

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054340.D
 Acq On : 31 May 2023 16:12
 Operator : JC/MD
 Sample : 02912-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EB02-20230523

Quant Time: Jun 01 05:22:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

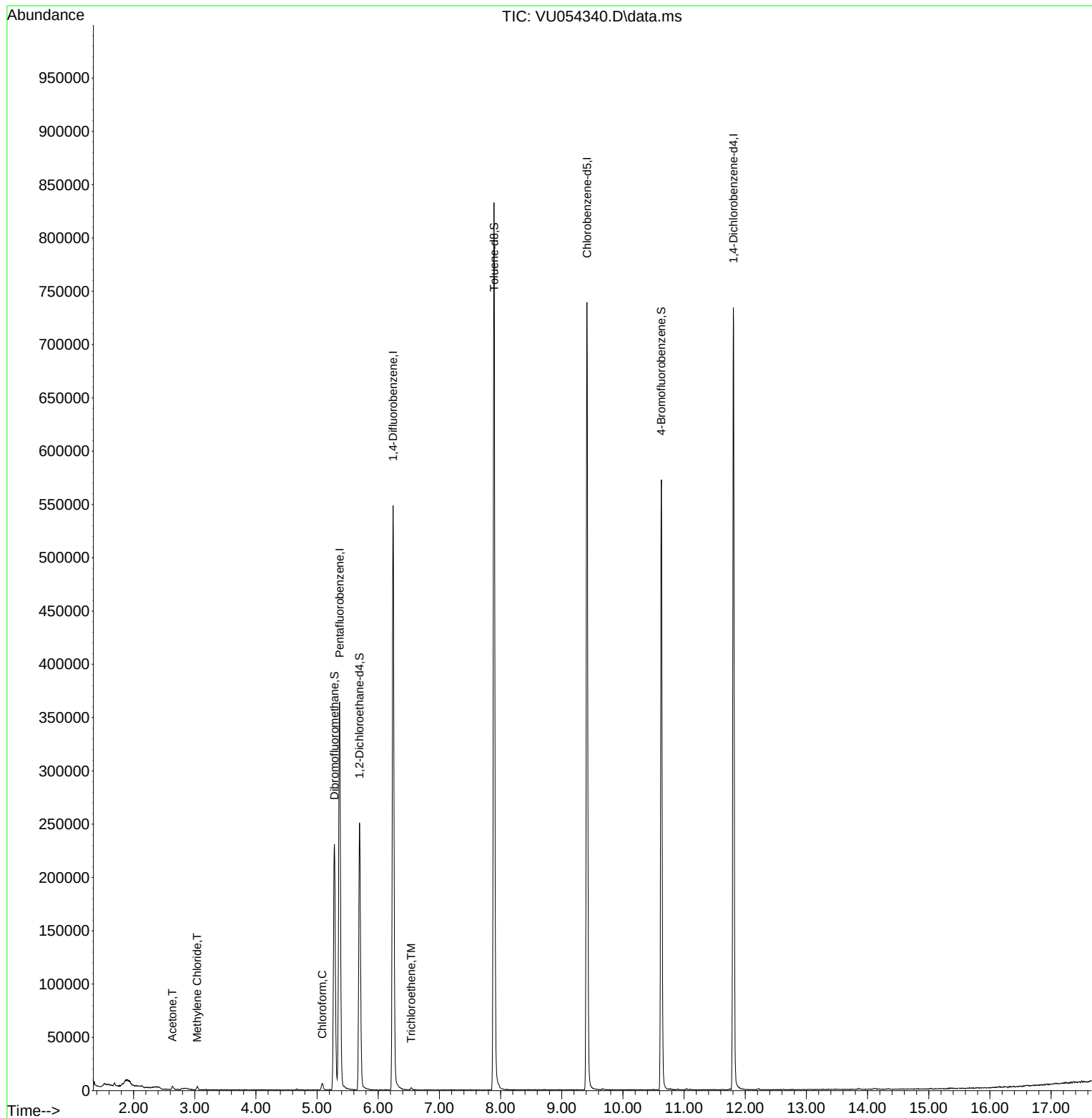
Internal Standards						
1) Pentafluorobenzene	5.369	168	268349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	455644	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	426622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	203202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	187024	53.165	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.340%	
35) Dibromofluoromethane	5.282	113	152854	52.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.180%	
50) Toluene-d8	7.893	98	563512	50.490	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	10.629	95	192932	44.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.160%	
Target Compounds						
					Qvalue	
16) Acetone	2.636	43	4016	1.992	ug/l	91
20) Methylene Chloride	3.038	84	1385	0.381	ug/l #	74
30) Chloroform	5.086	83	5909	1.023	ug/l	90
44) Trichloroethene	6.539	130	795	0.216	ug/l	68

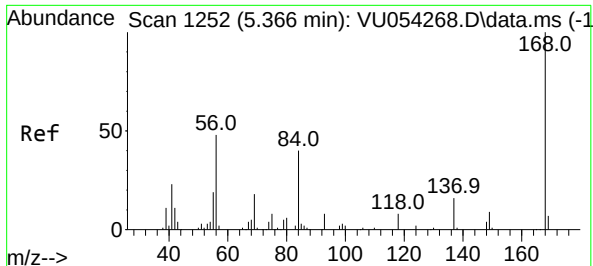
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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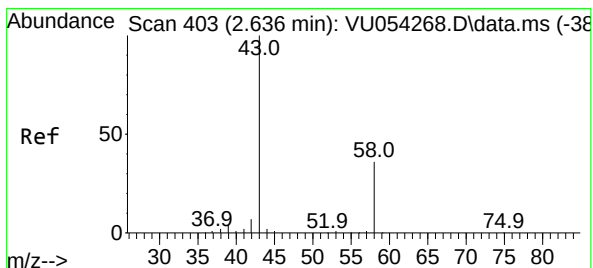
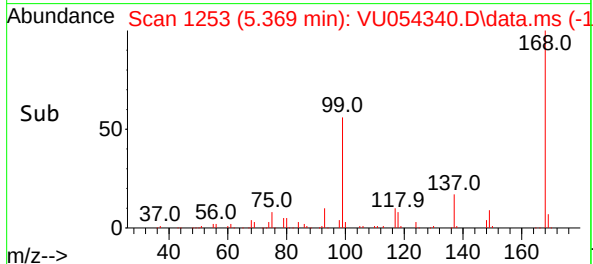
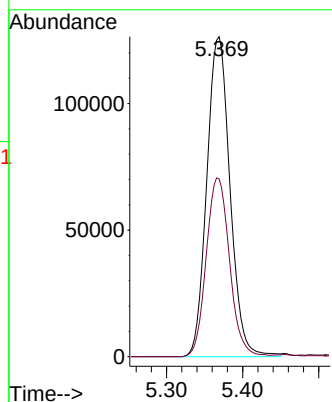
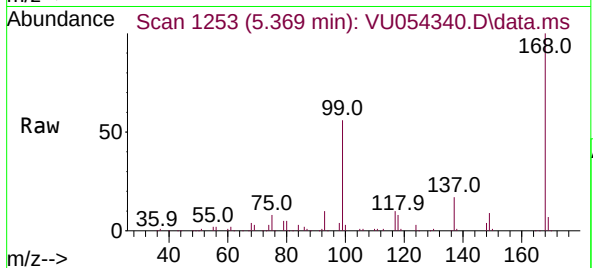




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054340.D
Acq: 31 May 2023 16:12

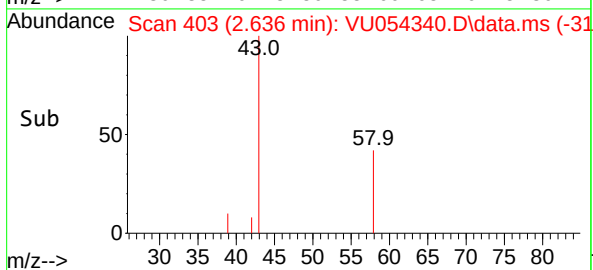
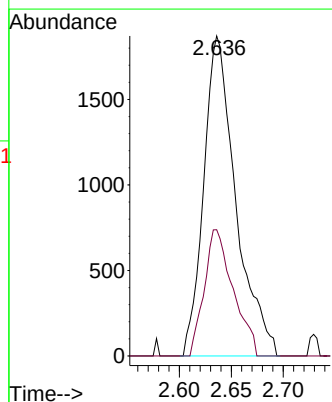
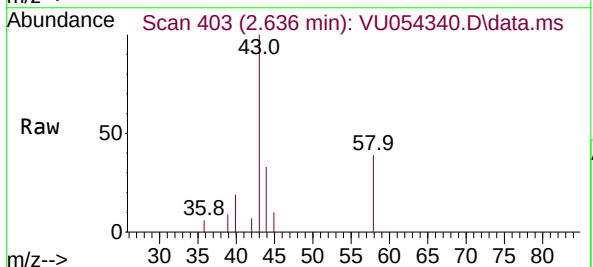
Instrument :
MSVOA_U
ClientSampleId :
EB02-20230523

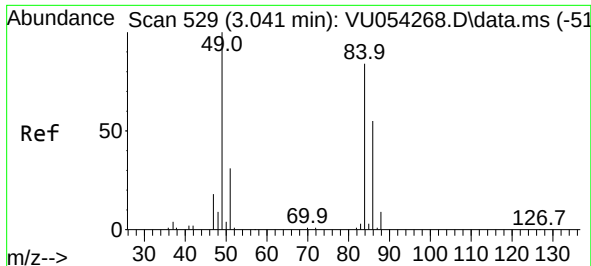
Tgt Ion:168 Resp: 268349
Ion Ratio Lower Upper
168 100
99 55.6 39.3 58.9



#16
Acetone
Concen: 1.992 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU054340.D
Acq: 31 May 2023 16:12

Tgt Ion: 43 Resp: 4016
Ion Ratio Lower Upper
43 100
58 39.4 27.5 41.3

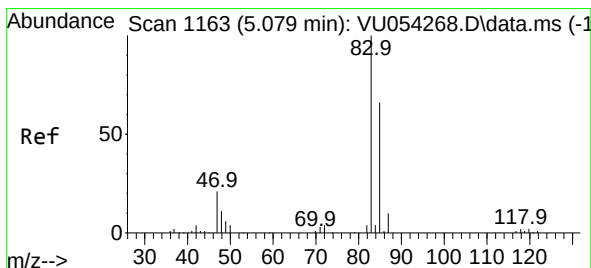
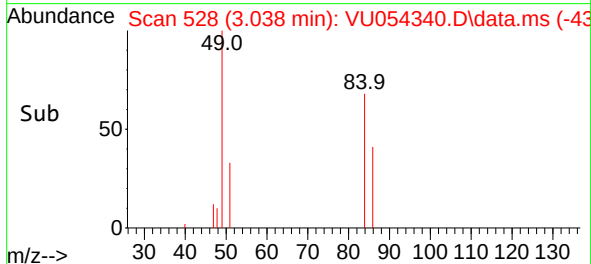
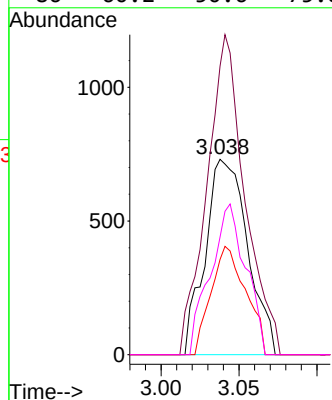
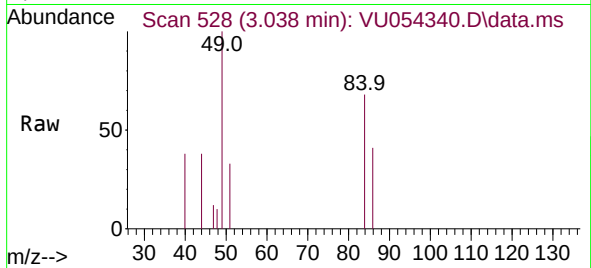




#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 3.038 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU054340.D
Acq: 31 May 2023 16:12

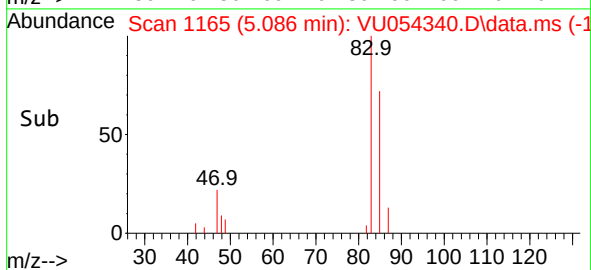
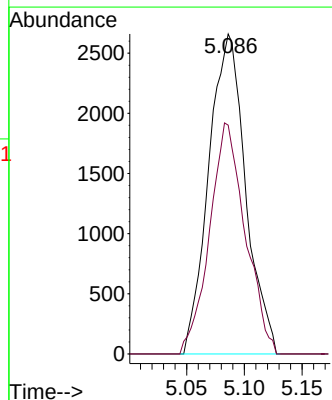
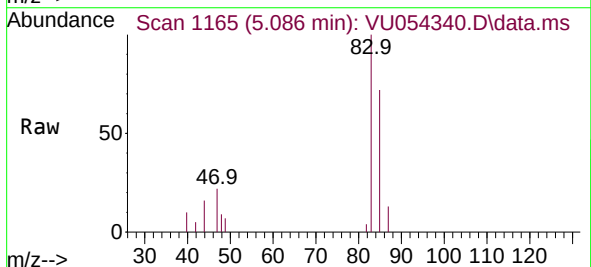
Instrument :
MSVOA_U
ClientSampleId :
EB02-20230523

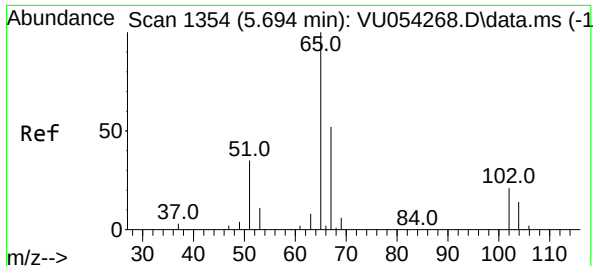
Tgt Ion: 84	Resp:	1385
Ion	Ratio	Lower Upper
84	100	
49	147.6	86.6 129.8#
51	48.7	26.6 40.0#
86	60.2	50.6 75.8



#30
Chloroform
Concen: 1.023 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. 0.007 min
Lab File: VU054340.D
Acq: 31 May 2023 16:12

Tgt Ion: 83	Resp:	5909
Ion	Ratio	Lower Upper
83	100	
85	71.5	51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 53.165 ug/l

RT: 5.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054340.D

Acq: 31 May 2023 16:12

Instrument :

MSVOA_U

ClientSampleId :

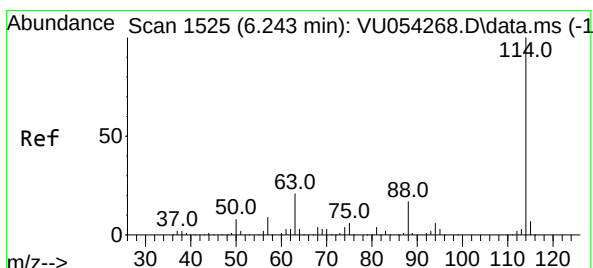
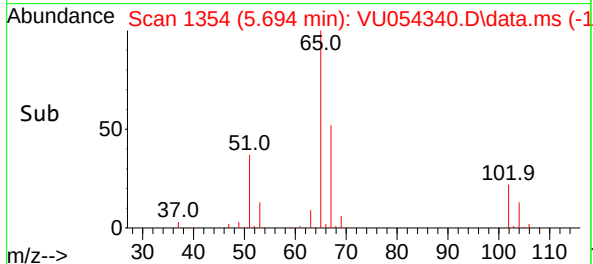
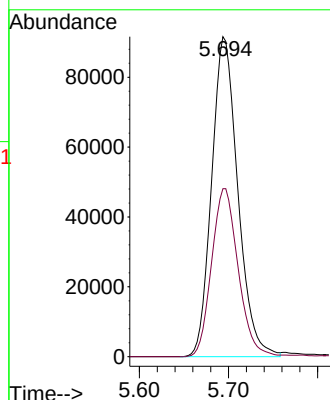
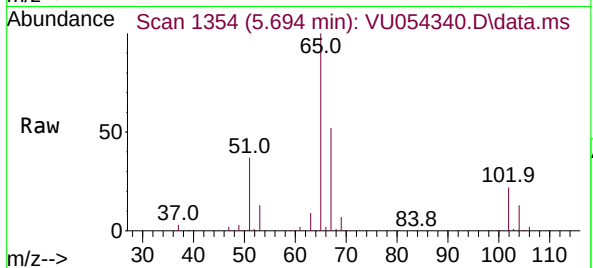
EB02-20230523

Tgt Ion: 65 Resp: 187024

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054340.D

Acq: 31 May 2023 16:12

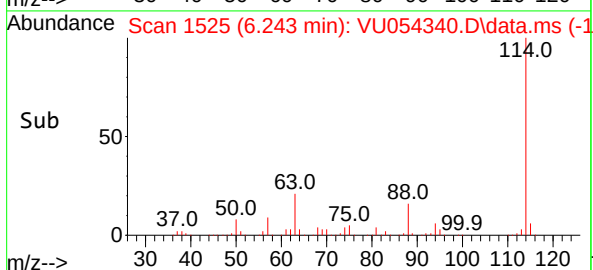
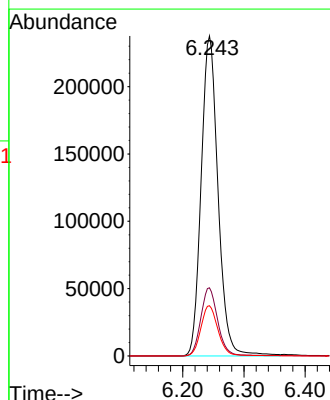
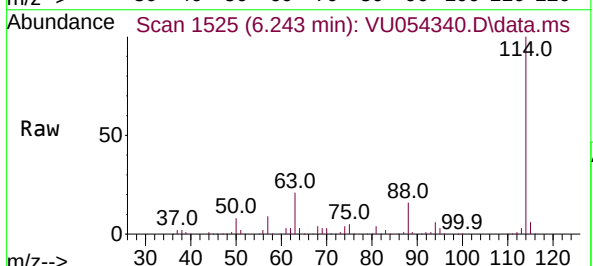
Tgt Ion: 114 Resp: 455644

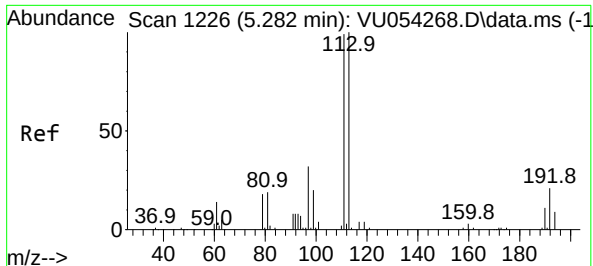
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 15.7 0.0 29.2

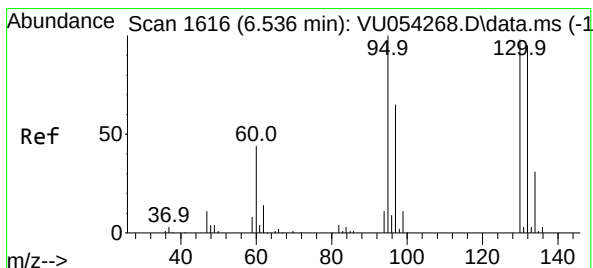
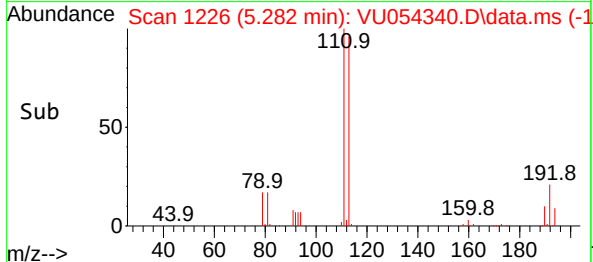
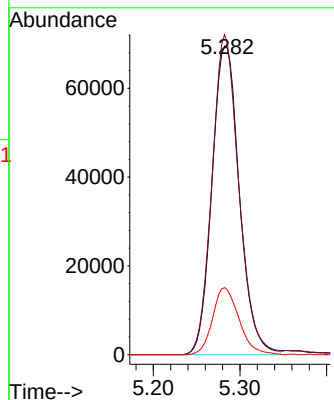
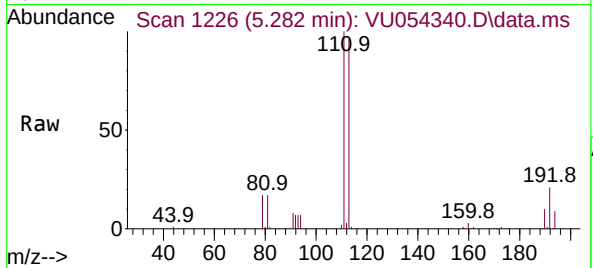




#35
 Dibromofluoromethane
 Concen: 52.093 ug/l
 RT: 5.282 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU054340.D
 Acq: 31 May 2023 16:12

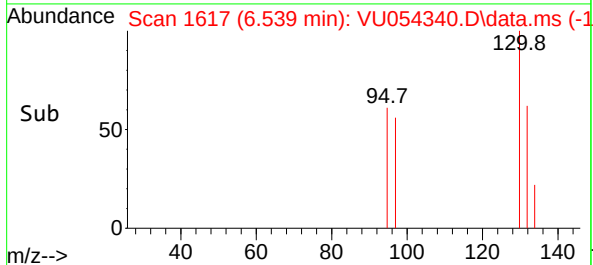
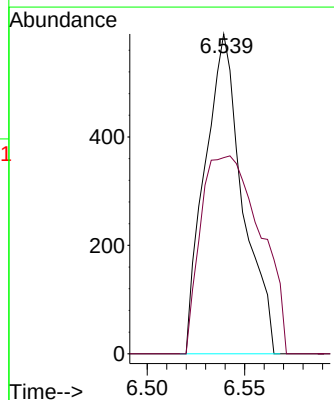
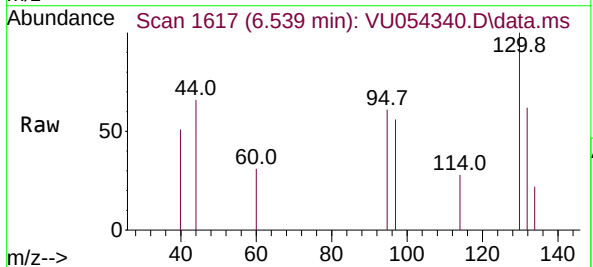
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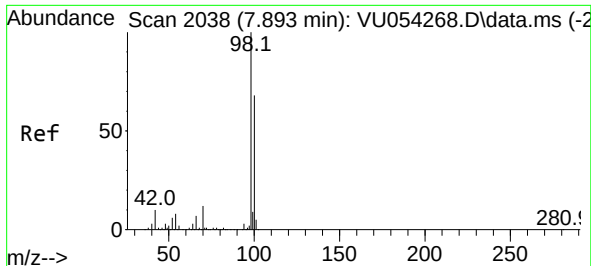
Tgt Ion:113 Resp: 152854
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.1 123.1
 192 21.0 18.0 27.0



#44
 Trichloroethene
 Concen: 0.216 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.003 min
 Lab File: VU054340.D
 Acq: 31 May 2023 16:12

Tgt Ion:130 Resp: 795
 Ion Ratio Lower Upper
 130 100
 95 61.4 0.0 184.6

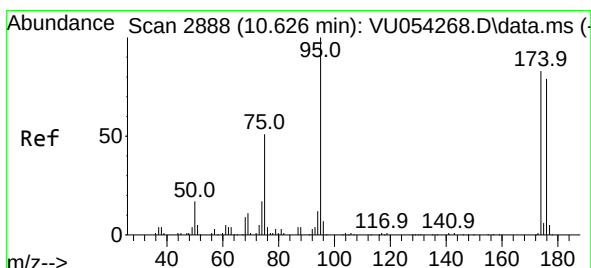
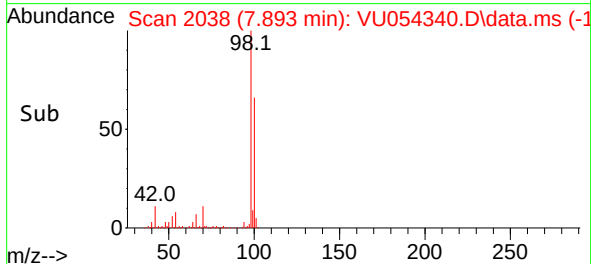
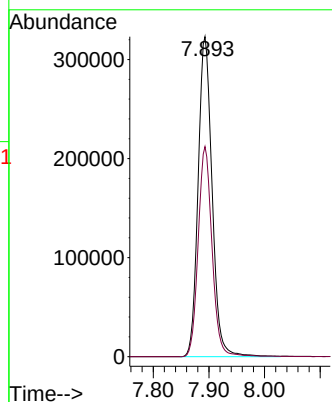
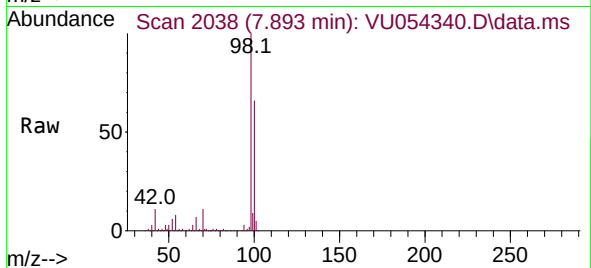




#50
Toluene-d8
Concen: 50.490 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054340.D
Acq: 31 May 2023 16:12

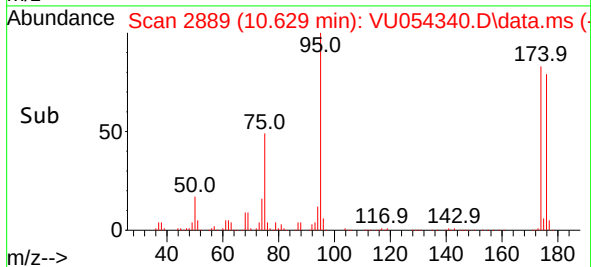
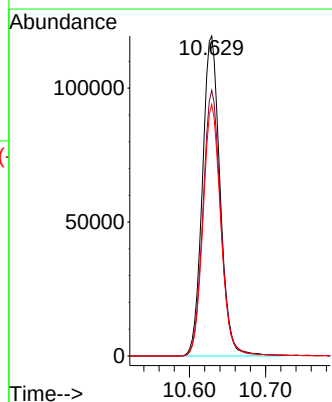
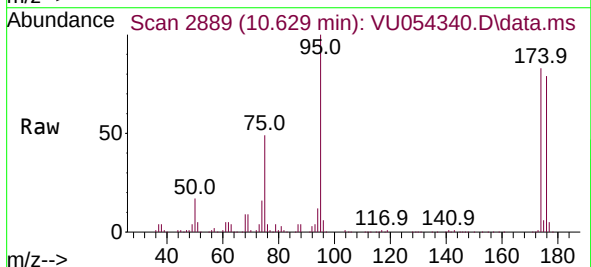
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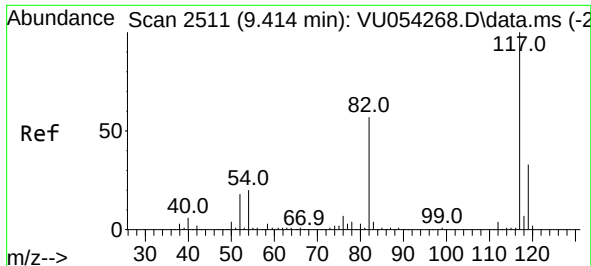
Tgt Ion: 98 Resp: 563512
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.582 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054340.D
Acq: 31 May 2023 16:12

Tgt Ion: 95 Resp: 192932
Ion Ratio Lower Upper
95 100
174 84.1 0.0 182.0
176 78.8 0.0 177.8

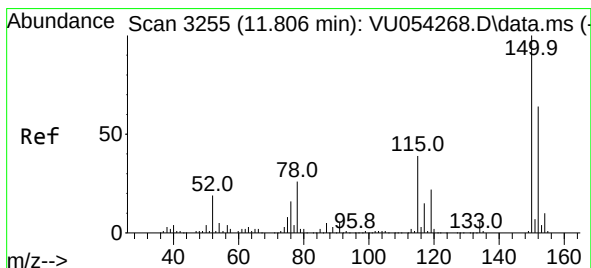
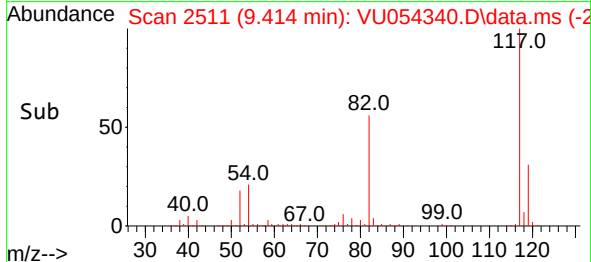
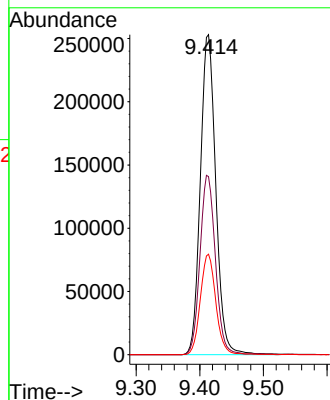
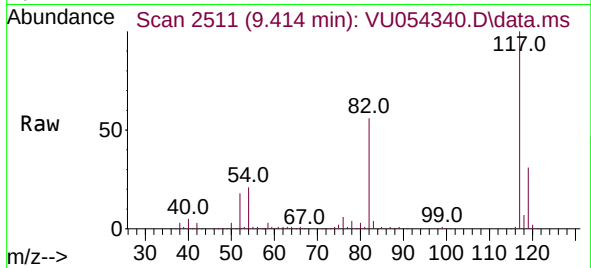




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054340.D
Acq: 31 May 2023 16:12

Instrument :
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Tgt Ion:117 Resp: 426622
Ion Ratio Lower Upper
117 100
82 55.7 41.7 62.5
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054340.D
Acq: 31 May 2023 16:12

Tgt Ion:152 Resp: 203202
Ion Ratio Lower Upper
152 100
115 57.1 37.0 110.9
150 153.9 0.0 342.2

