

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045077.D
 Acq On : 01 Oct 2021 16:49
 Operator : SY/MD
 Sample : M3993-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STEEL-WELL-GATE-1-GROUT

Quant Time: Oct 02 03:12:39 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)

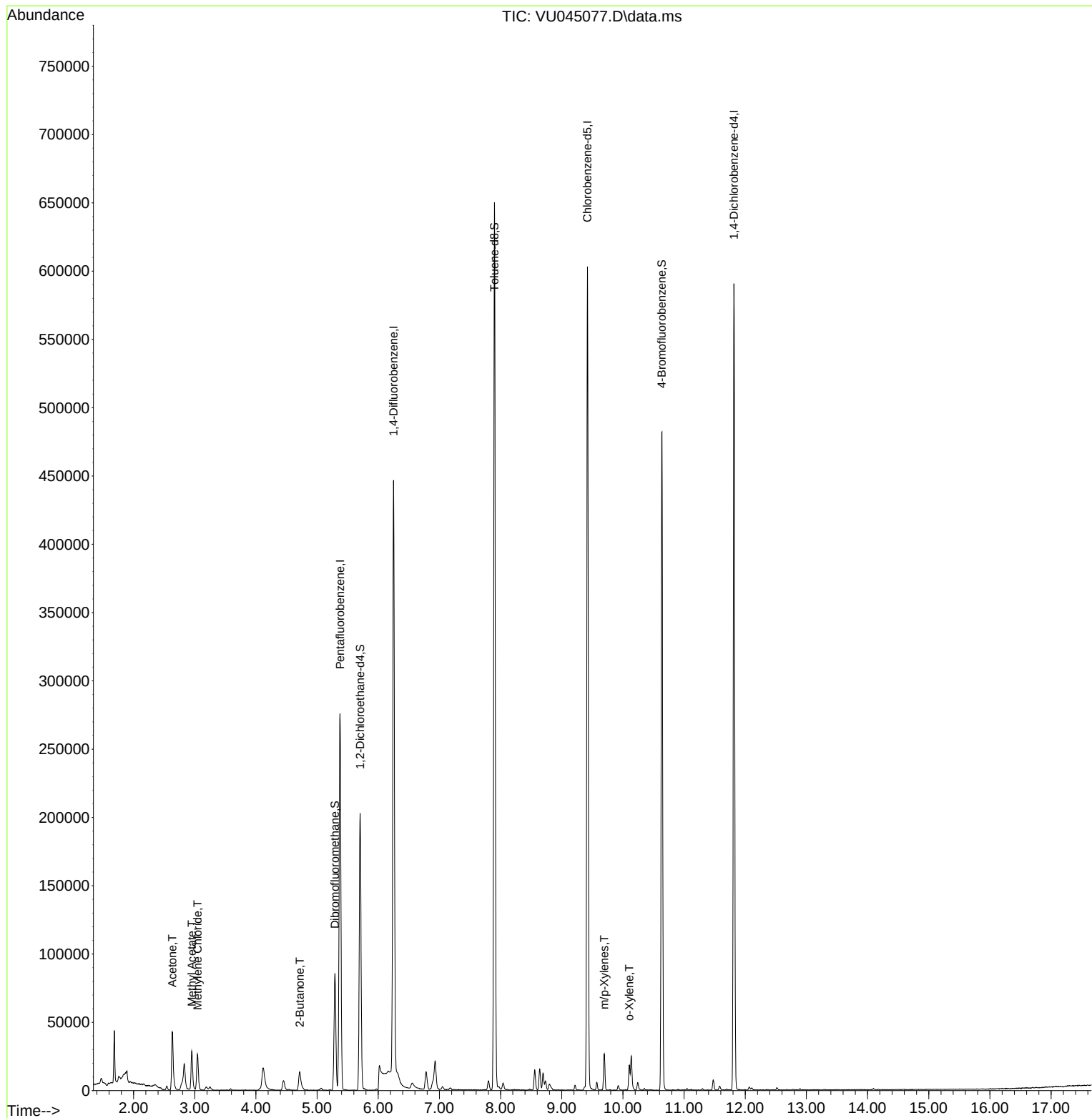
Internal Standards						
1) Pentafluorobenzene	5.375	168	178949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	329429	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	311052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	141701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	150630	50.567	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.140%			
35) Dibromofluoromethane	5.292	113	53781	25.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 51.760%#			
50) Toluene-d8	7.899	98	416880	50.770	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.540%			
62) 4-Bromofluorobenzene	10.636	95	160639	47.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.780%			
Target Compounds					Qvalue	
16) Acetone	2.633	43	52538	29.713	ug/l	98
18) Methyl Acetate	2.951	43	35022	6.777	ug/l	98
20) Methylene Chloride	3.044	84	12931	4.855	ug/l	93
25) 2-Butanone	4.716	43	24571	9.781	ug/l	99
68) m/p-Xylenes	9.697	106	7557	1.621	ug/l	100
69) o-Xylene	10.105	106	5110	1.104	ug/l	93

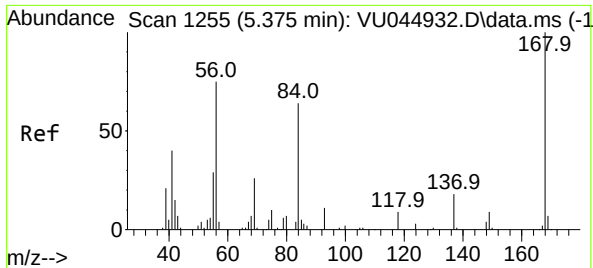
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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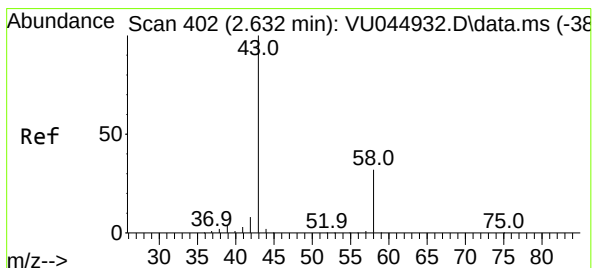
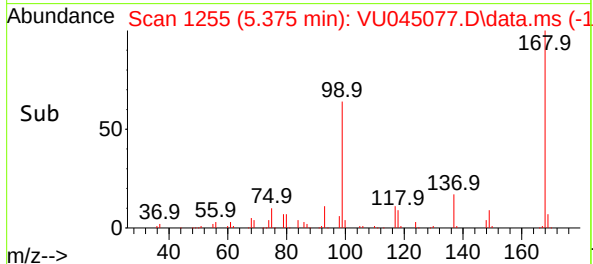
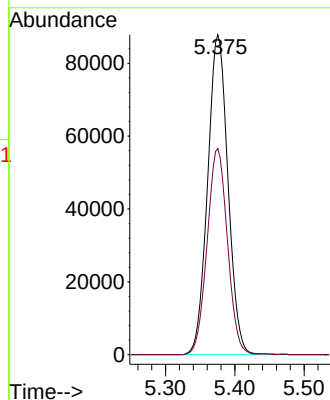
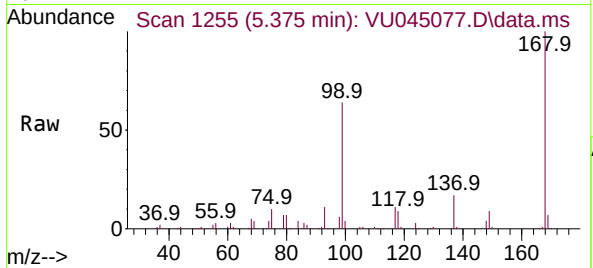




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

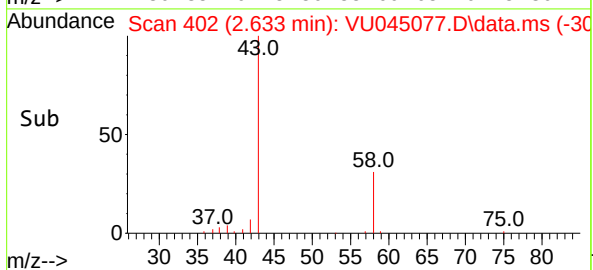
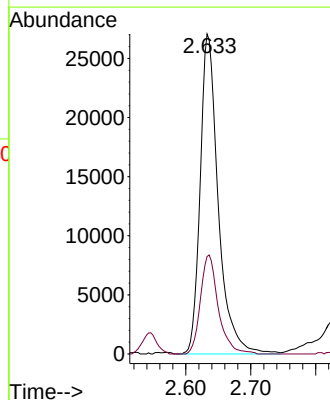
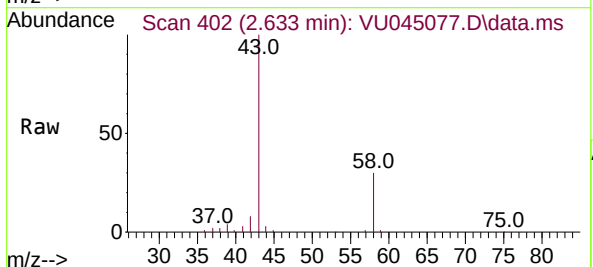
Instrument :
MSVOA_U
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STEEL-WELL-GATE-1-GROUT

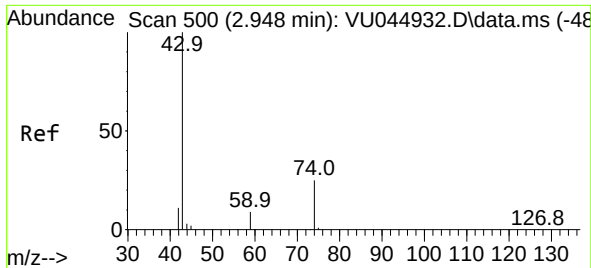
Tgt Ion:168 Resp: 178949
Ion Ratio Lower Upper
168 100
99 64.4 51.4 77.0



#16
Acetone
Concen: 29.713 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

Tgt Ion: 43 Resp: 52538
Ion Ratio Lower Upper
43 100
58 30.5 25.2 37.8

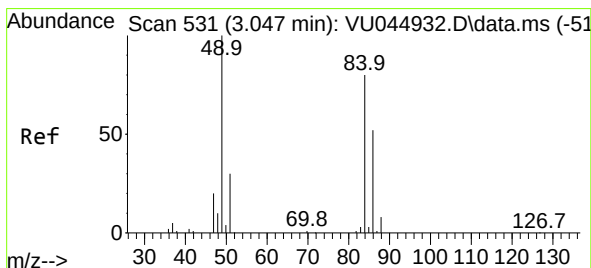
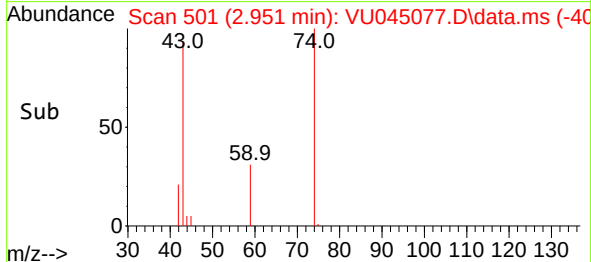
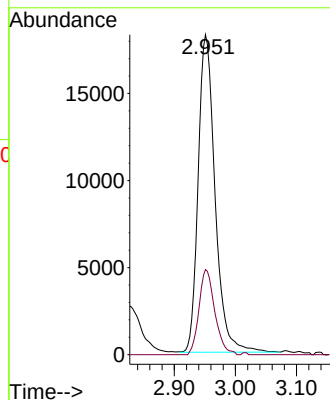
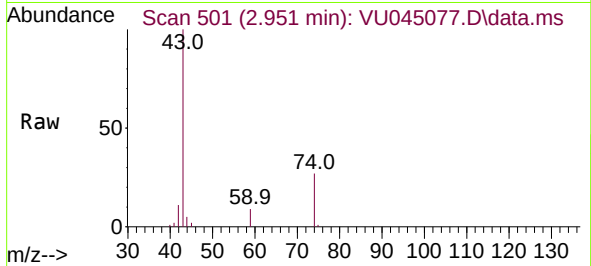




#18
Methyl Acetate
Concen: 6.777 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

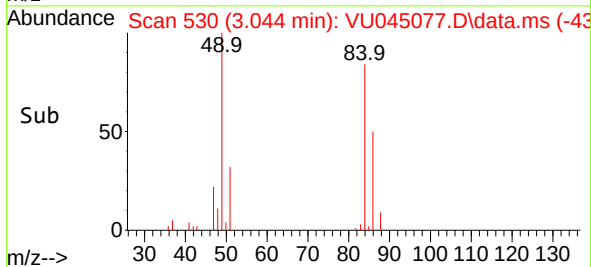
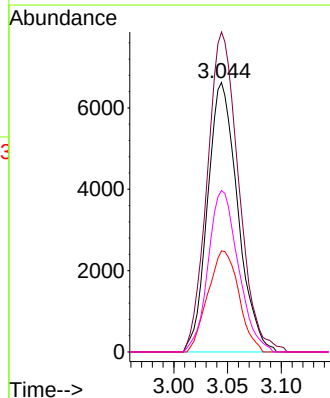
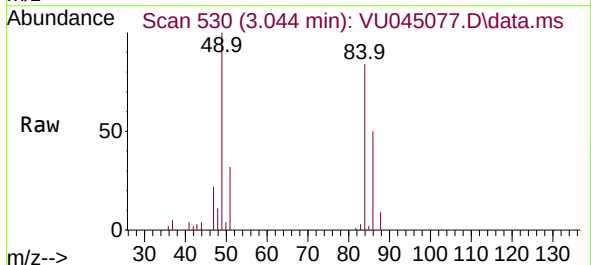
Instrument :
MSVOA_U
ClientSampleId :
STEEL-WELL-GATE-1-GROUT

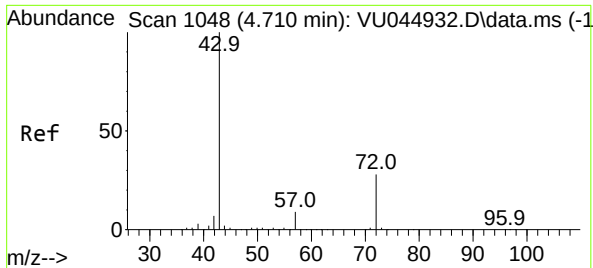
Tgt Ion: 43 Resp: 35022
Ion Ratio Lower Upper
43 100
74 25.0 19.0 28.6



#20
Methylene Chloride
Concen: 4.855 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

Tgt Ion: 84 Resp: 12931
Ion Ratio Lower Upper
84 100
49 118.7 104.9 157.3
51 37.5 31.8 47.8
86 59.9 49.8 74.6

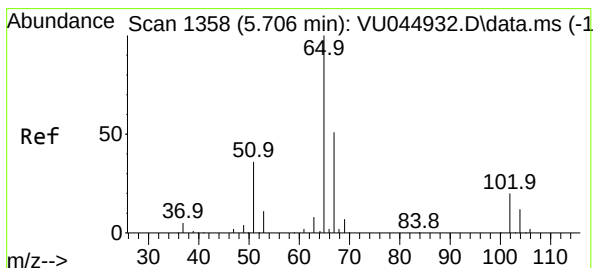
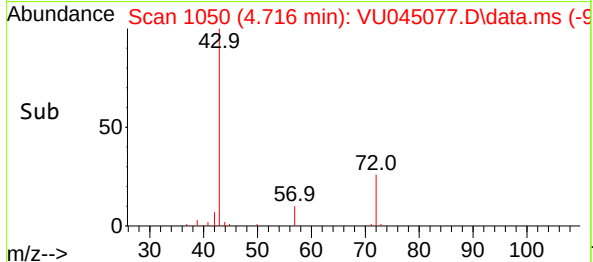
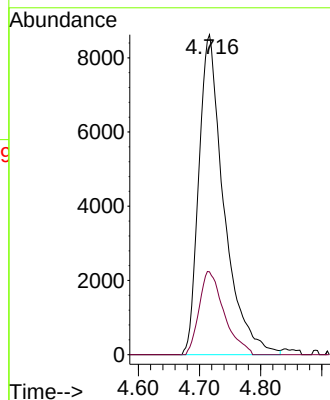
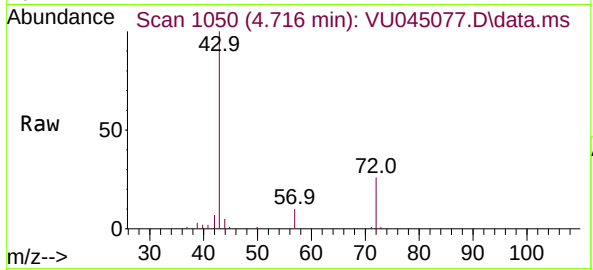




#25
2-Butanone
Concen: 9.781 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

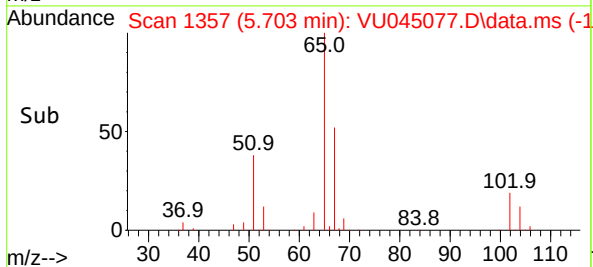
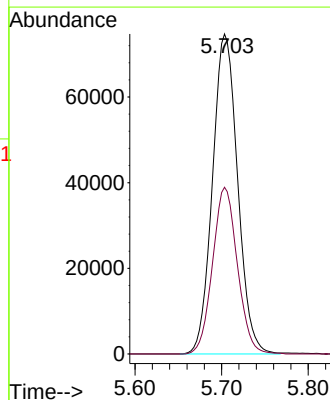
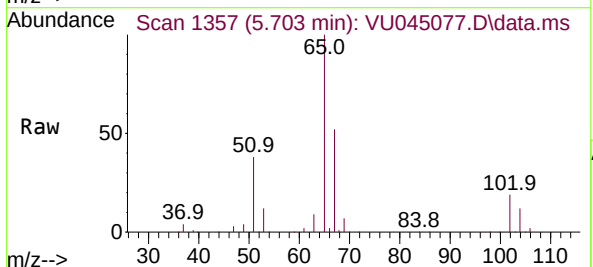
Instrument :
MSVOA_U
ClientSampleId :
STEEL-WELL-GATE-1-GROUT

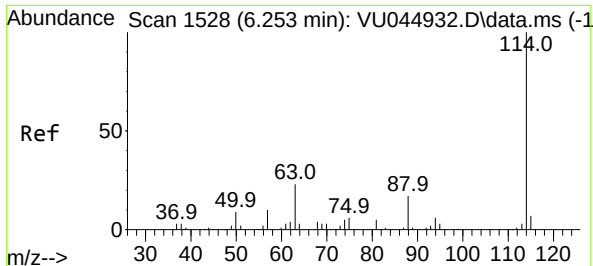
Tgt Ion: 43 Resp: 24571
Ion Ratio Lower Upper
43 100
72 25.9 21.3 31.9



#33
1,2-Dichloroethane-d4
Concen: 50.567 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

Tgt Ion: 65 Resp: 150630
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

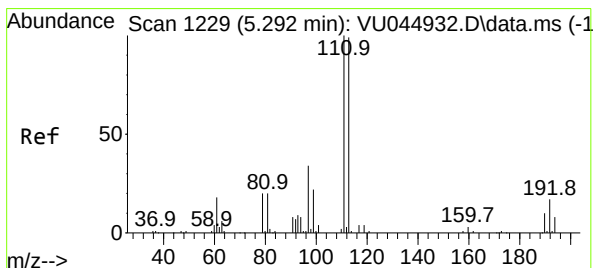
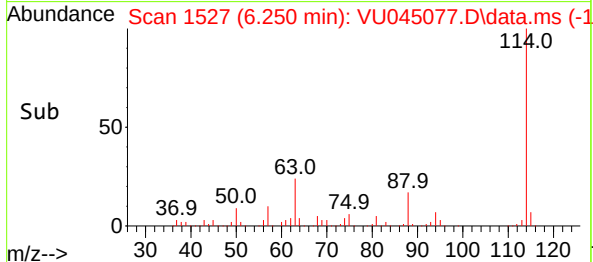
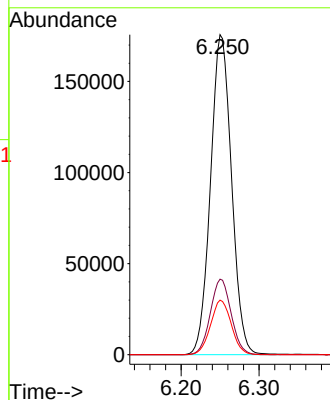
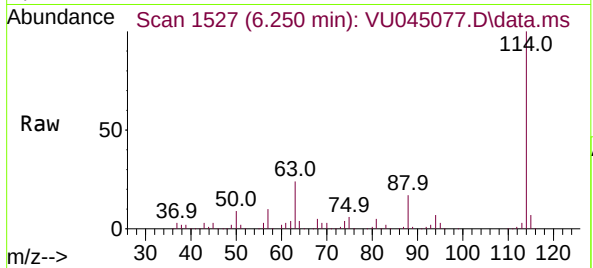




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

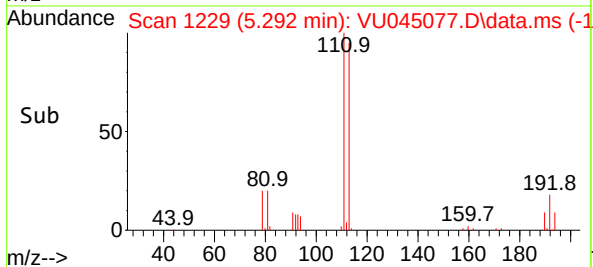
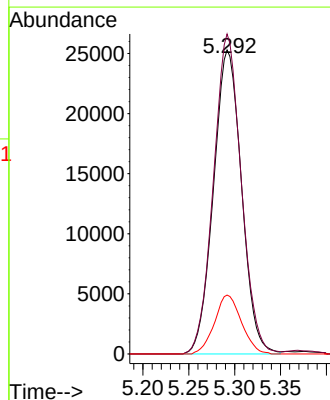
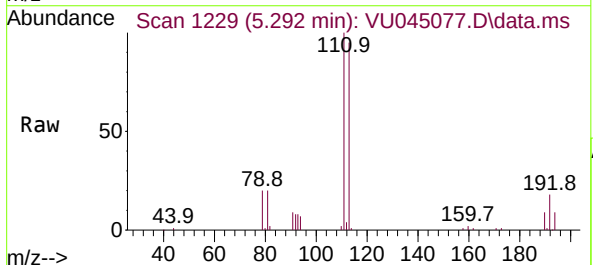
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ClientSampleId :
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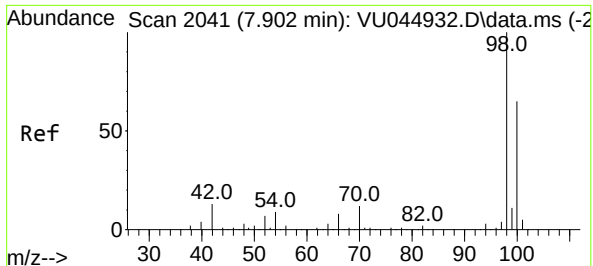
Tgt Ion:114 Resp: 329429
Ion Ratio Lower Upper
114 100
63 23.6 0.0 47.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 25.879 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

Tgt Ion:113 Resp: 53781
Ion Ratio Lower Upper
113 100
111 104.2 84.1 126.1
192 18.6 14.8 22.2

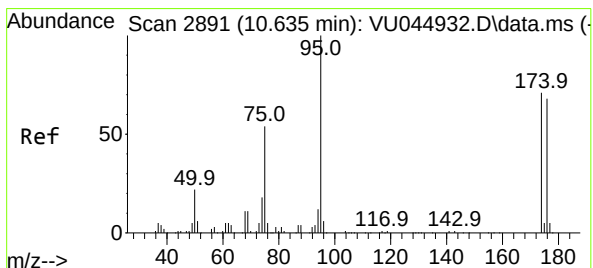
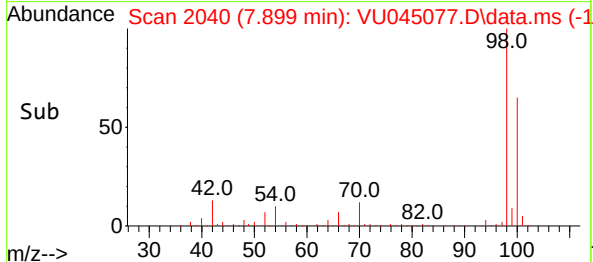
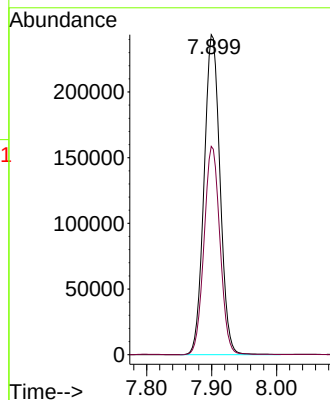
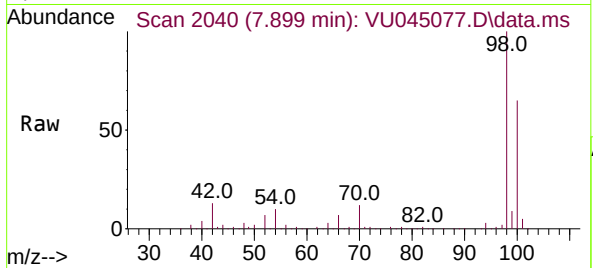




#50
Toluene-d8
Concen: 50.770 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

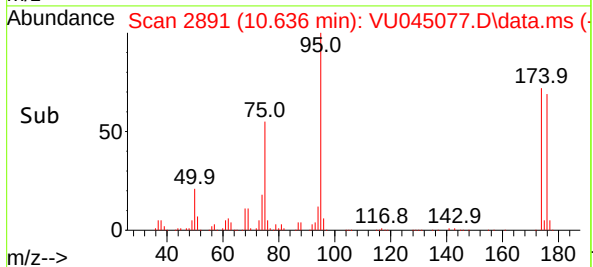
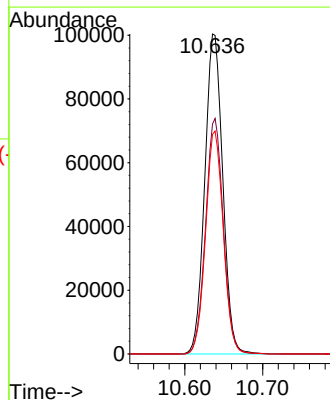
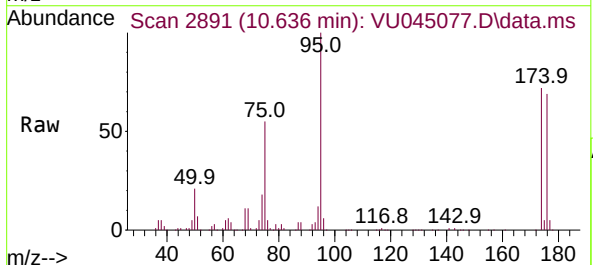
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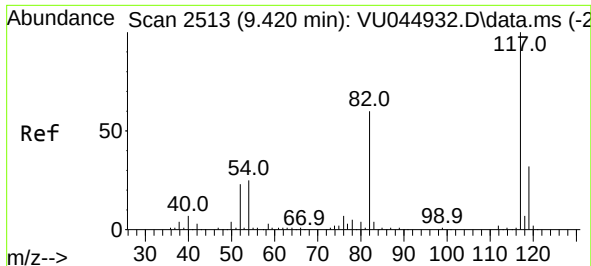
Tgt Ion: 98 Resp: 416880
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.386 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

Tgt Ion: 95 Resp: 160639
Ion Ratio Lower Upper
95 100
174 72.8 0.0 146.6
176 68.8 0.0 141.2

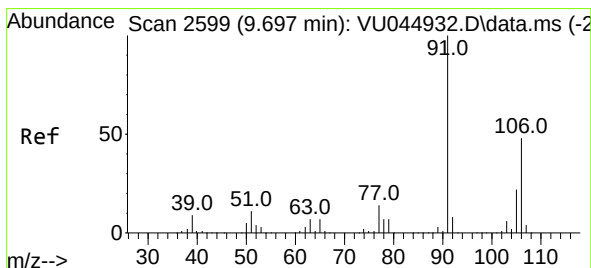
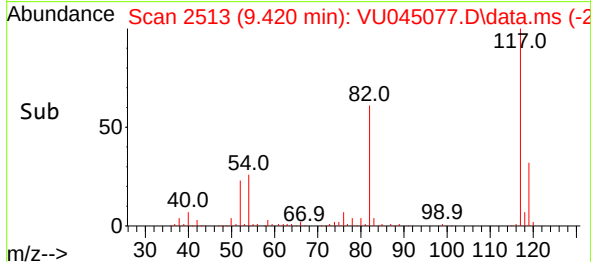
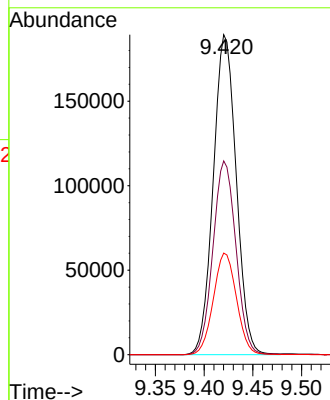
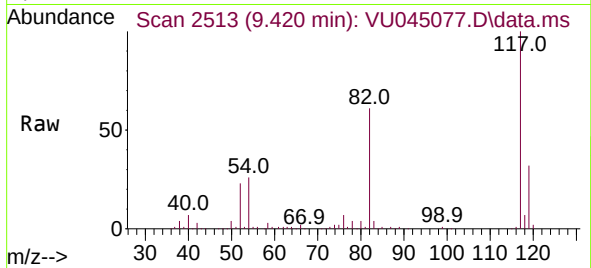




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

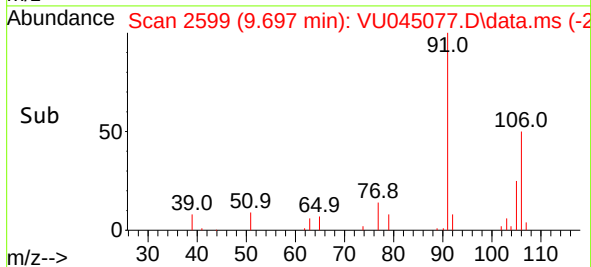
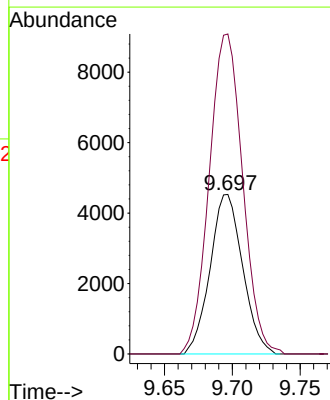
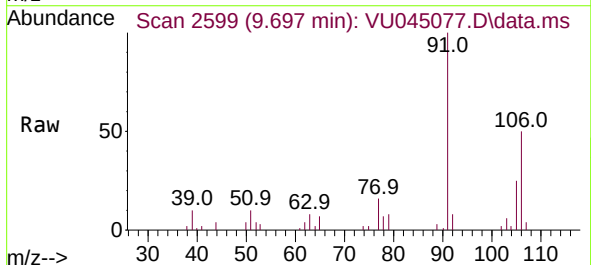
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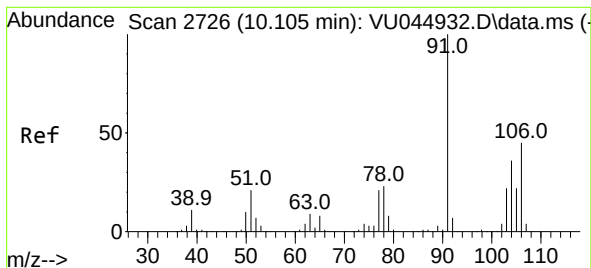
Tgt Ion:117 Resp: 311052
Ion Ratio Lower Upper
117 100
82 60.6 47.8 71.8
119 31.7 25.8 38.6



#68
m/p-Xylenes
Concen: 1.621 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

Tgt Ion:106 Resp: 7557
Ion Ratio Lower Upper
106 100
91 205.7 164.2 246.2

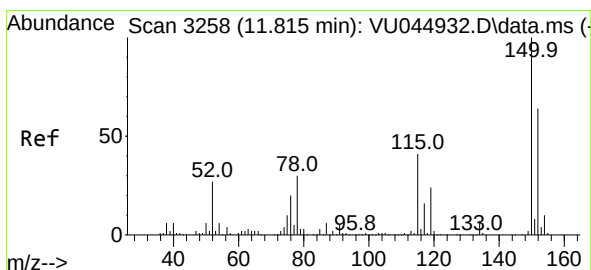
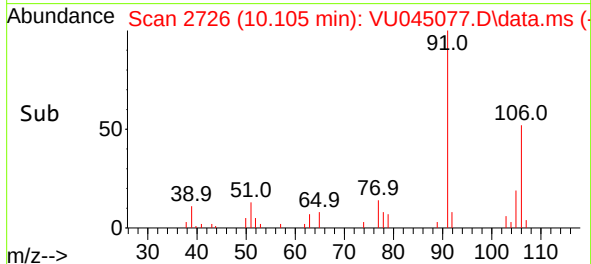
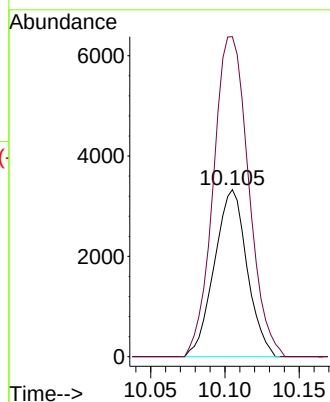
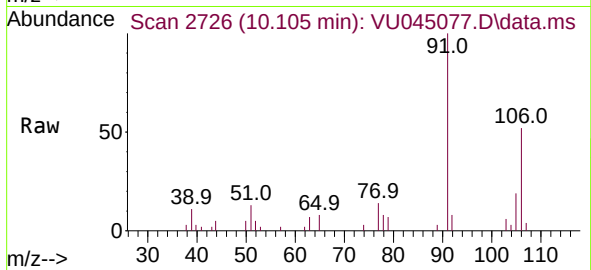




#69
o-Xylene
Concen: 1.104 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

Instrument :
MSVOA_U
ClientSampleId :
STEEL-WELL-GATE-1-GROUT

Tgt Ion:106 Resp: 5110
Ion Ratio Lower Upper
106 100
91 206.0 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045077.D
Acq: 01 Oct 2021 16:49

Tgt Ion:152 Resp: 141701
Ion Ratio Lower Upper
152 100
115 62.6 43.5 130.7
150 157.0 0.0 350.0

