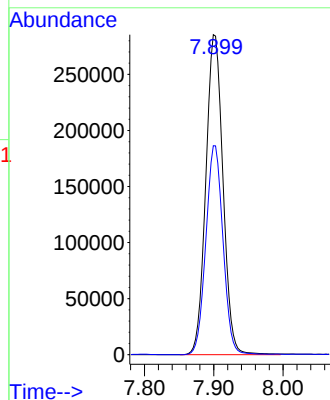
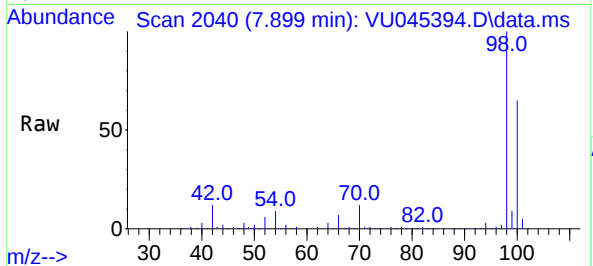




#50
Toluene-d8
Concen: 49.693 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

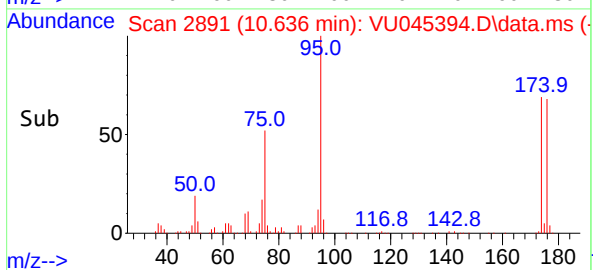
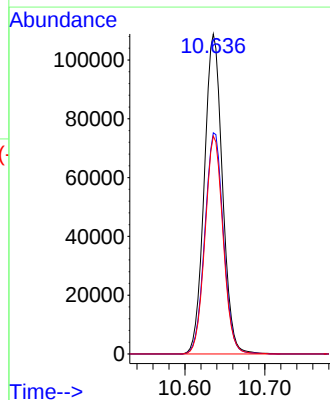
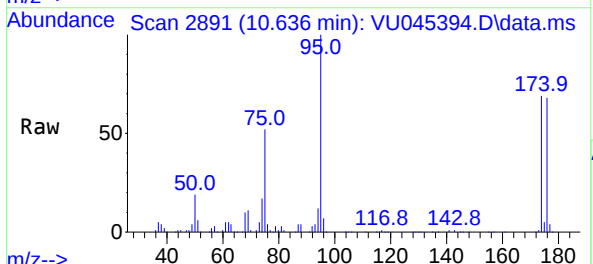
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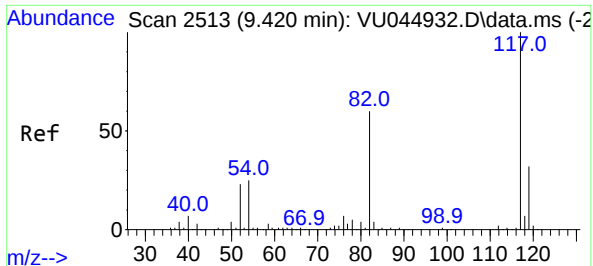
Tgt Ion: 98 Resp: 490319
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.205 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

Tgt Ion: 95 Resp: 171928
Ion Ratio Lower Upper
95 100
174 70.6 0.0 146.6
176 67.8 0.0 141.2

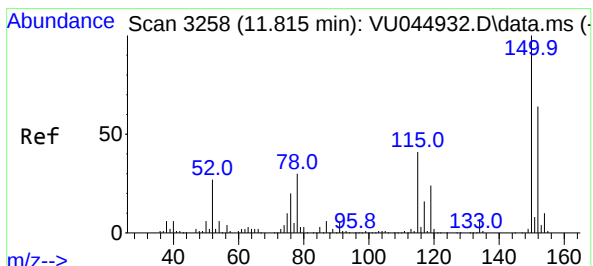
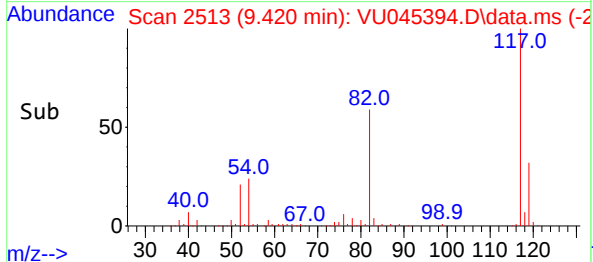
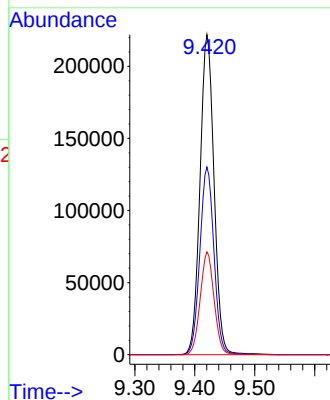
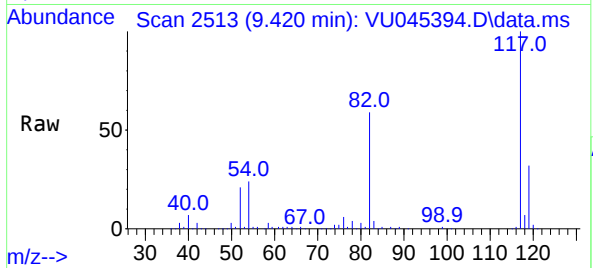




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

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JET-GROUT-SPOILS

Tgt Ion:117 Resp: 361919
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.8
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045394.D
Acq: 25 Oct 2021 19:26

Tgt Ion:152 Resp: 156307
Ion Ratio Lower Upper
152 100
115 61.4 43.5 130.7
150 157.0 0.0 350.0

