

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048853.D
 Acq On : 03 Jun 2022 13:31
 Operator : SY/MD
 Sample : PB145281TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB145281TB

Quant Time: Jun 04 04:36:17 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)

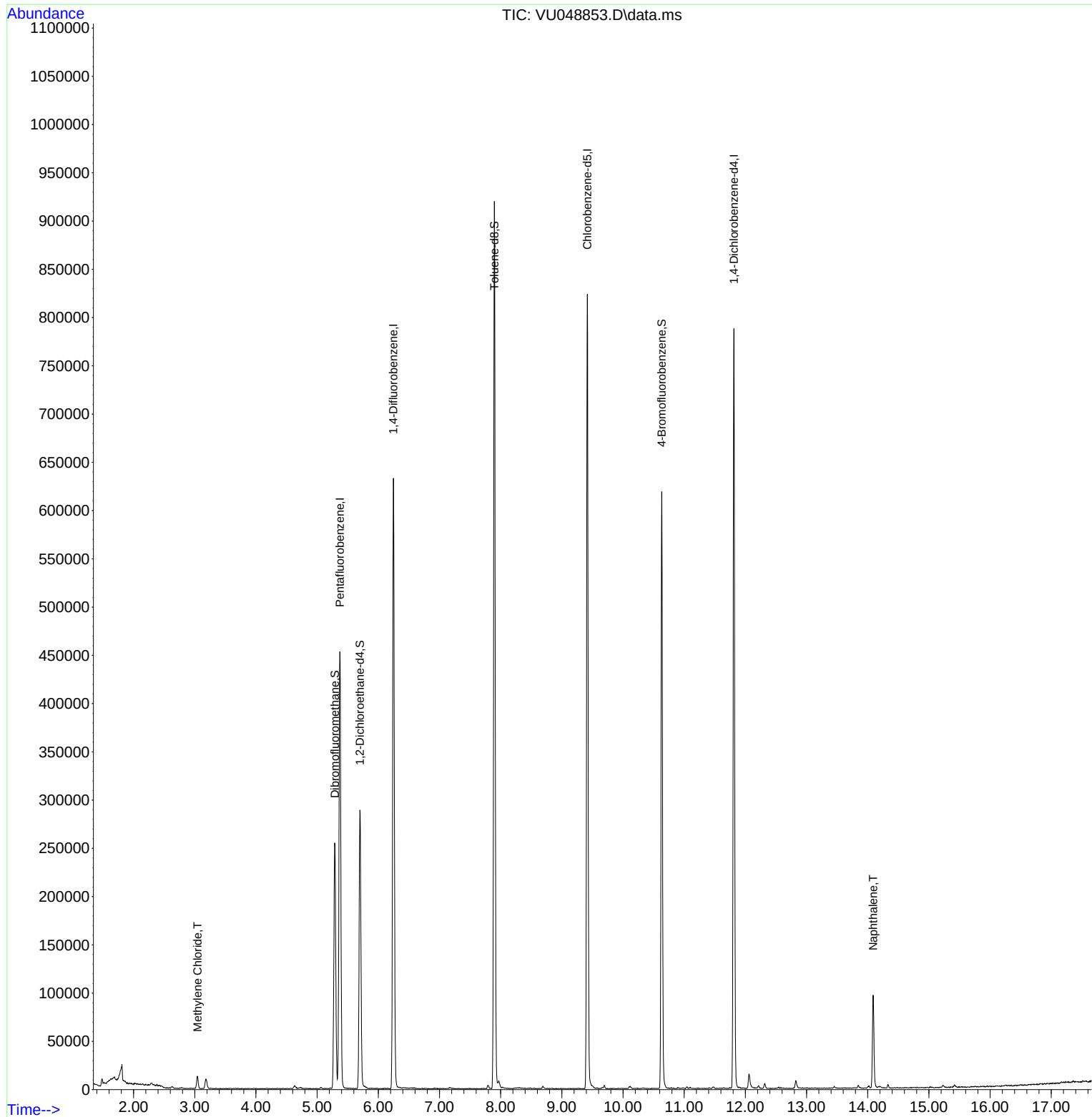
Internal Standards						
1) Pentafluorobenzene	5.372	168	306073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	505738	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	449821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	210885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	220439	47.957	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.920%
35) Dibromofluoromethane	5.288	113	168678	46.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.500%
50) Toluene-d8	7.896	98	609107	47.095	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.200%
62) 4-Bromofluorobenzene	10.632	95	207758	42.475	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.940%
Target Compounds						Qvalue
20) Methylene Chloride	3.044	84	5580	1.401	ug/l #	92
95) Naphthalene	14.089	128	82126	7.230	ug/l	99

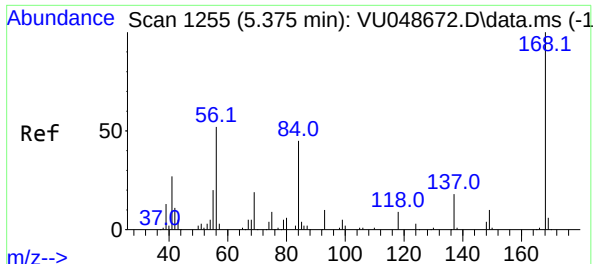
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048853.D

Acq: 03 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

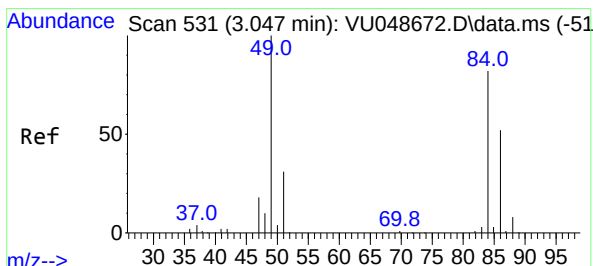
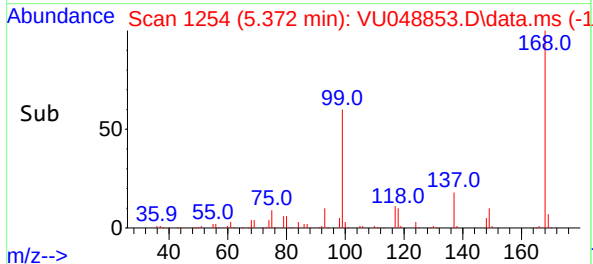
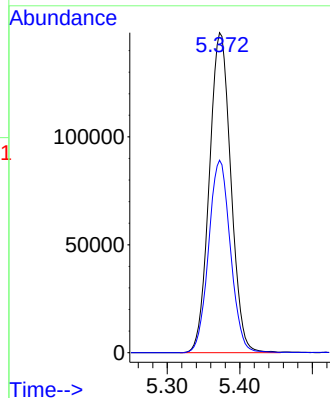
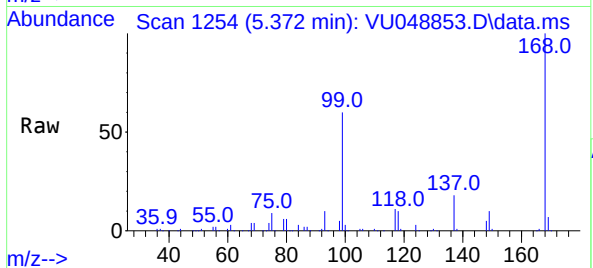
PB145281TB

Tgt Ion:168 Resp: 306073

Ion Ratio Lower Upper

168 100

99 60.1 49.3 73.9



#20

Methylene Chloride

Concen: 1.401 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048853.D

Acq: 03 Jun 2022 13:31

Tgt Ion: 84 Resp: 5580

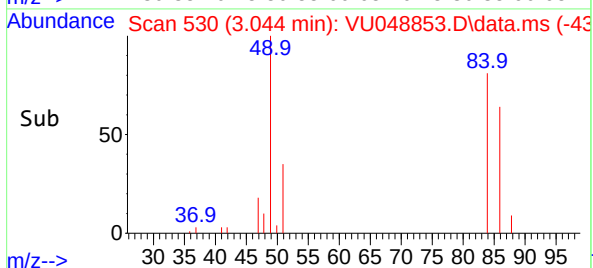
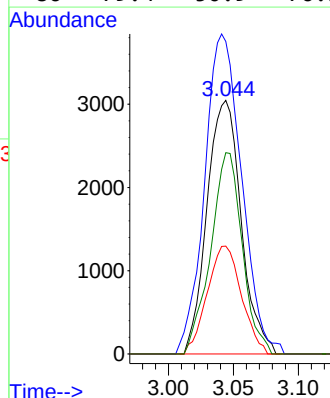
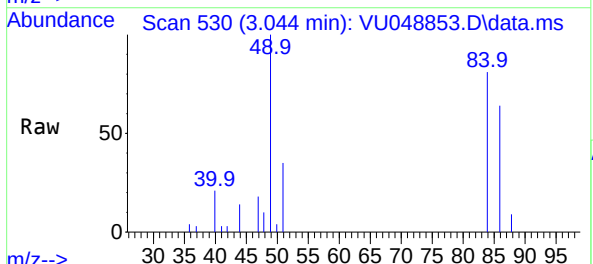
Ion Ratio Lower Upper

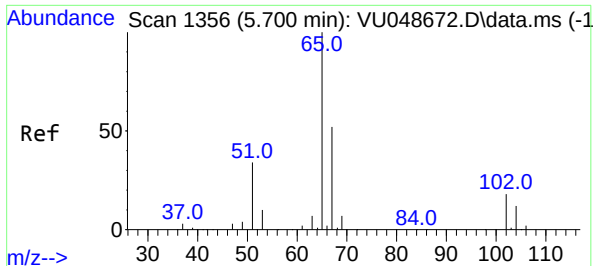
84 100

49 119.3 97.0 145.4

51 42.5 29.8 44.8

86 79.4 50.9 76.3#

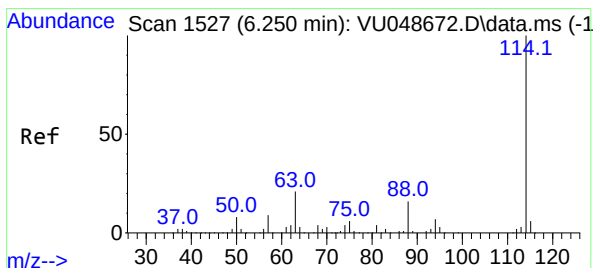
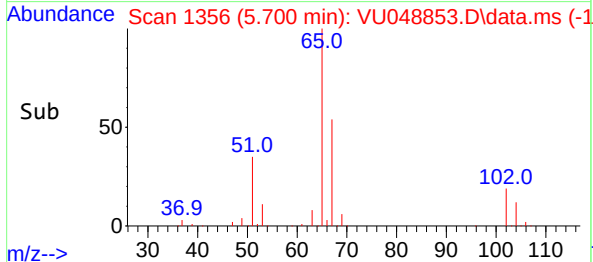
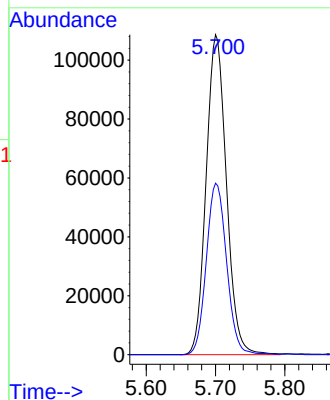
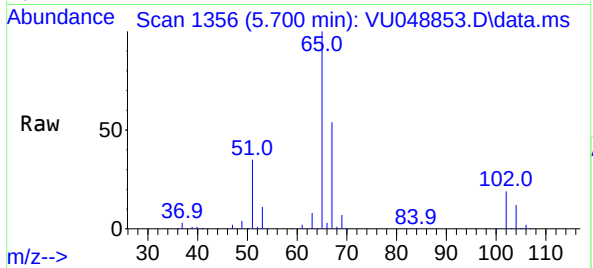




#33
1,2-Dichloroethane-d4
Concen: 47.957 ug/l
RT: 5.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048853.D
Acq: 03 Jun 2022 13:31

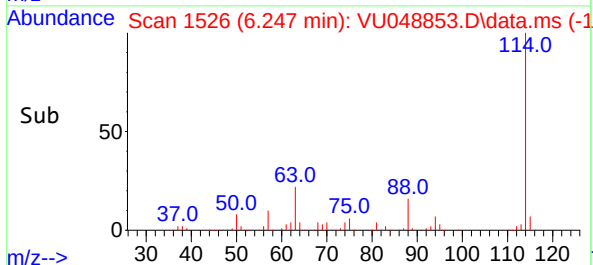
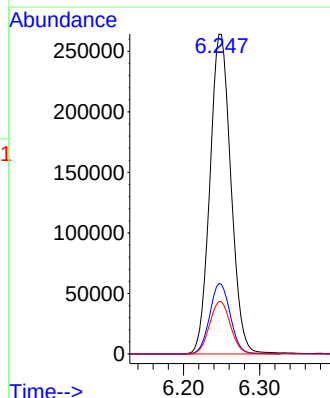
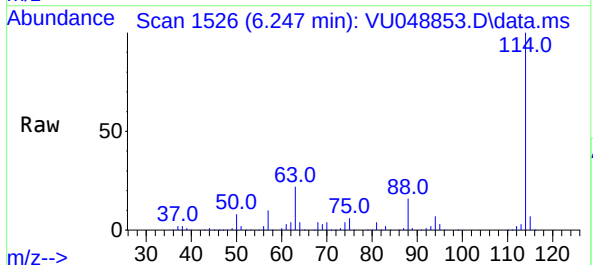
Instrument :
MSVOA_U
ClientSampleId :
PB145281TB

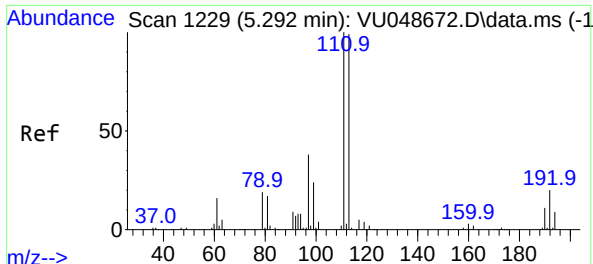
Tgt Ion: 65 Resp: 220439
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 1526
Delta R.T. -0.003 min
Lab File: VU048853.D
Acq: 03 Jun 2022 13:31

Tgt Ion: 114 Resp: 505738
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.6
88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.750 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048853.D

Acq: 03 Jun 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

PB145281TB

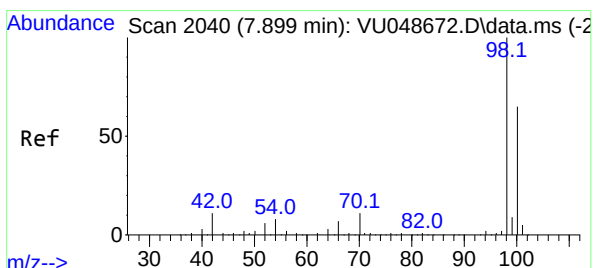
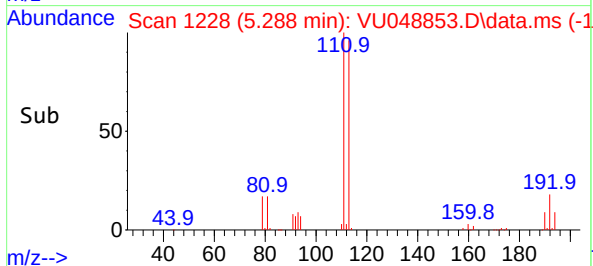
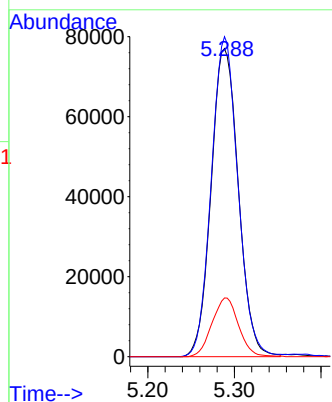
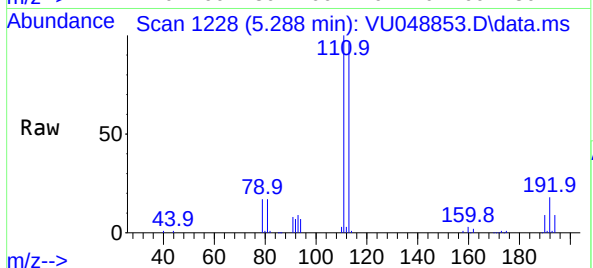
Tgt Ion:113 Resp: 168678

Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

192 18.6 15.9 23.9



#50

Toluene-d8

Concen: 47.095 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048853.D

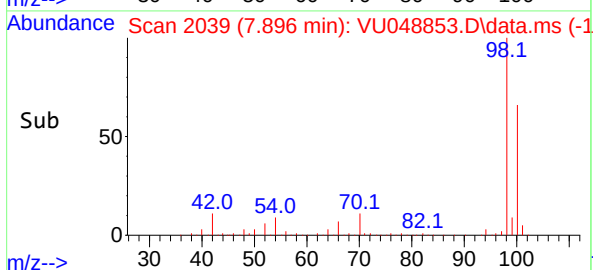
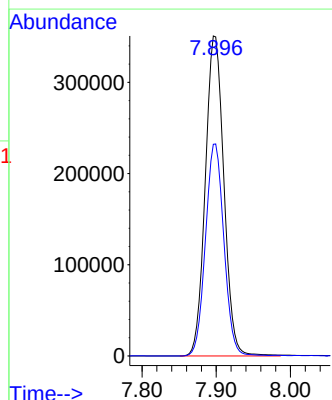
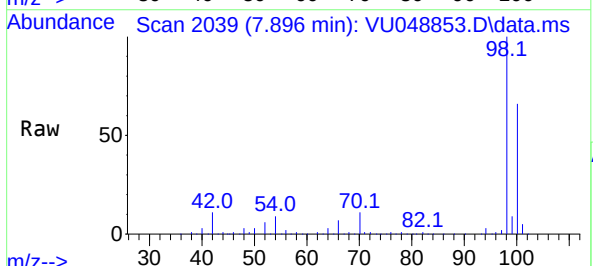
Acq: 03 Jun 2022 13:31

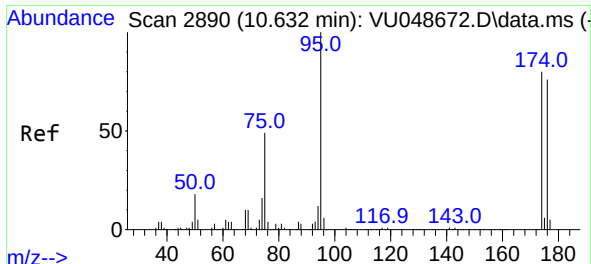
Tgt Ion: 98 Resp: 609107

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4



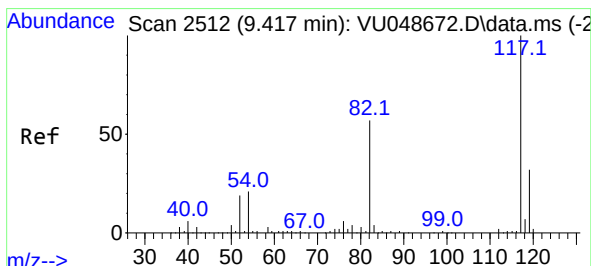
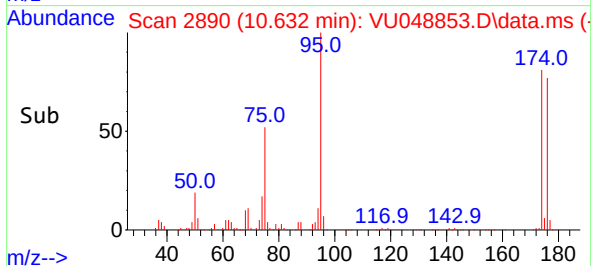
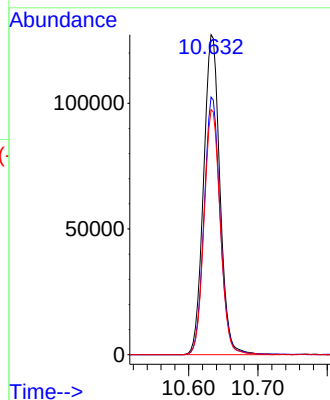
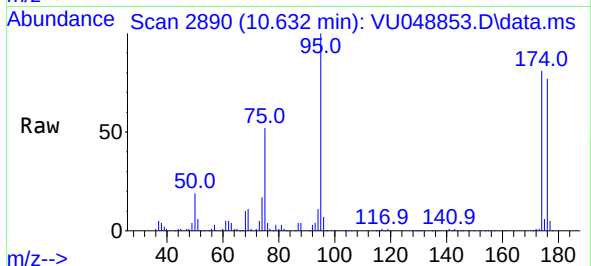


#62
 4-Bromofluorobenzene
 Concen: 42.475 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.000 min
 Lab File: VU048853.D
 Acq: 03 Jun 2022 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 PB145281TB

Tgt Ion: 95 Resp: 207758

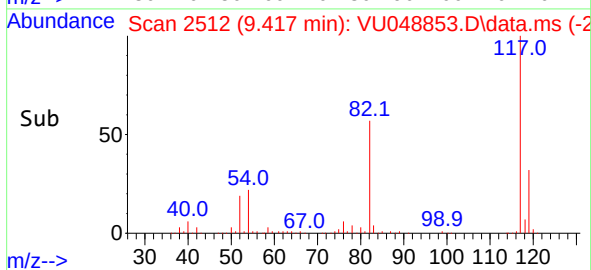
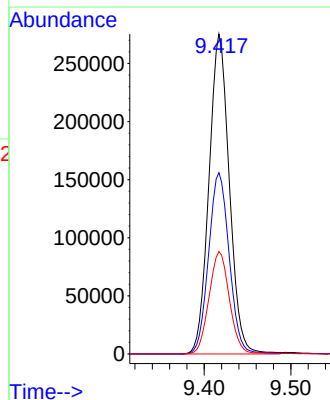
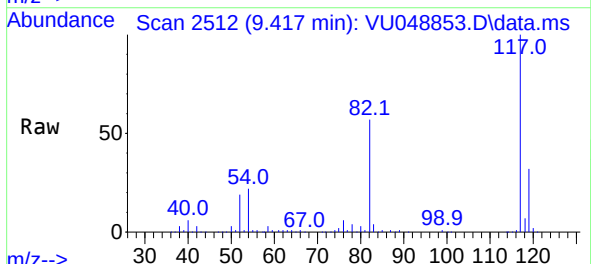
Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	159.4
176	75.9	0.0	152.4

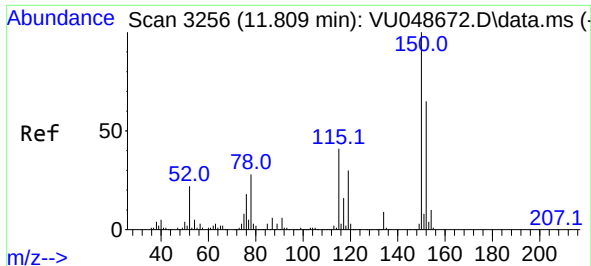


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.417 min Scan# 2512
 Delta R.T. -0.000 min
 Lab File: VU048853.D
 Acq: 03 Jun 2022 13:31

Tgt Ion: 117 Resp: 449821

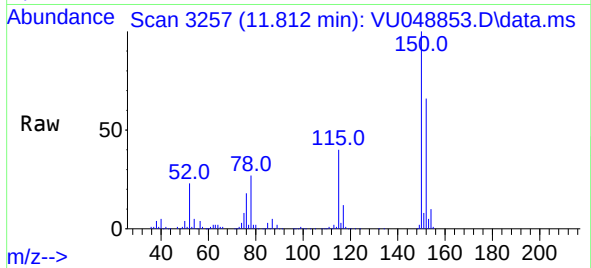
Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.3	67.9
119	32.0	25.4	38.2



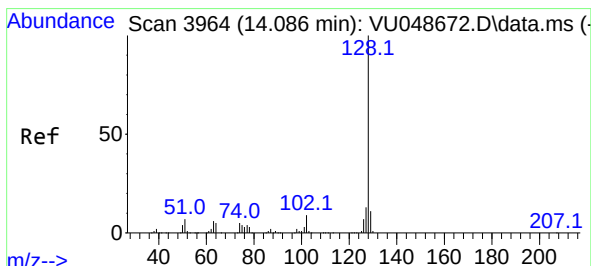
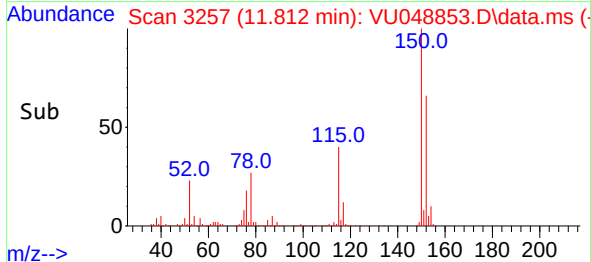
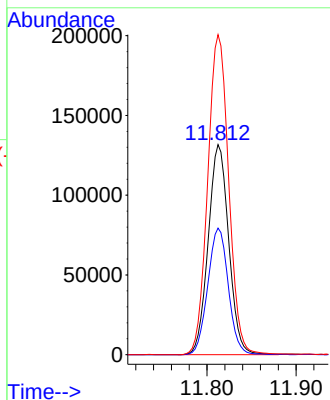


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048853.D
Acq: 03 Jun 2022 13:31

Instrument :
MSVOA_U
ClientSampleId :
PB145281TB



Tgt Ion:152 Resp: 210885
Ion Ratio Lower Upper
152 100
115 60.2 41.8 125.4
150 155.7 0.0 341.0



#95
Naphthalene
Concen: 7.230 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048853.D
Acq: 03 Jun 2022 13:31

Tgt Ion:128 Resp: 82126
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 8.7 13.1

