

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054316.D
 Acq On : 30 May 2023 16:09
 Operator : JC/MD
 Sample : 02912-09DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D3-20230523DL

Quant Time: May 31 06:28:09 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)

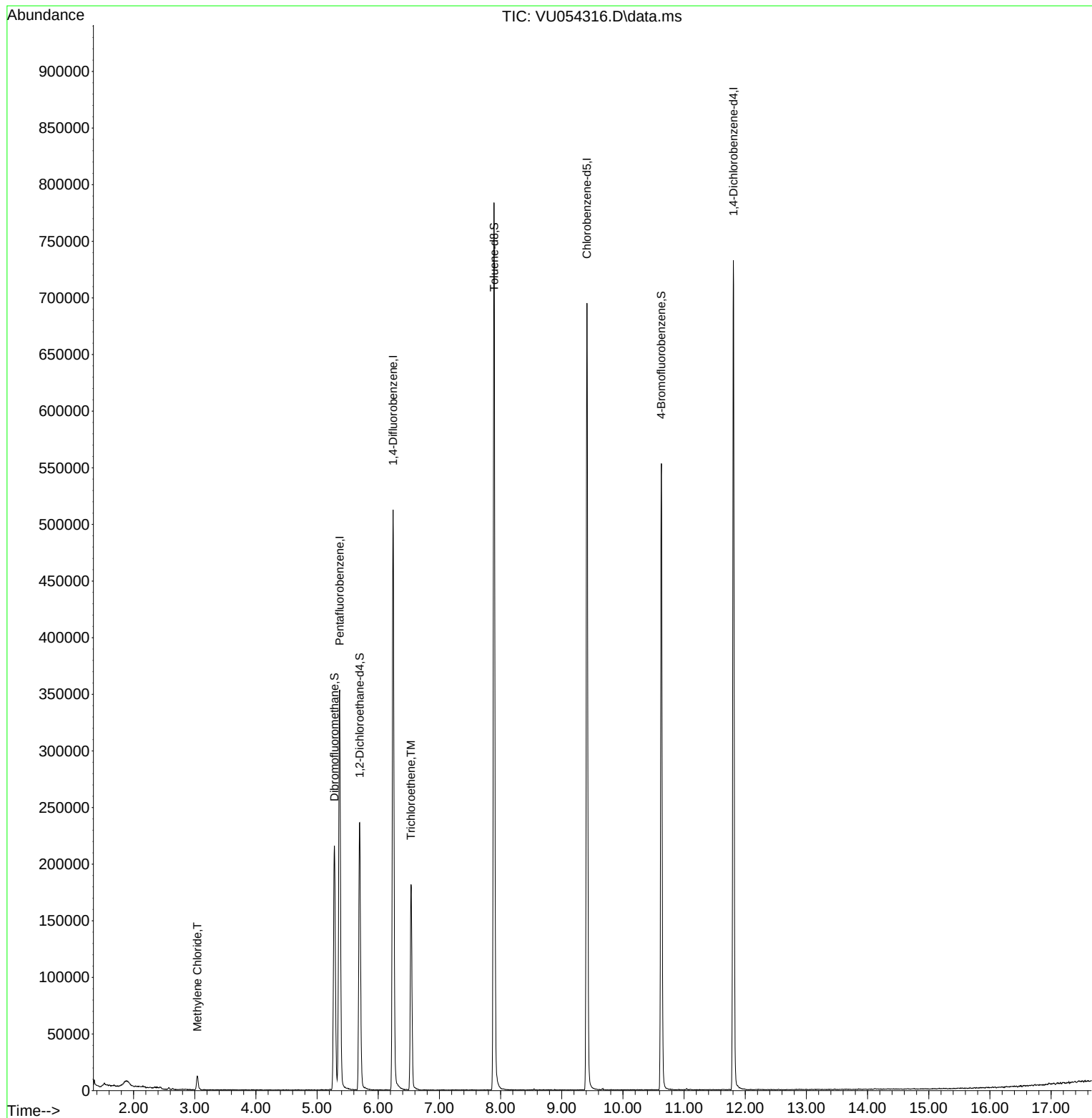
Internal Standards						
1) Pentafluorobenzene	5.369	168	256409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	432916	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	405315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	200171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	178116	52.991	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.980%			
35) Dibromofluoromethane	5.282	113	142154	50.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	7.893	98	527997	49.791	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.580%			
62) 4-Bromofluorobenzene	10.629	95	185811	45.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.380%			
Target Compounds						
20) Methylene Chloride	3.041	84	6729	1.936	ug/l	89
44) Trichloroethene	6.536	130	63615	18.220	ug/l	89

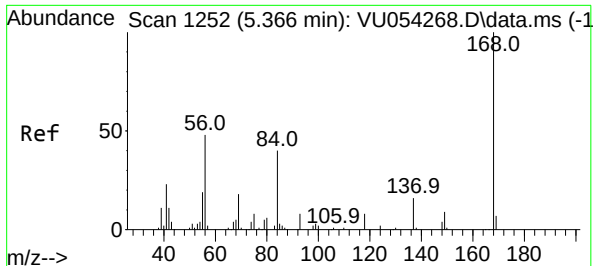
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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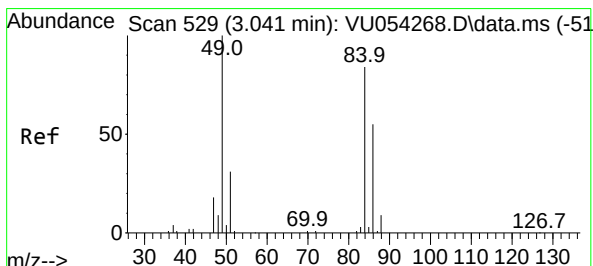
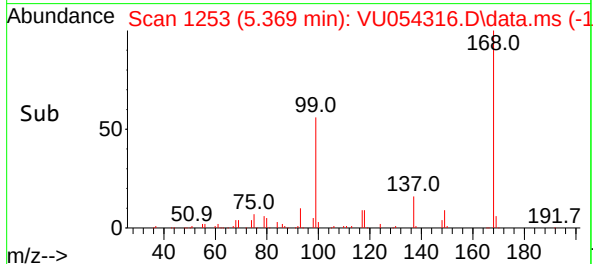
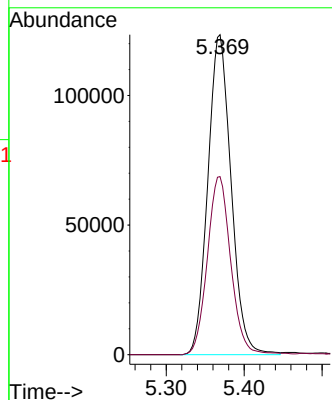
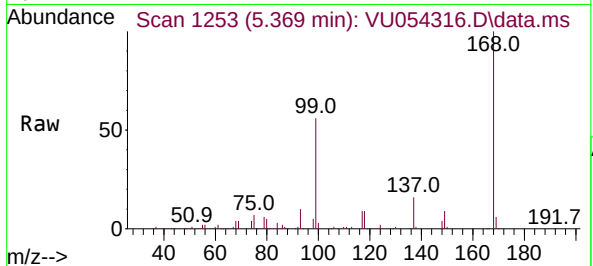




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054316.D
Acq: 30 May 2023 16:09

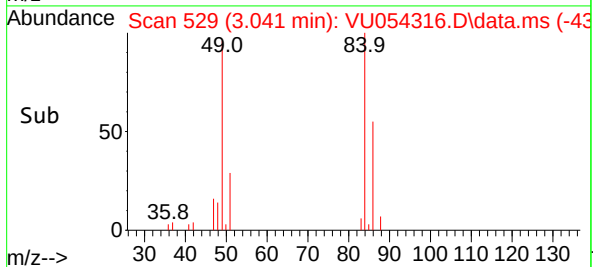
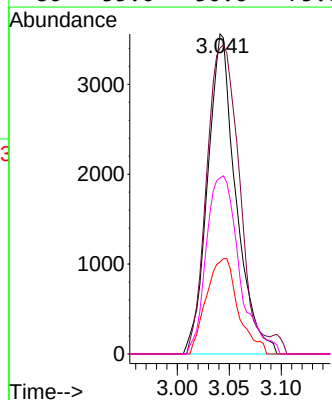
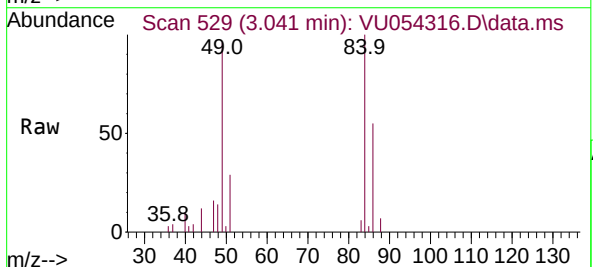
Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20230523DL

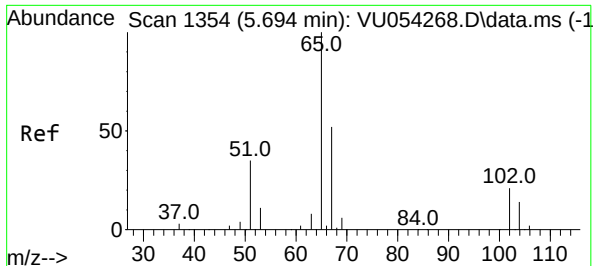
Tgt Ion:168 Resp: 256409
Ion Ratio Lower Upper
168 100
99 55.6 39.3 58.9



#20
Methylene Chloride
Concen: 1.936 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054316.D
Acq: 30 May 2023 16:09

Tgt Ion: 84 Resp: 6729
Ion Ratio Lower Upper
84 100
49 95.6 86.6 129.8
51 28.8 26.6 40.0
86 55.0 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 52.991 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054316.D

Acq: 30 May 2023 16:09

Instrument :

MSVOA_U

ClientSampleId :

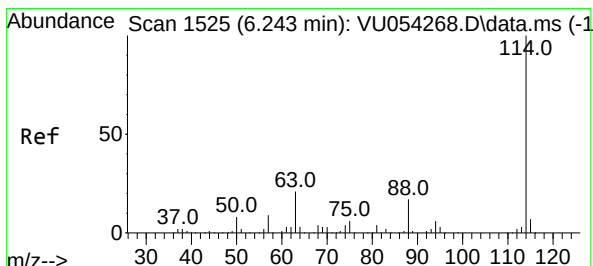
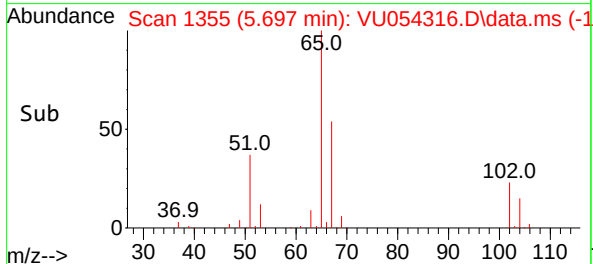
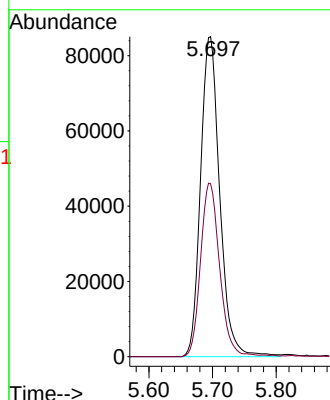
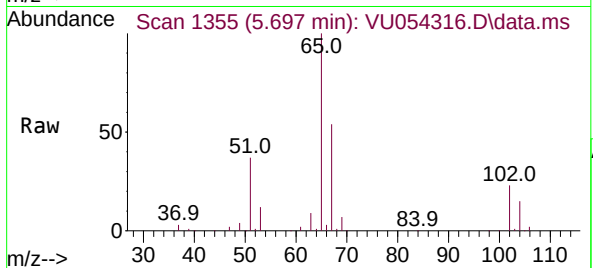
RE103D3-20230523DL

Tgt Ion: 65 Resp: 178116

Ion Ratio Lower Upper

65 100

67 53.9 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: VU054316.D

Acq: 30 May 2023 16:09

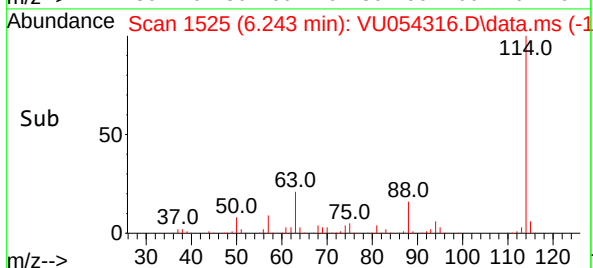
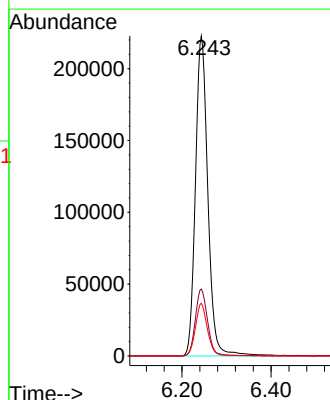
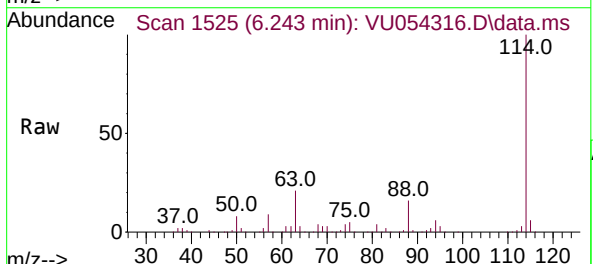
Tgt Ion: 114 Resp: 432916

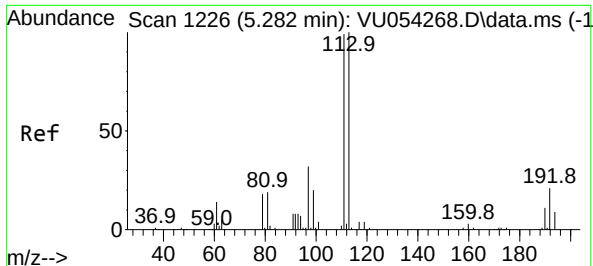
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

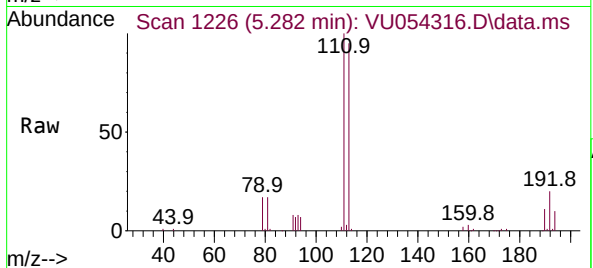
88 16.4 0.0 29.2



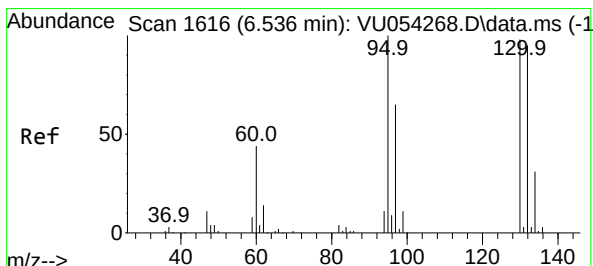
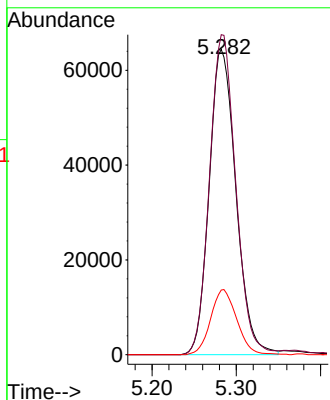
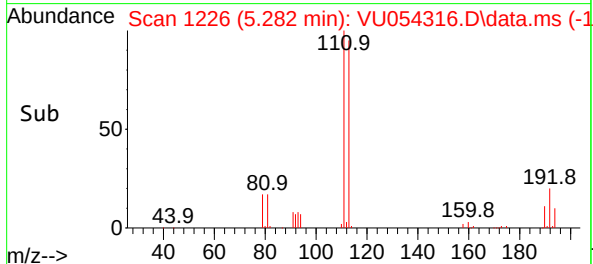


#35
Dibromofluoromethane
Concen: 50.990 ug/l
RT: 5.282 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054316.D
Acq: 30 May 2023 16:09

Instrument :
MSVOA_U
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RE103D3-20230523DL

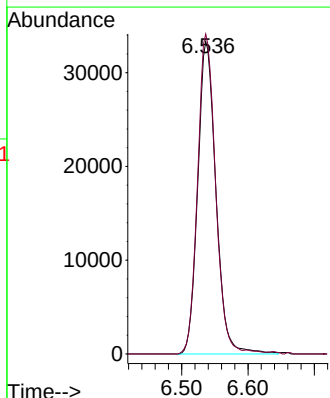
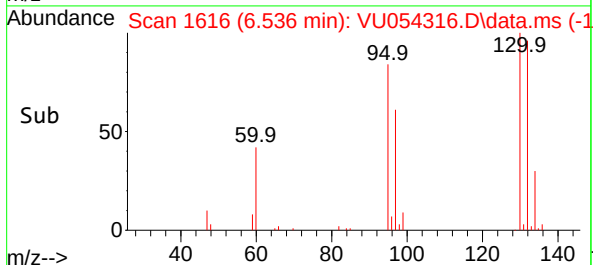
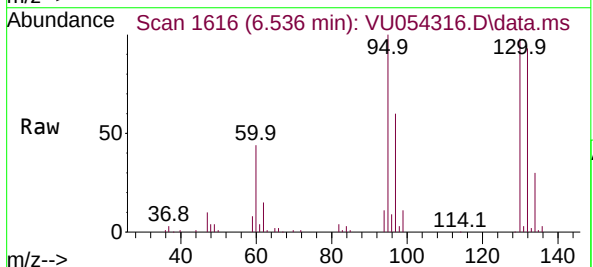


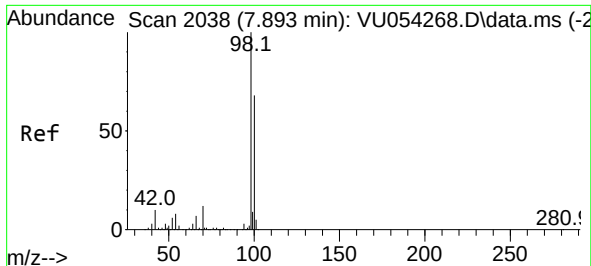
Tgt Ion:113 Resp: 142154
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 20.8 18.0 27.0



#44
Trichloroethene
Concen: 18.220 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU054316.D
Acq: 30 May 2023 16:09

Tgt Ion:130 Resp: 63615
Ion Ratio Lower Upper
130 100
95 102.4 0.0 184.6

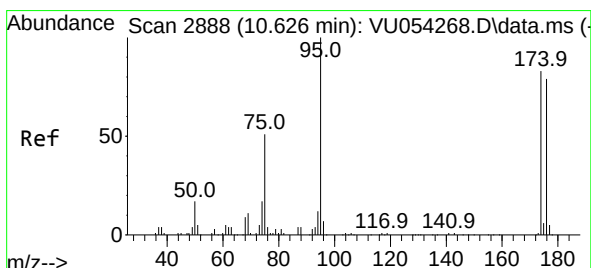
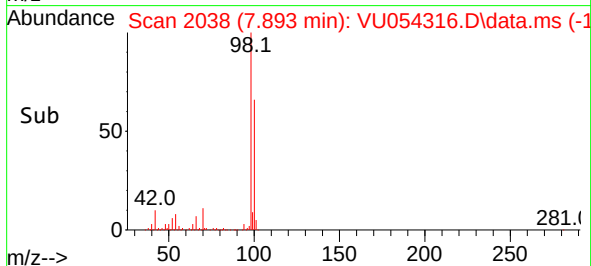
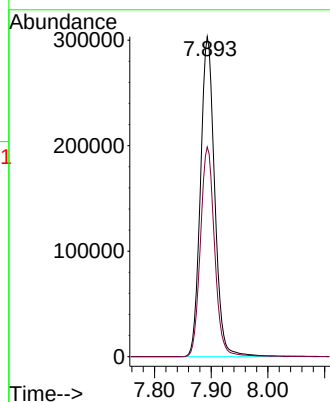
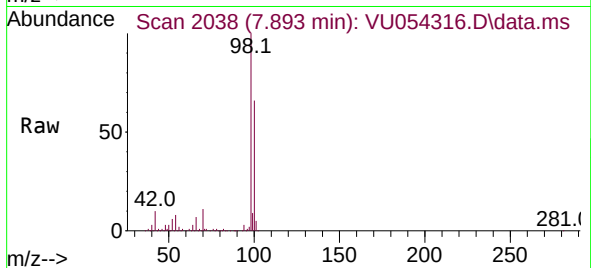




#50
Toluene-d8
Concen: 49.791 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054316.D
Acq: 30 May 2023 16:09

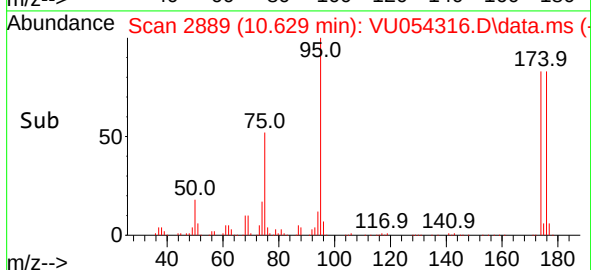
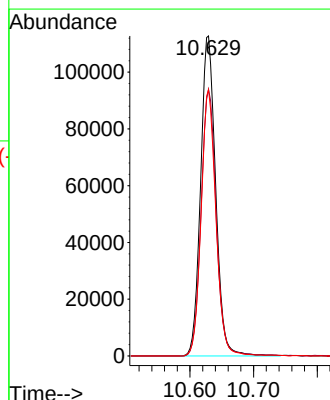
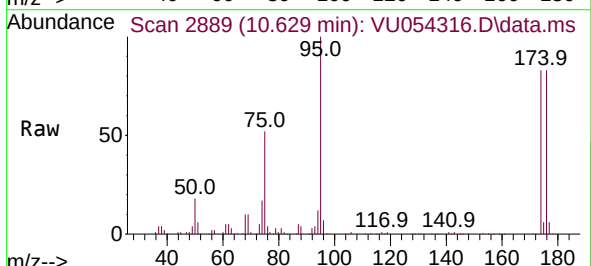
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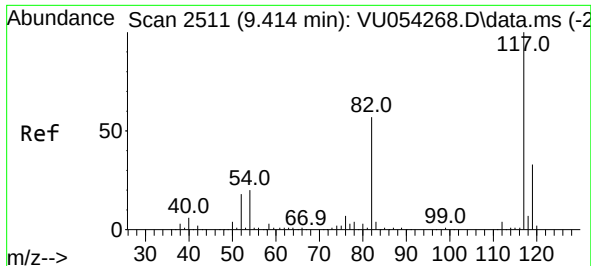
Tgt Ion: 98 Resp: 527997
Ion Ratio Lower Upper
98 100
100 65.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.191 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054316.D
Acq: 30 May 2023 16:09

Tgt Ion: 95 Resp: 185811
Ion Ratio Lower Upper
95 100
174 83.1 0.0 182.0
176 81.4 0.0 177.8

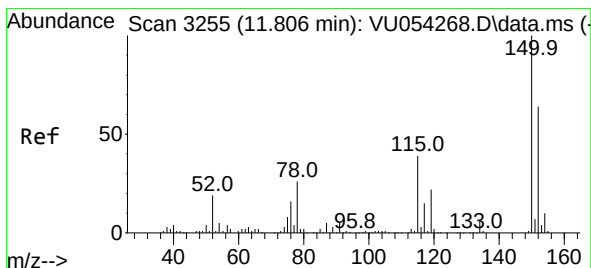
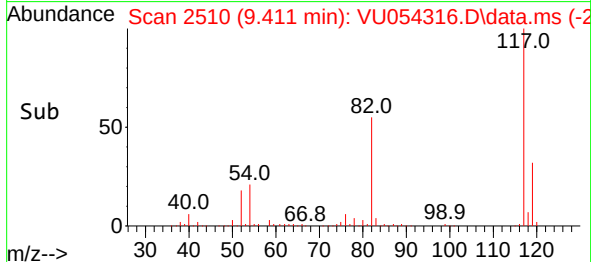
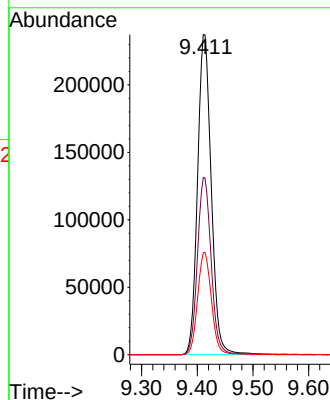
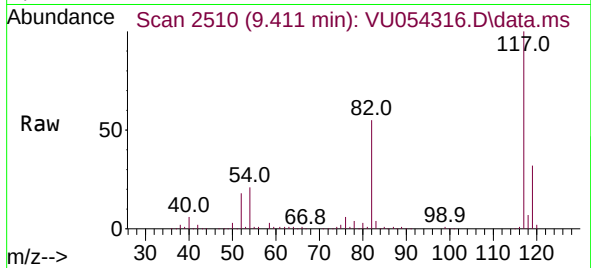




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054316.D
Acq: 30 May 2023 16:09

Instrument :
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ClientSampleId :
RE103D3-20230523DL

Tgt Ion:117 Resp: 405315
Ion Ratio Lower Upper
117 100
82 55.3 41.7 62.5
119 31.8 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: VU054316.D
Acq: 30 May 2023 16:09

Tgt Ion:152 Resp: 200171
Ion Ratio Lower Upper
152 100
115 58.3 37.0 110.9
150 157.6 0.0 342.2

