

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048803.D
 Acq On : 02 Jun 2022 15:01
 Operator : SY/MD
 Sample : PB145254TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB145254TB

Quant Time: Jun 03 01:16:08 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)

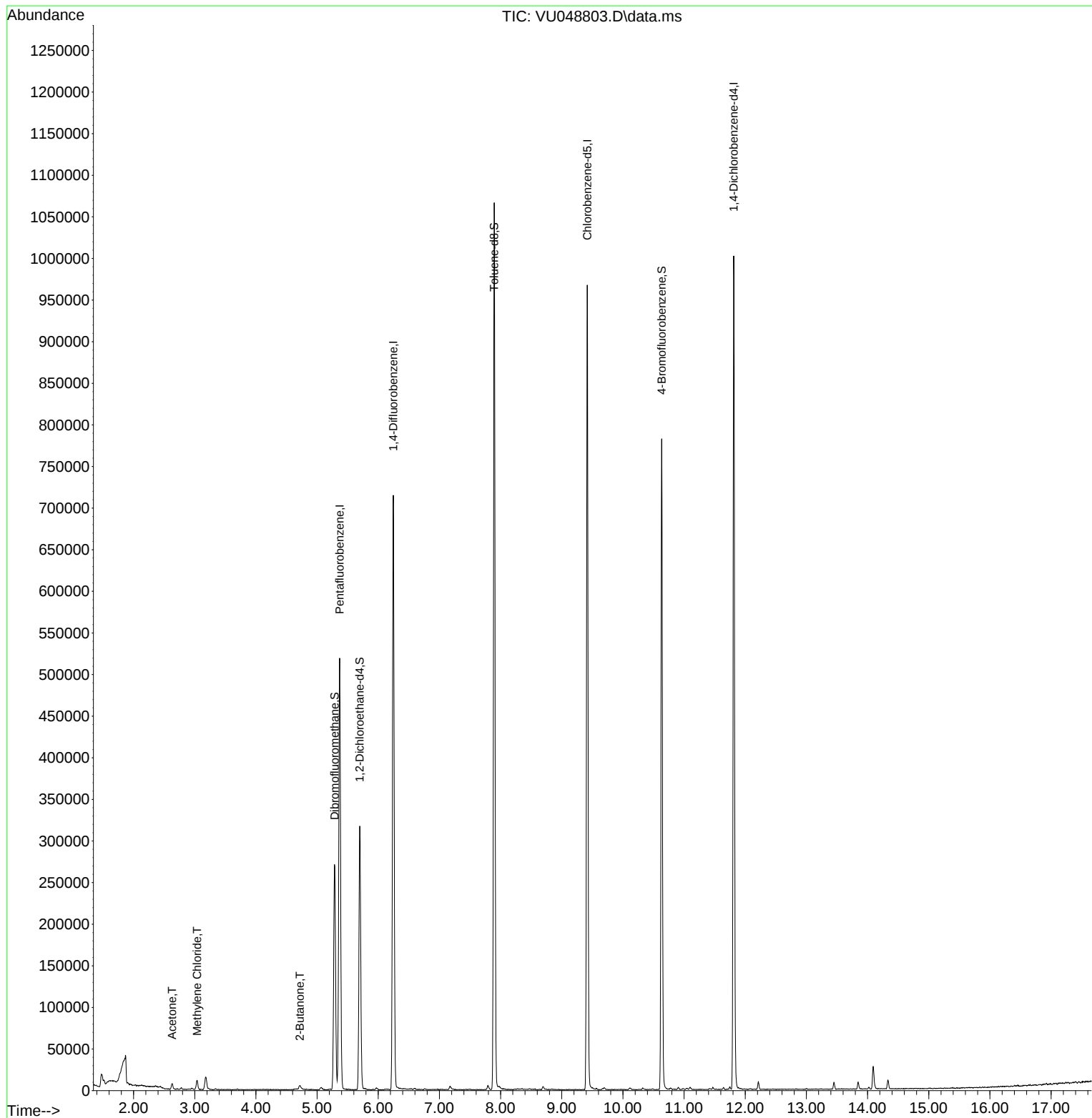
Internal Standards						
1) Pentafluorobenzene	5.369	168	352393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	581130	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	536442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	269816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	237394	44.857	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.720%
35) Dibromofluoromethane	5.285	113	179487	43.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.580%
50) Toluene-d8	7.896	98	702440	47.265	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.540%
62) 4-Bromofluorobenzene	10.635	95	269565	47.961	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.920%
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	7914	2.934	ug/l #	85
20) Methylene Chloride	3.038	84	5112	1.115	ug/l	95
25) 2-Butanone	4.716	43	9122	2.354	ug/l	98

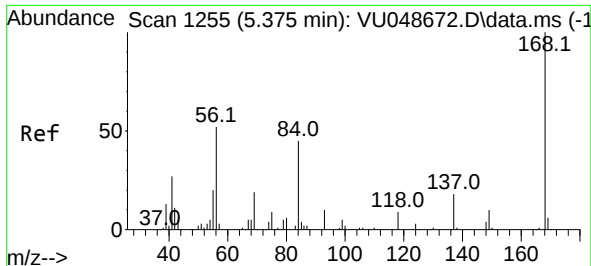
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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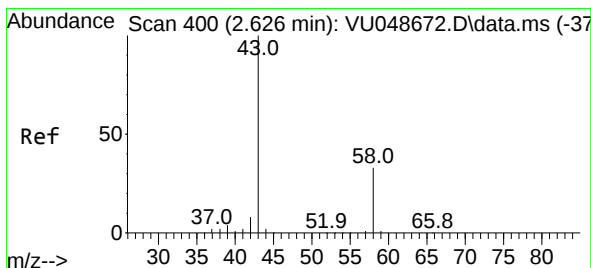
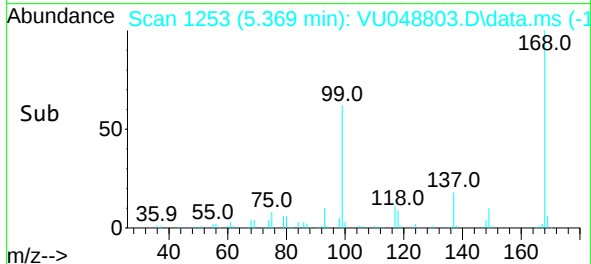
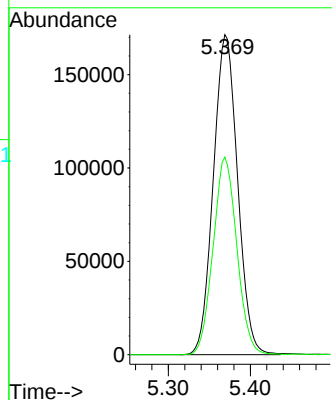
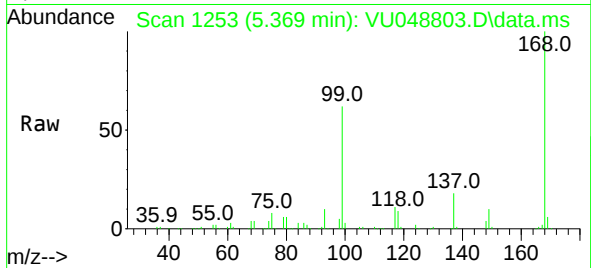




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048803.D
Acq: 02 Jun 2022 15:01

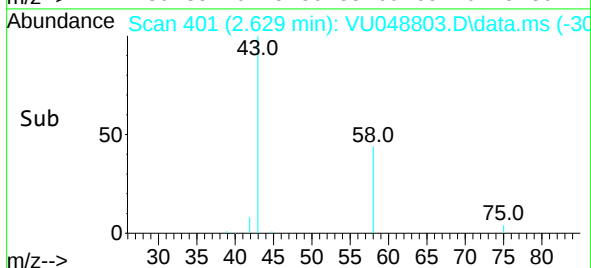
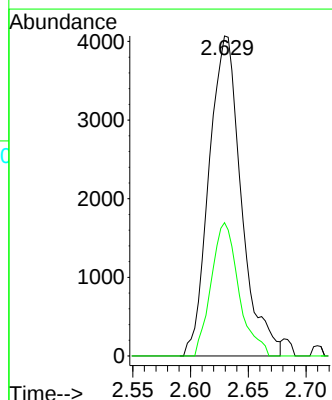
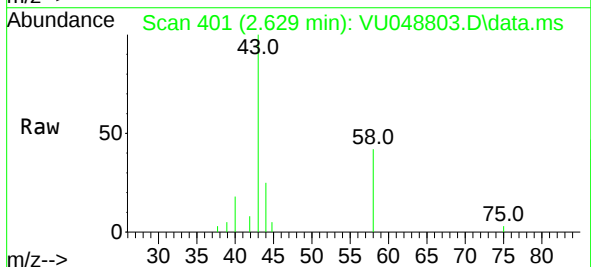
Instrument :
MSVOA_U
ClientSampleId :
PB145254TB

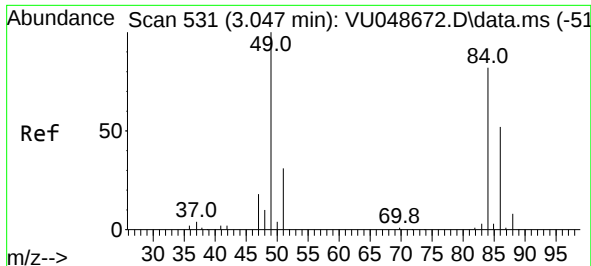
Tgt Ion:168 Resp: 352393
Ion Ratio Lower Upper
168 100
99 61.7 49.3 73.9



#16
Acetone
Concen: 2.934 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU048803.D
Acq: 02 Jun 2022 15:01

Tgt Ion: 43 Resp: 7914
Ion Ratio Lower Upper
43 100
58 41.6 26.3 39.5#





#20

Methylene Chloride

Concen: 1.115 ug/l

RT: 3.038 min Scan# 51

Delta R.T. -0.010 min

Lab File: VU048803.D

Acq: 02 Jun 2022 15:01

Instrument :

MSVOA_U

ClientSampleId :

PB145254TB

Tgt Ion: 84 Resp: 5112

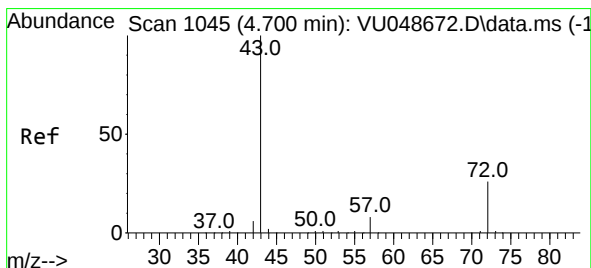
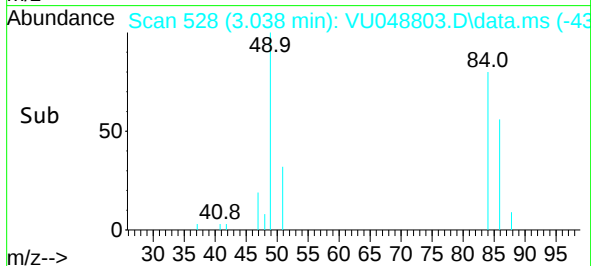
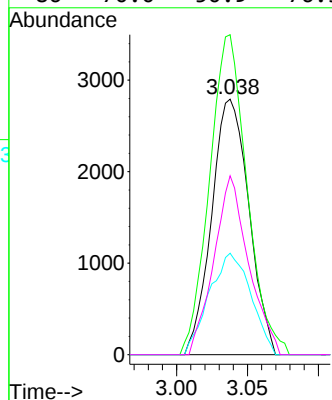
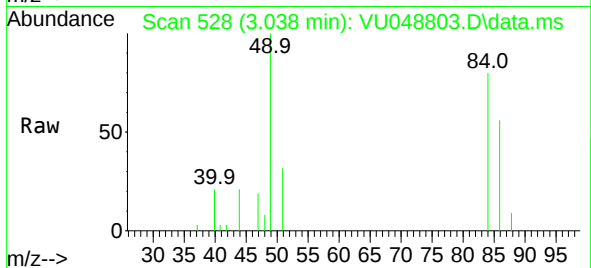
Ion Ratio Lower Upper

84 100

49 125.3 97.0 145.4

51 39.7 29.8 44.8

86 70.0 50.9 76.3



#25

2-Butanone

Concen: 2.354 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU048803.D

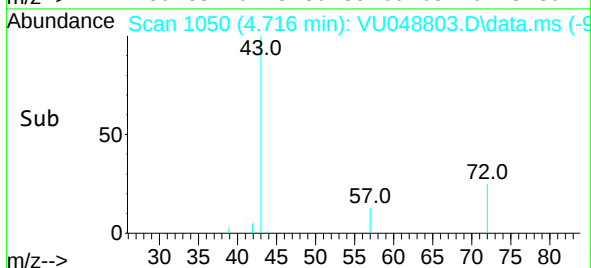
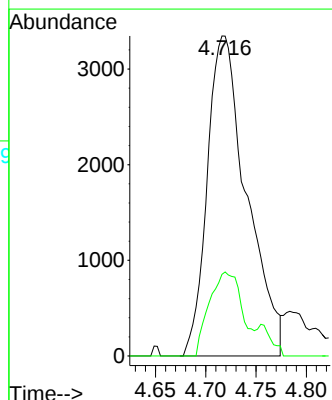
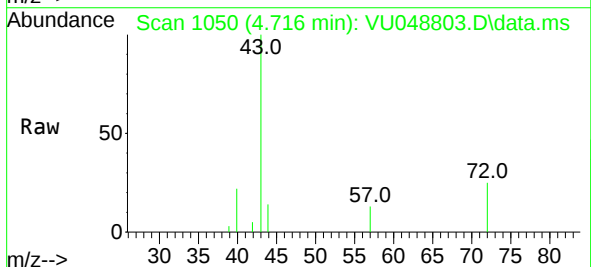
Acq: 02 Jun 2022 15:01

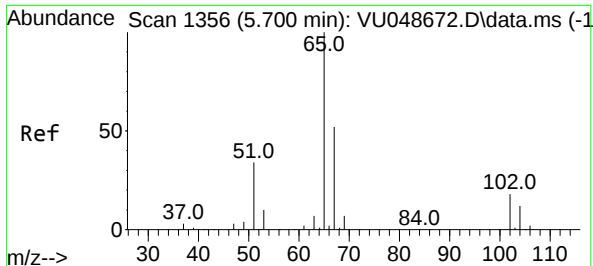
Tgt Ion: 43 Resp: 9122

Ion Ratio Lower Upper

43 100

72 25.5 21.1 31.7





#33

1,2-Dichloroethane-d4

Concen: 44.857 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048803.D

Acq: 02 Jun 2022 15:01

Instrument :

MSVOA_U

ClientSampleId :

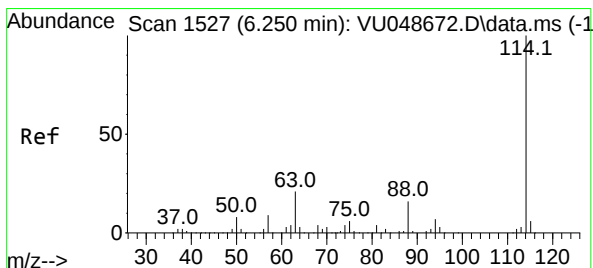
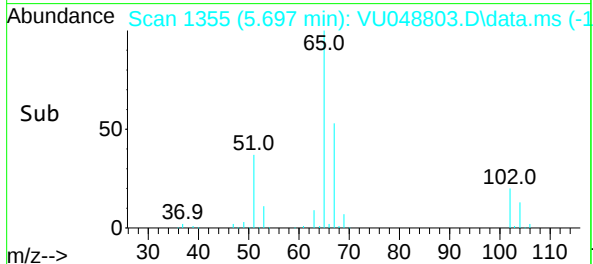
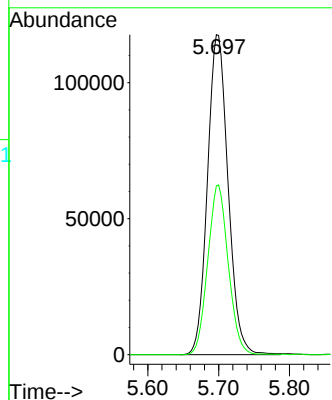
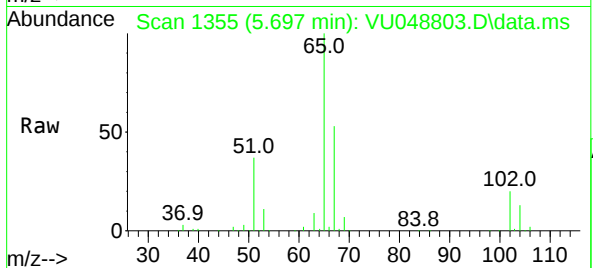
PB145254TB

Tgt Ion: 65 Resp: 237394

Ion Ratio Lower Upper

65 100

67 52.8 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: VU048803.D

Acq: 02 Jun 2022 15:01

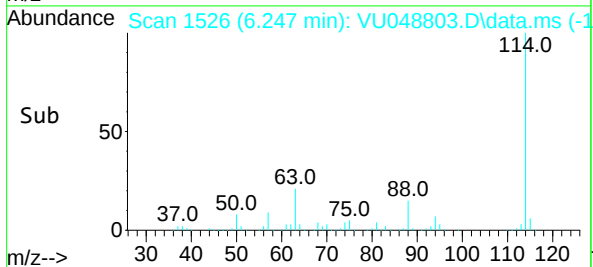
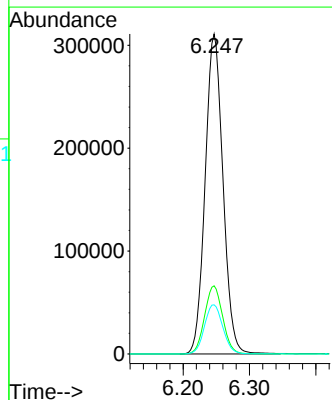
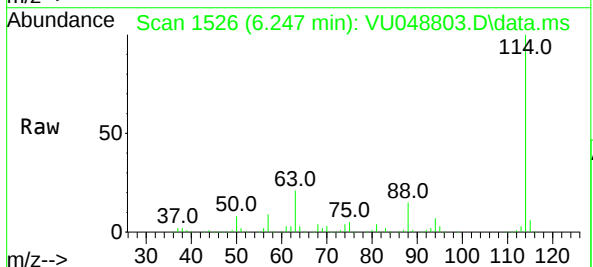
Tgt Ion: 114 Resp: 581130

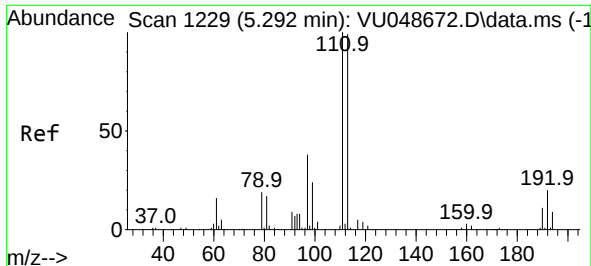
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.3 0.0 32.2

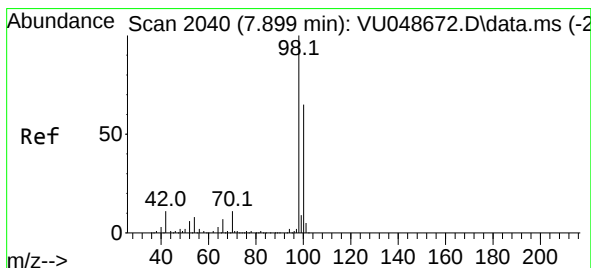
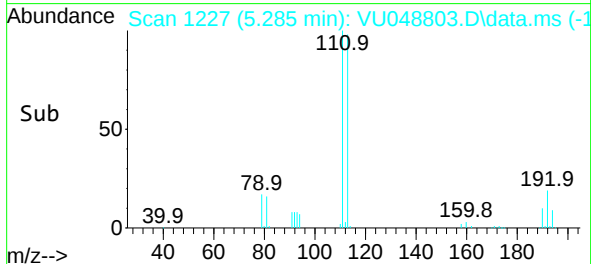
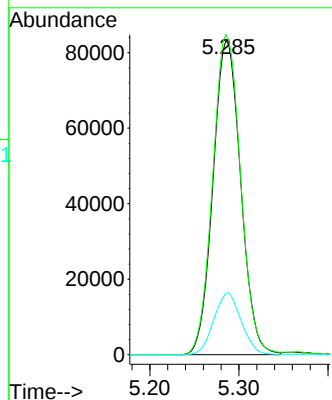
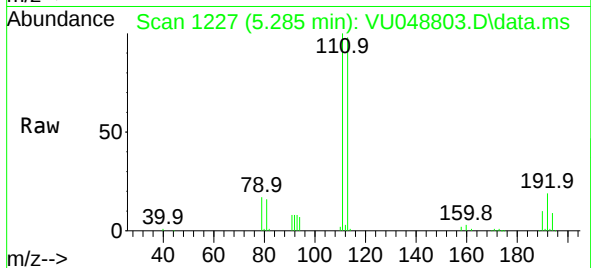




#35
Dibromofluoromethane
Concen: 43.293 ug/l
RT: 5.285 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU048803.D
Acq: 02 Jun 2022 15:01

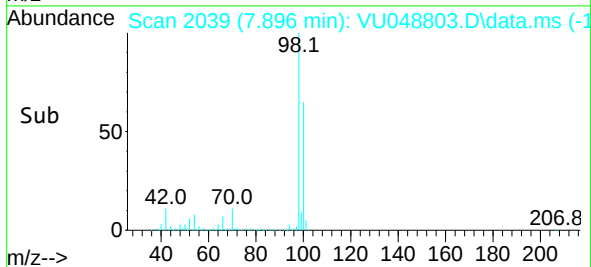
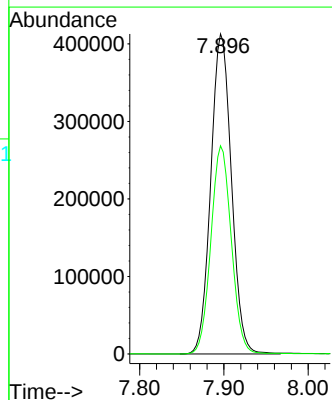
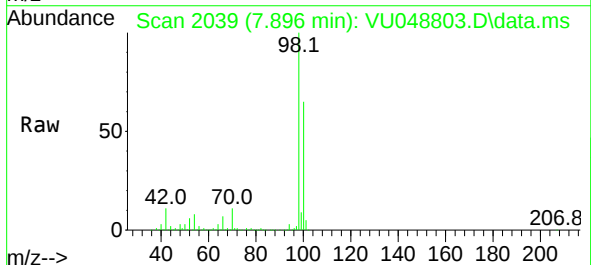
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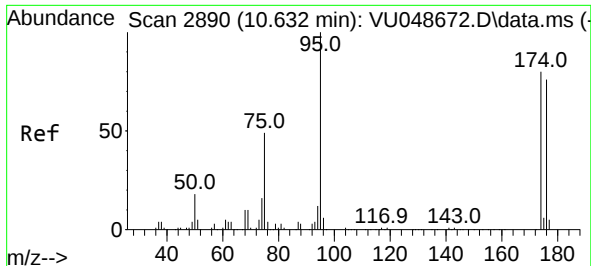
Tgt Ion:113 Resp: 179487
Ion Ratio Lower Upper
113 100
111 103.3 80.7 121.1
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 47.265 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048803.D
Acq: 02 Jun 2022 15:01

Tgt Ion: 98 Resp: 702440
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

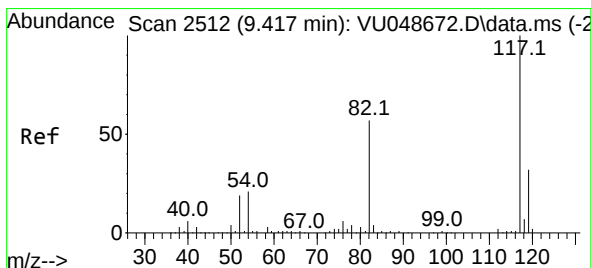
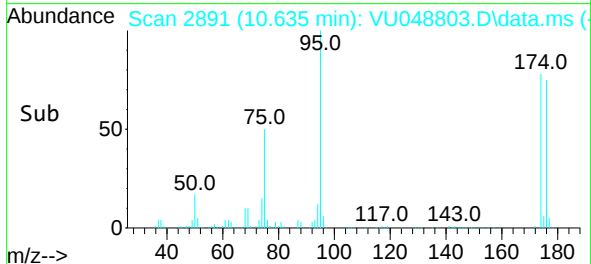
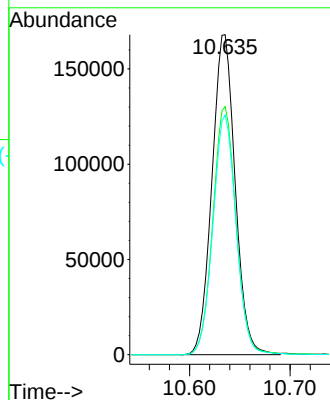
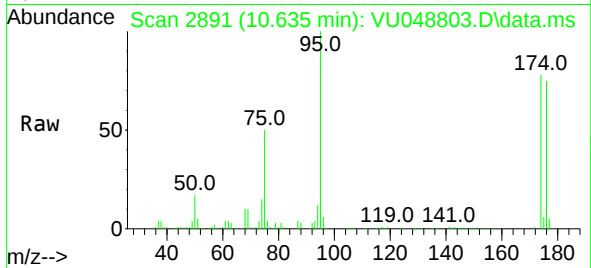




#62
4-Bromofluorobenzene
Concen: 47.961 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048803.D
Acq: 02 Jun 2022 15:01

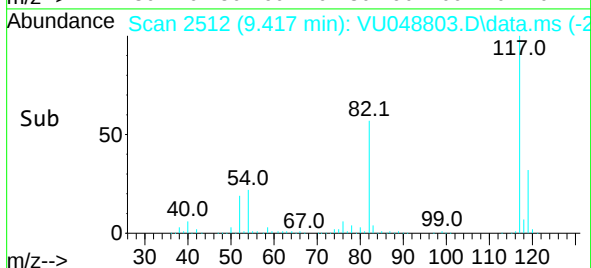
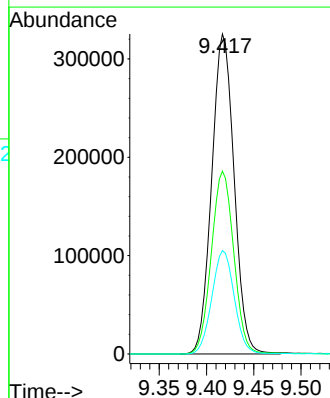
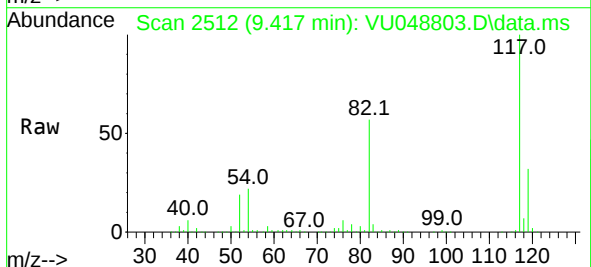
Instrument :
MSVOA_U
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PB145254TB

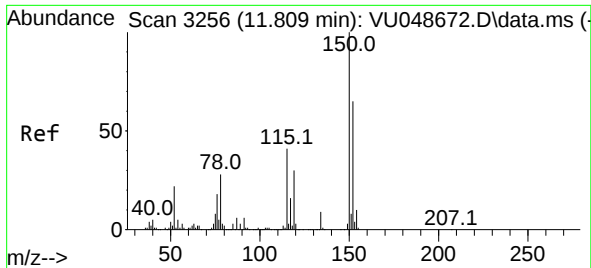
Tgt Ion: 95 Resp: 269565
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.4
176 74.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048803.D
Acq: 02 Jun 2022 15:01

Tgt Ion: 117 Resp: 536442
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 32.3 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: VU048803.D
 Acq: 02 Jun 2022 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 PB145254TB

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	41.8	125.4
150	157.2	0.0	341.0

