

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048744.D
 Acq On : 31 May 2022 17:31
 Operator : SY/MD
 Sample : N3033-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-22

Quant Time: Jun 01 02:19:19 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)

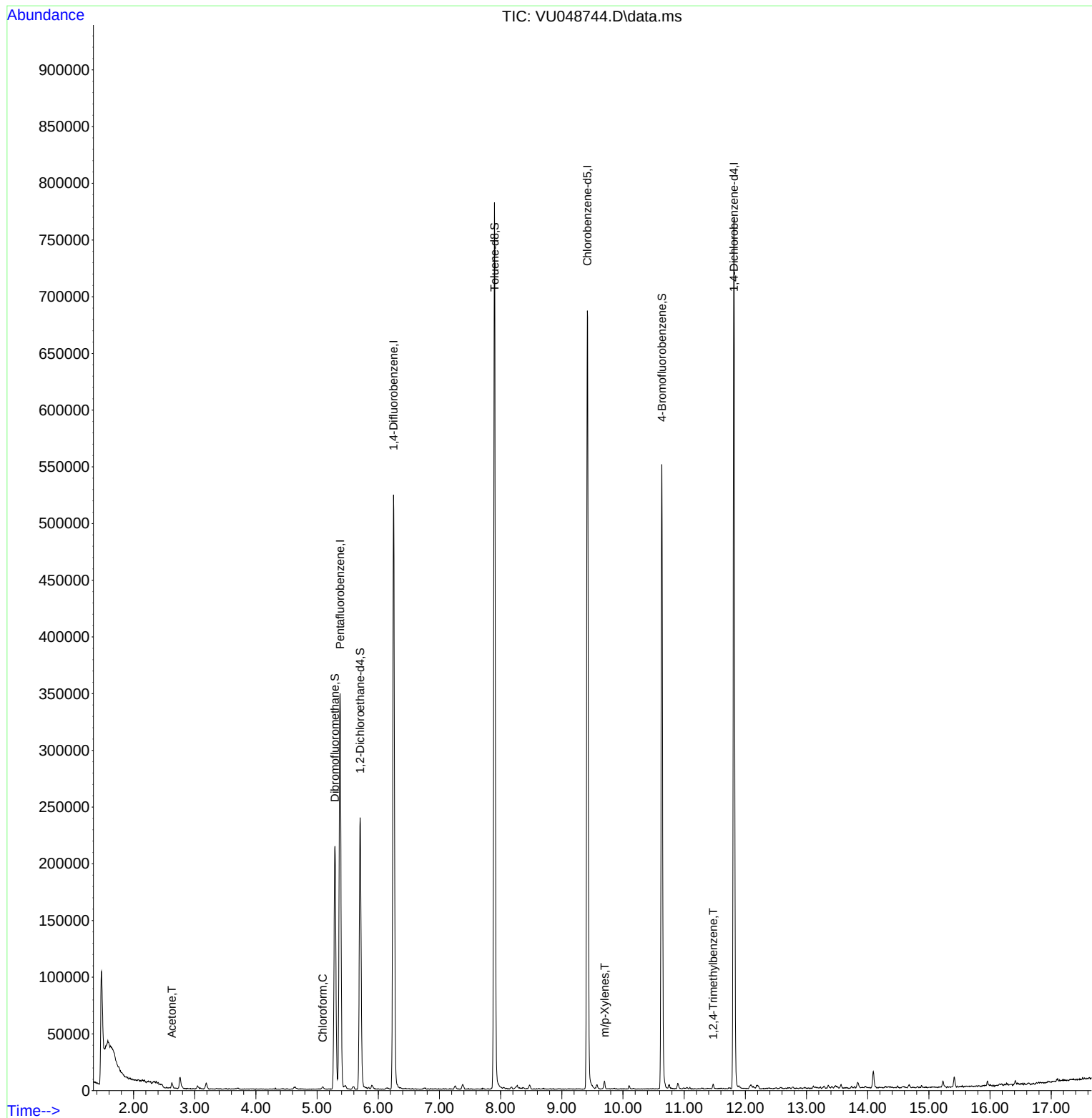
Internal Standards						
1) Pentafluorobenzene	5.376	168	237452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	423878	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	392936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	201027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	185378	51.984	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.960%
35) Dibromofluoromethane	5.292	113	139767	46.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	7.900	98	512015	47.233	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	10.636	95	190779	46.536	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%
Target Compounds						
						Qvalue
16) Acetone	2.626	43	5191	2.856	ug/l	95
30) Chloroform	5.093	83	1908	0.352	ug/l	94
68) m/p-Xylenes	9.700	106	2207	0.403	ug/l	94
84) 1,2,4-Trimethylbenzene	11.475	105	2502	1.388	ug/l	99

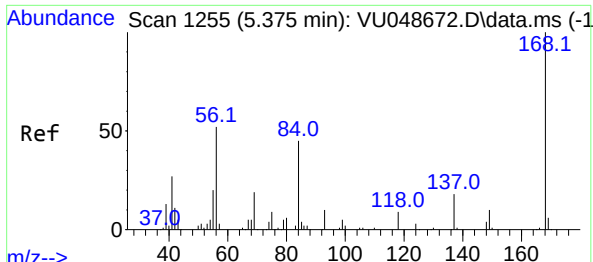
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

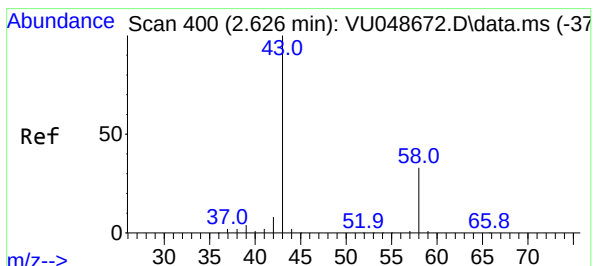
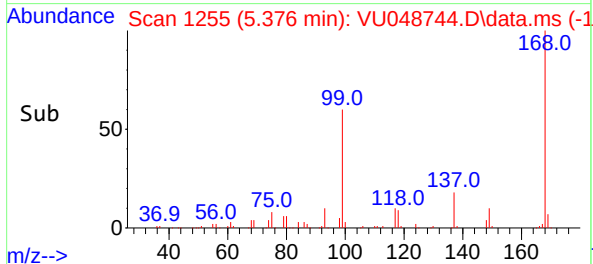
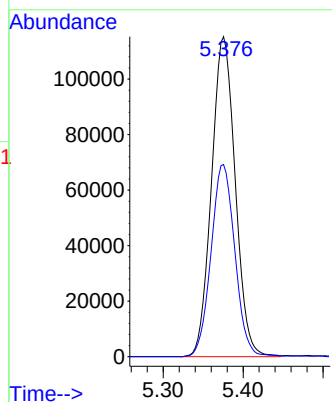
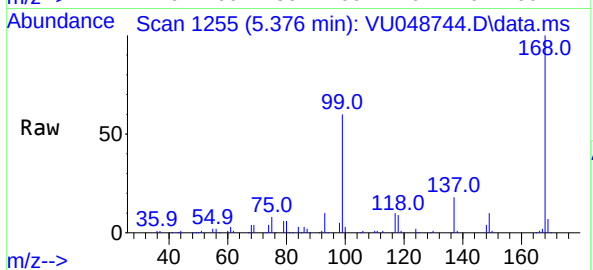




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU048744.D
Acq: 31 May 2022 17:31

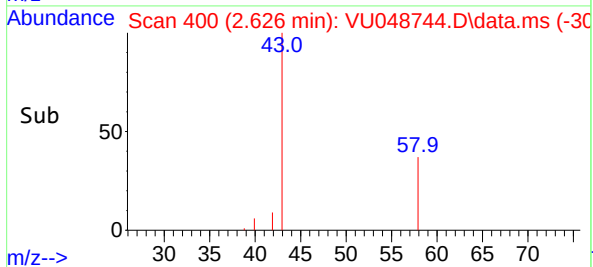
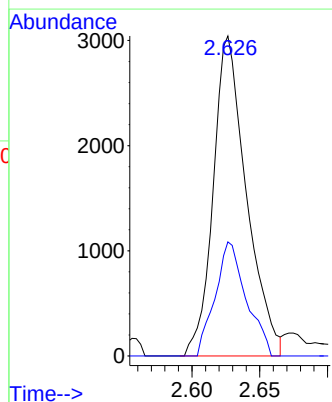
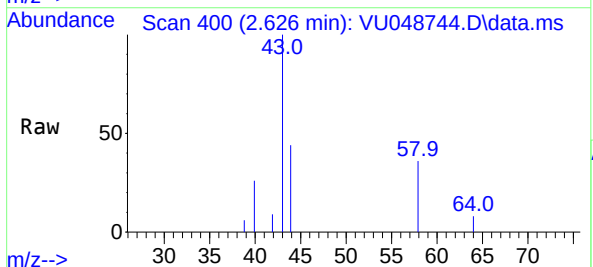
Instrument :
MSVOA_U
ClientSampleId :
TW-22

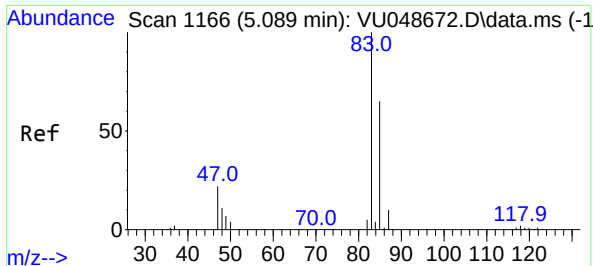
Tgt Ion:168 Resp: 237452
Ion Ratio Lower Upper
168 100
99 60.1 49.3 73.9



#16
Acetone
Concen: 2.856 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048744.D
Acq: 31 May 2022 17:31

Tgt Ion: 43 Resp: 5191
Ion Ratio Lower Upper
43 100
58 35.7 26.3 39.5

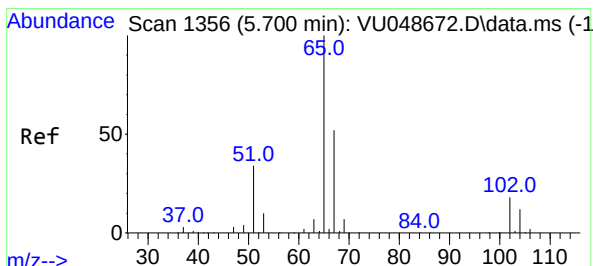
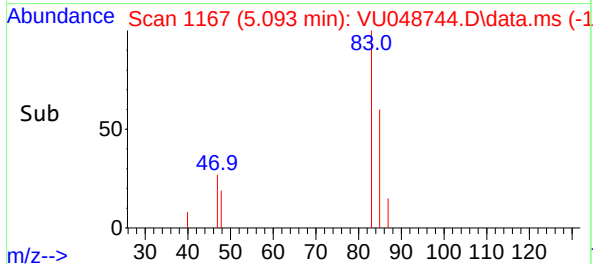
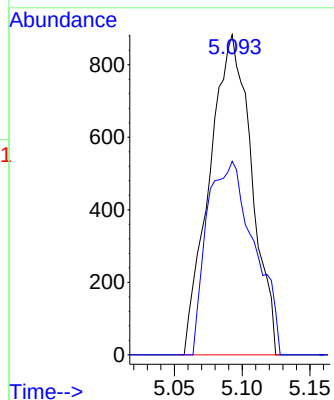
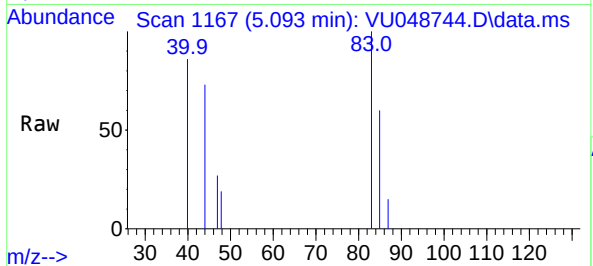




#30
Chloroform
Concen: 0.352 ug/l
RT: 5.093 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU048744.D
Acq: 31 May 2022 17:31

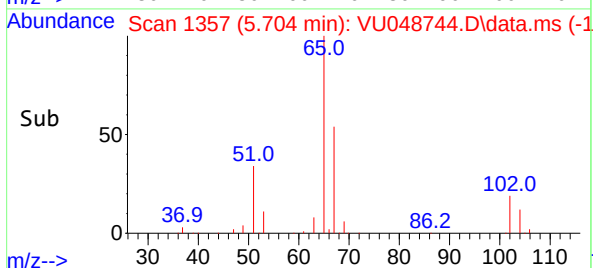
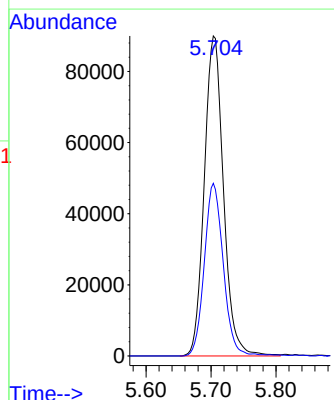
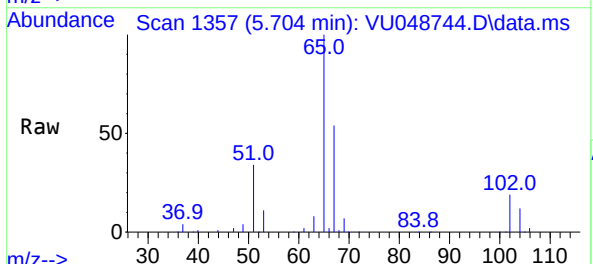
Instrument :
MSVOA_U
ClientSampleId :
TW-22

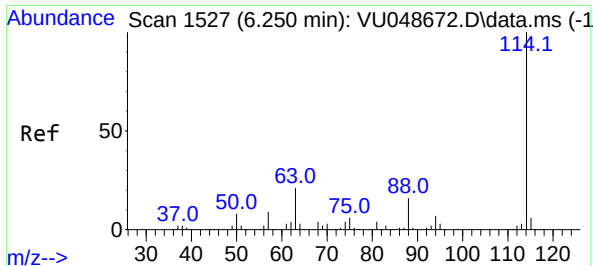
Tgt Ion: 83 Resp: 1908
Ion Ratio Lower Upper
83 100
85 60.5 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 51.984 ug/l
RT: 5.704 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048744.D
Acq: 31 May 2022 17:31

Tgt Ion: 65 Resp: 185378
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

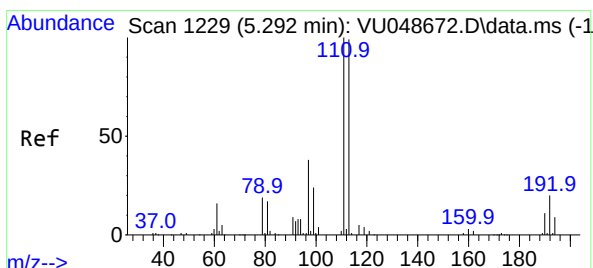
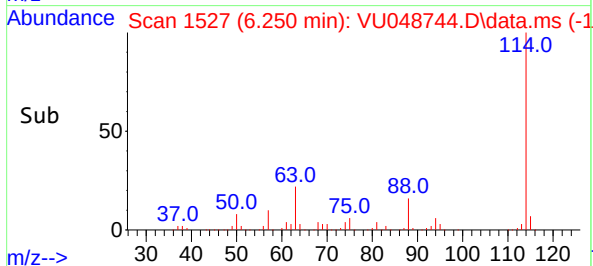
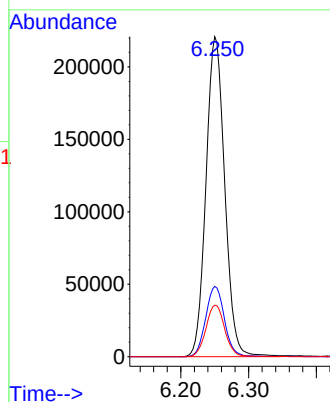
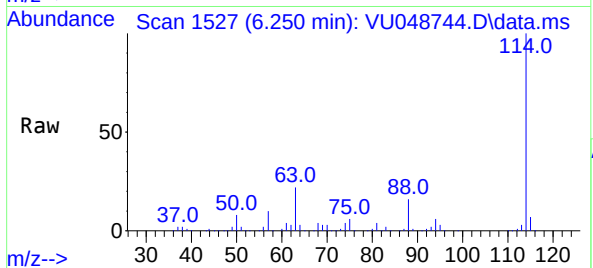




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048744.D
Acq: 31 May 2022 17:31

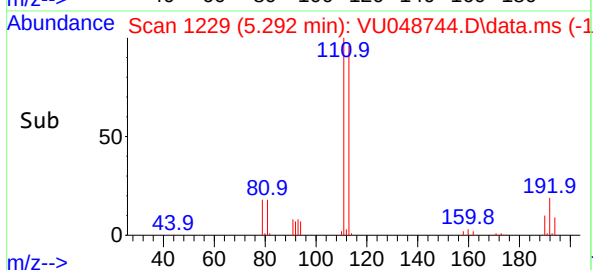
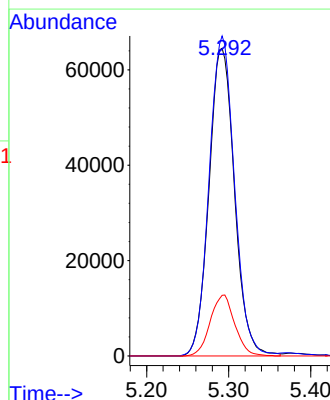
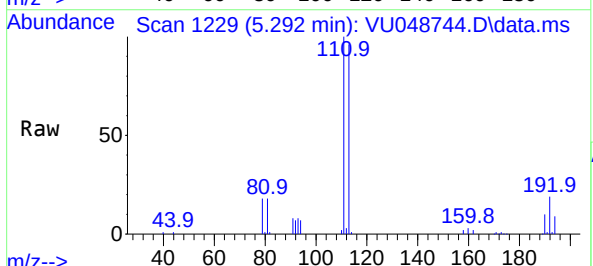
Instrument :
MSVOA_U
ClientSampleId :
TW-22

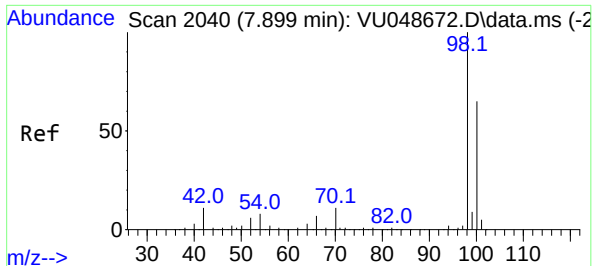
Tgt Ion:114 Resp: 423878
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.6
88 16.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.219 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048744.D
Acq: 31 May 2022 17:31

Tgt Ion:113 Resp: 139767
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 19.0 15.9 23.9

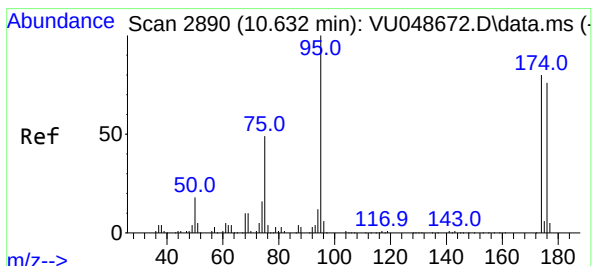
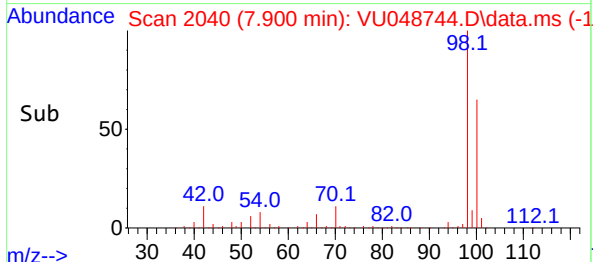
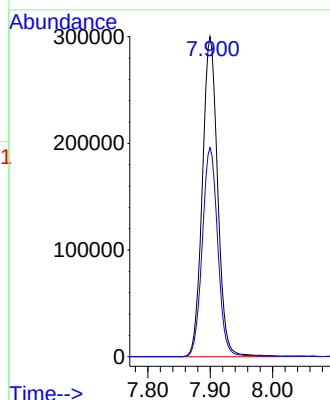
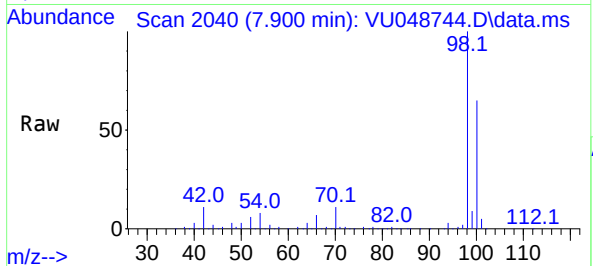




#50
Toluene-d8
Concen: 47.233 ug/l
RT: 7.900 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048744.D
Acq: 31 May 2022 17:31

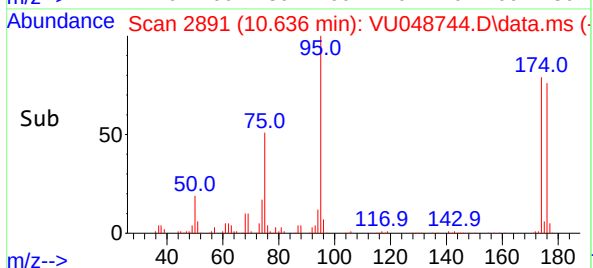
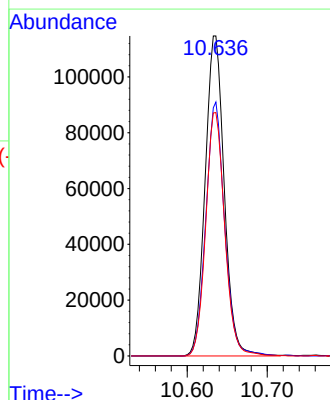
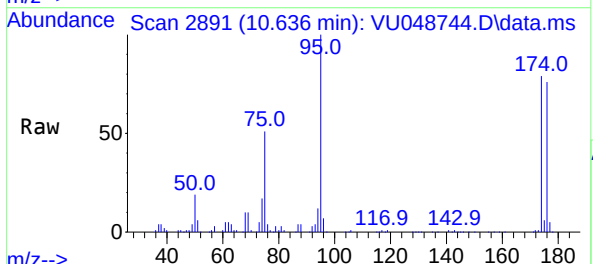
Instrument :
MSVOA_U
ClientSampleId :
TW-22

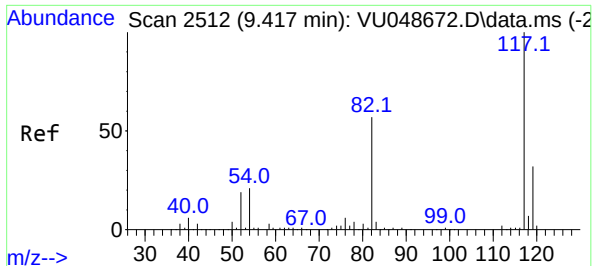
Tgt Ion: 98 Resp: 512015
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.536 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU048744.D
Acq: 31 May 2022 17:31

Tgt Ion: 95 Resp: 190779
Ion Ratio Lower Upper
95 100
174 78.1 0.0 159.4
176 75.6 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: VU048744.D

Acq: 31 May 2022 17:31

Instrument :

MSVOA_U

ClientSampleId :

TW-22

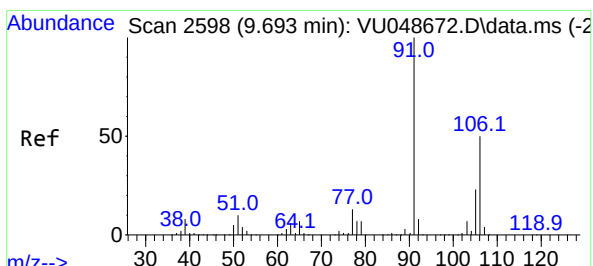
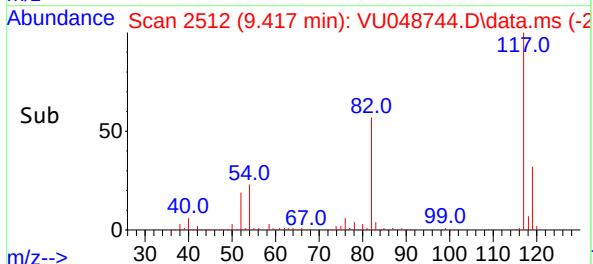
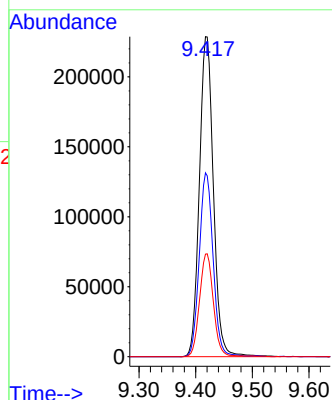
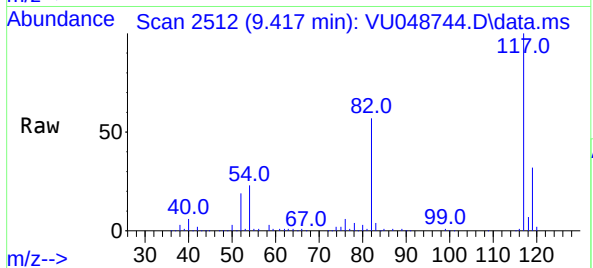
Tgt Ion:117 Resp: 392936

Ion Ratio Lower Upper

117 100

82 57.4 45.3 67.9

119 32.1 25.4 38.2



#68

m/p-Xylenes

Concen: 0.403 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.007 min

Lab File: VU048744.D

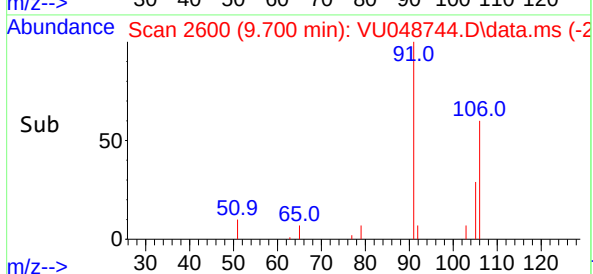
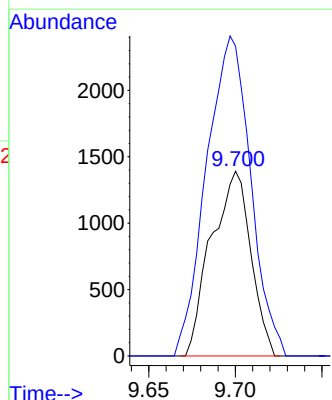
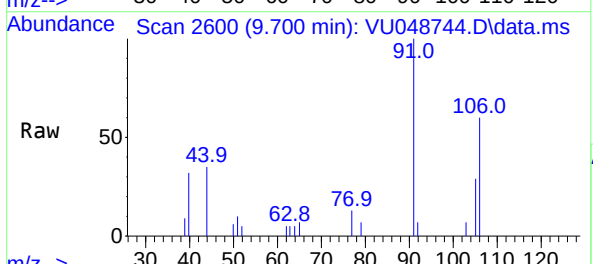
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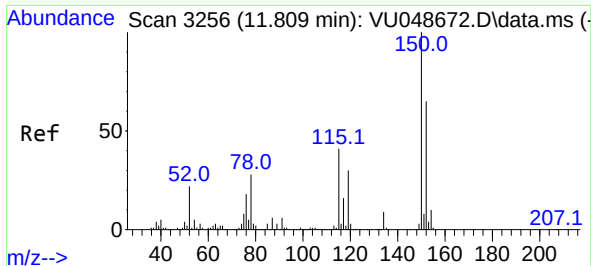
Tgt Ion:106 Resp: 2207

Ion Ratio Lower Upper

106 100

91 193.4 162.4 243.6

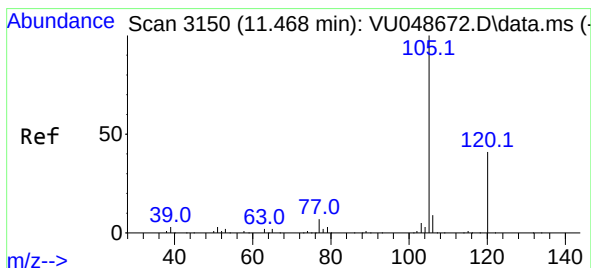
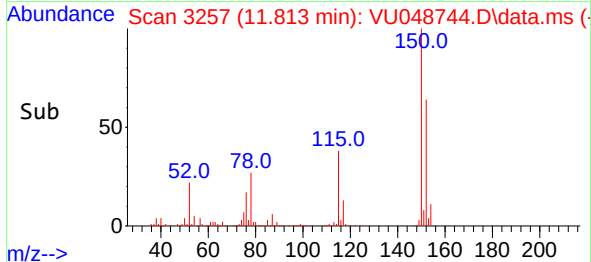
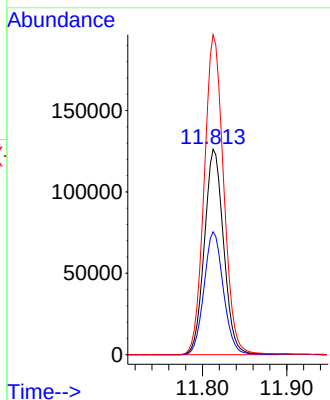
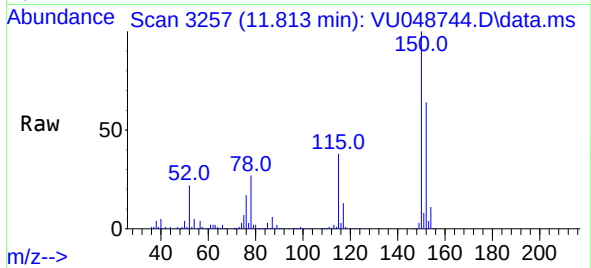




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.813 min Scan# 31257
 Delta R.T. 0.003 min
 Lab File: VU048744.D
 Acq: 31 May 2022 17:31

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-22

Tgt Ion:152 Resp: 201027
 Ion Ratio Lower Upper
 152 100
 115 60.2 41.8 125.4
 150 157.2 0.0 341.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.388 ug/l
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.007 min
 Lab File: VU048744.D
 Acq: 31 May 2022 17:31

Tgt Ion:105 Resp: 2502
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.5 67.5

