

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054315.D
 Acq On : 30 May 2023 15:45
 Operator : JC/MD
 Sample : 02912-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D3-20230523

Quant Time: May 31 06:27:47 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)

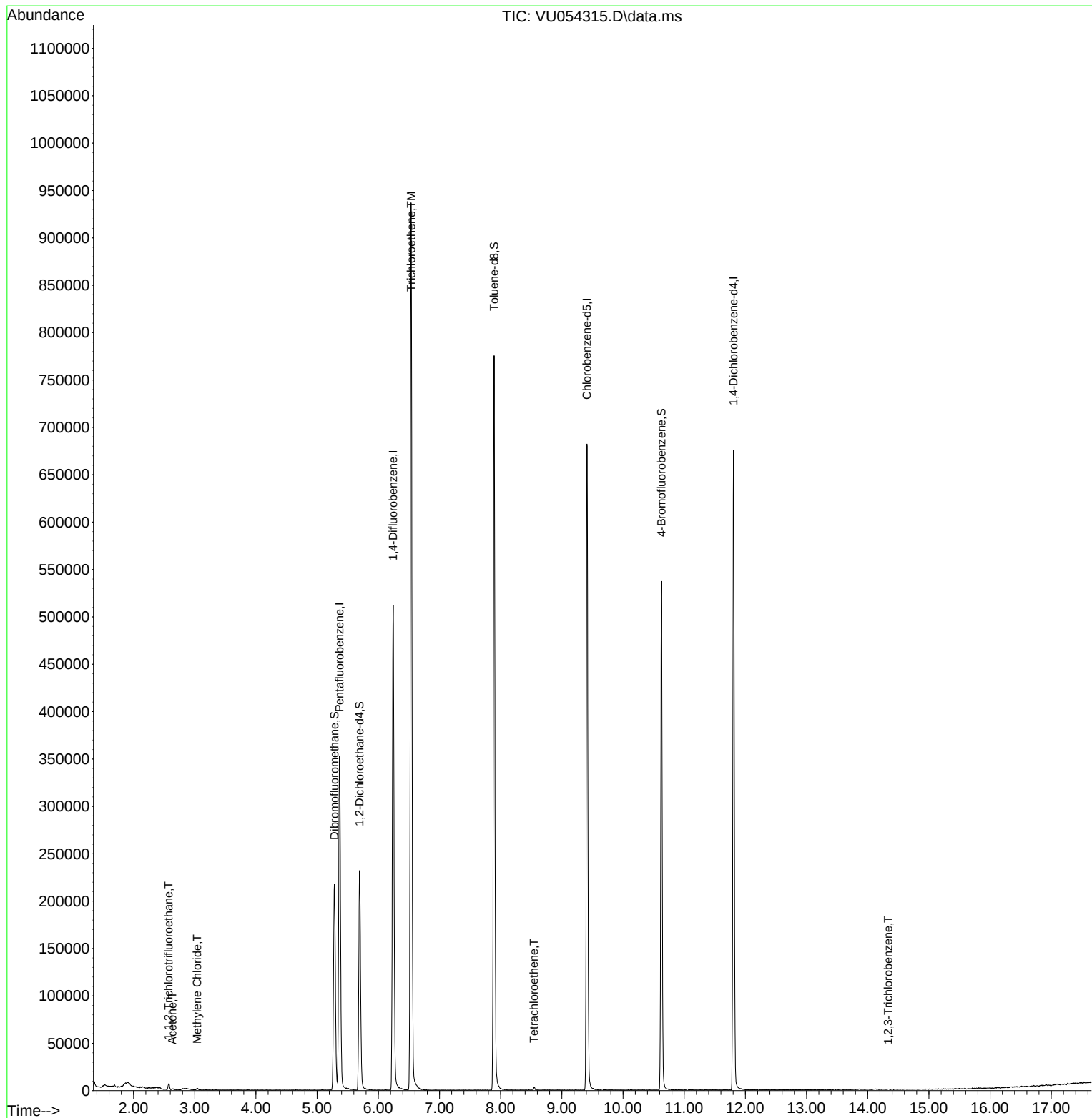
Internal Standards						
1) Pentafluorobenzene	5.366	168	260121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	426180	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	396117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	189531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	172198	50.499	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.000%
35) Dibromofluoromethane	5.282	113	142149	51.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.580%
50) Toluene-d8	7.893	98	524947	50.286	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.580%
62) 4-Bromofluorobenzene	10.629	95	180895	44.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.380%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.571	101	2291	0.848	ug/l	87
16) Acetone	2.633	43	1480	0.757	ug/l #	85
20) Methylene Chloride	3.038	84	973	0.276	ug/l #	91
44) Trichloroethene	6.536	130	329428	95.844	ug/l	92
64) Tetrachloroethene	8.546	164	773	0.259	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.336	180	200	1.300	ug/l #	50

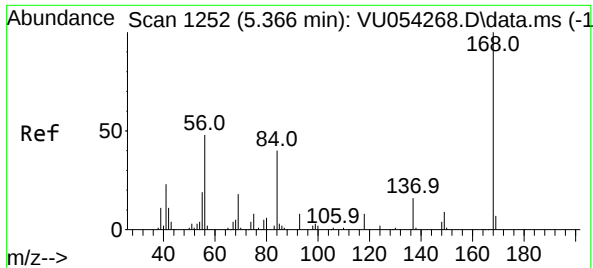
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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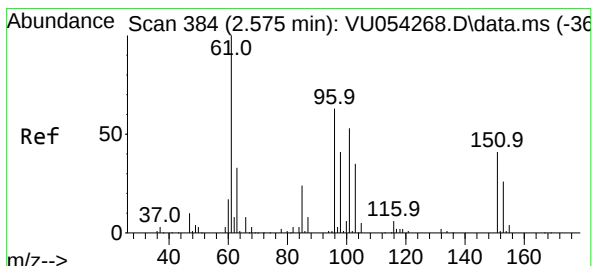
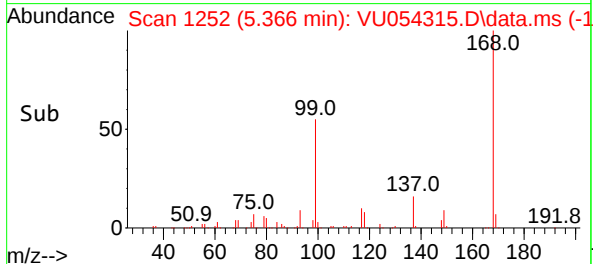
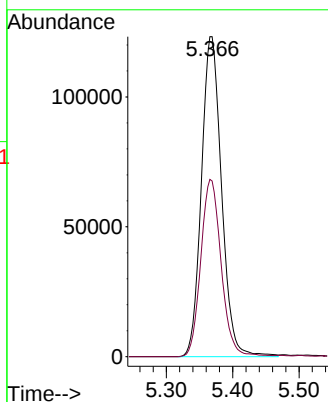
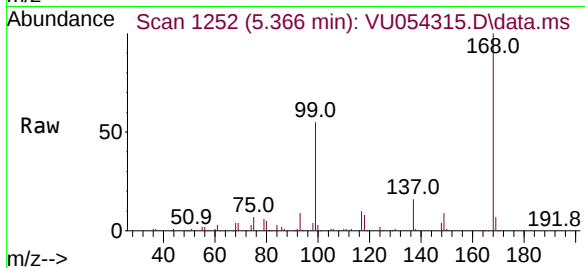




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054315.D
Acq: 30 May 2023 15:45

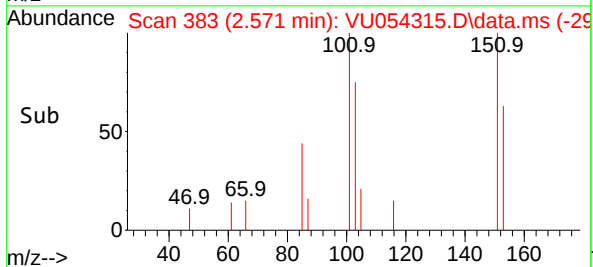
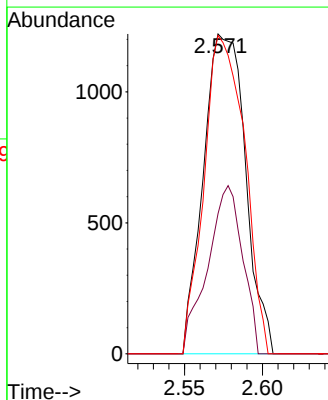
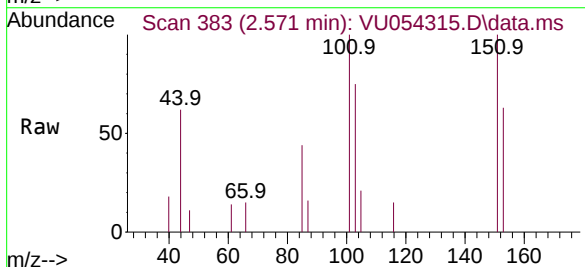
Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20230523

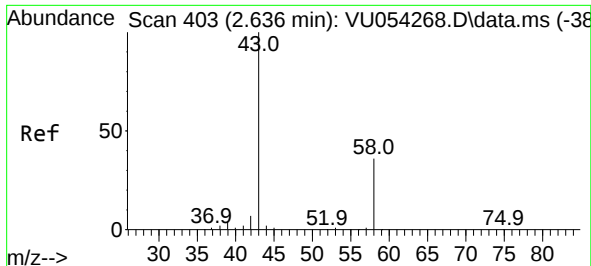
Tgt Ion:168 Resp: 260121
Ion Ratio Lower Upper
168 100
99 55.4 39.3 58.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.848 ug/l
RT: 2.571 min Scan# 383
Delta R.T. -0.004 min
Lab File: VU054315.D
Acq: 30 May 2023 15:45

Tgt Ion:101 Resp: 2291
Ion Ratio Lower Upper
101 100
85 43.8 33.9 50.9
151 95.9 64.0 96.0

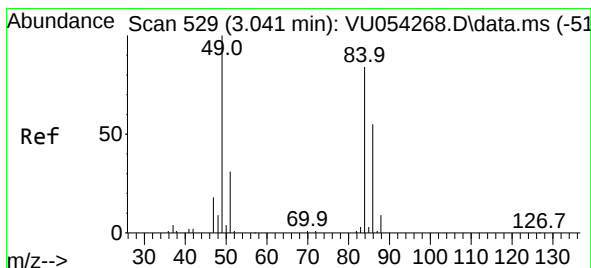
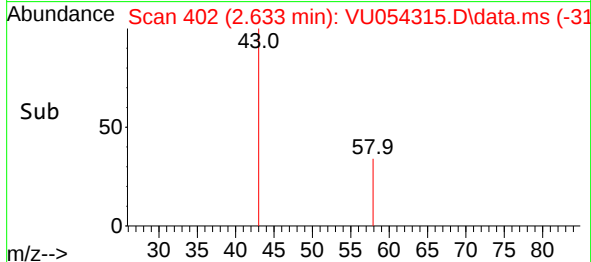
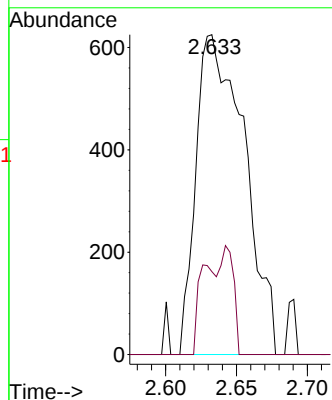
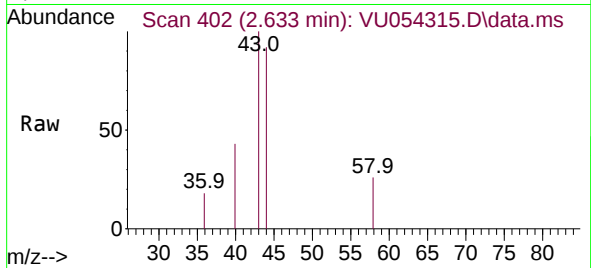




#16
Acetone
Concen: 0.757 ug/l
RT: 2.633 min Scan# 40
Delta R.T. -0.003 min
Lab File: VU054315.D
Acq: 30 May 2023 15:45

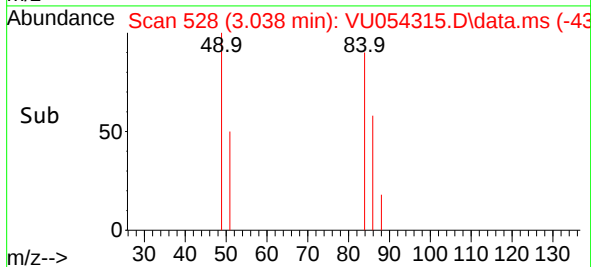
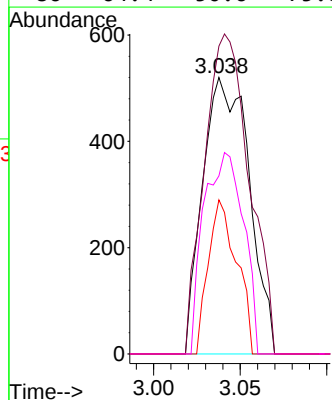
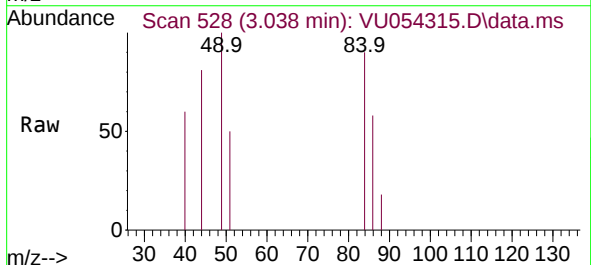
Instrument :
MSVOA_U
ClientSampleId :
RE103D3-20230523

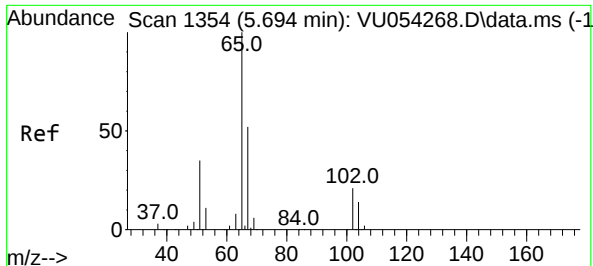
Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 25.9 27.5 41.3#



#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.003 min
Lab File: VU054315.D
Acq: 30 May 2023 15:45

Tgt Ion: 84 Resp: 973
Ion Ratio Lower Upper
84 100
49 111.3 86.6 129.8
51 55.8 26.6 40.0#
86 64.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 50.499 ug/l

RT: 5.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054315.D

Acq: 30 May 2023 15:45

Instrument :

MSVOA_U

ClientSampleId :

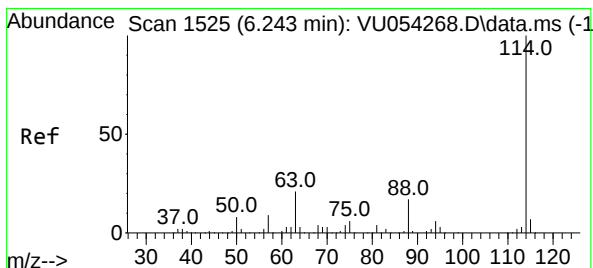
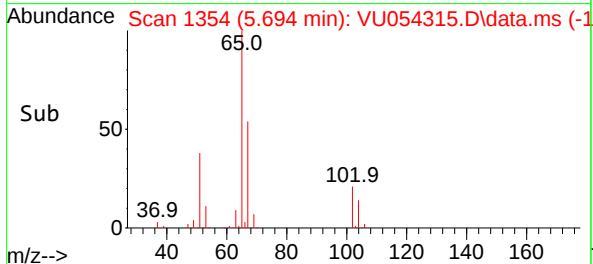
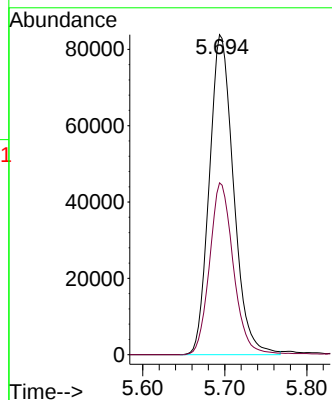
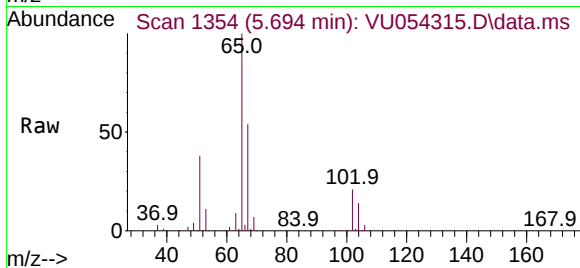
RE103D3-20230523

Tgt Ion: 65 Resp: 172198

Ion Ratio Lower Upper

65 100

67 53.1 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: VU054315.D

Acq: 30 May 2023 15:45

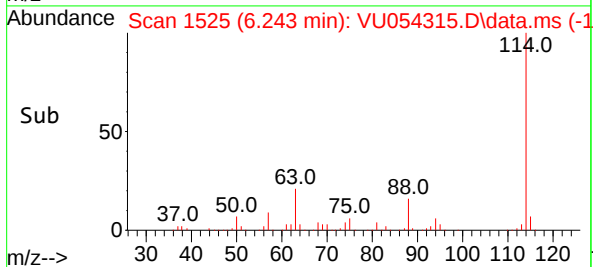
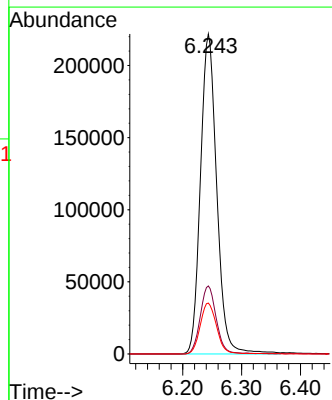
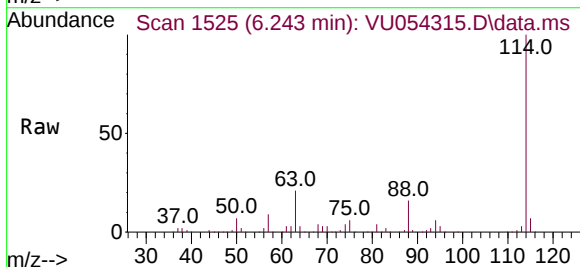
Tgt Ion: 114 Resp: 426180

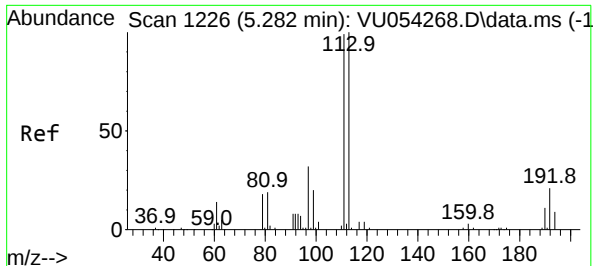
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 15.9 0.0 29.2

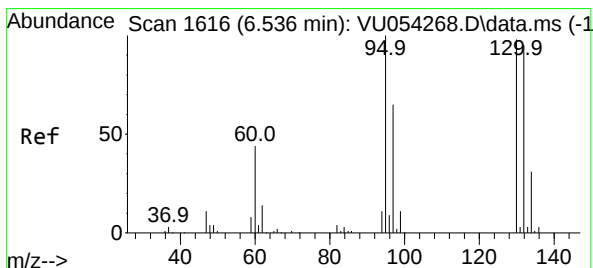
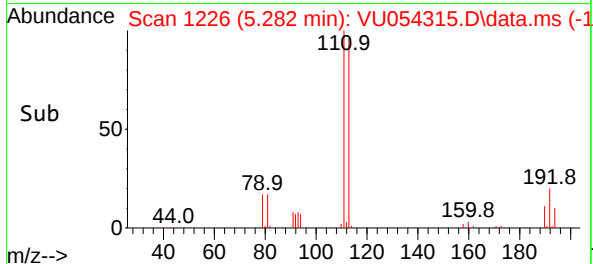
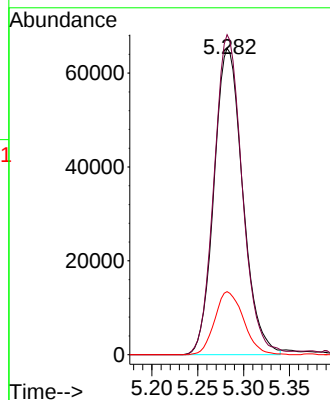
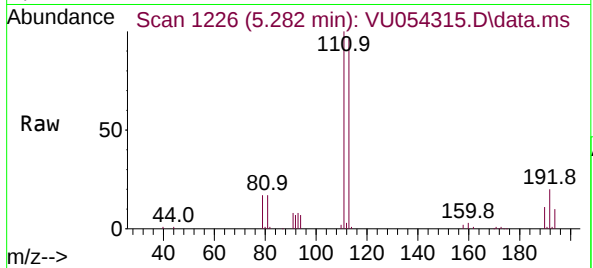




#35
 Dibromofluoromethane
 Concen: 51.794 ug/l
 RT: 5.282 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU054315.D
 Acq: 30 May 2023 15:45

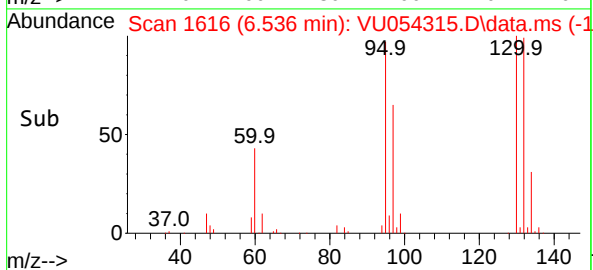
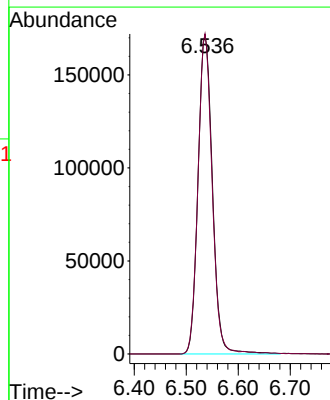
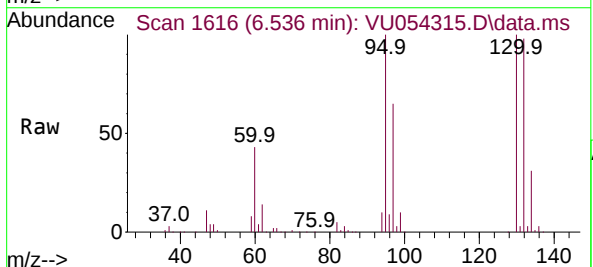
Instrument :
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 RE103D3-20230523

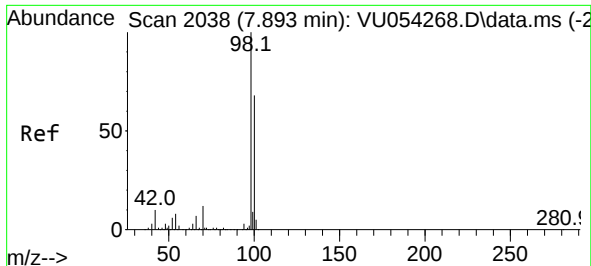
Tgt Ion:113 Resp: 142149
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.1 123.1
 192 20.7 18.0 27.0



#44
 Trichloroethene
 Concen: 95.844 ug/l
 RT: 6.536 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: VU054315.D
 Acq: 30 May 2023 15:45

Tgt Ion:130 Resp: 329428
 Ion Ratio Lower Upper
 130 100
 95 100.3 0.0 184.6

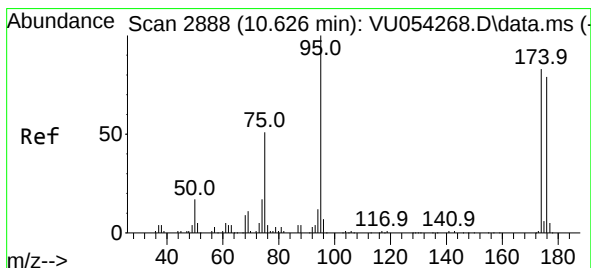
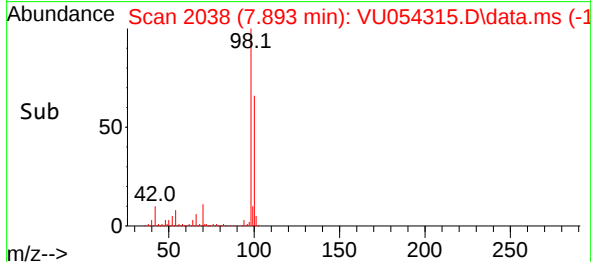
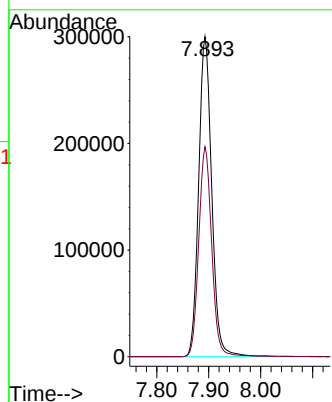
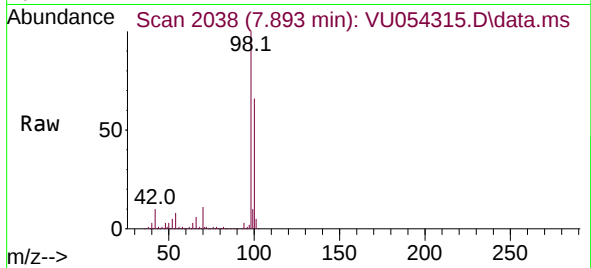




#50
Toluene-d8
Concen: 50.286 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054315.D
Acq: 30 May 2023 15:45

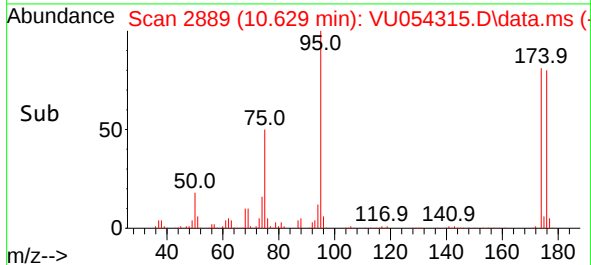
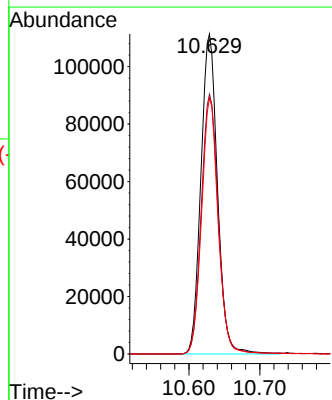
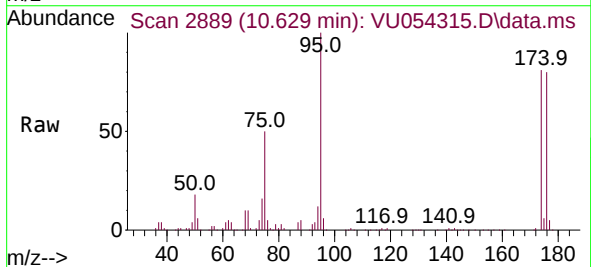
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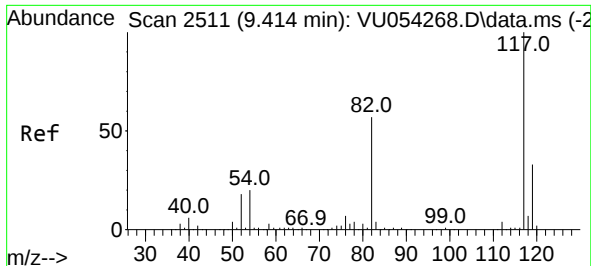
Tgt Ion: 98 Resp: 524947
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.690 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054315.D
Acq: 30 May 2023 15:45

Tgt Ion: 95 Resp: 180895
Ion Ratio Lower Upper
95 100
174 82.9 0.0 182.0
176 79.5 0.0 177.8

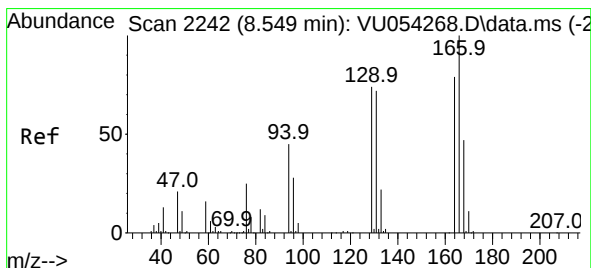
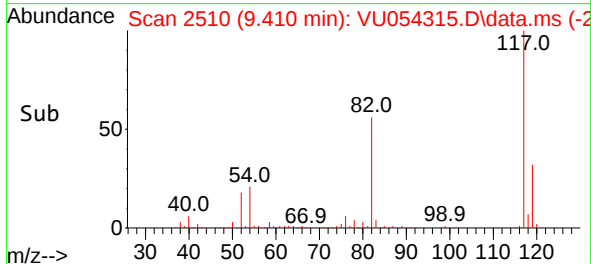
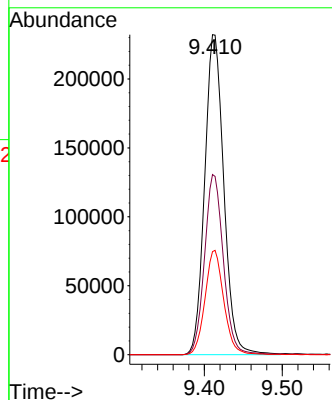
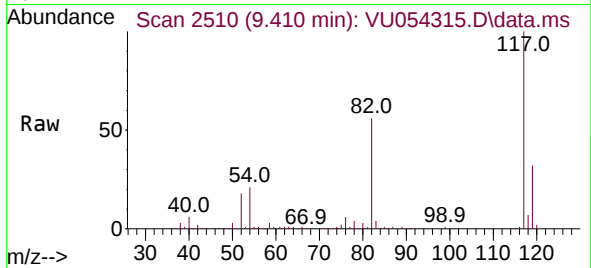




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU054315.D
Acq: 30 May 2023 15:45

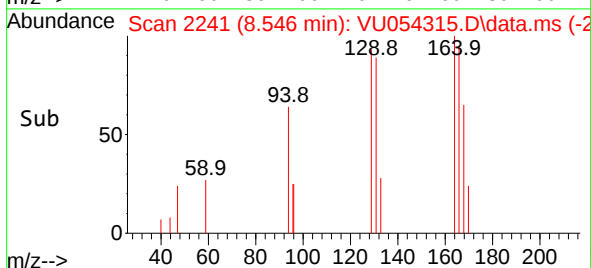
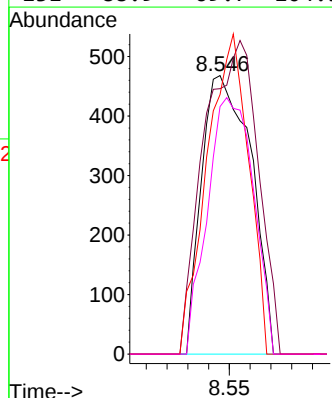
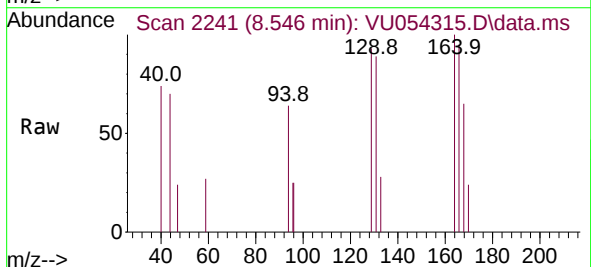
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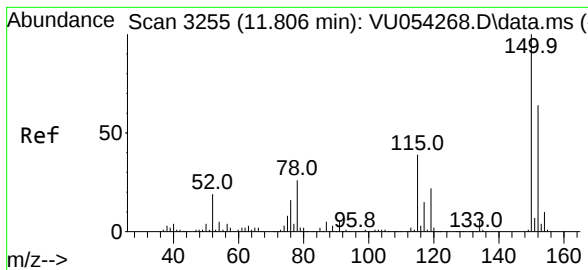
Tgt Ion:117 Resp: 396117
Ion Ratio Lower Upper
117 100
82 56.3 41.7 62.5
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 0.259 ug/l
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU054315.D
Acq: 30 May 2023 15:45

Tgt Ion:164 Resp: 773
Ion Ratio Lower Upper
164 100
166 95.3 100.0 150.0#
129 93.2 72.0 108.0
131 88.9 69.7 104.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054315.D

Acq: 30 May 2023 15:45

Instrument :

MSVOA_U

ClientSampleId :

RE103D3-20230523

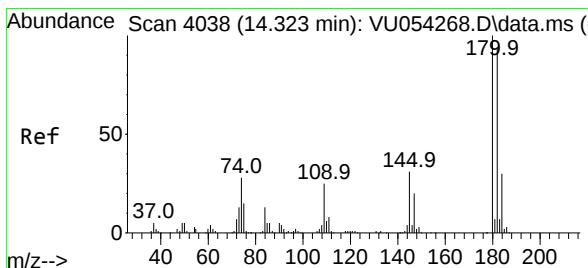
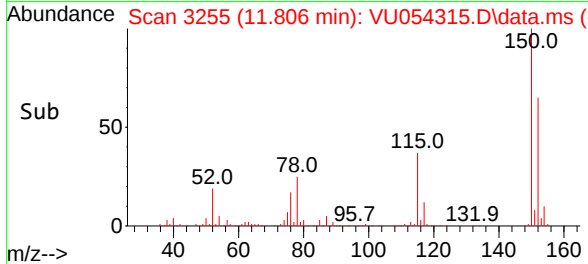
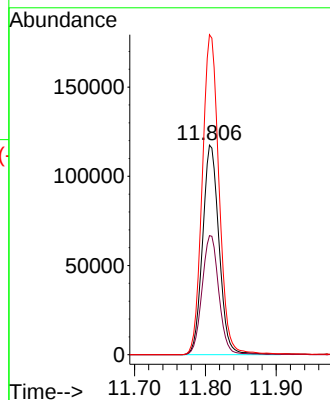
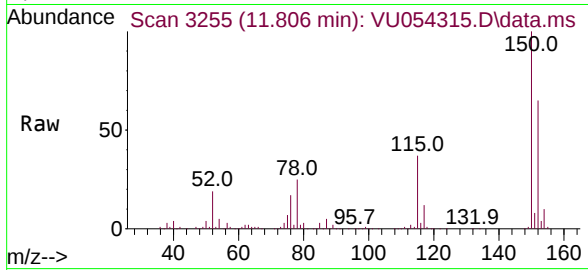
Tgt Ion:152 Resp: 189531

Ion Ratio Lower Upper

152 100

115 57.8 37.0 110.9

150 155.7 0.0 342.2



#96

1,2,3-Trichlorobenzene

Concen: 1.300 ug/l

RT: 14.336 min Scan# 4042

Delta R.T. 0.013 min

Lab File: VU054315.D

Acq: 30 May 2023 15:45

Tgt Ion:180 Resp: 200

Ion Ratio Lower Upper

180 100

182 49.0 48.4 145.0

145 0.0 14.8 44.4#

