

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054325.D
 Acq On : 30 May 2023 19:43
 Operator : JC/MD
 Sample : 02912-13DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D2-20230523DL

Quant Time: May 31 06:31:29 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)

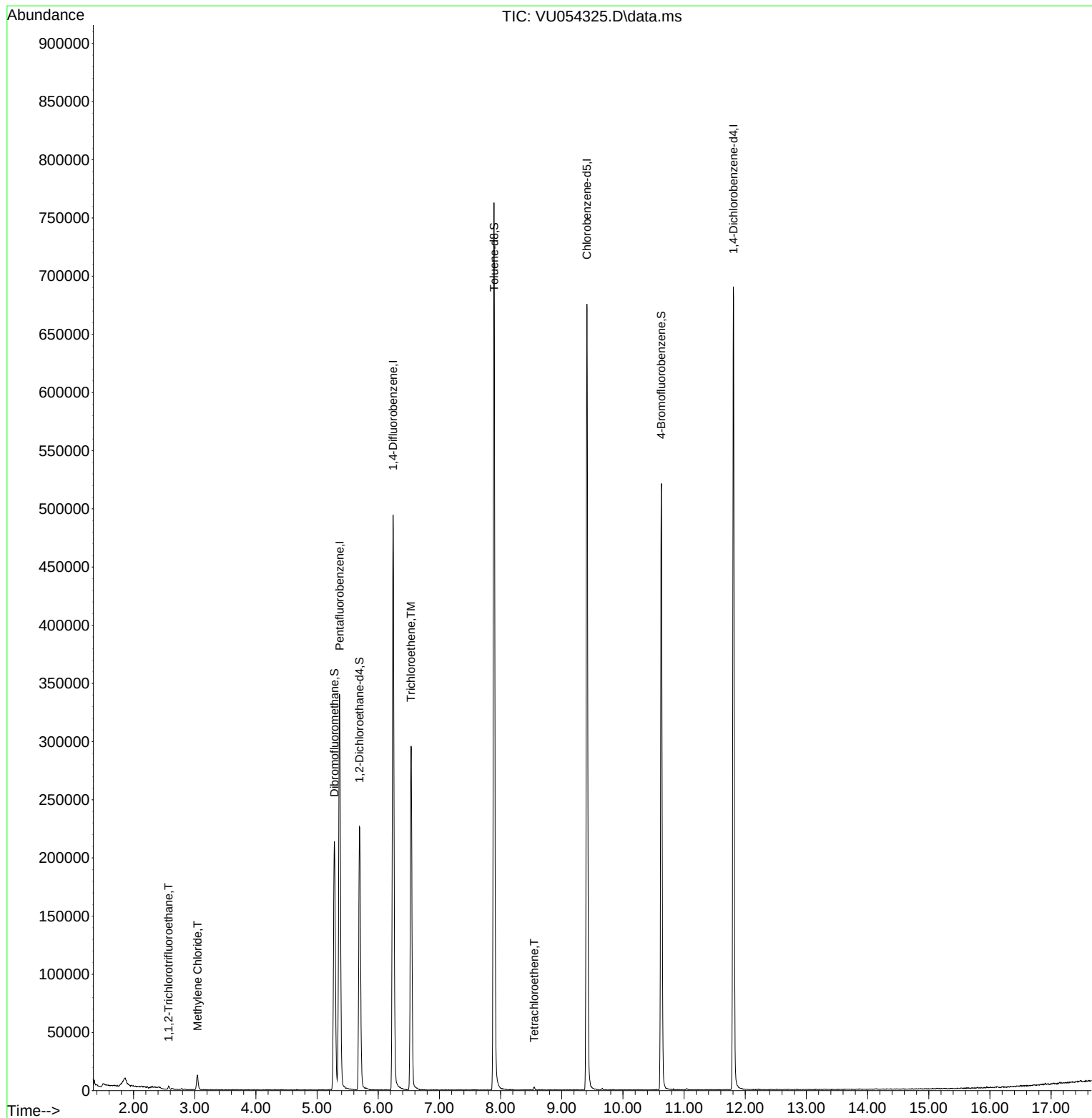
Internal Standards						
1) Pentafluorobenzene	5.369	168	246703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	411189	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	388953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	186275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	171508	53.032	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.060%	
35) Dibromofluoromethane	5.282	113	140156	52.930	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.860%	
50) Toluene-d8	7.893	98	510677	50.703	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	10.629	95	175701	44.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.980%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.571	101	1331	0.519	ug/l	# 85
20) Methylene Chloride	3.044	84	6741	2.016	ug/l	96
44) Trichloroethene	6.536	130	103216	31.124	ug/l	91
64) Tetrachloroethene	8.549	164	633	0.216	ug/l	95

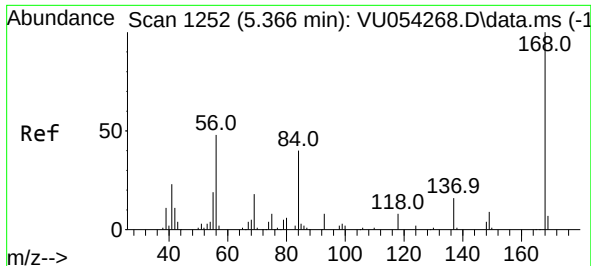
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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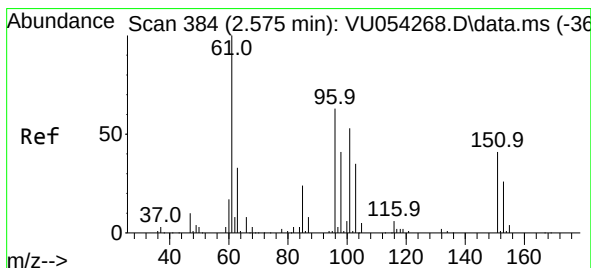
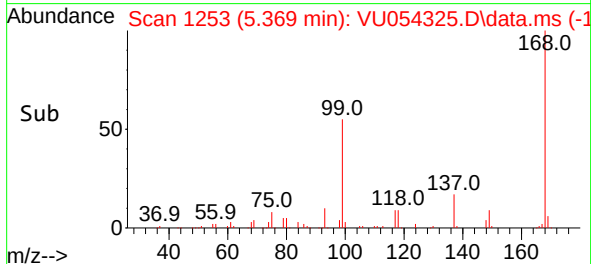
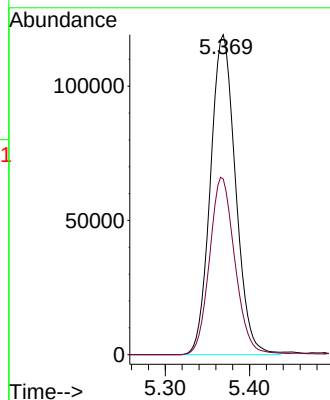
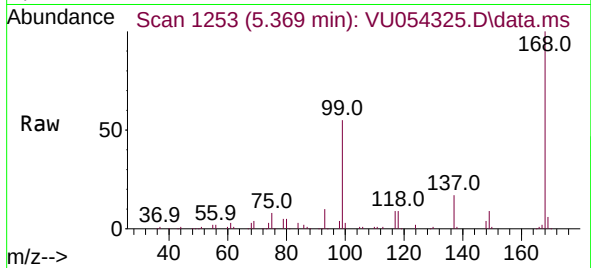




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054325.D
Acq: 30 May 2023 19:43

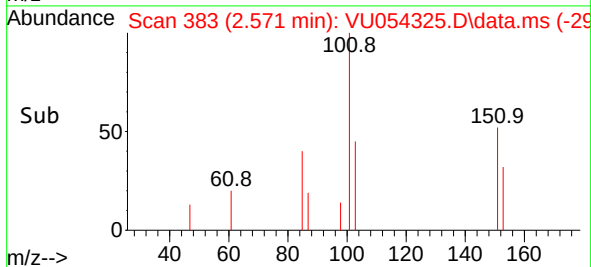
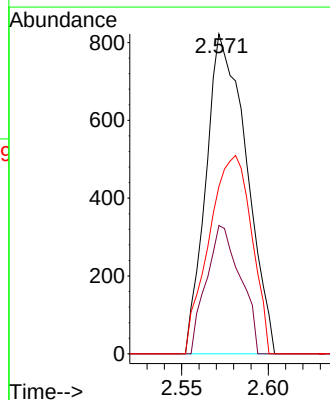
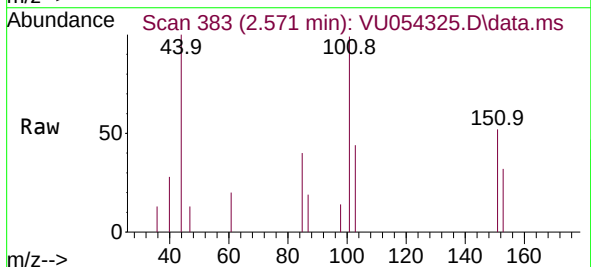
Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20230523DL

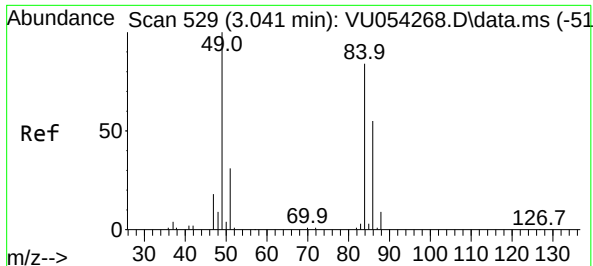
Tgt Ion:168 Resp: 246703
Ion Ratio Lower Upper
168 100
99 54.9 39.3 58.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.519 ug/l
RT: 2.571 min Scan# 383
Delta R.T. -0.004 min
Lab File: VU054325.D
Acq: 30 May 2023 19:43

Tgt Ion:101 Resp: 1331
Ion Ratio Lower Upper
101 100
85 33.9 33.9 50.9#
151 65.5 64.0 96.0

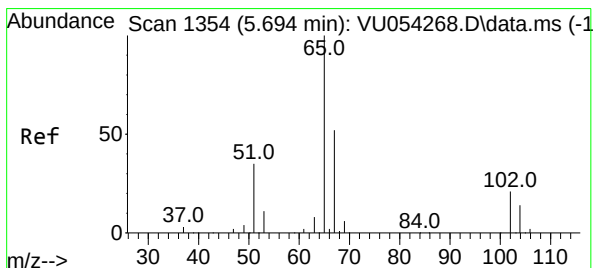
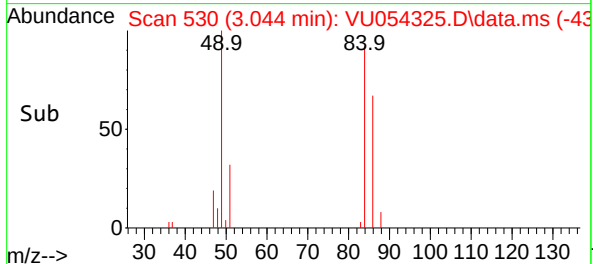
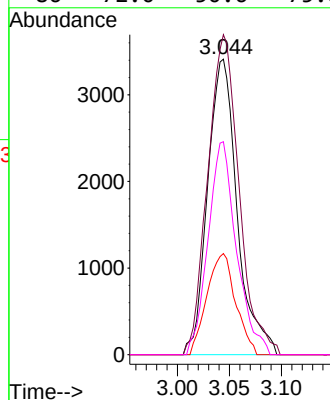
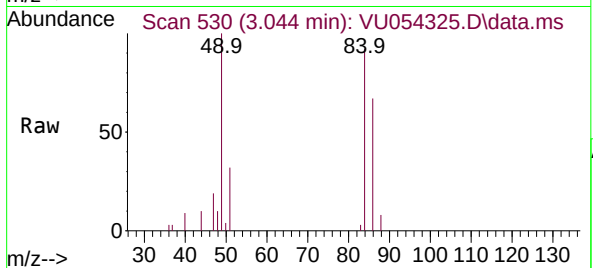




#20
Methylene Chloride
Concen: 2.016 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054325.D
Acq: 30 May 2023 19:43

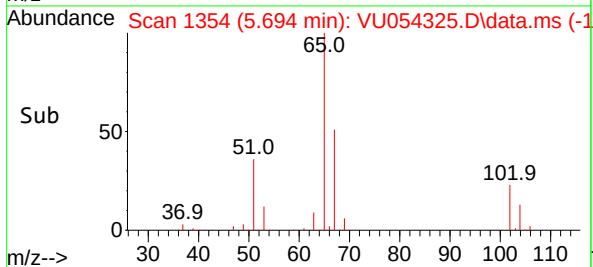
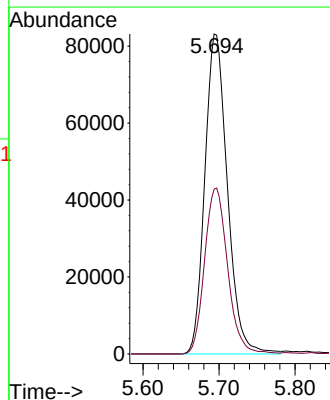
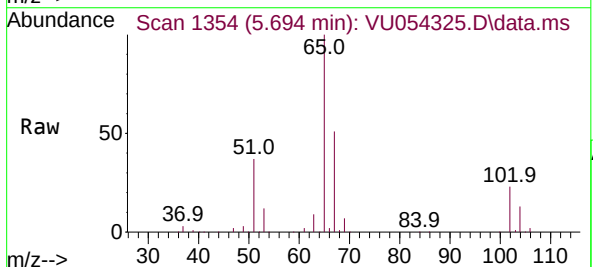
Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20230523DL

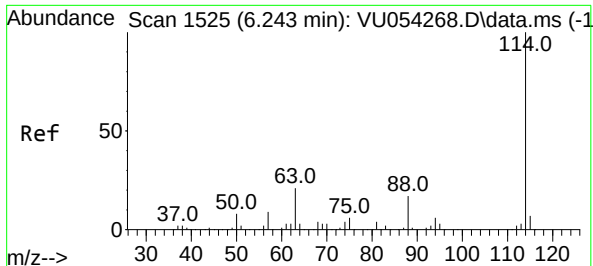
Tgt Ion:	84	Resp:	6741
Ion	Ratio	Lower	Upper
84	100		
49	108.3	86.6	129.8
51	34.2	26.6	40.0
86	72.0	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 53.032 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054325.D
Acq: 30 May 2023 19:43

Tgt Ion:	65	Resp:	171508
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054325.D

Acq: 30 May 2023 19:43

Instrument :

MSVOA_U

ClientSampleId :

RE103D2-20230523DL

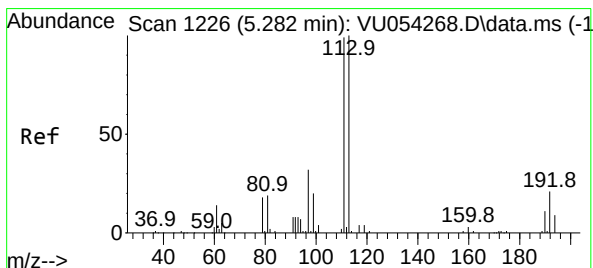
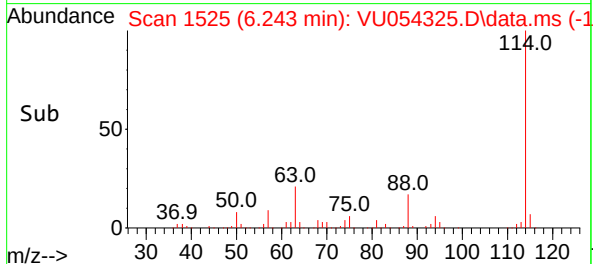
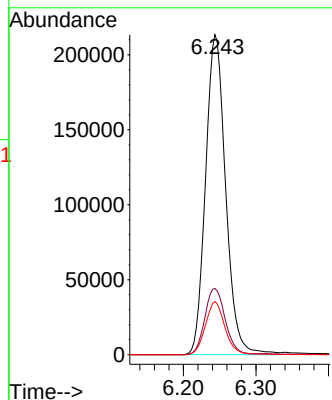
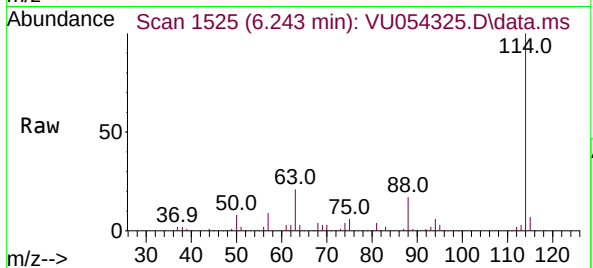
Tgt Ion:114 Resp: 411189

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.930 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VU054325.D

Acq: 30 May 2023 19:43

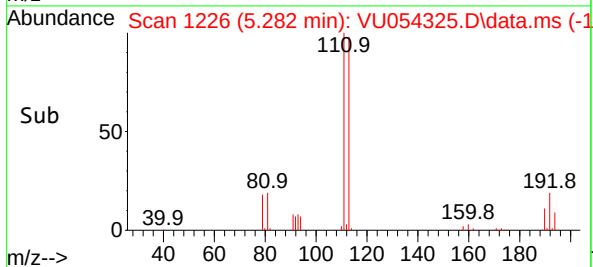
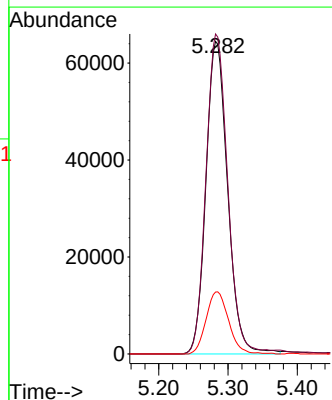
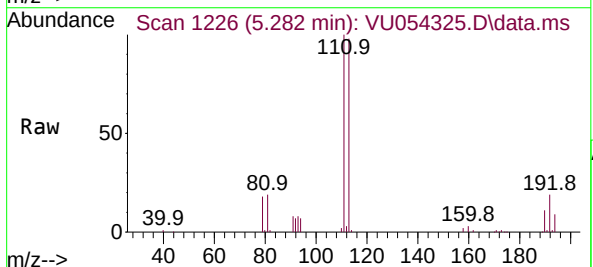
Tgt Ion:113 Resp: 140156

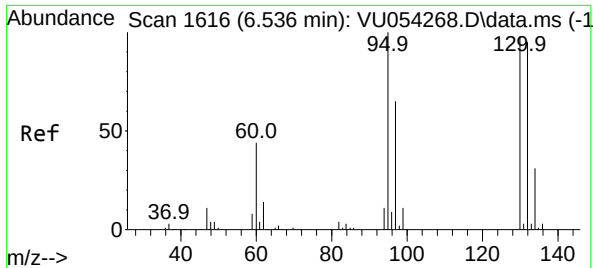
Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

192 20.6 18.0 27.0

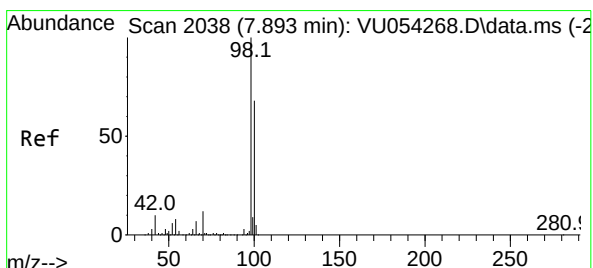
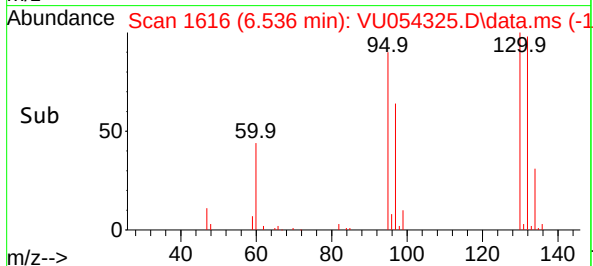
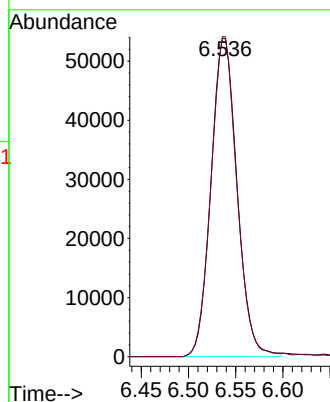
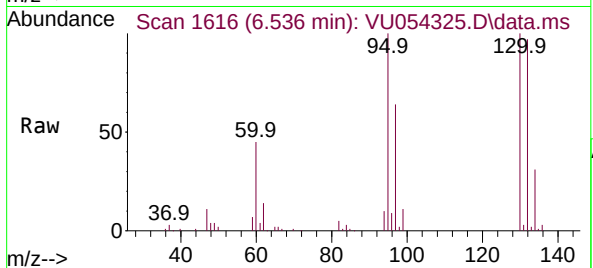




#44
Trichloroethene
Concen: 31.124 ug/l
RT: 6.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054325.D
Acq: 30 May 2023 19:43

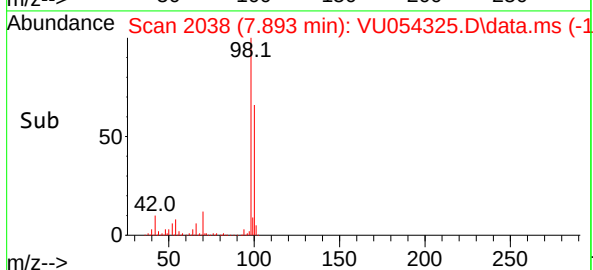
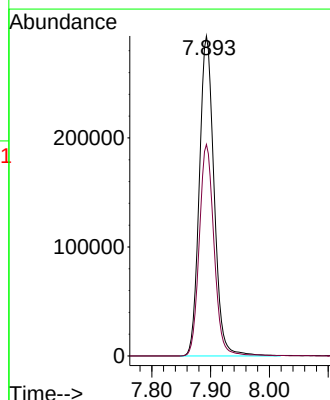
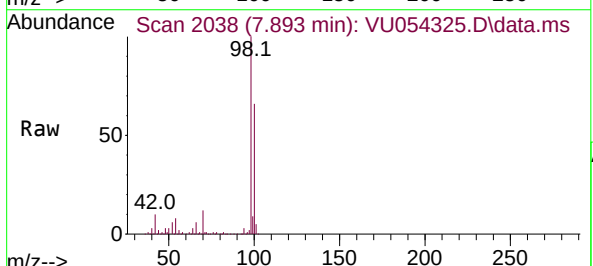
Instrument :
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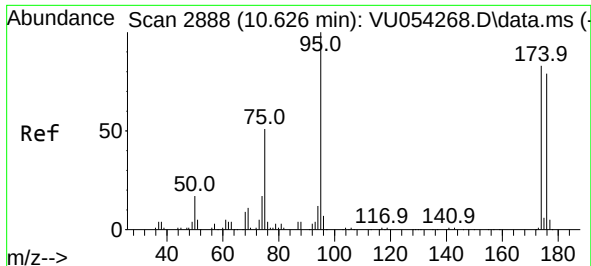
Tgt Ion:130 Resp: 103216
Ion Ratio Lower Upper
130 100
95 100.5 0.0 184.6



#50
Toluene-d8
Concen: 50.703 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054325.D
Acq: 30 May 2023 19:43

Tgt Ion: 98 Resp: 510677
Ion Ratio Lower Upper
98 100
100 66.3 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 44.990 ug/l

RT: 10.629 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054325.D

Acq: 30 May 2023 19:43

Instrument :

MSVOA_U

ClientSampleId :

RE103D2-20230523DL

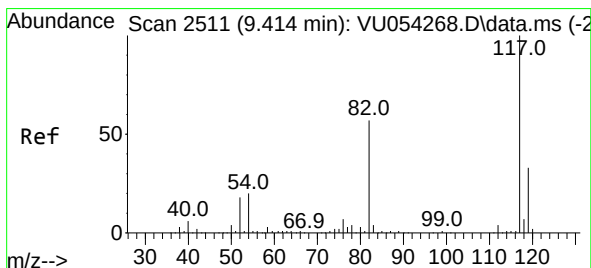
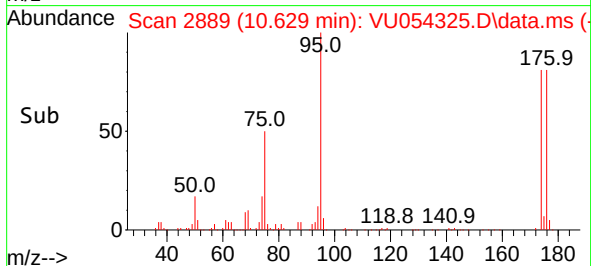
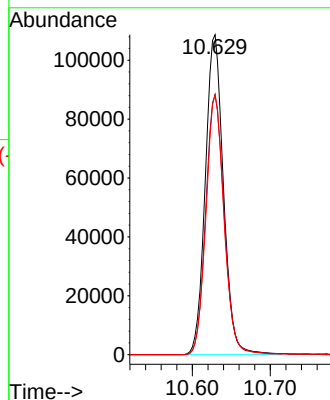
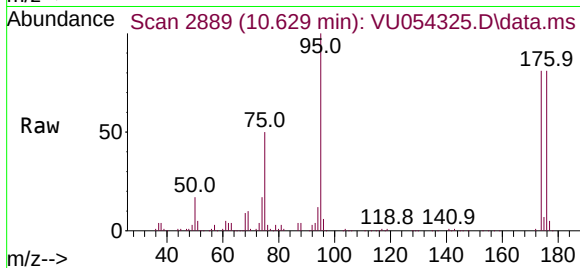
Tgt Ion: 95 Resp: 175701

Ion Ratio Lower Upper

95 100

174 83.0 0.0 182.0

176 81.0 0.0 177.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.410 min Scan# 2510

Delta R.T. -0.004 min

Lab File: VU054325.D

Acq: 30 May 2023 19:43

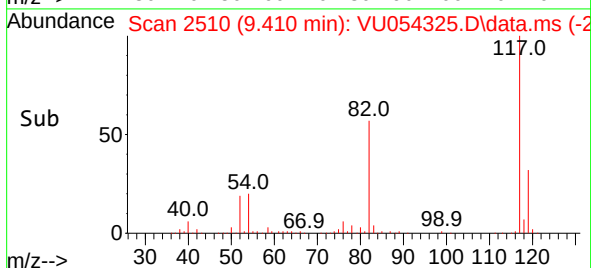
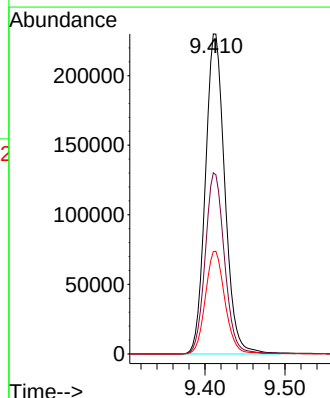
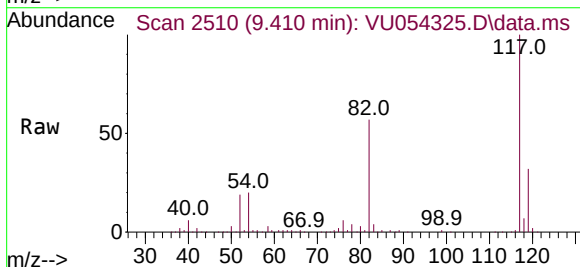
Tgt Ion: 117 Resp: 388953

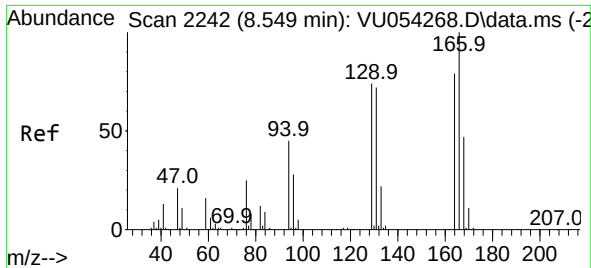
Ion Ratio Lower Upper

117 100

82 56.6 41.7 62.5

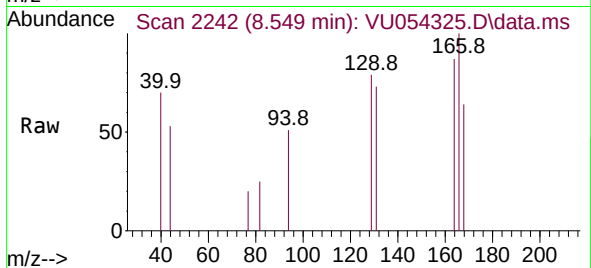
119 32.0 25.7 38.5





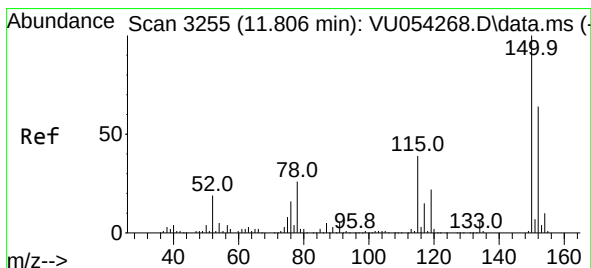
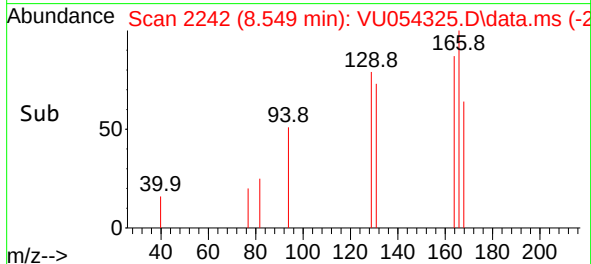
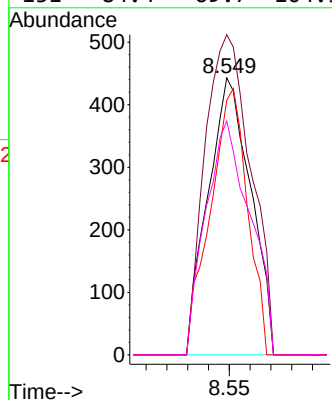
#64
Tetrachloroethene
Concen: 0.216 ug/l
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054325.D
Acq: 30 May 2023 19:43

Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20230523DL



Tgt Ion:164 Resp: 633

Ion	Ratio	Lower	Upper
164	100		
166	115.6	100.0	150.0
129	91.9	72.0	108.0
131	84.4	69.7	104.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VU054325.D
Acq: 30 May 2023 19:43

Tgt Ion:152 Resp: 186275

Ion	Ratio	Lower	Upper
152	100		
115	58.9	37.0	110.9
150	157.5	0.0	342.2

