

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048713.D
 Acq On : 28 May 2022 00:04
 Operator : SY/MD
 Sample : N3033-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-4

Quant Time: May 30 02:57:20 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)

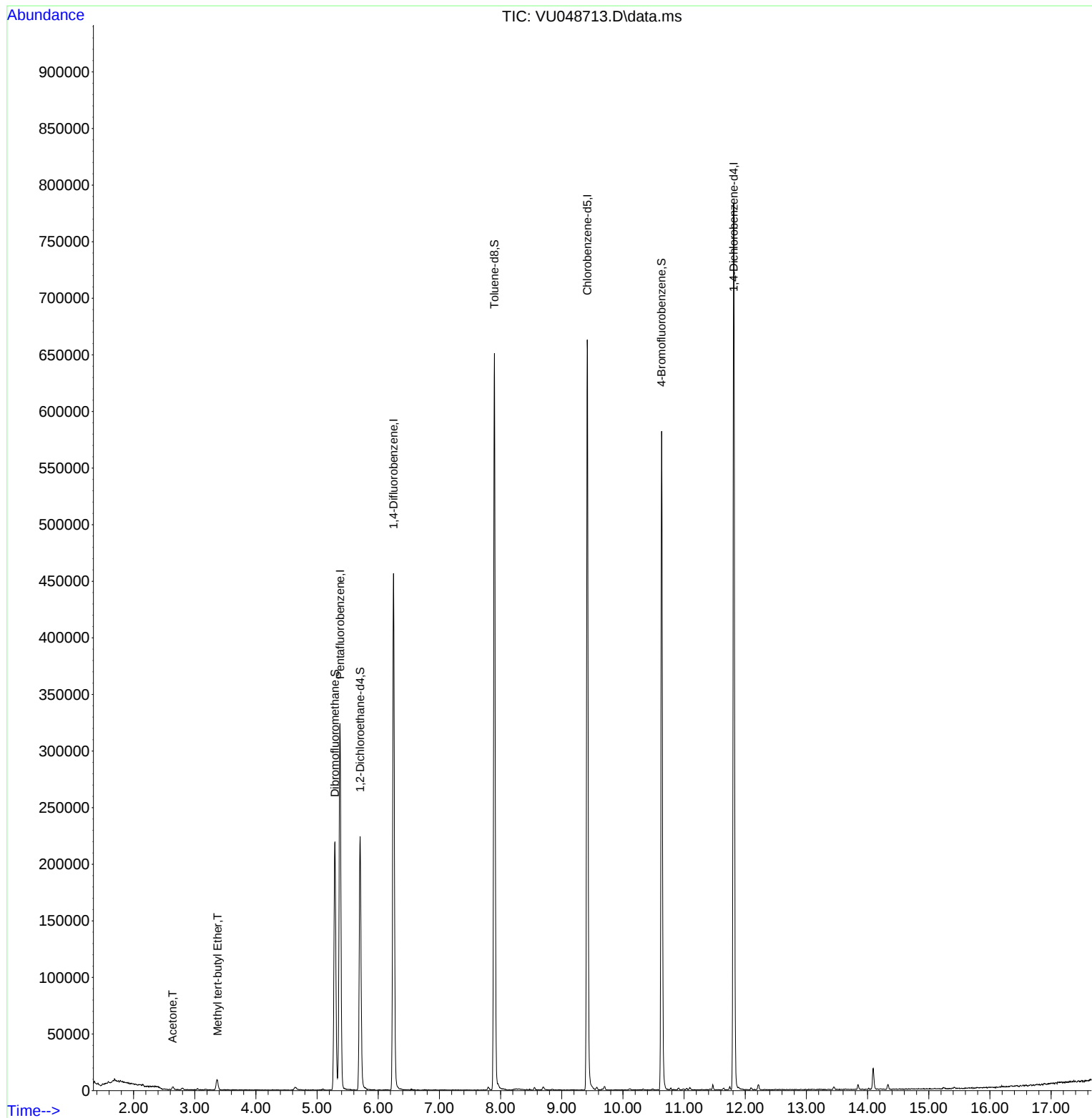
Internal Standards						
1) Pentafluorobenzene	5.375	168	219583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	372038	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	379798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	209424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	170808	51.796	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.600%
35) Dibromofluoromethane	5.292	113	146099	55.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.080%
50) Toluene-d8	7.899	98	438648	46.104	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.200%
62) 4-Bromofluorobenzene	10.632	95	198530	55.174	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.340%
Target Compounds						
						Qvalue
16) Acetone	2.639	43	3221	1.917	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	10055	1.186	ug/l	98

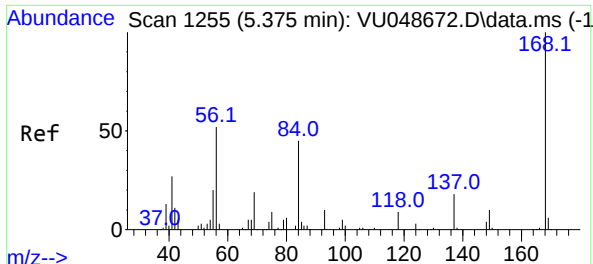
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.375 min Scan# 11

Delta R.T. 0.000 min

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ClientSampleId :

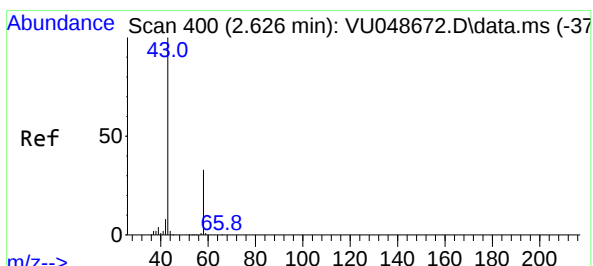
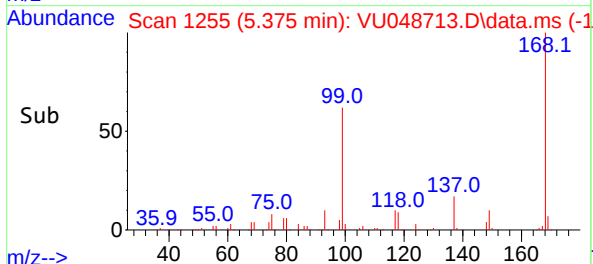
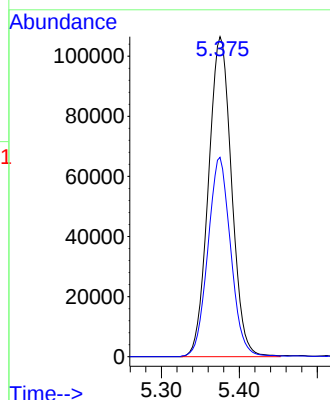
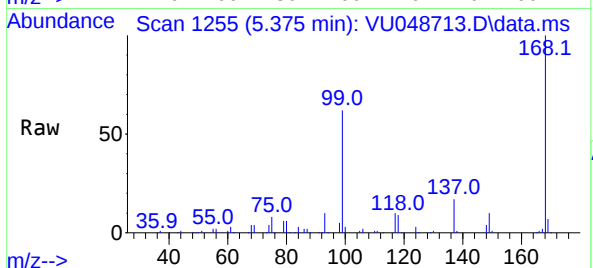
TW-4

Tgt Ion:168 Resp: 219583

Ion Ratio Lower Upper

168 100

99 62.3 49.3 73.9



#16

Acetone

Concen: 1.917 ug/l

RT: 2.639 min Scan# 404

Delta R.T. 0.013 min

Lab File: VU048713.D

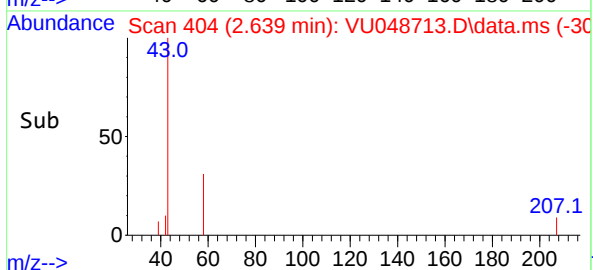
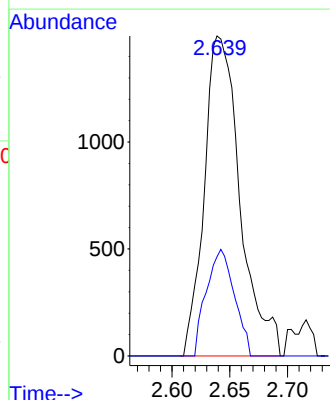
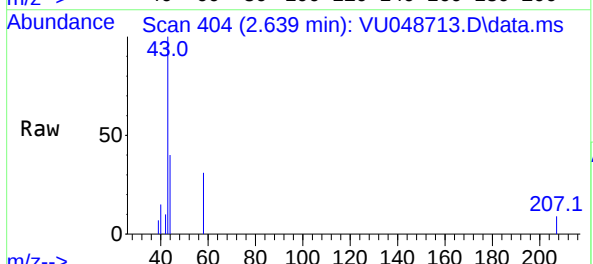
Acq: 28 May 2022 00:04

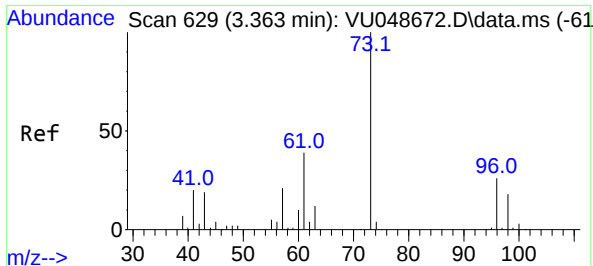
Tgt Ion: 43 Resp: 3221

Ion Ratio Lower Upper

43 100

58 31.0 26.3 39.5





#19

Methyl tert-butyl Ether

Concen: 1.186 ug/l

RT: 3.372 min Scan# 61

Delta R.T. 0.010 min

Lab File: VU048713.D

Acq: 28 May 2022 00:04

Instrument :

MSVOA_U

ClientSampleId :

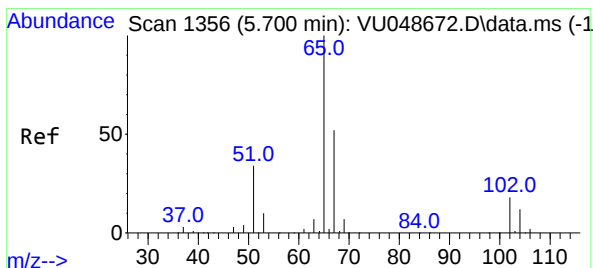
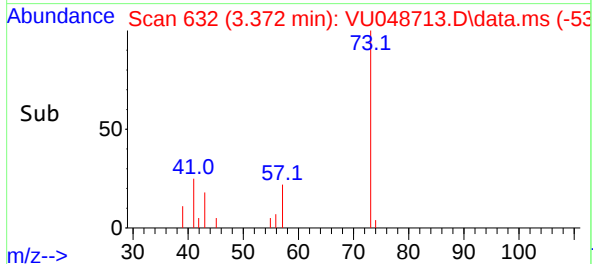
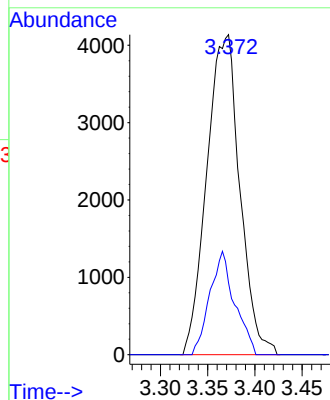
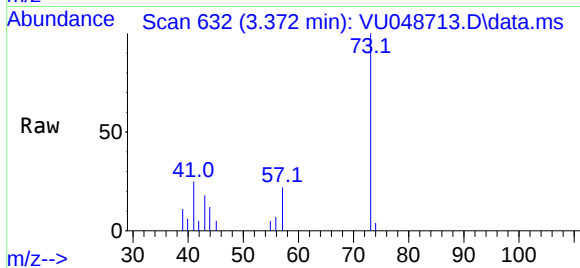
TW-4

Tgt Ion: 73 Resp: 10055

Ion Ratio Lower Upper

73 100

57 22.5 17.1 25.7



#33

1,2-Dichloroethane-d4

Concen: 51.796 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048713.D

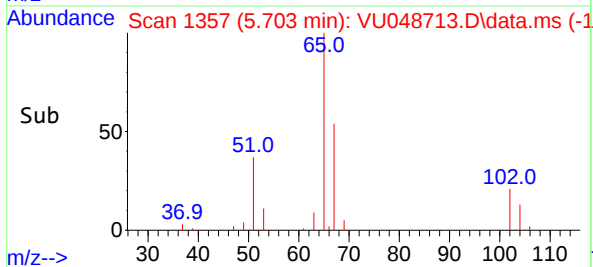
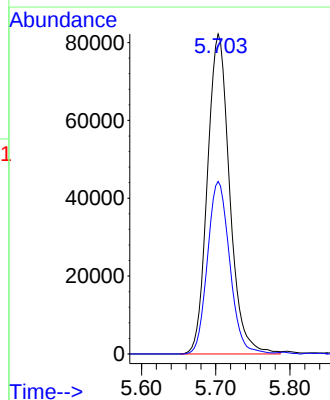
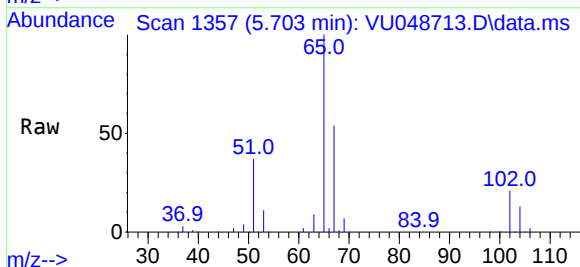
Acq: 28 May 2022 00:04

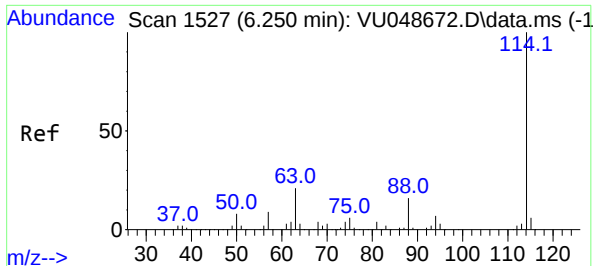
Tgt Ion: 65 Resp: 170808

Ion Ratio Lower Upper

65 100

67 53.9 0.0 103.0

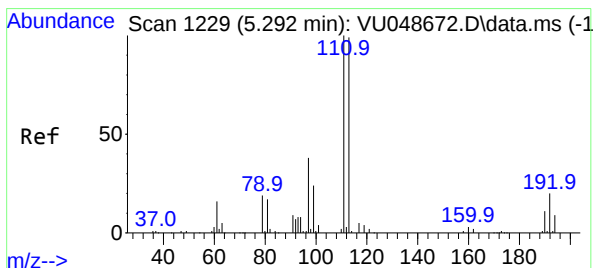
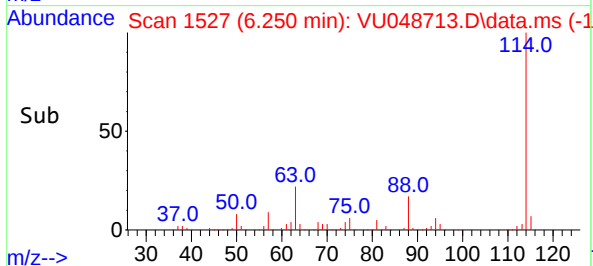
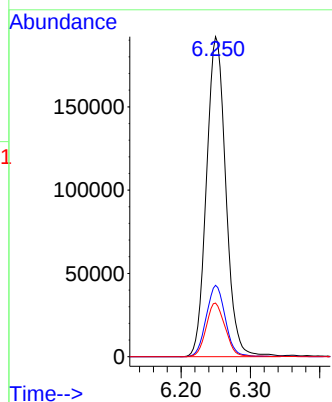
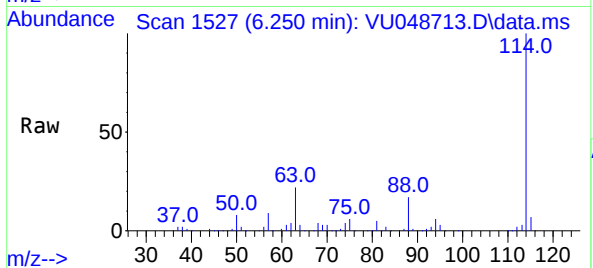




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048713.D
Acq: 28 May 2022 00:04

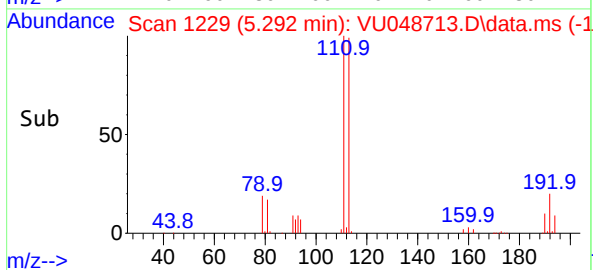
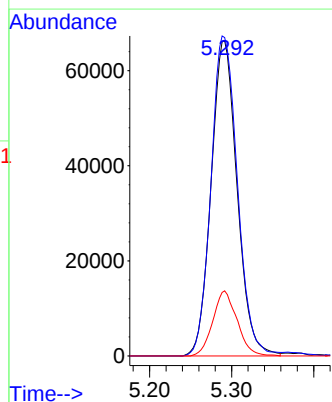
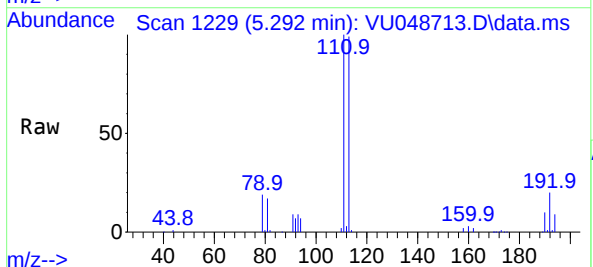
Instrument :
MSVOA_U
ClientSampleId :
TW-4

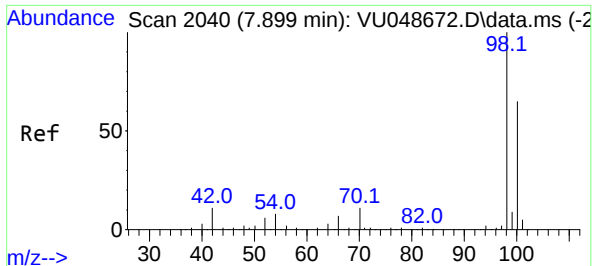
Tgt Ion:114 Resp: 372038
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.6
88 16.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.044 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU048713.D
Acq: 28 May 2022 00:04

Tgt Ion:113 Resp: 146099
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 19.3 15.9 23.9

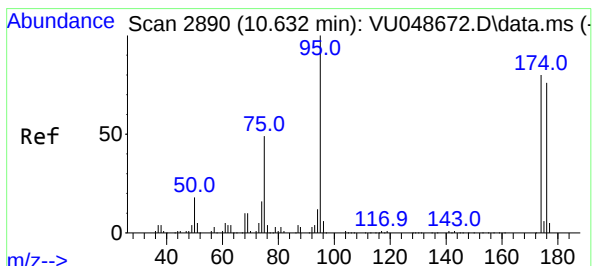
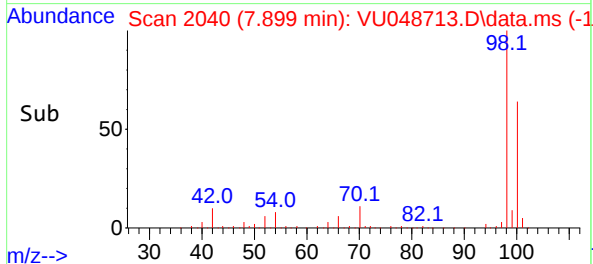
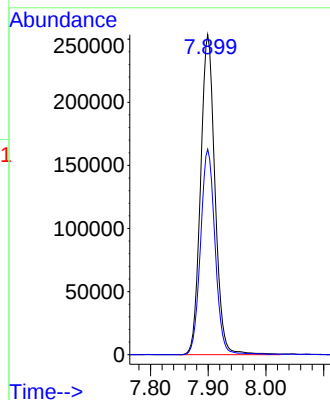
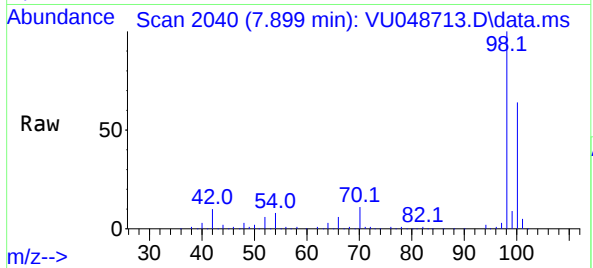




#50
Toluene-d8
Concen: 46.104 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048713.D
Acq: 28 May 2022 00:04

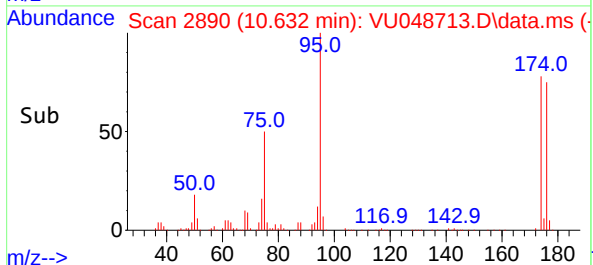
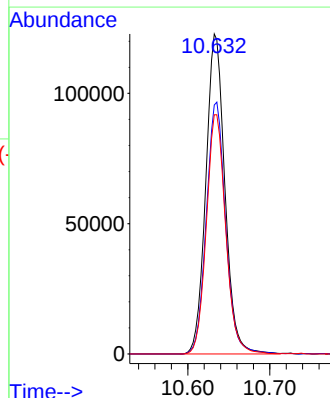
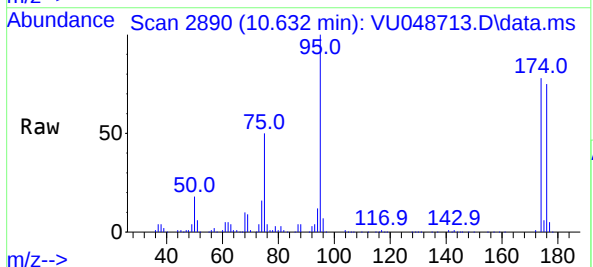
Instrument :
MSVOA_U
ClientSampleId :
TW-4

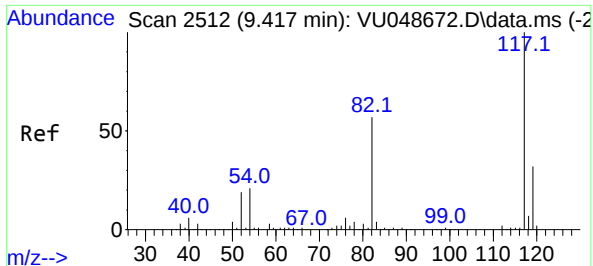
Tgt Ion: 98 Resp: 438648
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 55.174 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048713.D
Acq: 28 May 2022 00:04

Tgt Ion: 95 Resp: 198530
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.4
176 75.8 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: VU048713.D

Acq: 28 May 2022 00:04

Instrument :

MSVOA_U

ClientSampleId :

TW-4

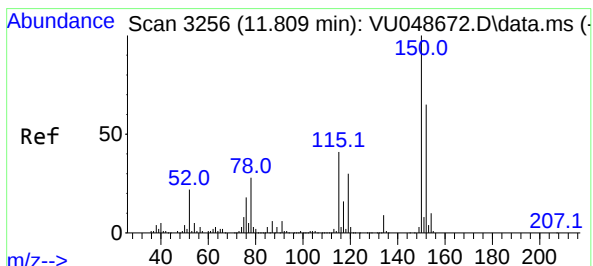
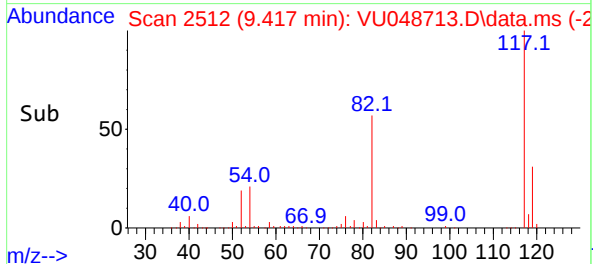
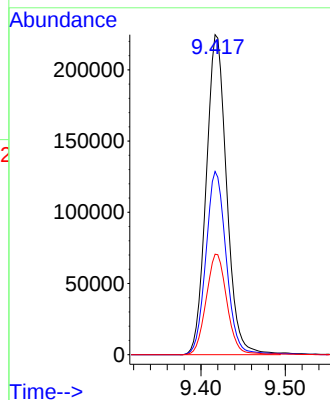
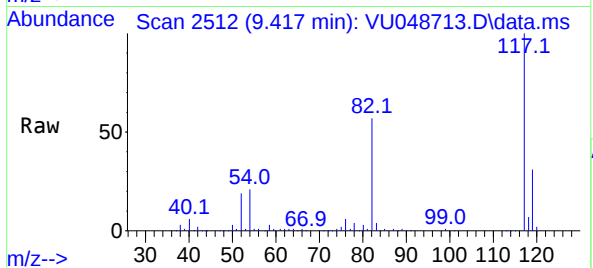
Tgt Ion:117 Resp: 379798

Ion Ratio Lower Upper

117 100

82 57.3 45.3 67.9

119 31.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048713.D

Acq: 28 May 2022 00:04

Tgt Ion:152 Resp: 209424

Ion Ratio Lower Upper

152 100

115 60.9 41.8 125.4

150 160.1 0.0 341.0

