

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048699.D
 Acq On : 27 May 2022 17:25
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: May 28 00:21:54 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)

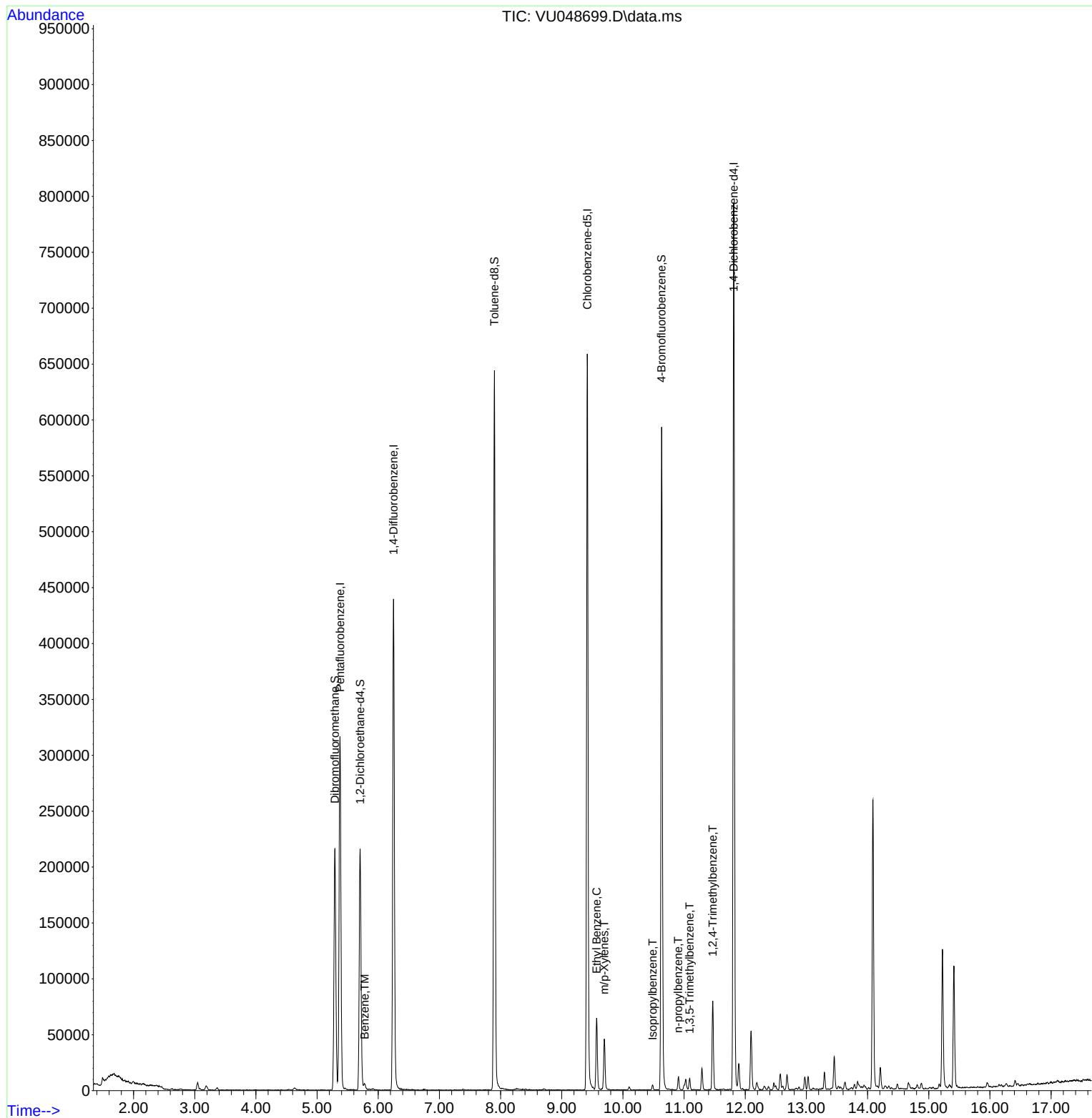
Internal Standards						
1) Pentafluorobenzene	5.375	168	217957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	360728	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	374887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	212790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	167819	51.269	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.540%		
35) Dibromofluoromethane	5.292	113	139411	54.171	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.340%		
50) Toluene-d8	7.899	98	432541	46.887	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 93.780%		
62) 4-Bromofluorobenzene	10.632	95	199965	57.315	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.640%		
Target Compounds						
						Qvalue
40) Benzene	5.777	78	4148	0.374	ug/l	# 89
67) Ethyl Benzene	9.571	91	44860	3.355	ug/l	97
68) m/p-Xylenes	9.697	106	12914	2.469	ug/l	96
73) Isopropylbenzene	10.484	105	3229	0.235	ug/l	99
78) n-propylbenzene	10.906	91	8919	0.545	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	5842	0.489	ug/l	96
84) 1,2,4-Trimethylbenzene	11.468	105	44721	4.578	ug/l	97

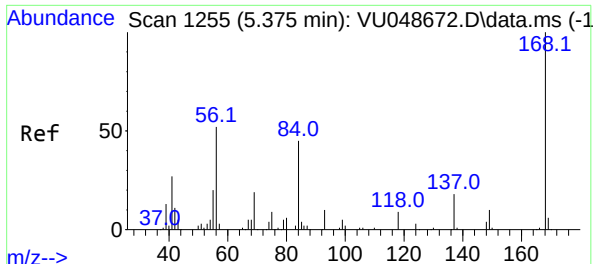
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

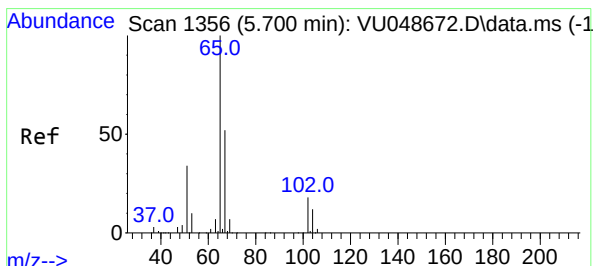
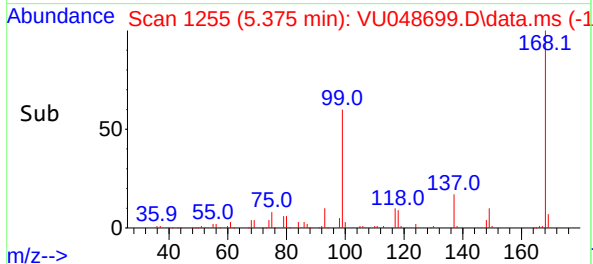
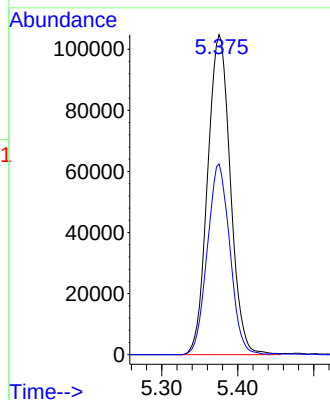
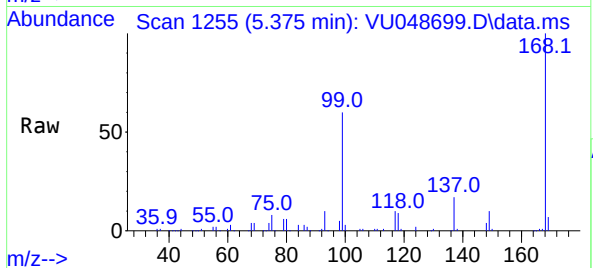




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

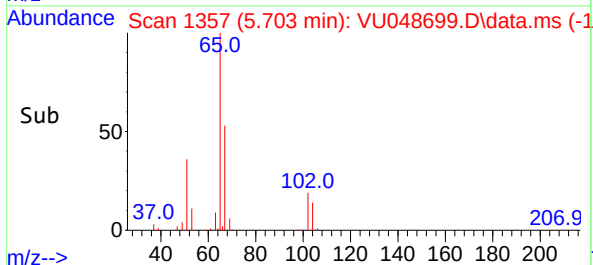
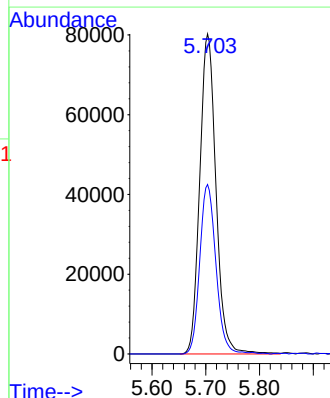
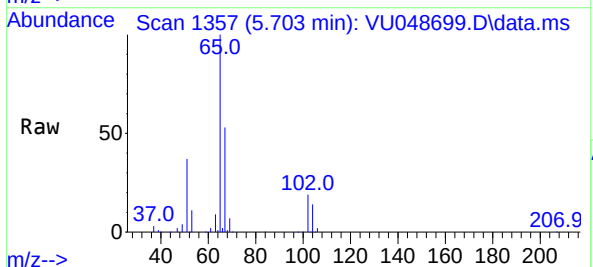
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

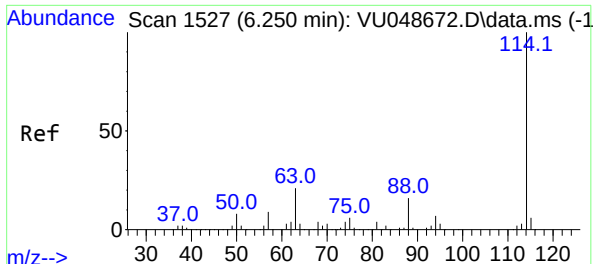
Tgt Ion:168 Resp: 217957
Ion Ratio Lower Upper
168 100
99 59.6 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 51.269 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

Tgt Ion: 65 Resp: 167819
Ion Ratio Lower Upper
65 100
67 52.7 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: VU048699.D

Acq: 27 May 2022 17:25

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

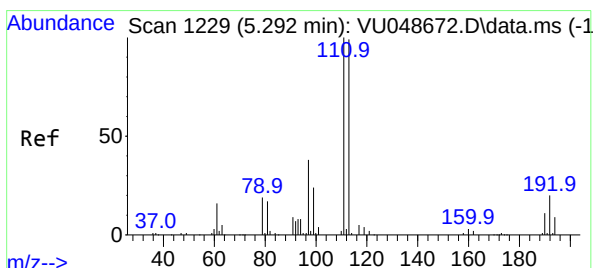
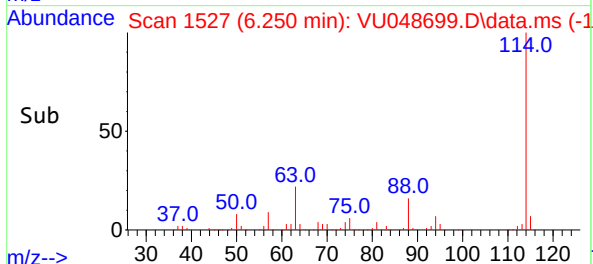
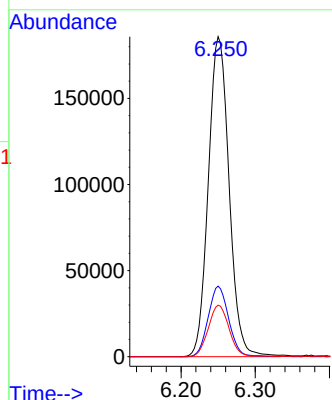
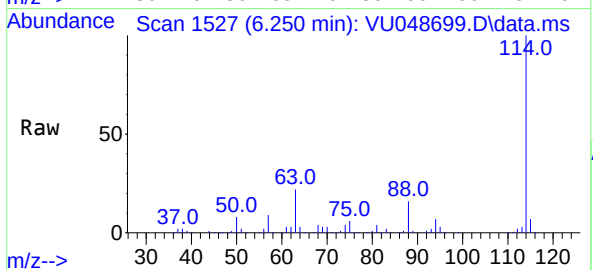
Tgt Ion:114 Resp: 360728

Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.6

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 54.171 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU048699.D

Acq: 27 May 2022 17:25

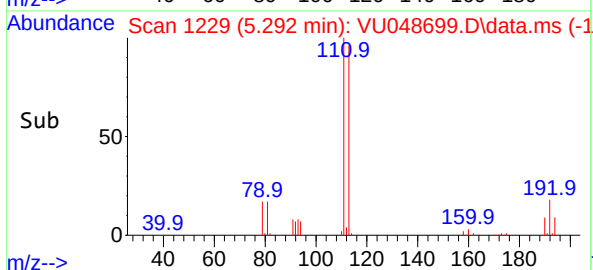
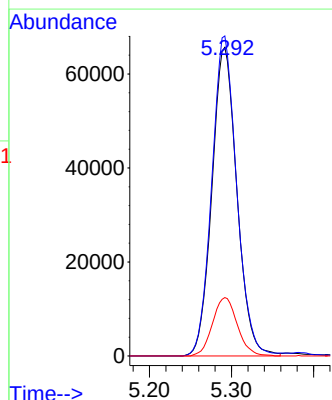
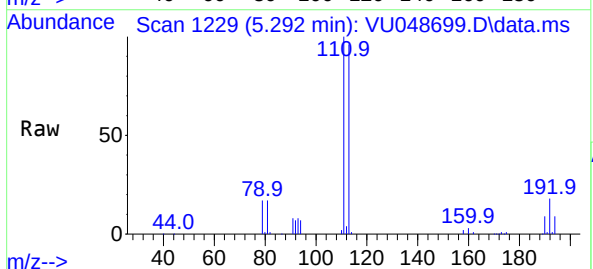
Tgt Ion:113 Resp: 139411

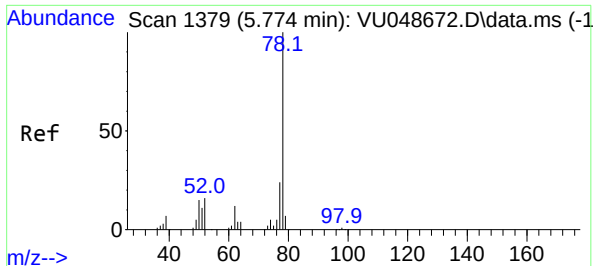
Ion Ratio Lower Upper

113 100

111 103.1 80.7 121.1

192 18.8 15.9 23.9

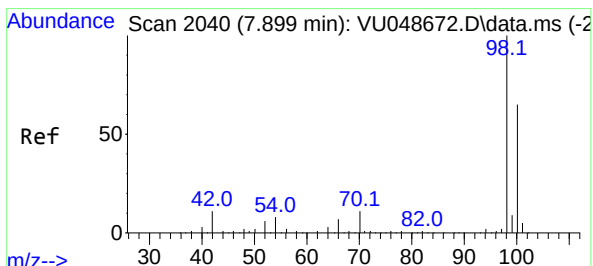
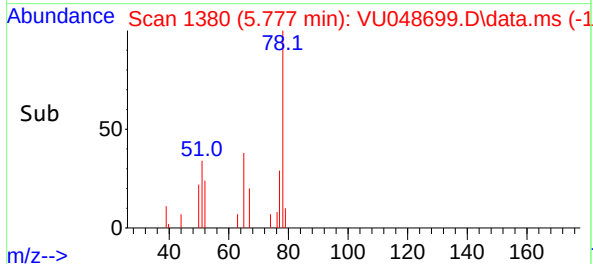
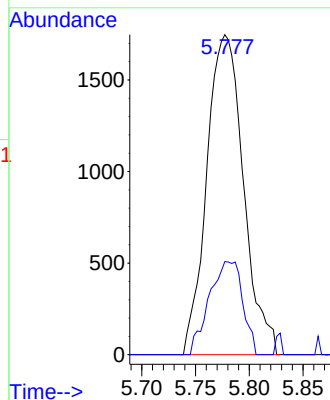
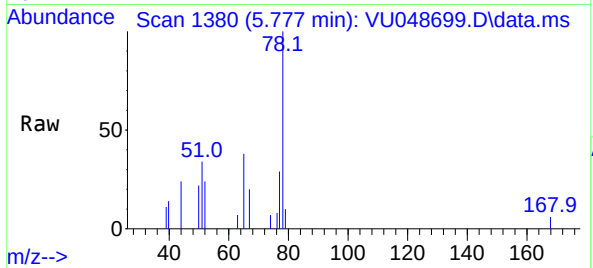




#40
Benzene
Concen: 0.374 ug/l
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

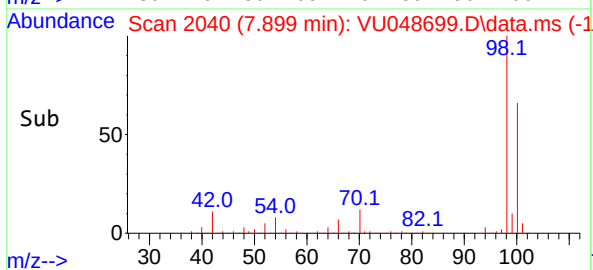
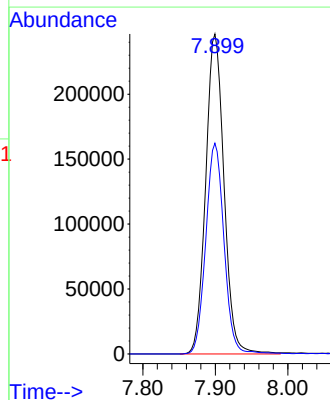
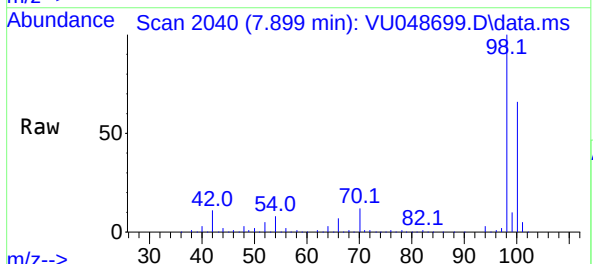
Instrument :
MSVOA_U
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VIBLK

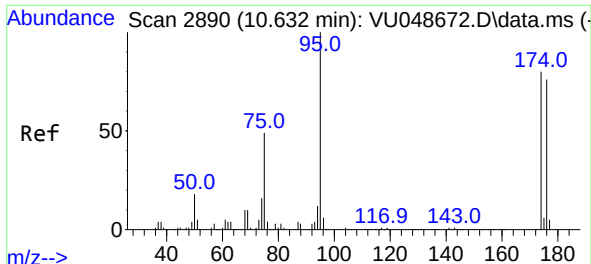
Tgt Ion: 78 Resp: 4148
Ion Ratio Lower Upper
78 100
77 29.1 19.0 28.6#



#50
Toluene-d8
Concen: 46.887 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

Tgt Ion: 98 Resp: 432541
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

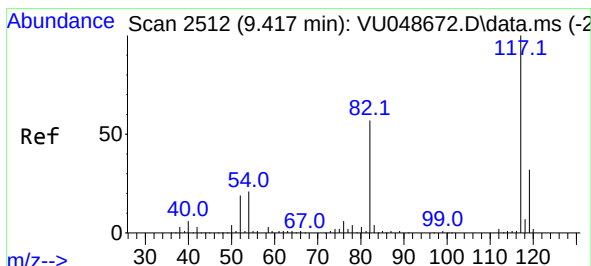
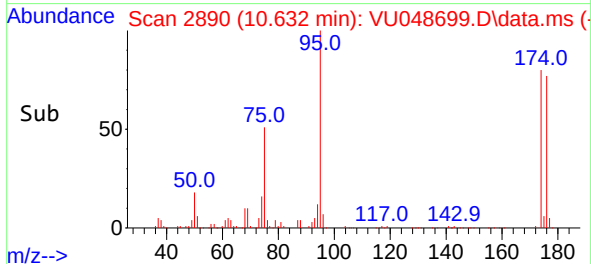
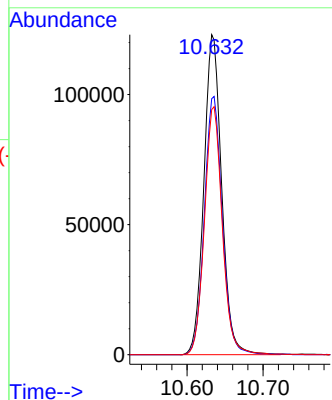
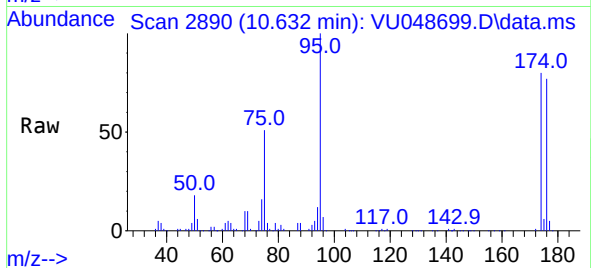




#62
4-Bromofluorobenzene
Concen: 57.315 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

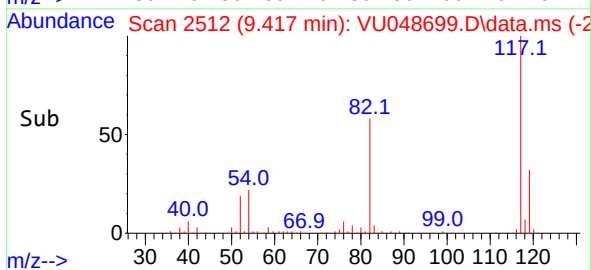
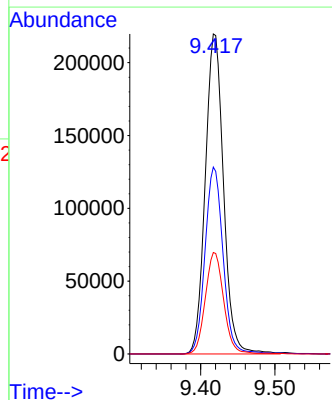
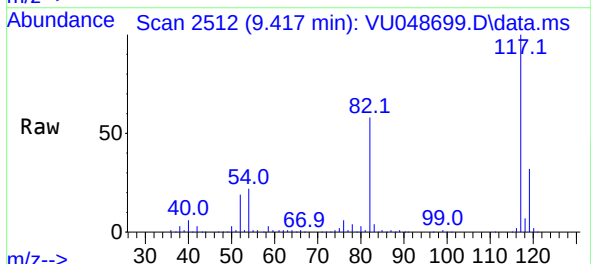
Instrument :
MSVOA_U
ClientSampleId :
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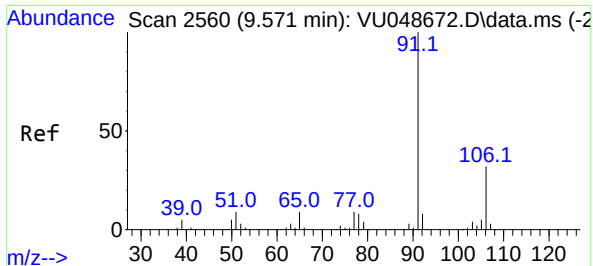
Tgt Ion: 95 Resp: 199965
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.4
176 77.8 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

Tgt Ion: 117 Resp: 374887
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 31.7 25.4 38.2

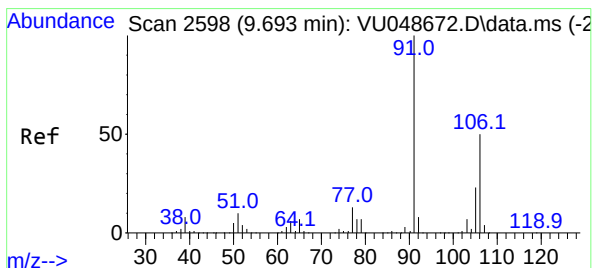
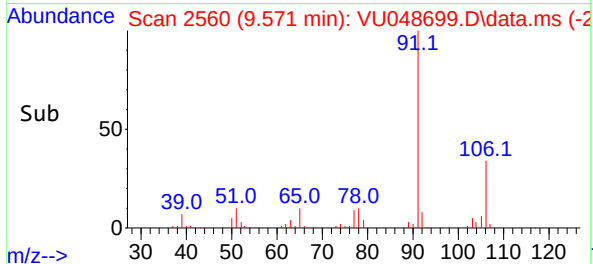
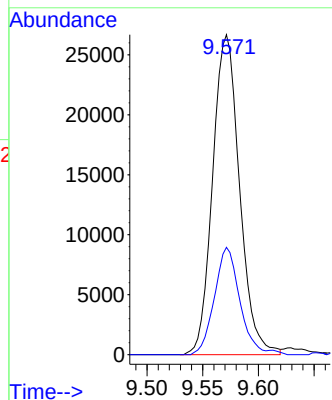
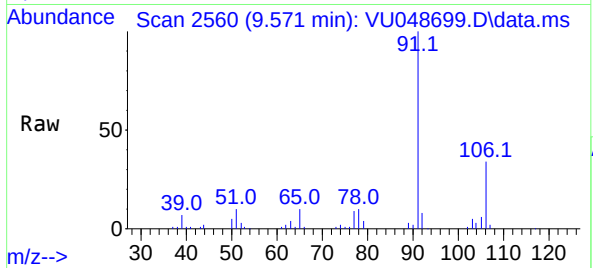




#67
Ethyl Benzene
Concen: 3.355 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

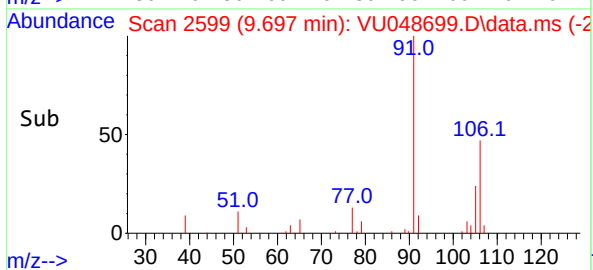
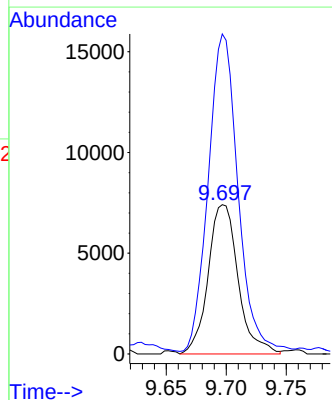
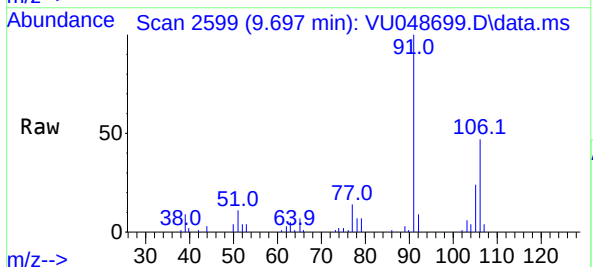
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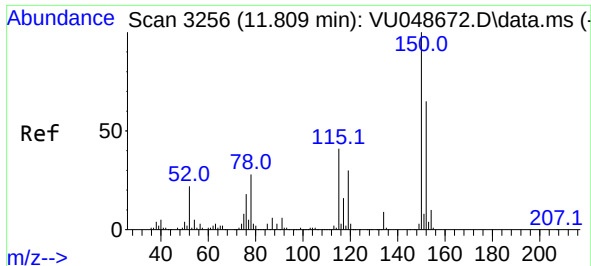
Tgt Ion: 91 Resp: 44860
Ion Ratio Lower Upper
91 100
106 33.5 25.4 38.2



#68
m/p-Xylenes
Concen: 2.469 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

Tgt Ion: 106 Resp: 12914
Ion Ratio Lower Upper
106 100
91 209.1 162.4 243.6

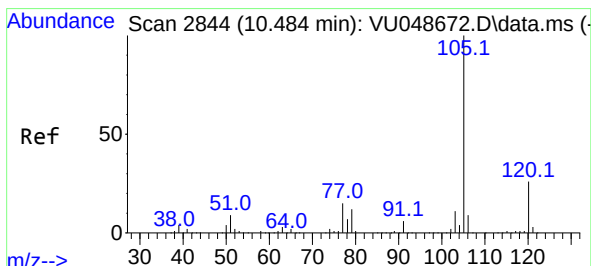
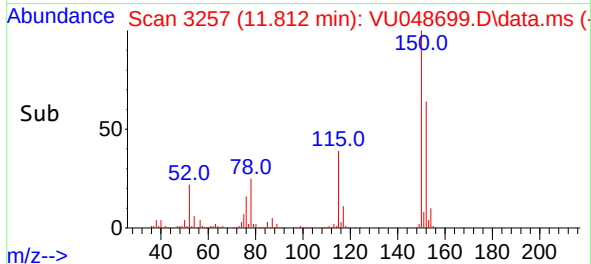
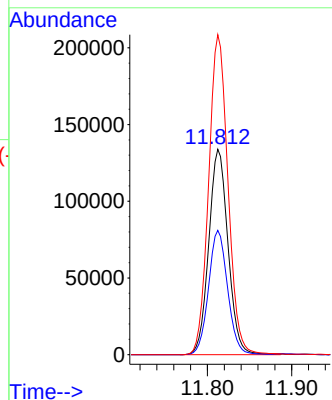
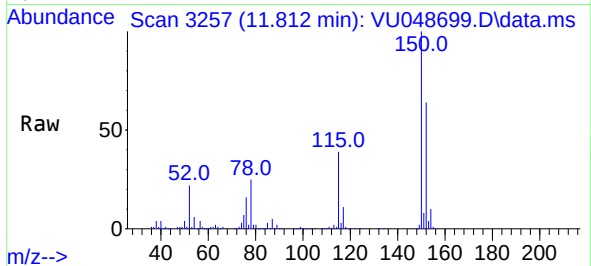




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

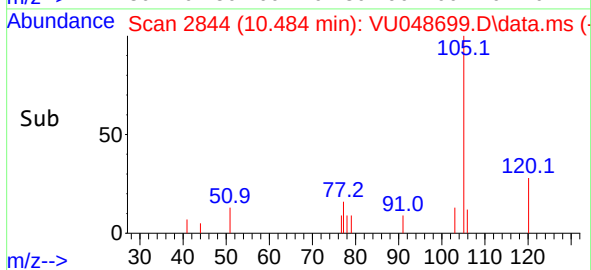
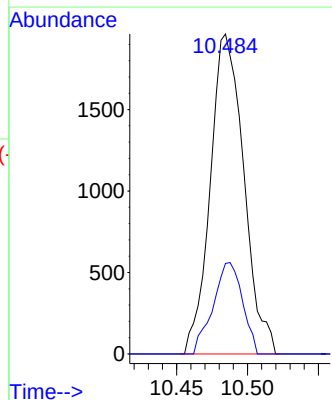
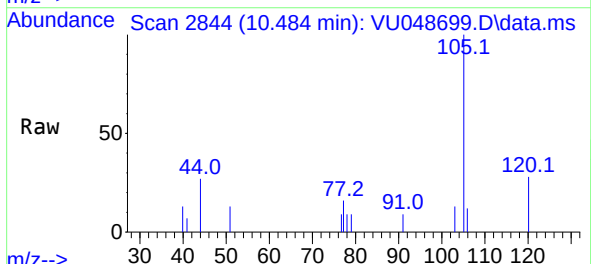
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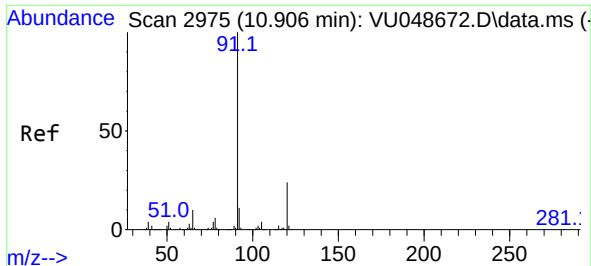
Tgt Ion:152 Resp: 212790
Ion Ratio Lower Upper
152 100
115 59.9 41.8 125.4
150 156.4 0.0 341.0



#73
Isopropylbenzene
Concen: 0.235 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

Tgt Ion:105 Resp: 3229
Ion Ratio Lower Upper
105 100
120 25.0 12.9 38.6

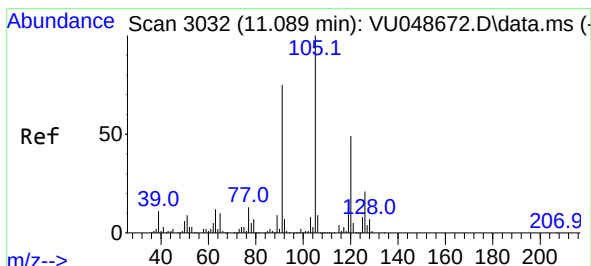
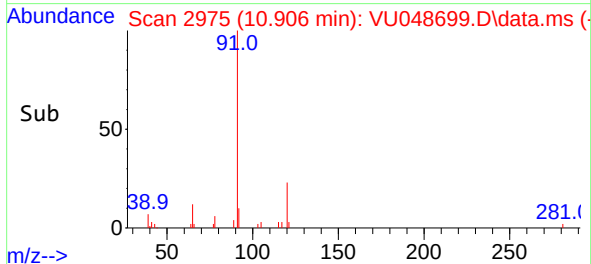
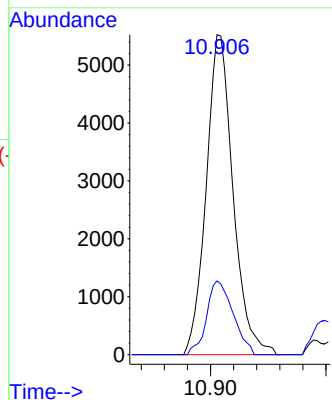
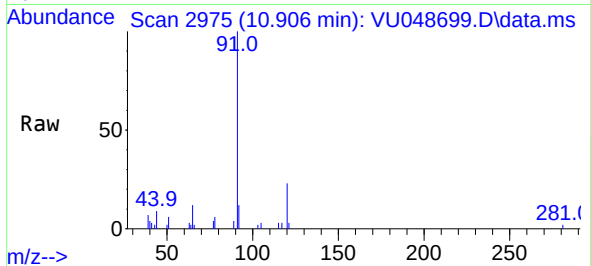




#78
n-propylbenzene
Concen: 0.545 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

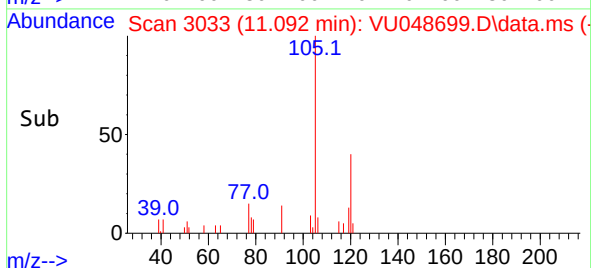
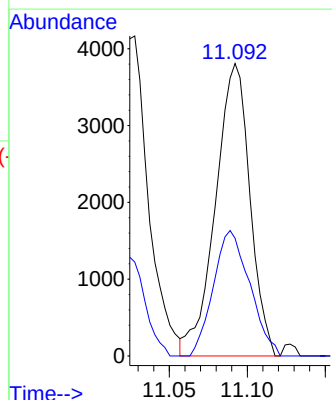
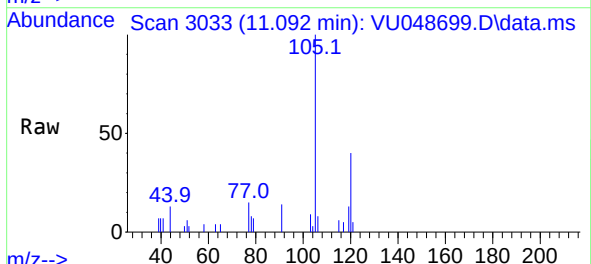
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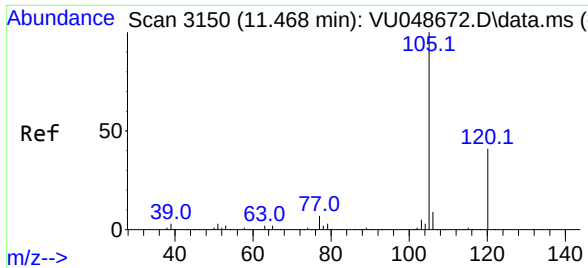
Tgt Ion: 91 Resp: 8919
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 0.489 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

Tgt Ion: 105 Resp: 5842
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 4.578 ug/l
RT: 11.468 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048699.D
Acq: 27 May 2022 17:25

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 44721
Ion Ratio Lower Upper
105 100
120 43.0 22.5 67.5

