

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048740.D
 Acq On : 31 May 2022 15:32
 Operator : SY/MD
 Sample : N3033-06DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-17DL

Quant Time: Jun 01 02:17:26 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)

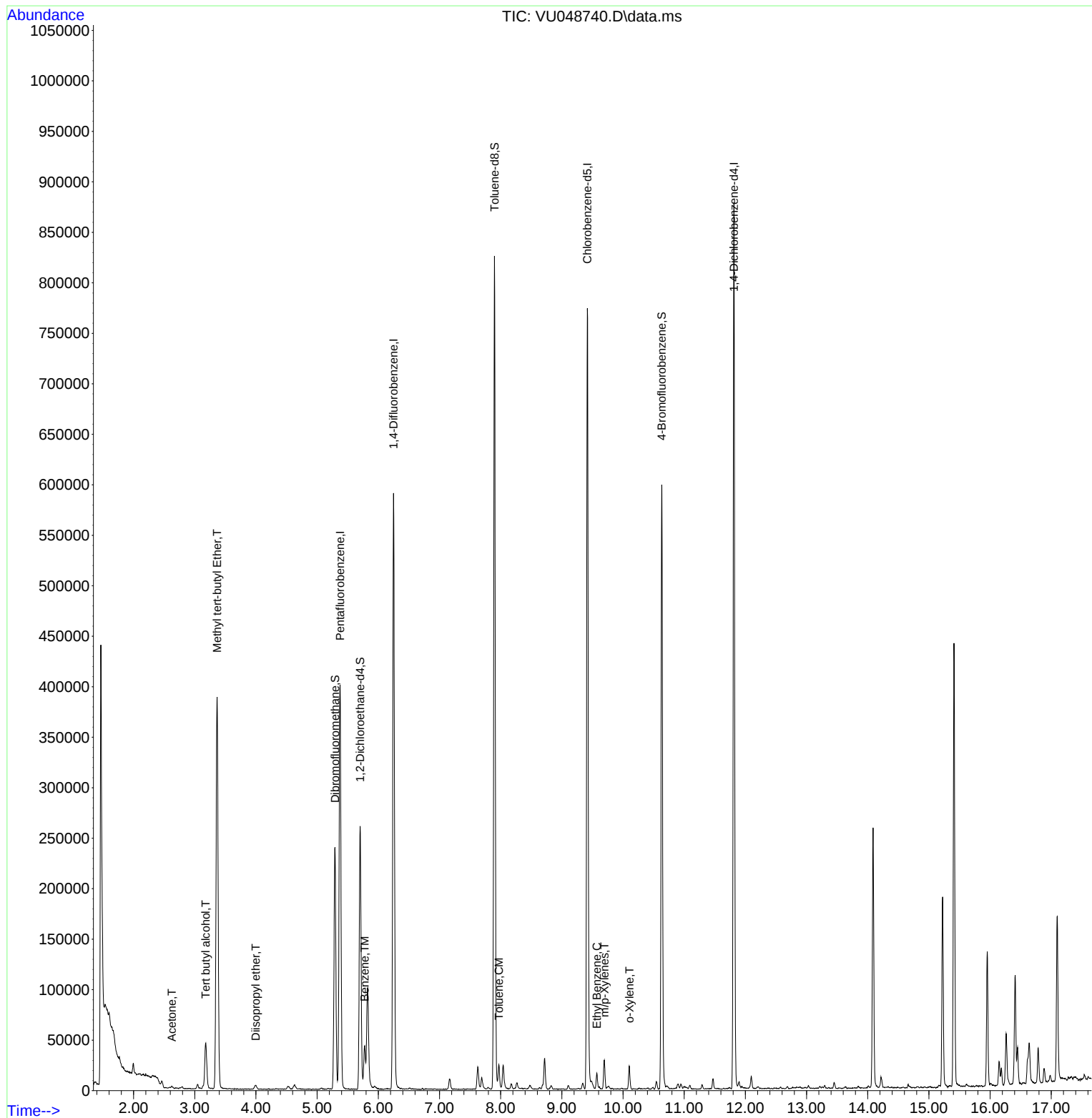
Internal Standards						
1) Pentafluorobenzene	5.375	168	275789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	474189	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	435973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	229703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	200781	48.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.292	113	156625	46.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.600%		
50) Toluene-d8	7.899	98	537004	44.283	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.560%#		
62) 4-Bromofluorobenzene	10.632	95	206563	45.040	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.080%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.179	59	52150	49.663	ug/l #	41
16) Acetone	2.623	43	2637	1.249	ug/l #	82
19) Methyl tert-butyl Ether	3.366	73	433824	40.732	ug/l	98
22) Diisopropyl ether	3.999	45	3957	0.395	ug/l #	72
40) Benzene	5.777	78	39047	2.679	ug/l	99
52) Toluene	7.970	92	9103	1.044	ug/l	96
67) Ethyl Benzene	9.571	91	11021	0.709	ug/l	99
68) m/p-Xylenes	9.697	106	7915	1.301	ug/l	90
69) o-Xylene	10.105	106	5642	0.944	ug/l	93

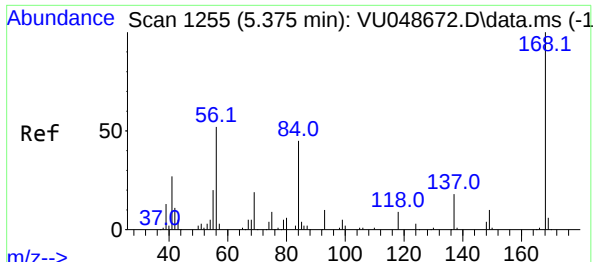
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

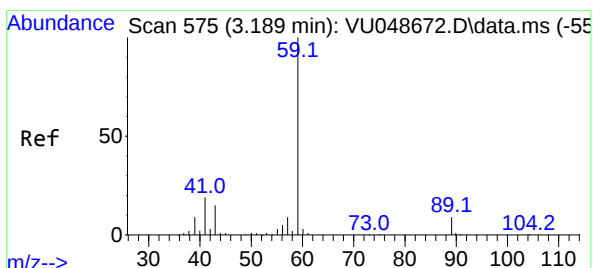
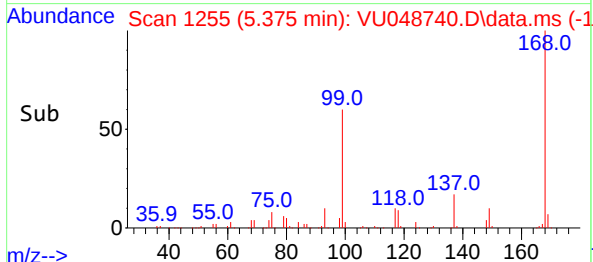
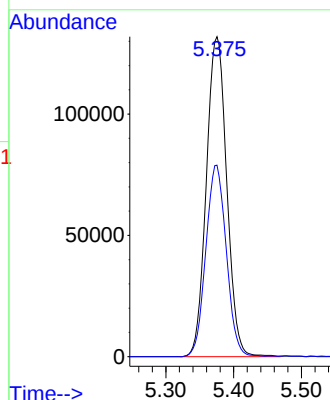
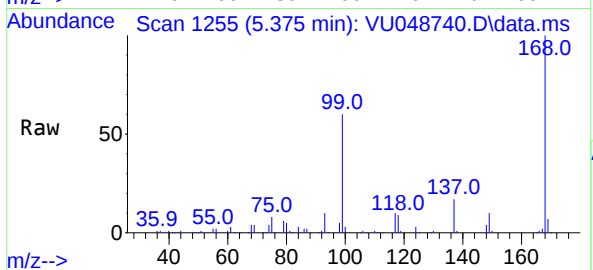




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

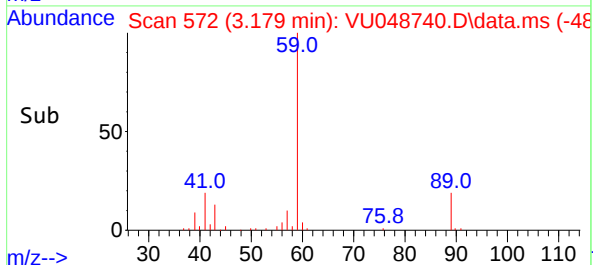
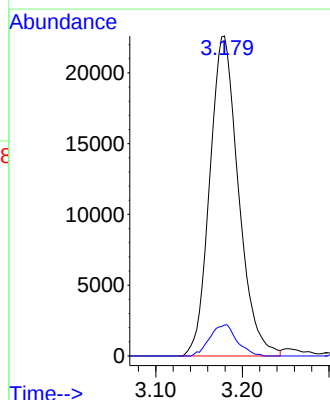
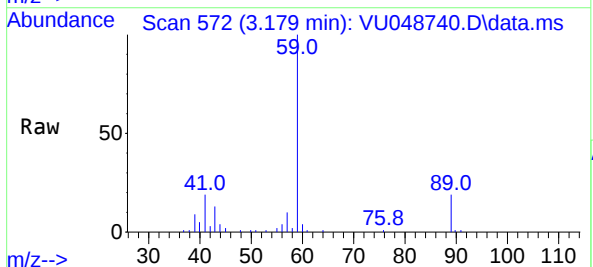
Instrument :
MSVOA_U
ClientSampleId :
TW-17DL

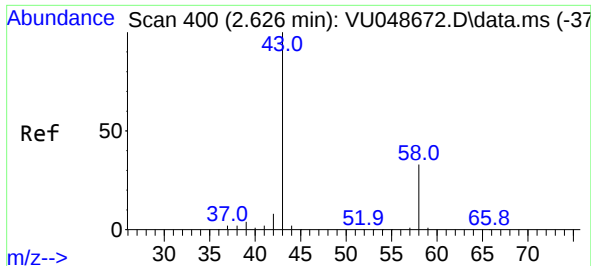
Tgt Ion:168 Resp: 275789
Ion Ratio Lower Upper
168 100
99 59.8 49.3 73.9



#11
Tert butyl alcohol
Concen: 49.663 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

Tgt Ion: 59 Resp: 52150
Ion Ratio Lower Upper
59 100
57 9.2 39.7 59.5#

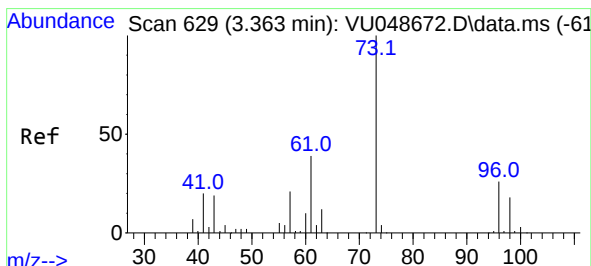
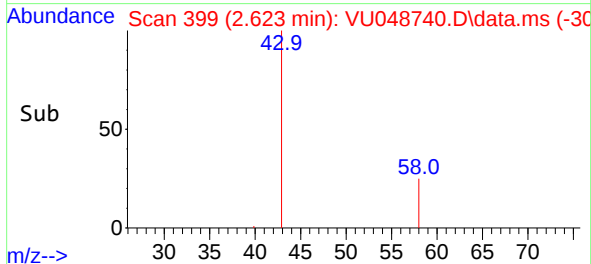
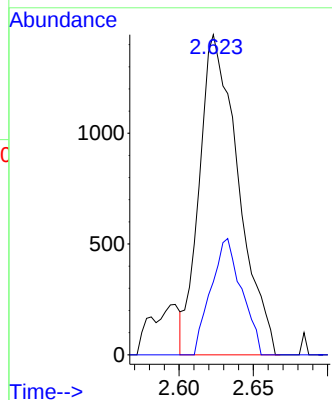
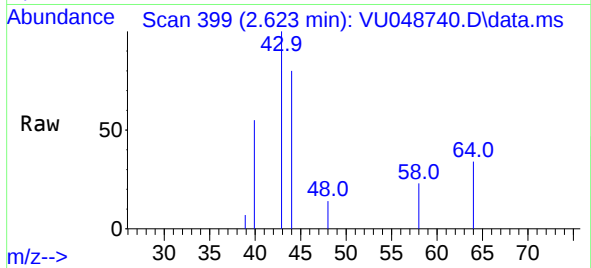




#16
Acetone
Concen: 1.249 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

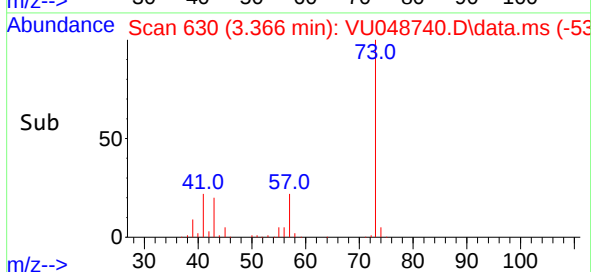
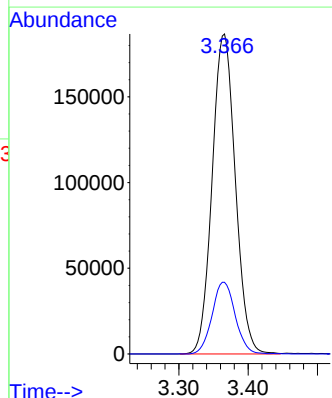
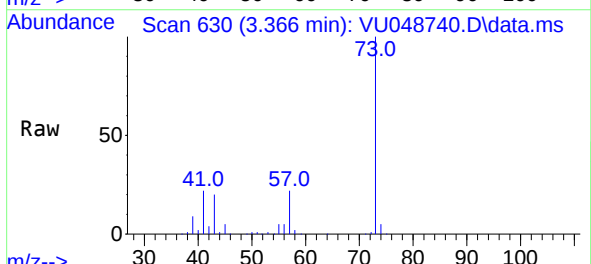
Instrument :
MSVOA_U
ClientSampleId :
TW-17DL

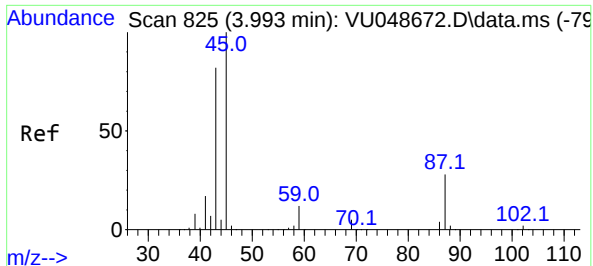
Tgt Ion: 43 Resp: 2637
Ion Ratio Lower Upper
43 100
58 22.8 26.3 39.5#



#19
Methyl tert-butyl Ether
Concen: 40.732 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

Tgt Ion: 73 Resp: 433824
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7

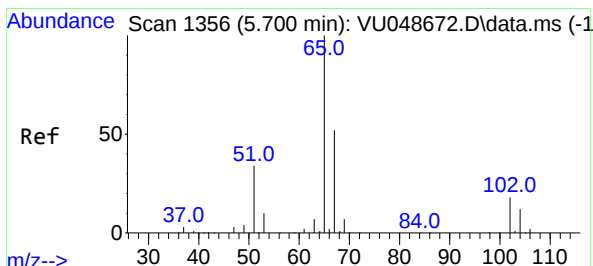
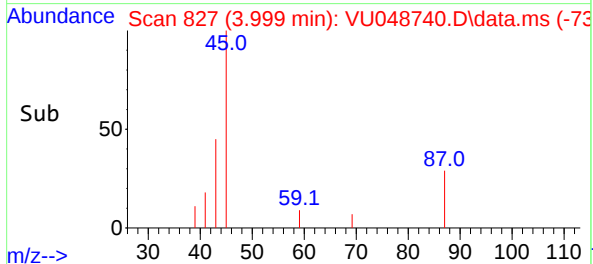
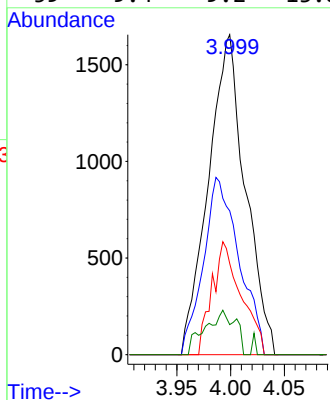
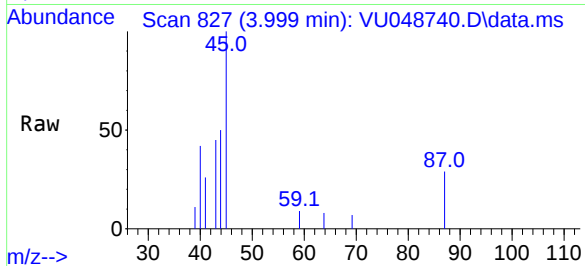




#22
Diisopropyl ether
Concen: 0.395 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.006 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

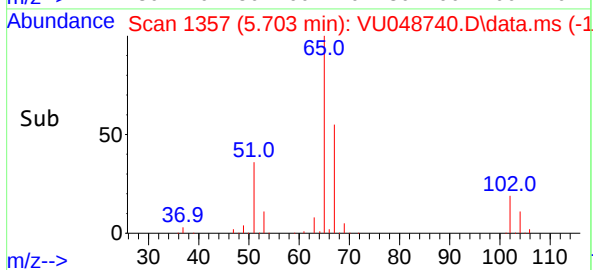
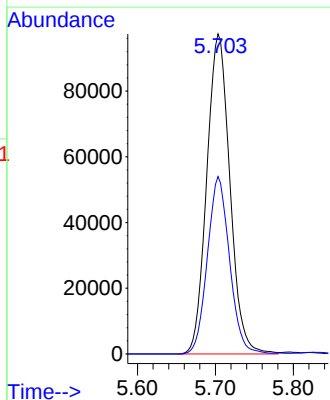
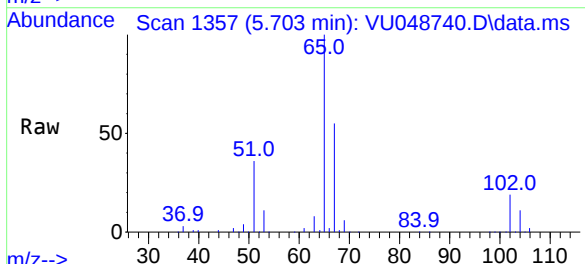
Instrument :
MSVOA_U
ClientSampleId :
TW-17DL

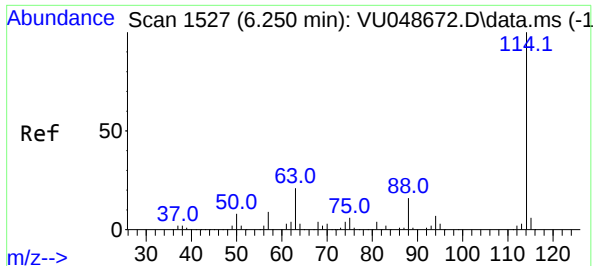
Tgt Ion:	45	Resp:	3957
Ion	Ratio	Lower	Upper
45	100		
43	44.9	65.2	97.8#
87	28.5	22.7	34.1
59	9.4	9.2	13.8



#33
1,2-Dichloroethane-d4
Concen: 48.477 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

Tgt Ion:	65	Resp:	200781
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.0

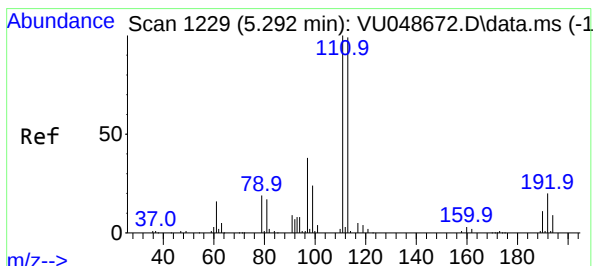
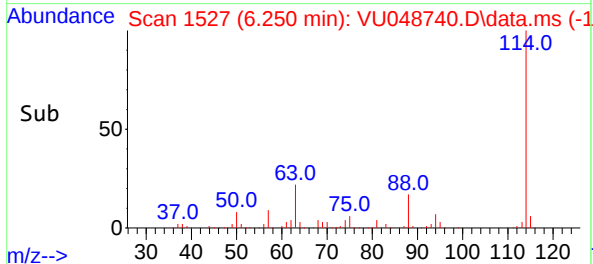
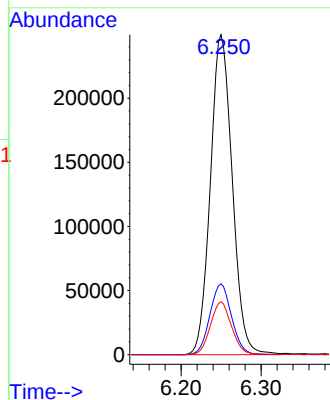
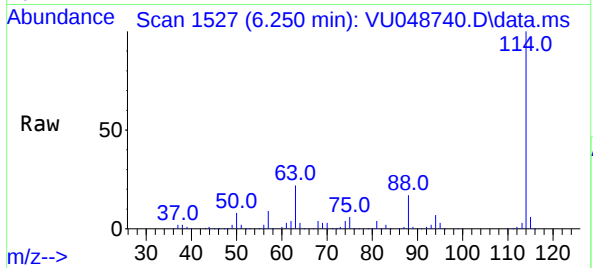




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

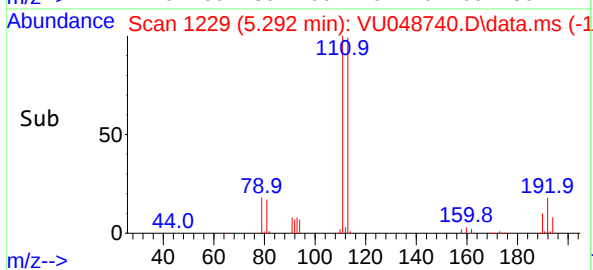
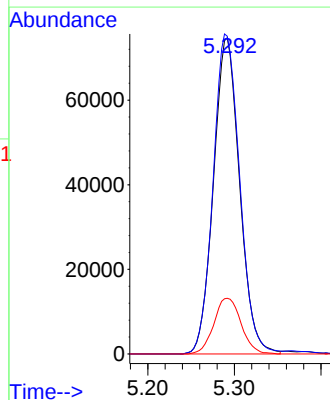
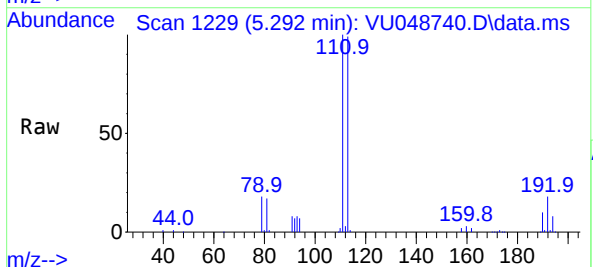
Instrument :
MSVOA_U
ClientSampleId :
TW-17DL

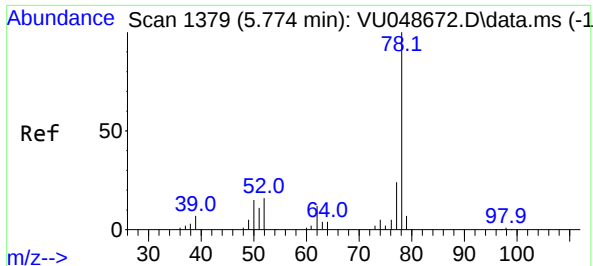
Tgt Ion:114 Resp: 474189
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.6
88 16.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.298 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

Tgt Ion:113 Resp: 156625
Ion Ratio Lower Upper
113 100
111 102.7 80.7 121.1
192 18.4 15.9 23.9





#40

Benzene

Concen: 2.679 ug/l

RT: 5.777 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU048740.D

Acq: 31 May 2022 15:32

Instrument :

MSVOA_U

ClientSampleId :

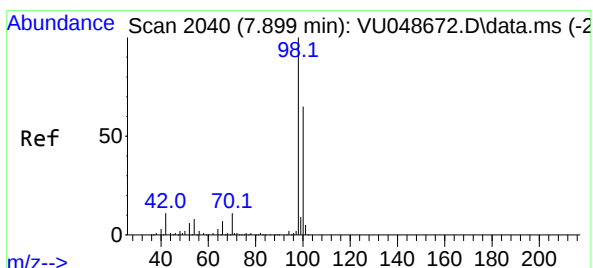
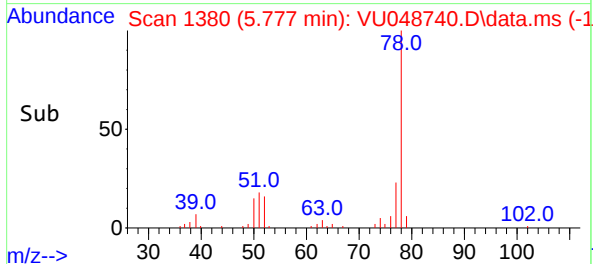
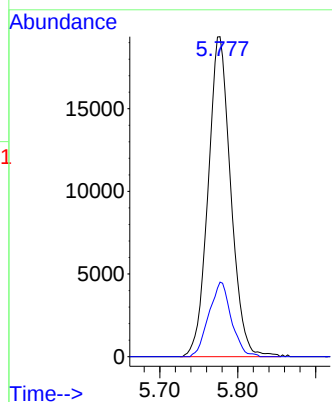
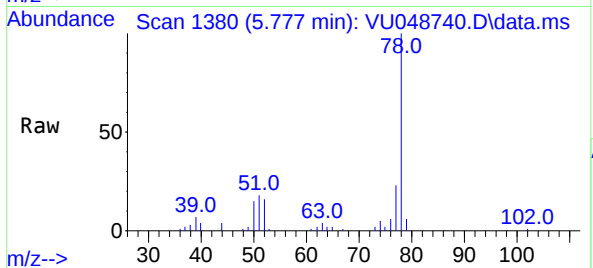
TW-17DL

Tgt Ion: 78 Resp: 39047

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6



#50

Toluene-d8

Concen: 44.283 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048740.D

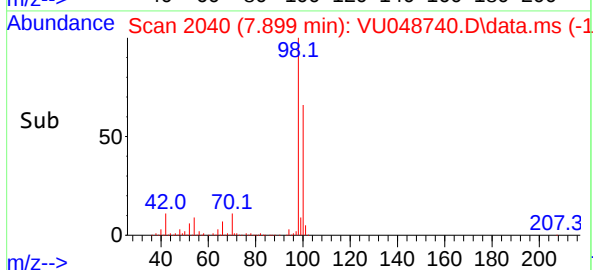
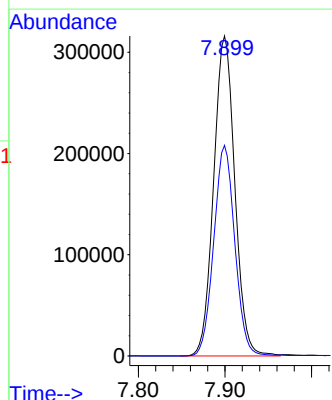
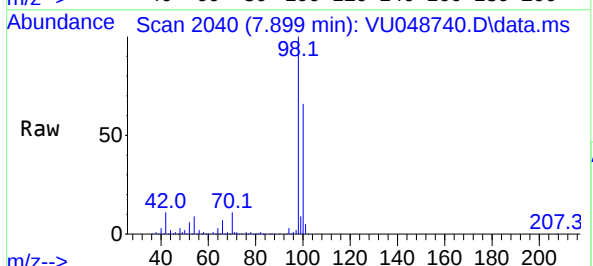
Acq: 31 May 2022 15:32

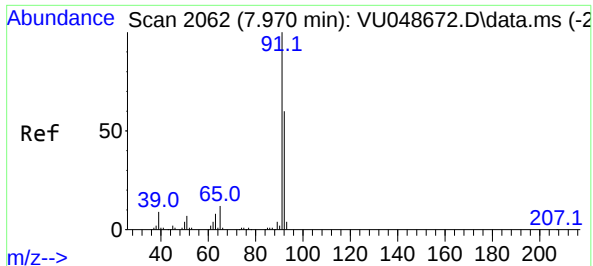
Tgt Ion: 98 Resp: 537004

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4

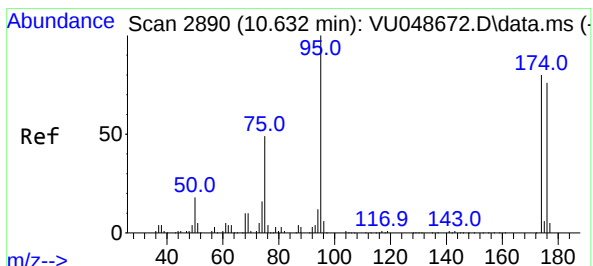
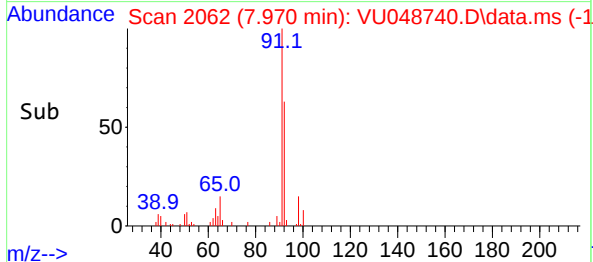
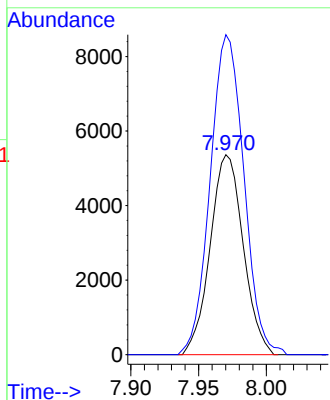
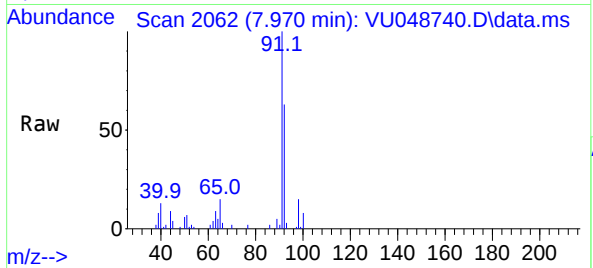




#52
Toluene
Concen: 1.044 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

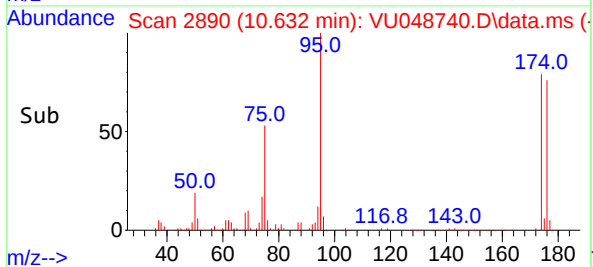
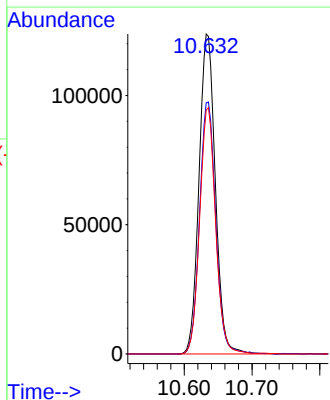
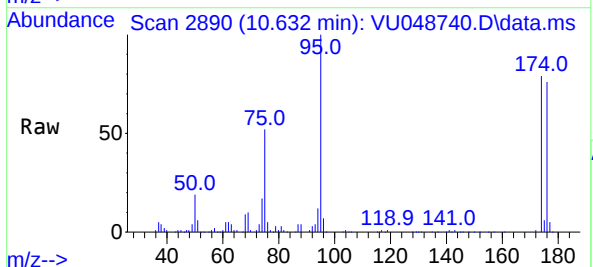
Instrument :
MSVOA_U
ClientSampleId :
TW-17DL

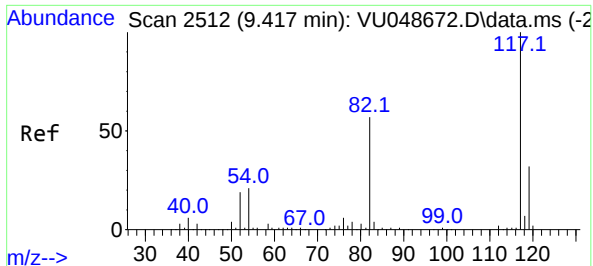
Tgt Ion: 92 Resp: 9103
Ion Ratio Lower Upper
92 100
91 162.9 135.0 202.4



#62
4-Bromofluorobenzene
Concen: 45.040 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

Tgt Ion: 95 Resp: 206563
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.4
176 75.6 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU048740.D

Acq: 31 May 2022 15:32

Instrument :

MSVOA_U

ClientSampleId :

TW-17DL

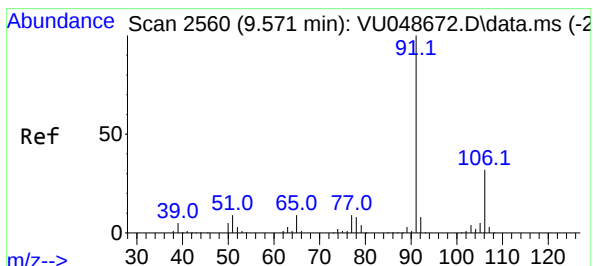
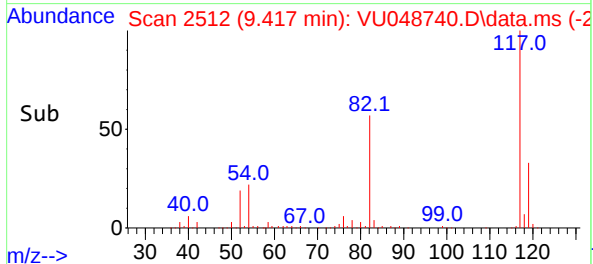
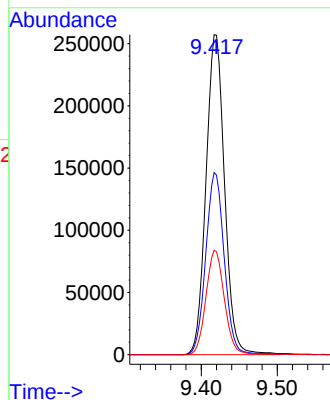
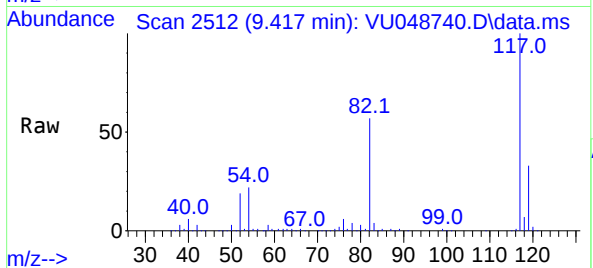
Tgt Ion:117 Resp: 435973

Ion Ratio Lower Upper

117 100

82 56.9 45.3 67.9

119 32.7 25.4 38.2



#67

Ethyl Benzene

Concen: 0.709 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048740.D

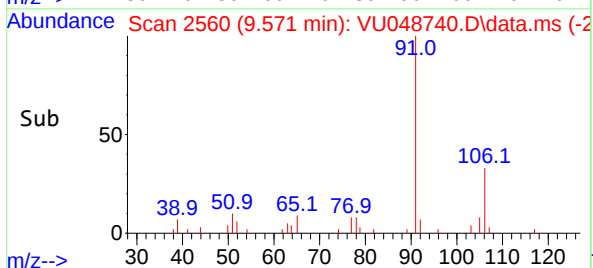
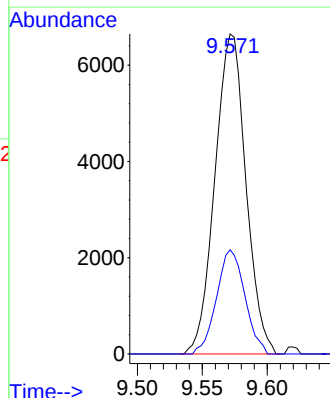
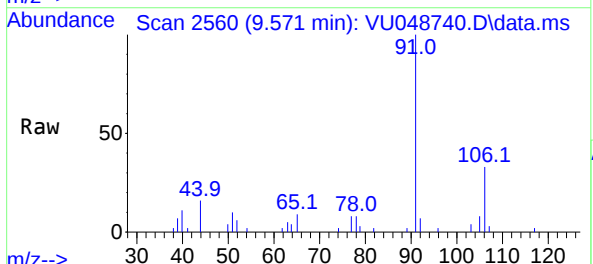
Acq: 31 May 2022 15:32

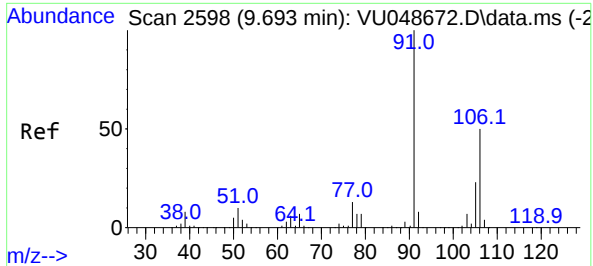
Tgt Ion: 91 Resp: 11021

Ion Ratio Lower Upper

91 100

106 32.5 25.4 38.2

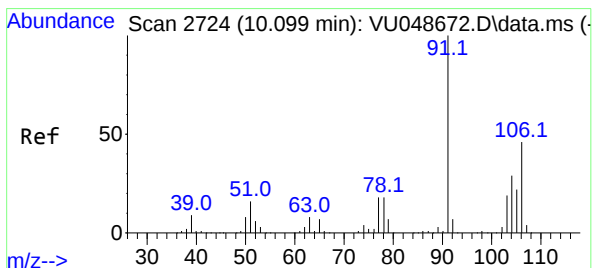
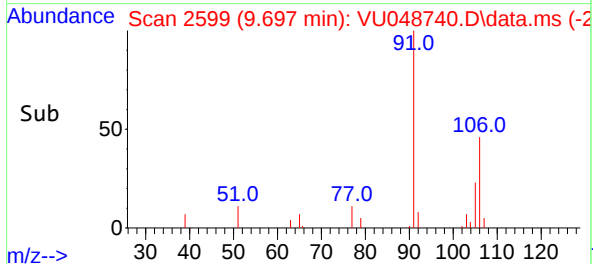
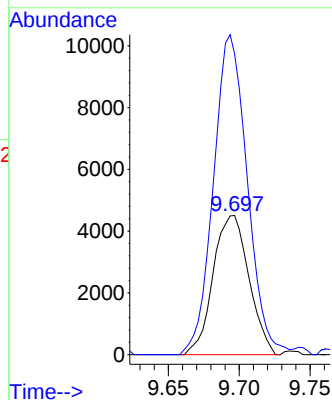
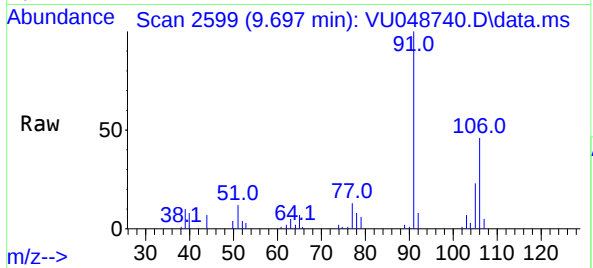




#68
m/p-Xylenes
Concen: 1.301 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

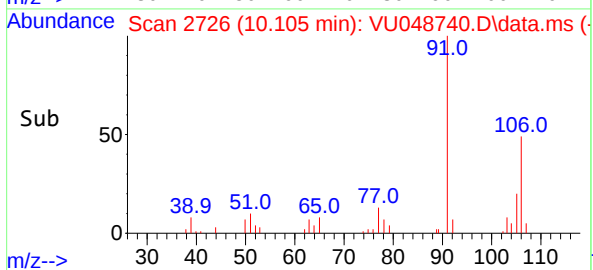
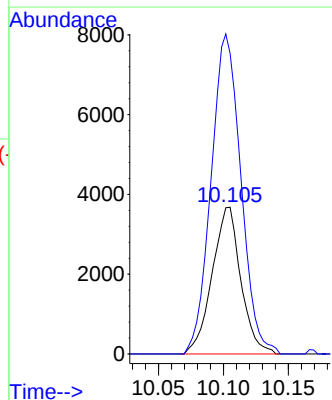
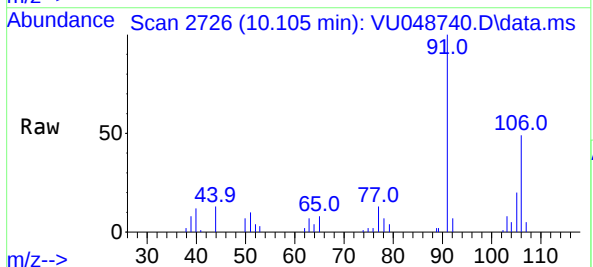
Instrument :
MSVOA_U
ClientSampleId :
TW-17DL

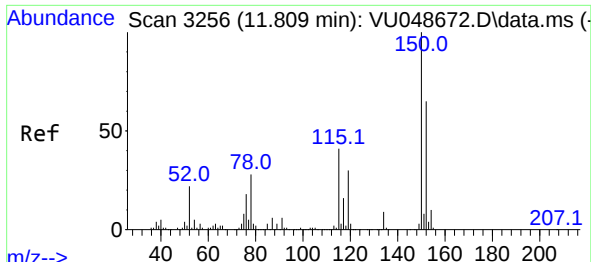
Tgt Ion:106 Resp: 7915
Ion Ratio Lower Upper
106 100
91 217.6 162.4 243.6



#69
o-Xylene
Concen: 0.944 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.006 min
Lab File: VU048740.D
Acq: 31 May 2022 15:32

Tgt Ion:106 Resp: 5642
Ion Ratio Lower Upper
106 100
91 226.8 107.7 323.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048740.D

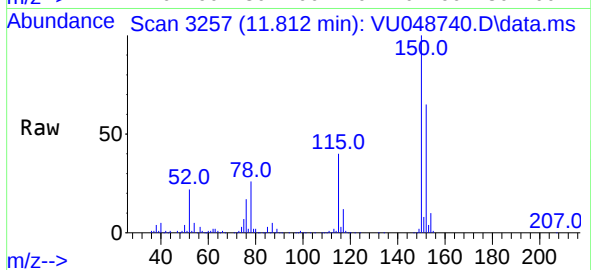
Acq: 31 May 2022 15:32

Instrument :

MSVOA_U

ClientSampleId :

TW-17DL



Tgt Ion:152 Resp: 229703

Ion Ratio Lower Upper

152 100

115 60.3 41.8 125.4

150 156.6 0.0 341.0

