

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048724.D
 Acq On : 28 May 2022 04:22
 Operator : SY/MD
 Sample : N3075-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WELL-1

Quant Time: May 30 03:01:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

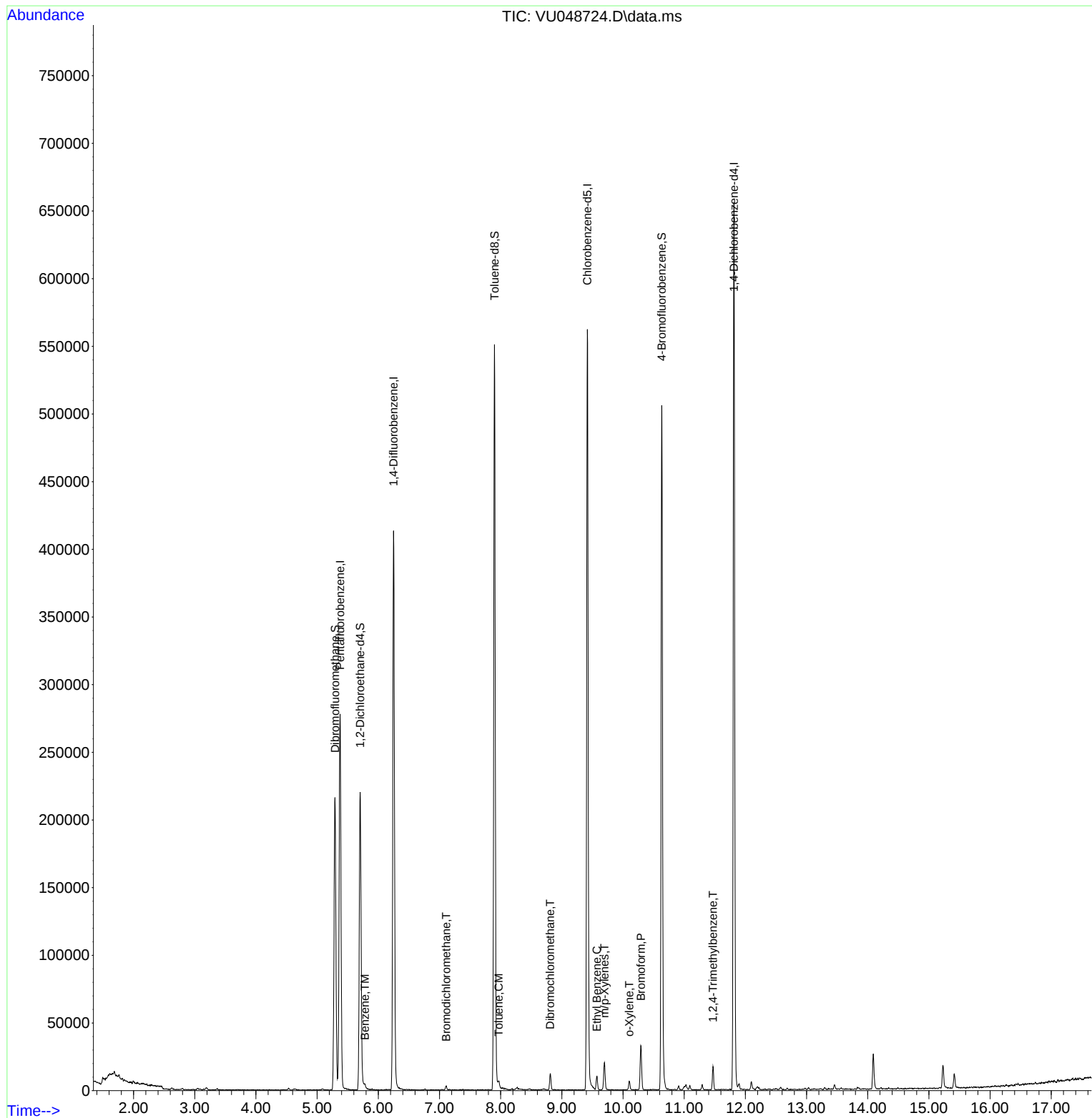
Internal Standards						
1) Pentafluorobenzene	5.375	168	190501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	339059	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	319820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	179328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	174244	60.904	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.800%#
35) Dibromofluoromethane	5.292	113	144555	59.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	119.520%
50) Toluene-d8	7.899	98	378231	43.620	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.240%#
62) 4-Bromofluorobenzene	10.632	95	173273	52.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.680%
Target Compounds						
					Qvalue	
40) Benzene	5.781	78	3155	0.303	ug/l #	87
47) Bromodichloromethane	7.108	83	2199	0.555	ug/l #	91
52) Toluene	7.967	92	1810	0.290	ug/l	99
60) Dibromochloromethane	8.809	129	6215	2.015	ug/l	93
67) Ethyl Benzene	9.575	91	7877	0.690	ug/l #	85
68) m/p-Xylenes	9.697	106	6162	1.381	ug/l	98
69) o-Xylene	10.102	106	1811	0.413	ug/l	81
71) Bromoform	10.292	173	15353	6.467	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.472	105	9806	2.069	ug/l	100

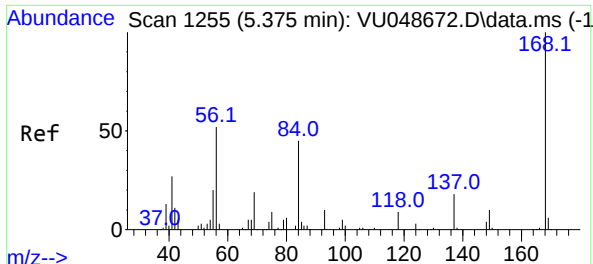
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

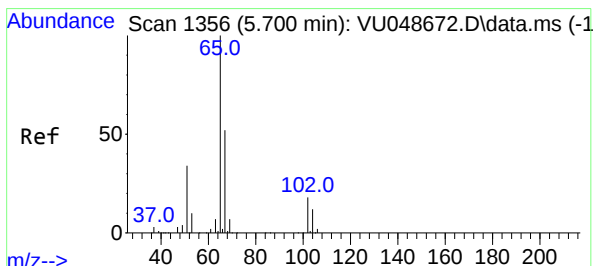
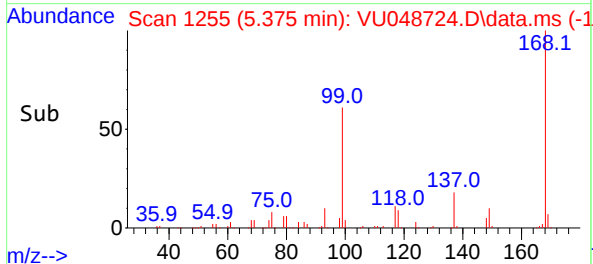
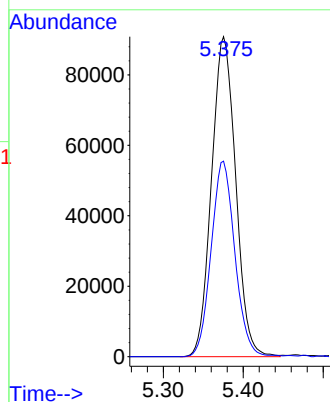
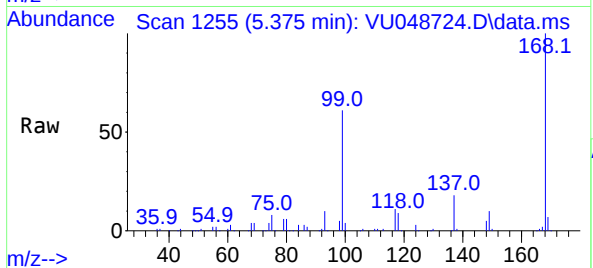




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

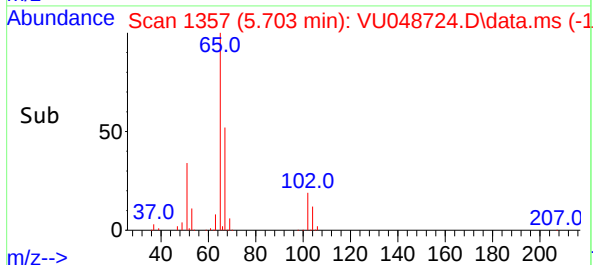
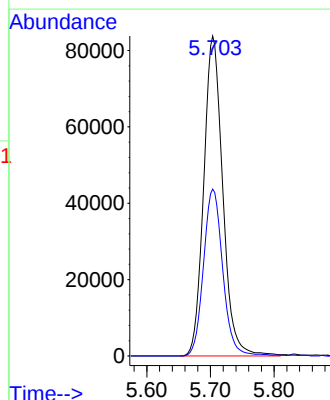
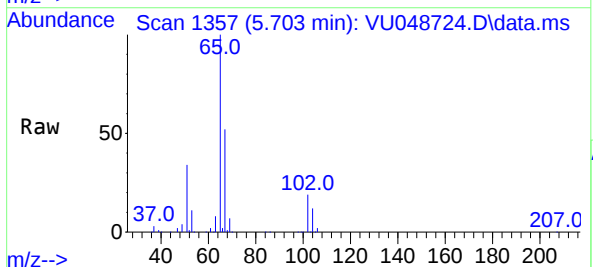
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

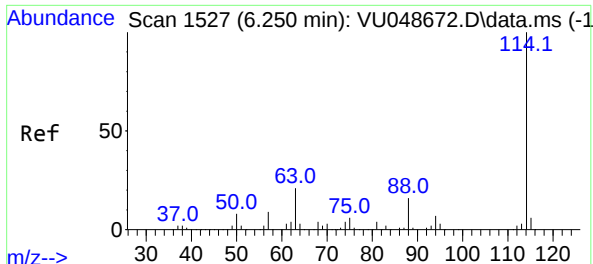
Tgt Ion:168 Resp: 190501
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 60.904 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

Tgt Ion: 65 Resp: 174244
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

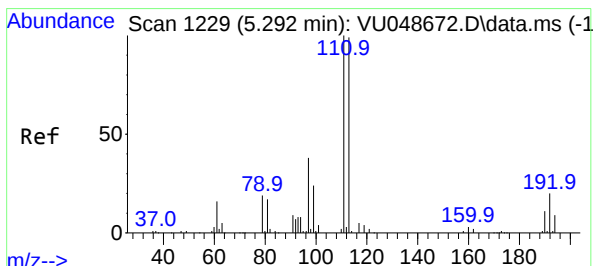
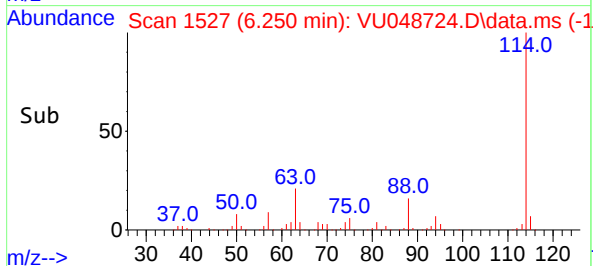
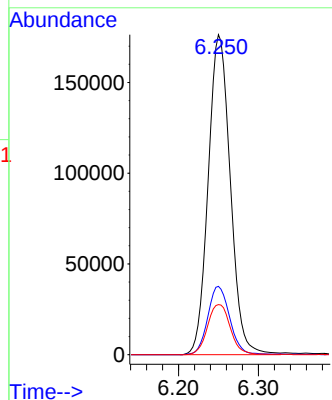
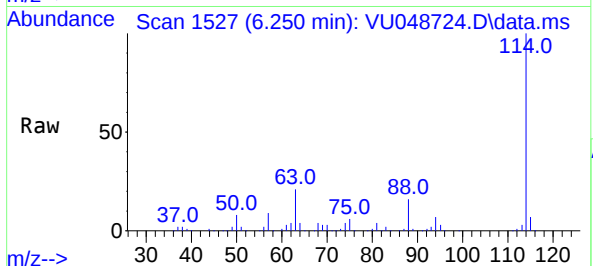




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

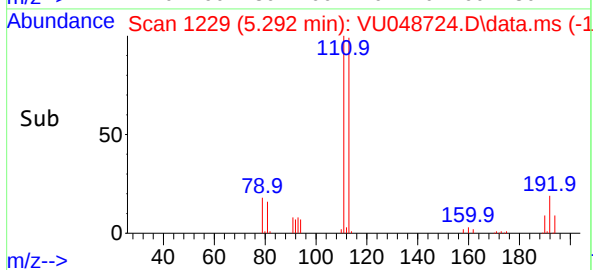
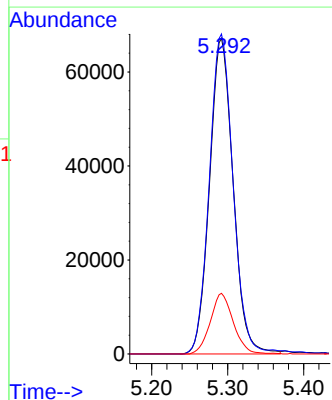
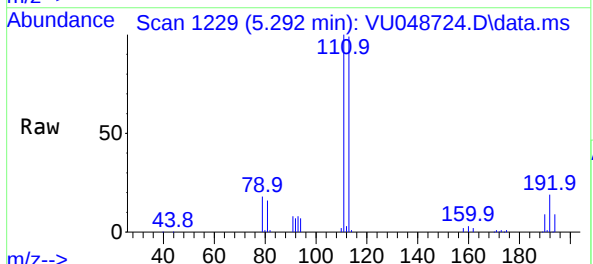
Instrument :
MSVOA_U
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WELL-1

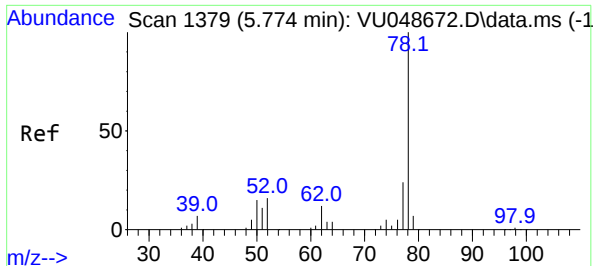
Tgt Ion:114 Resp: 339059
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.6
88 15.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 59.760 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

Tgt Ion:113 Resp: 144555
Ion Ratio Lower Upper
113 100
111 101.6 80.7 121.1
192 18.7 15.9 23.9

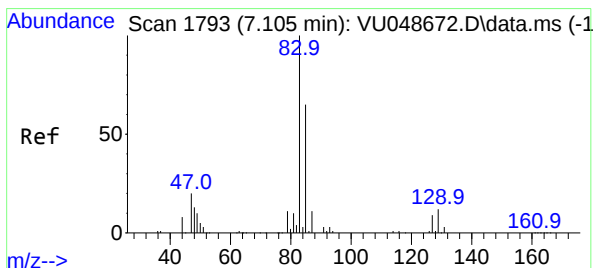
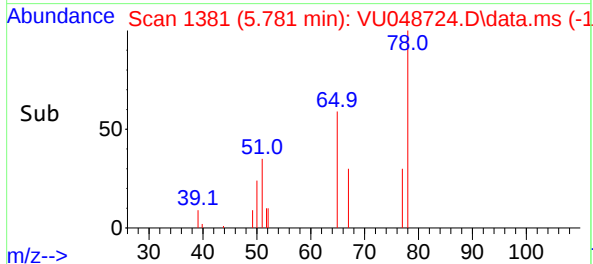
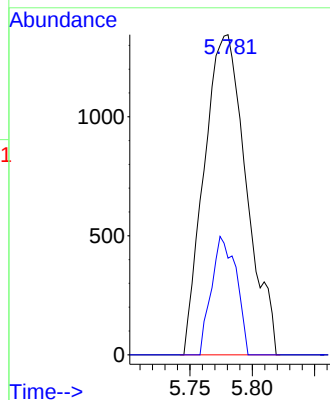
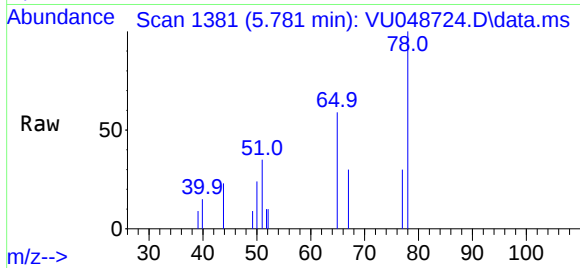




#40
Benzene
Concen: 0.303 ug/l
RT: 5.781 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

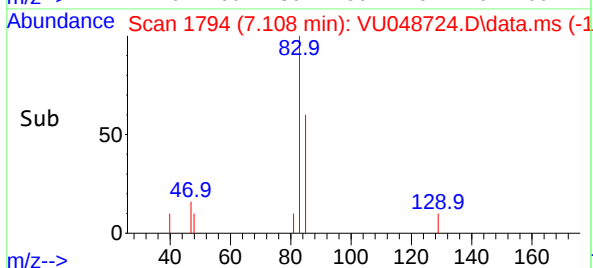
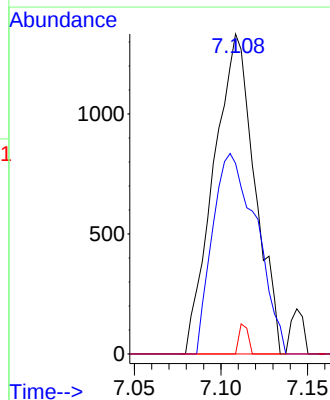
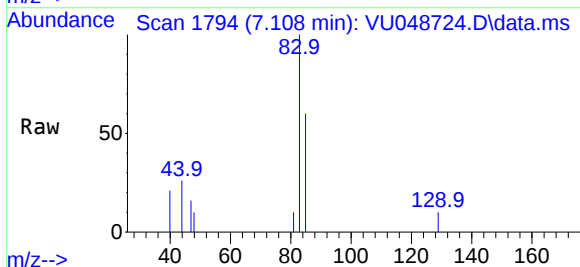
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

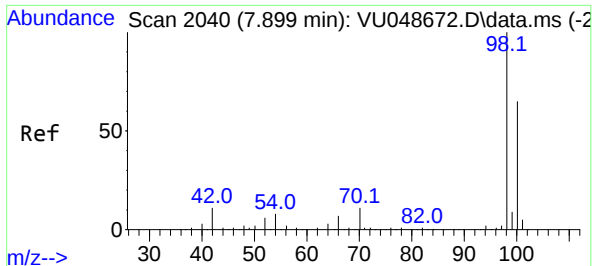
Tgt Ion: 78 Resp: 3155
Ion Ratio Lower Upper
78 100
77 30.2 19.0 28.6#



#47
Bromodichloromethane
Concen: 0.555 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

Tgt Ion: 83 Resp: 2199
Ion Ratio Lower Upper
83 100
85 59.6 52.1 78.1
127 0.0 6.9 10.3#





#50

Toluene-d8

Concen: 43.620 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048724.D

Acq: 28 May 2022 04:22

Instrument :

MSVOA_U

ClientSampleId :

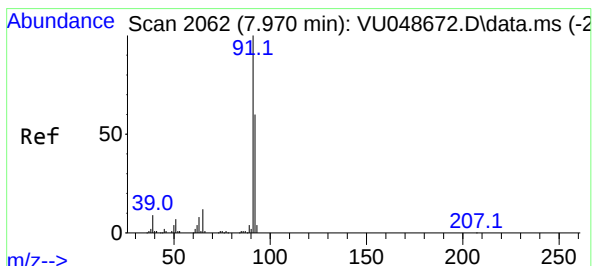
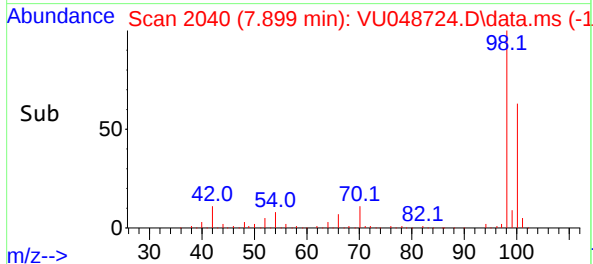
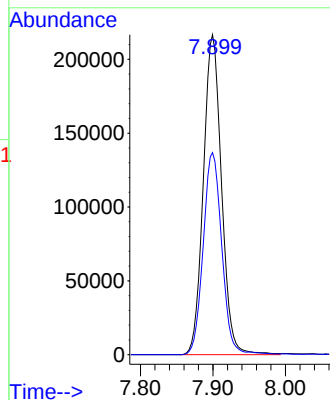
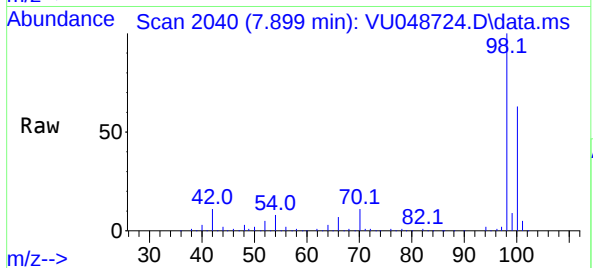
WELL-1

Tgt Ion: 98 Resp: 378231

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.4



#52

Toluene

Concen: 0.290 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU048724.D

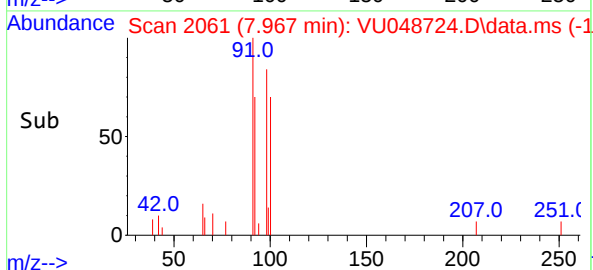
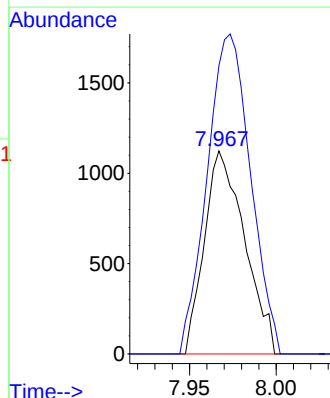
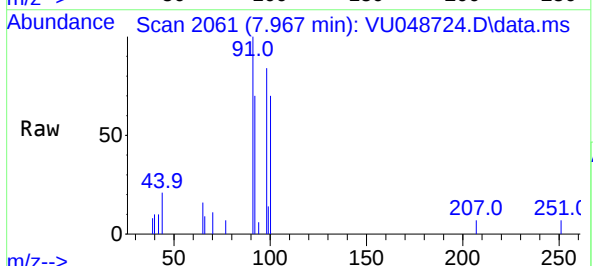
Acq: 28 May 2022 04:22

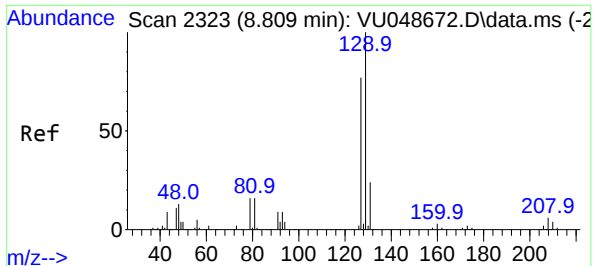
Tgt Ion: 92 Resp: 1810

Ion Ratio Lower Upper

92 100

91 170.7 135.0 202.4

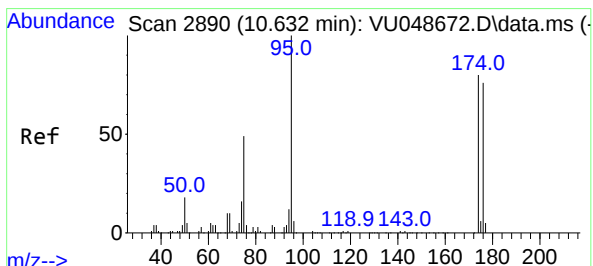
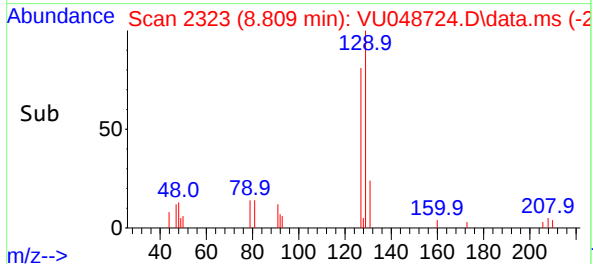
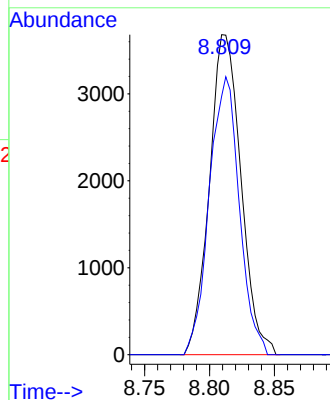
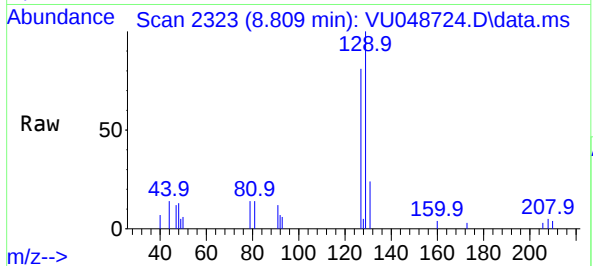




#60
Dibromochloromethane
Concen: 2.015 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

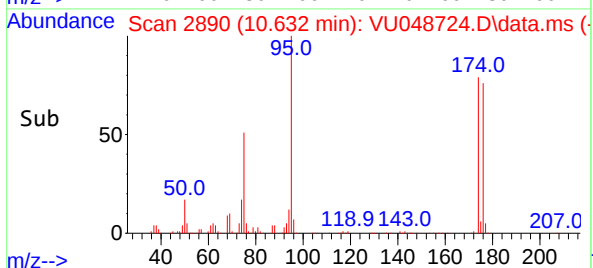
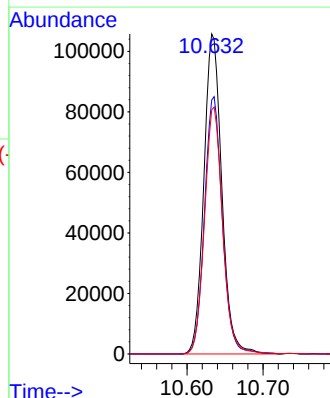
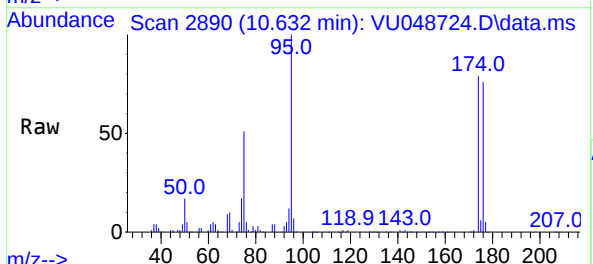
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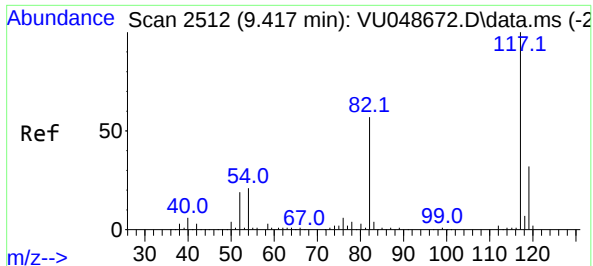
Tgt Ion:129 Resp: 6215
Ion Ratio Lower Upper
129 100
127 82.6 38.5 115.3



#62
4-Bromofluorobenzene
Concen: 52.839 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

Tgt Ion: 95 Resp: 173273
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.4
176 77.6 0.0 152.4

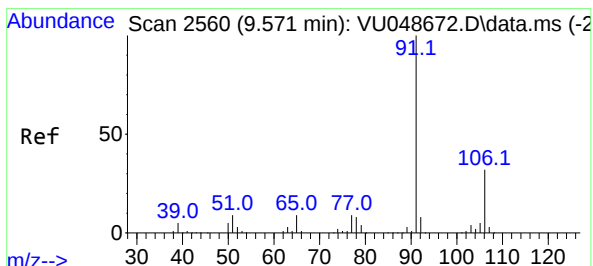
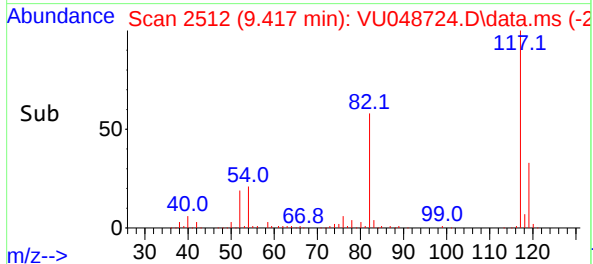
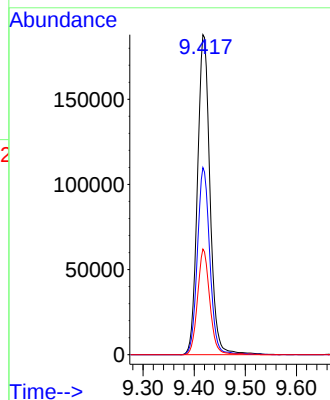
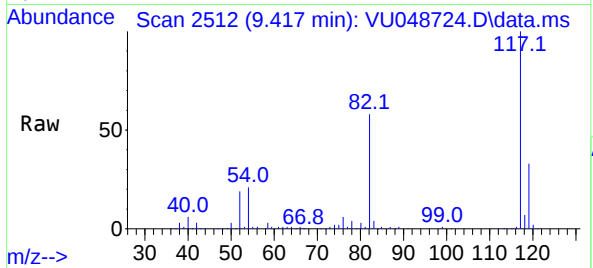




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

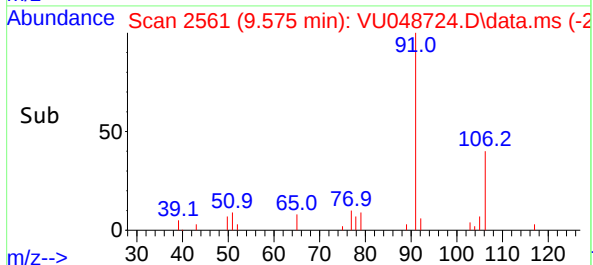
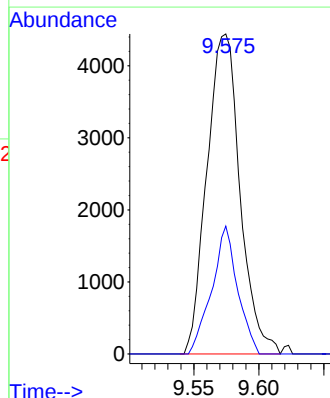
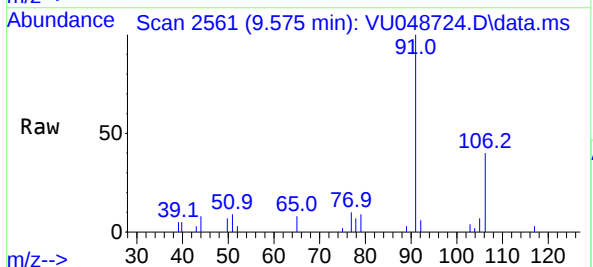
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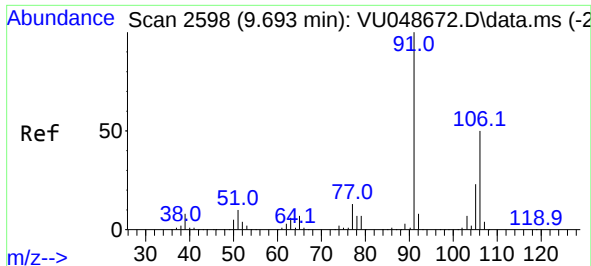
Tgt Ion:117 Resp: 319820
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 33.0 25.4 38.2



#67
Ethyl Benzene
Concen: 0.690 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

Tgt Ion: 91 Resp: 7877
Ion Ratio Lower Upper
91 100
106 39.9 25.4 38.2#

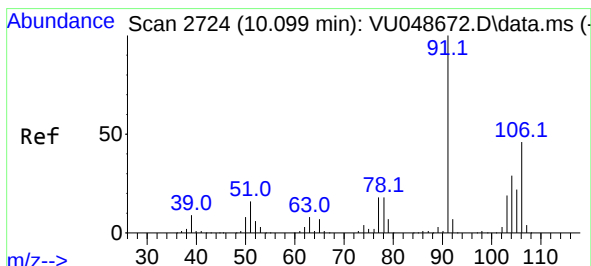
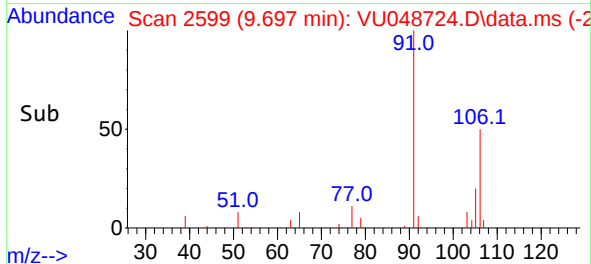
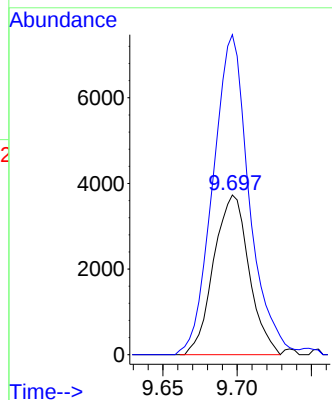
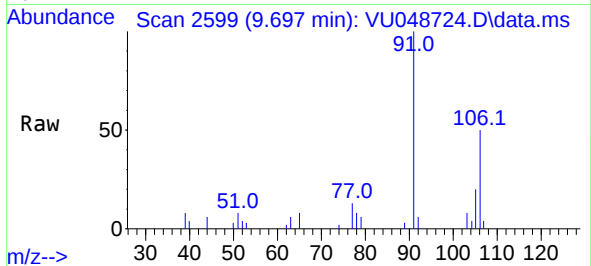




#68
m/p-Xylenes
Concen: 1.381 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

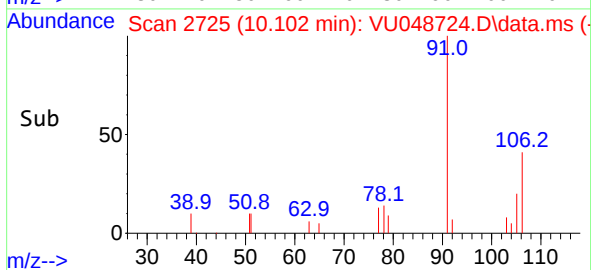
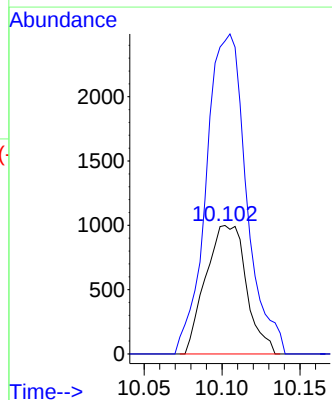
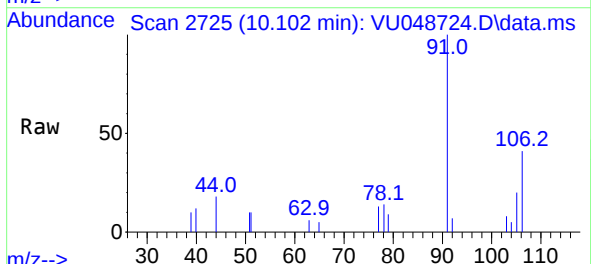
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

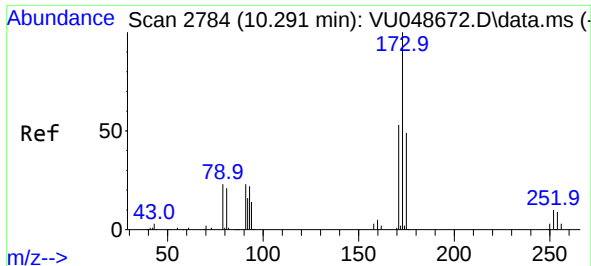
Tgt Ion:106 Resp: 6162
Ion Ratio Lower Upper
106 100
91 206.3 162.4 243.6



#69
o-Xylene
Concen: 0.413 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

Tgt Ion:106 Resp: 1811
Ion Ratio Lower Upper
106 100
91 246.2 107.7 323.3

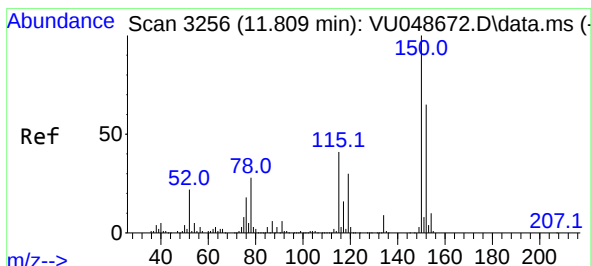
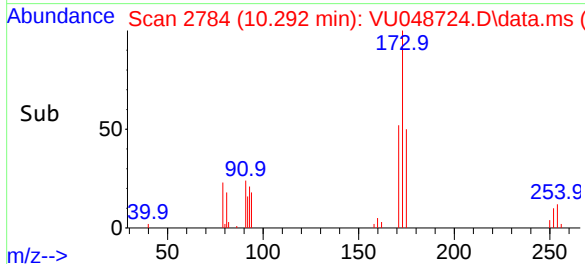
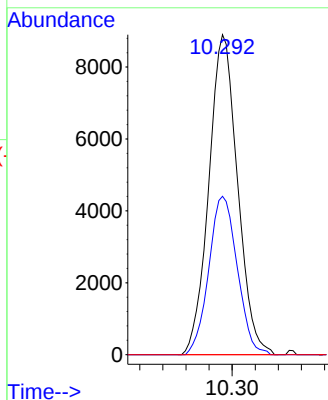
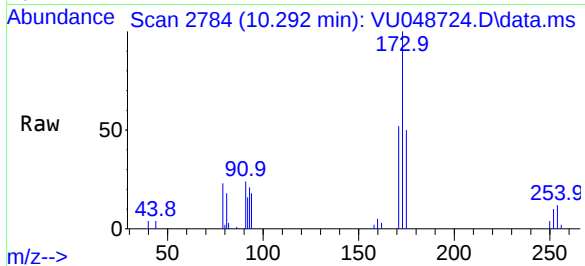




#71
Bromoform
Concen: 6.467 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

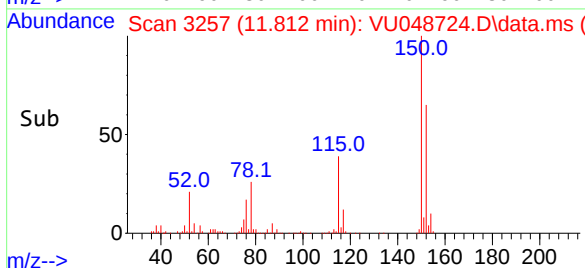
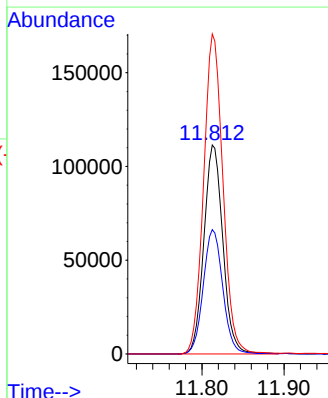
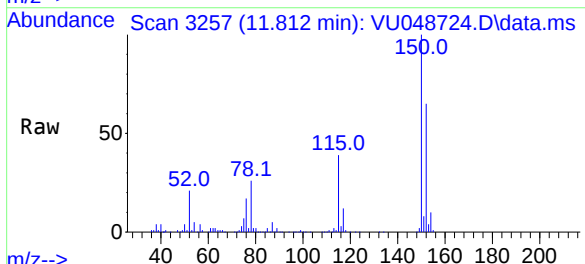
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

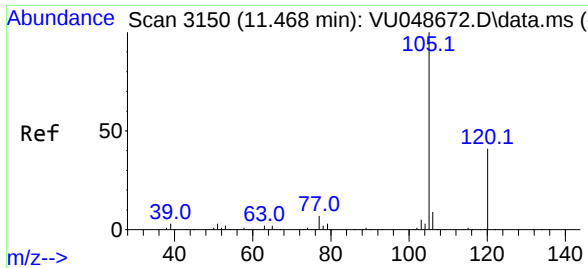
Tgt Ion:	173	Resp:	15353
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.5	73.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048724.D
Acq: 28 May 2022 04:22

Tgt Ion:	152	Resp:	179328
Ion Ratio	Lower	Upper	
152	100		
115	60.9	41.8	125.4
150	155.8	0.0	341.0





#84
 1,2,4-Trimethylbenzene
 Concen: 2.069 ug/l
 RT: 11.472 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: VU048724.D
 Acq: 28 May 2022 04:22

Instrument :
 MSVOA_U
 ClientSampleId :
 WELL-1

Tgt Ion:	105	Resp:	9806
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.5	67.5

