

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054286.D
 Acq On : 26 May 2023 15:26
 Operator : JC/MD
 Sample : 02936-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB-01-20230524

Quant Time: May 30 00:02:28 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)

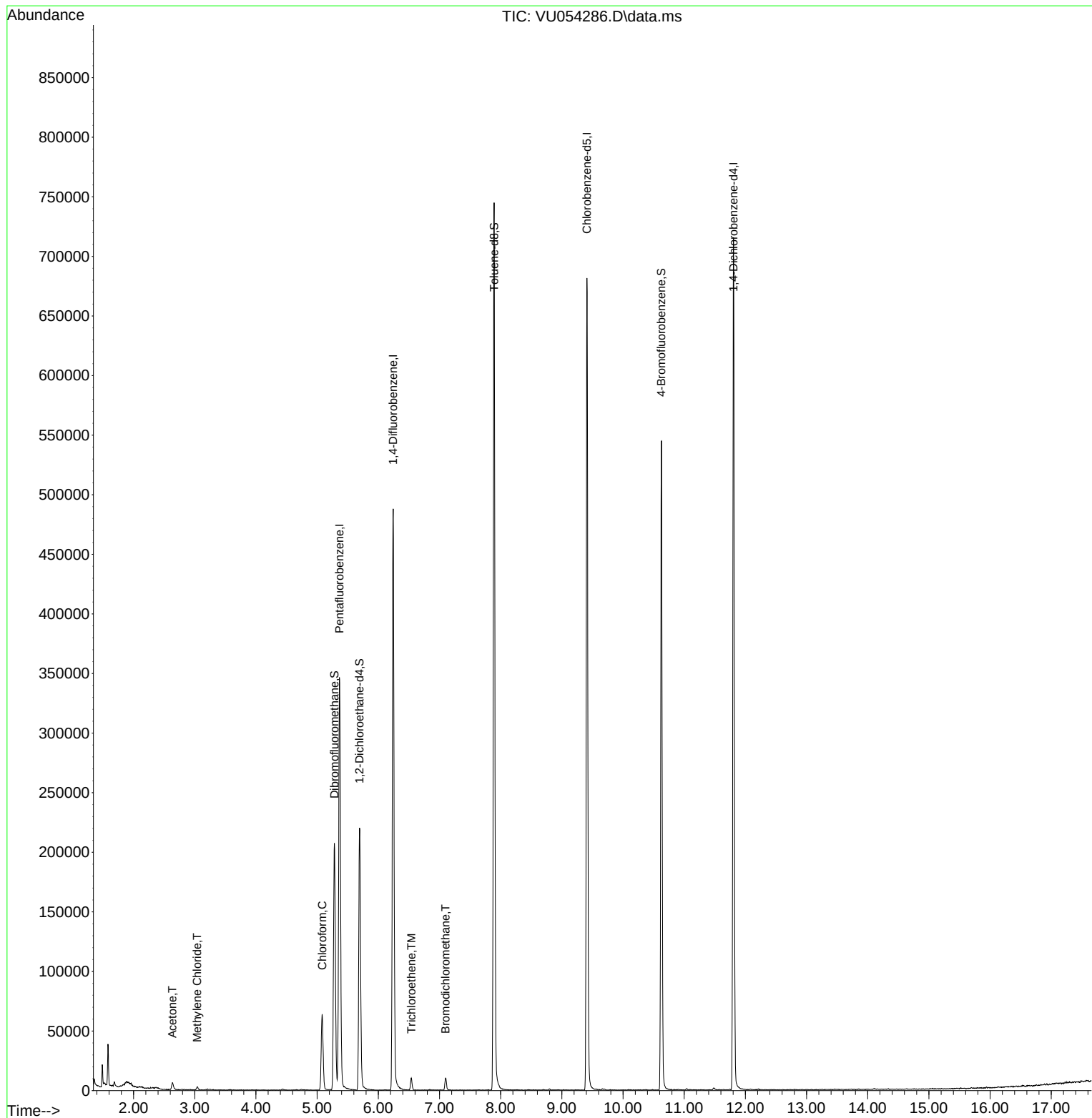
Internal Standards						
1) Pentafluorobenzene	5.366	168	253206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	401820	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	390281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	196467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	166540	50.174	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.340%			
35) Dibromofluoromethane	5.282	113	136726	52.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	7.893	98	496766	50.471	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.940%			
62) 4-Bromofluorobenzene	10.626	95	180773	47.368	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.740%			
Target Compounds						
16) Acetone	2.636	43	7979	4.194	ug/l #	83
20) Methylene Chloride	3.038	84	1401	0.408	ug/l #	82
30) Chloroform	5.083	83	59244	10.874	ug/l	96
44) Trichloroethene	6.539	130	3599	1.111	ug/l	90
47) Bromodichloromethane	7.099	83	6867	1.649	ug/l	90

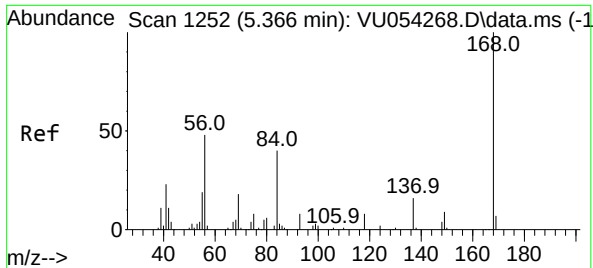
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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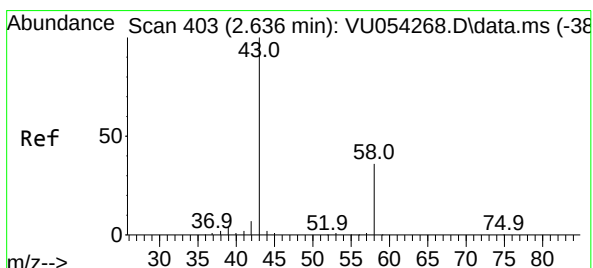
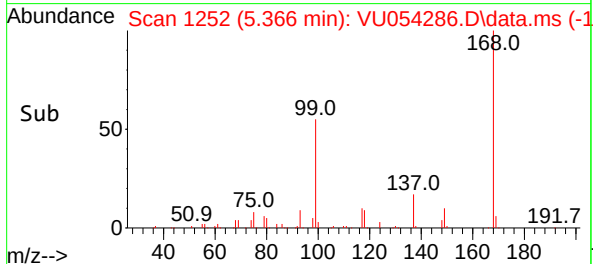
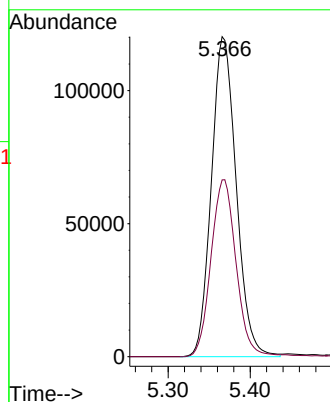
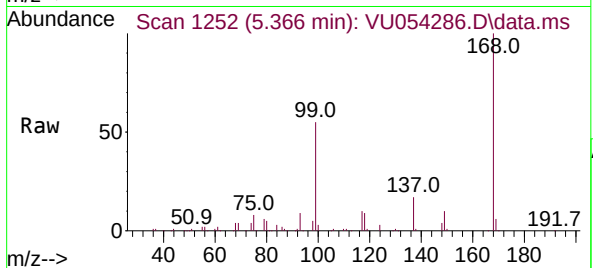




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054286.D
Acq: 26 May 2023 15:26

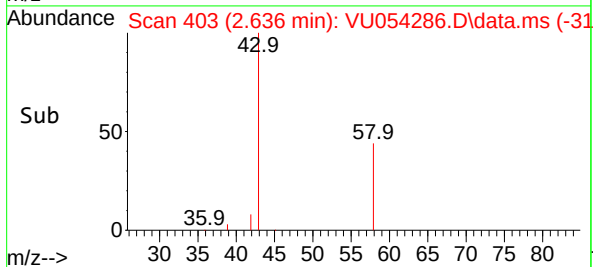
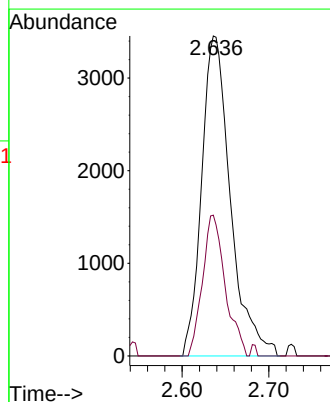
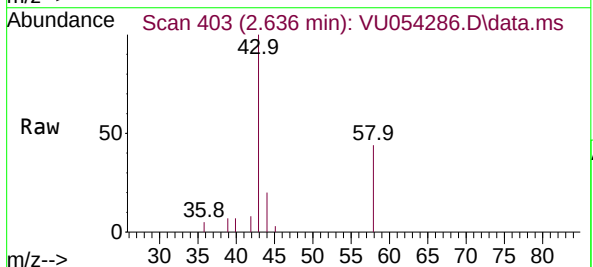
Instrument :
MSVOA_U
ClientSampleId :
FB-01-20230524

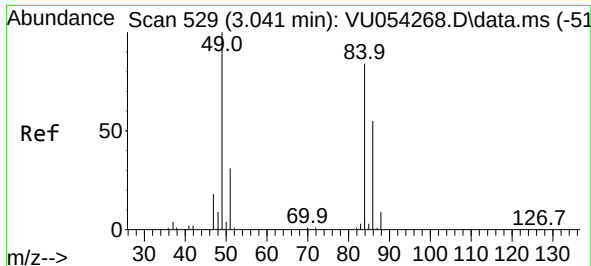
Tgt Ion:168 Resp: 253206
Ion Ratio Lower Upper
168 100
99 55.2 39.3 58.9



#16
Acetone
Concen: 4.194 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU054286.D
Acq: 26 May 2023 15:26

Tgt Ion: 43 Resp: 7979
Ion Ratio Lower Upper
43 100
58 44.0 27.5 41.3#

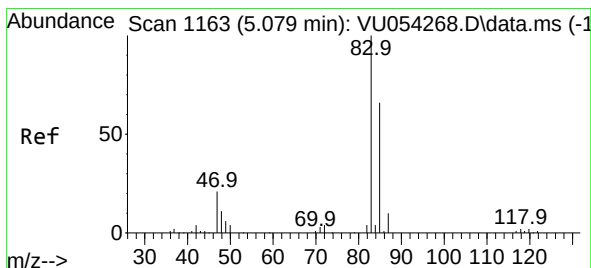
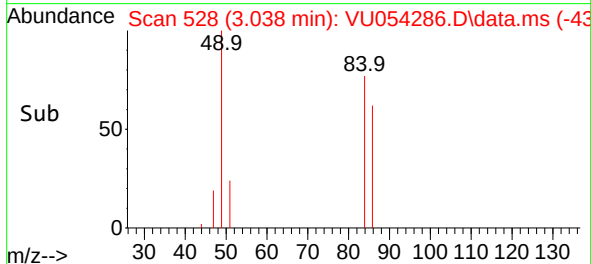
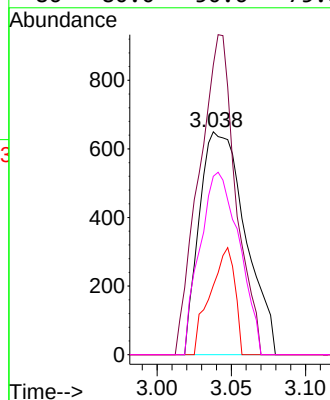
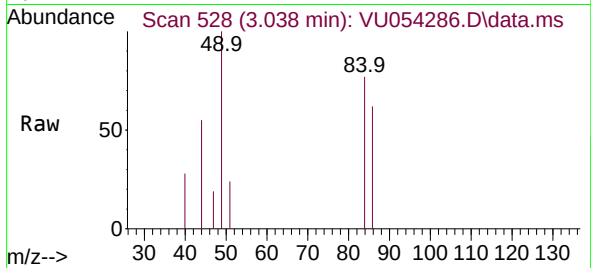




#20
Methylene Chloride
Concen: 0.408 ug/l
RT: 3.038 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU054286.D
Acq: 26 May 2023 15:26

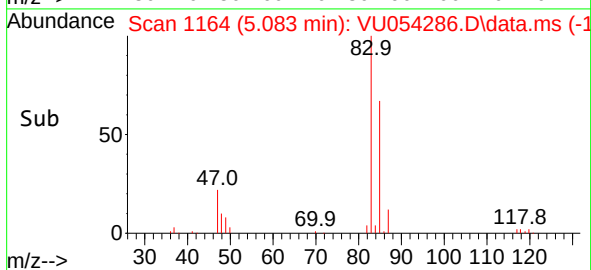
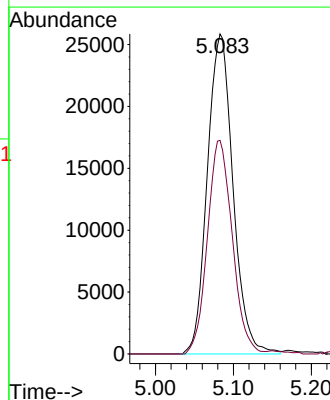
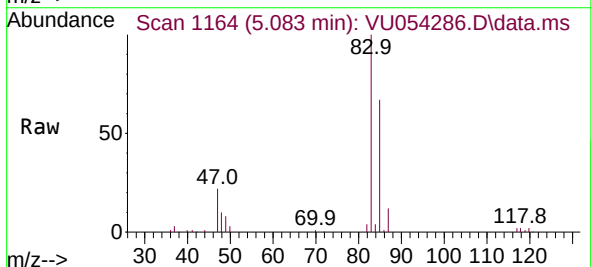
Instrument :
MSVOA_U
ClientSampleId :
FB-01-20230524

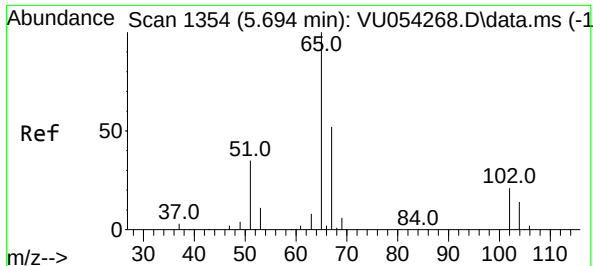
Tgt Ion:	84	Resp:	1401
Ion	Ratio	Lower	Upper
84	100		
49	130.0	86.6	129.8#
51	31.1	26.6	40.0
86	80.0	50.6	75.8#



#30
Chloroform
Concen: 10.874 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.004 min
Lab File: VU054286.D
Acq: 26 May 2023 15:26

Tgt Ion:	83	Resp:	59244
Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.2	76.8





#33

1,2-Dichloroethane-d4

Concen: 50.174 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054286.D

Acq: 26 May 2023 15:26

Instrument :

MSVOA_U

ClientSampleId :

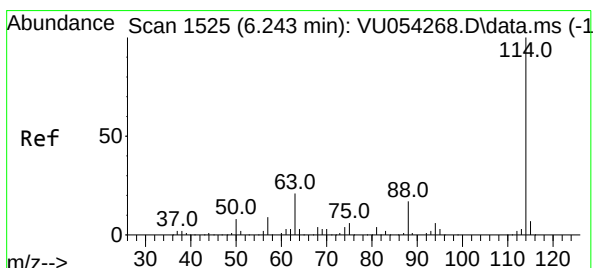
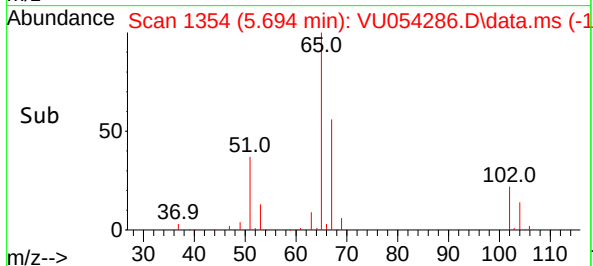
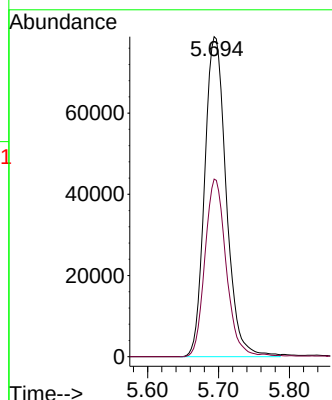
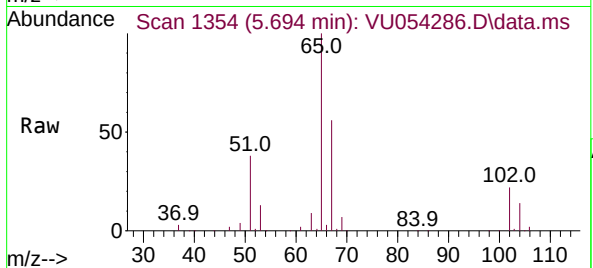
FB-01-20230524

Tgt Ion: 65 Resp: 166540

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. 0.001 min

Lab File: VU054286.D

Acq: 26 May 2023 15:26

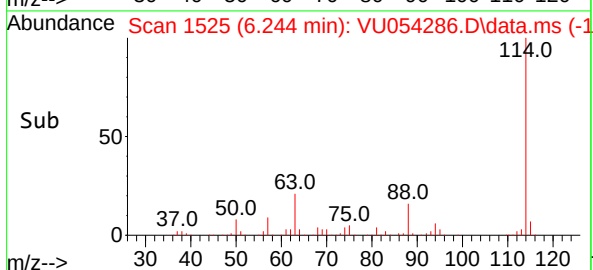
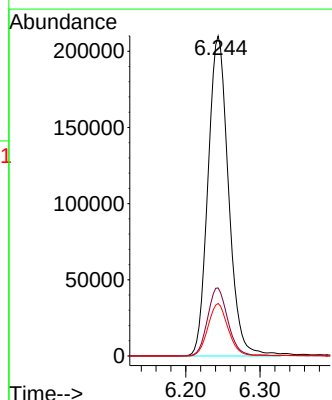
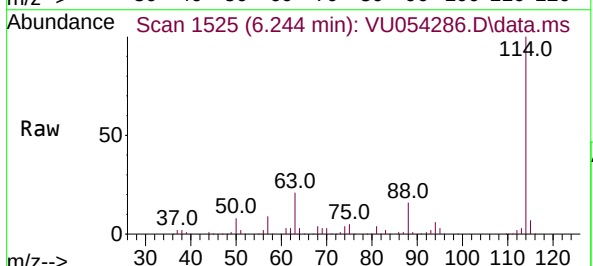
Tgt Ion: 114 Resp: 401820

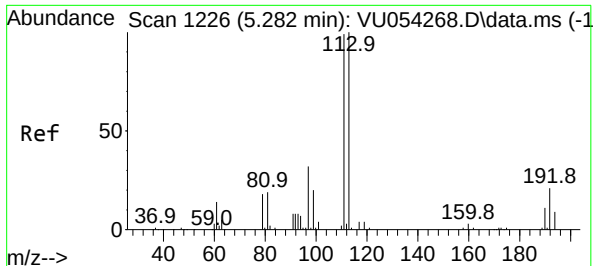
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 16.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.838 ug/l

RT: 5.282 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054286.D

Acq: 26 May 2023 15:26

Instrument :

MSVOA_U

ClientSampleId :

FB-01-20230524

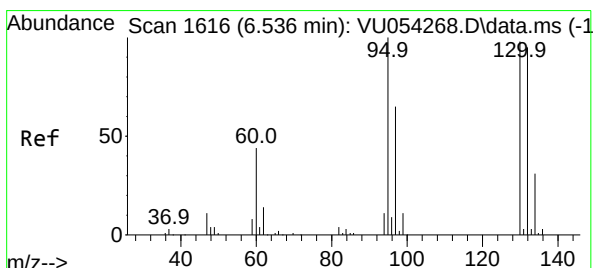
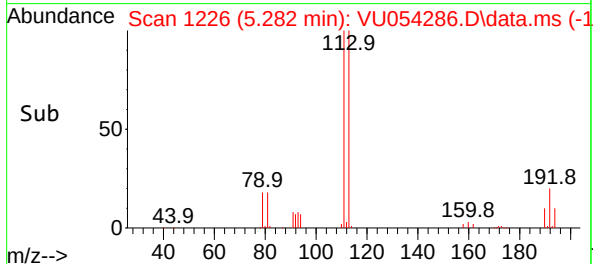
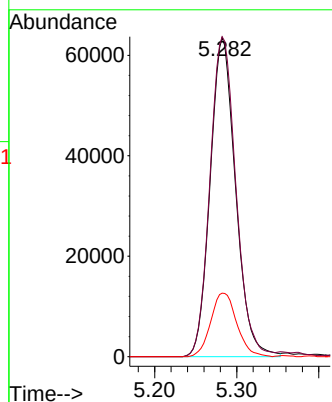
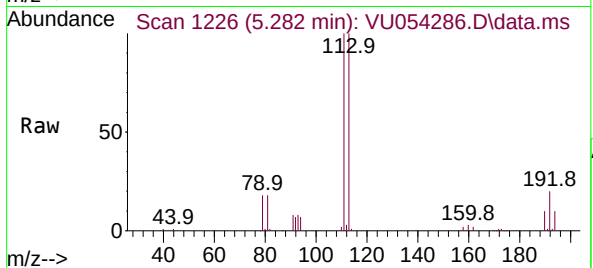
Tgt Ion:113 Resp: 136726

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 20.5 18.0 27.0



#44

Trichloroethene

Concen: 1.111 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.003 min

Lab File: VU054286.D

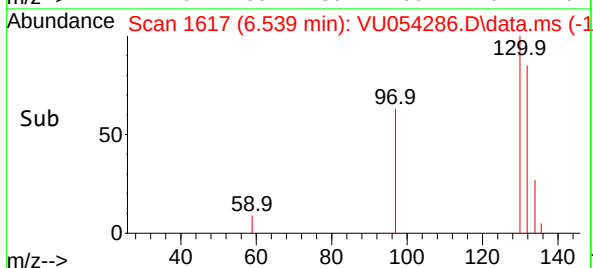
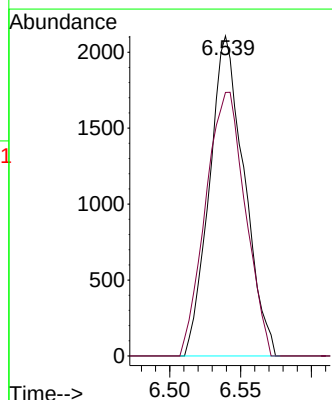
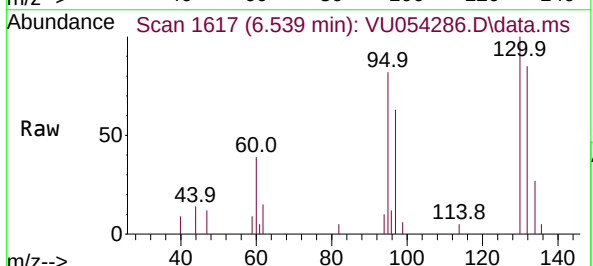
Acq: 26 May 2023 15:26

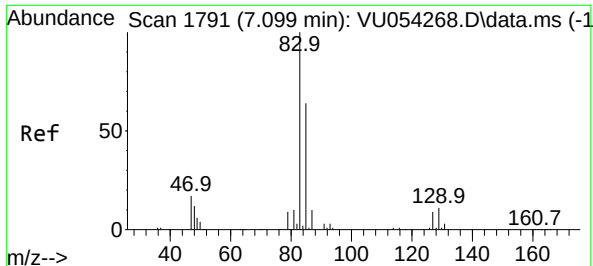
Tgt Ion:130 Resp: 3599

Ion Ratio Lower Upper

130 100

95 82.3 0.0 184.6

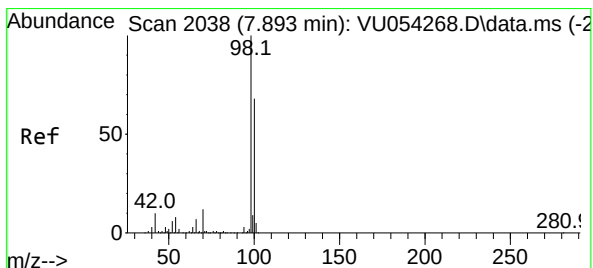
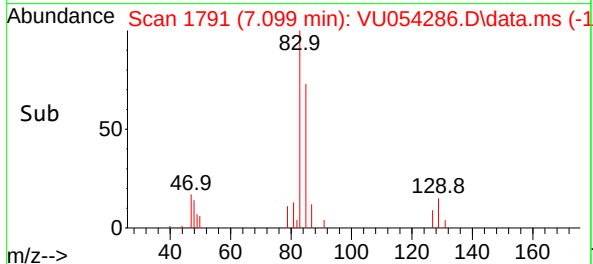
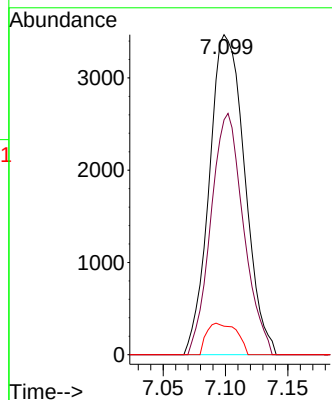
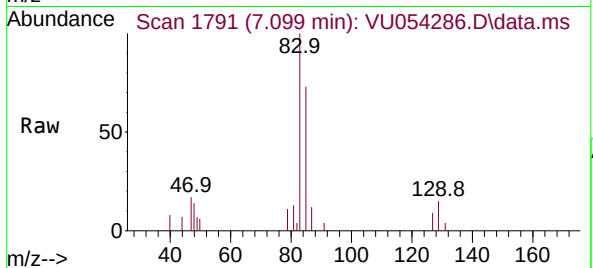




#47
Bromodichloromethane
Concen: 1.649 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU054286.D
Acq: 26 May 2023 15:26

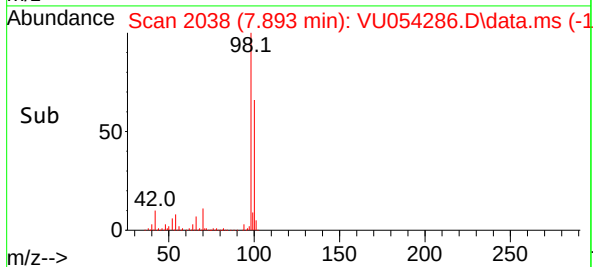
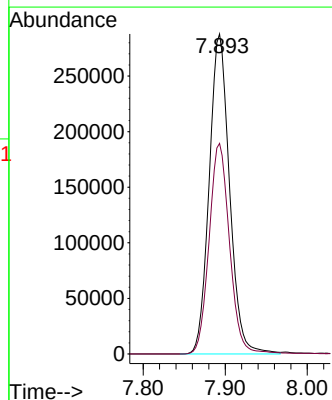
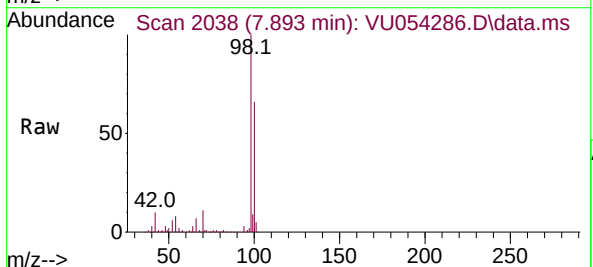
Instrument :
MSVOA_U
ClientSampleId :
FB-01-20230524

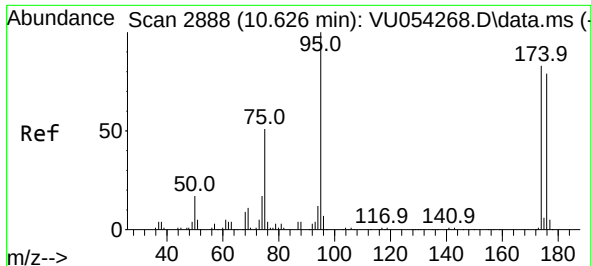
Tgt Ion: 83 Resp: 6867
Ion Ratio Lower Upper
83 100
85 73.4 51.4 77.2
127 8.9 7.1 10.7



#50
Toluene-d8
Concen: 50.471 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054286.D
Acq: 26 May 2023 15:26

Tgt Ion: 98 Resp: 496766
Ion Ratio Lower Upper
98 100
100 66.3 51.7 77.5

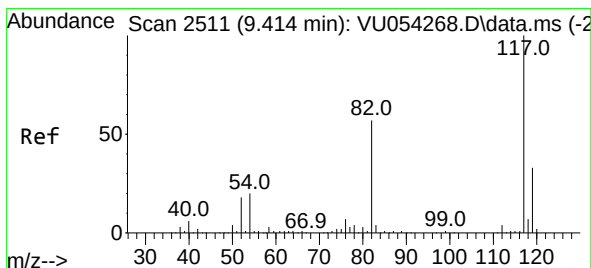
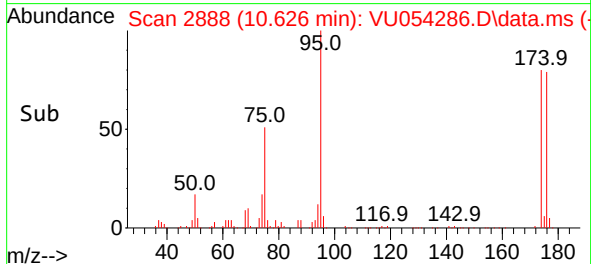
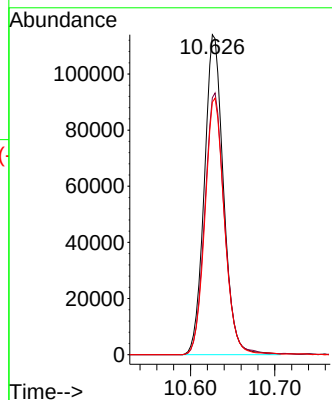
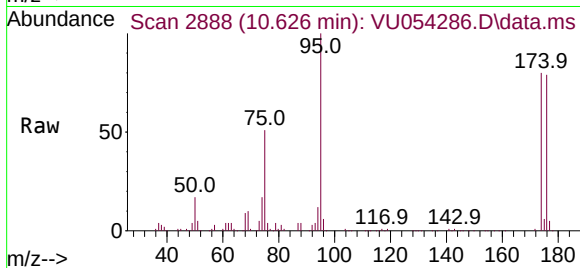




#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054286.D
Acq: 26 May 2023 15:26

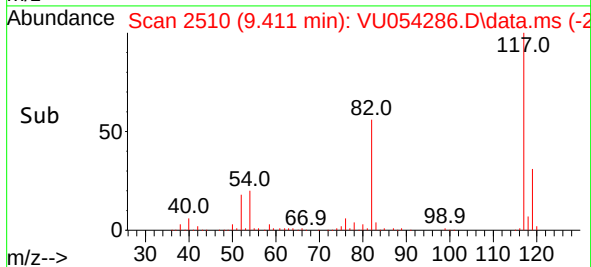
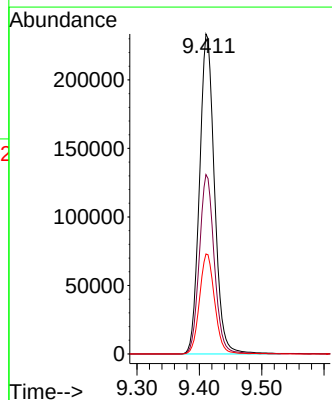
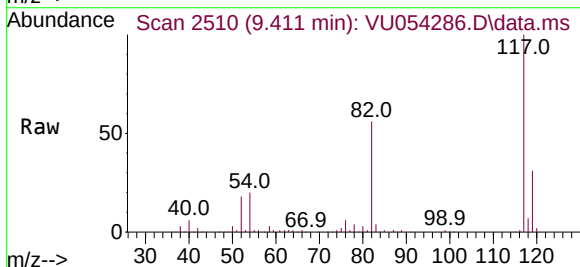
Instrument : MSVOA_U
ClientSampleId : FB-01-20230524

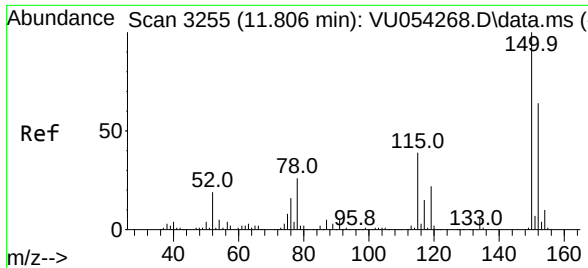
Tgt Ion: 95 Resp: 180773
Ion Ratio Lower Upper
95 100
174 83.9 0.0 182.0
176 81.7 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054286.D
Acq: 26 May 2023 15:26

Tgt Ion: 117 Resp: 390281
Ion Ratio Lower Upper
117 100
82 56.0 41.7 62.5
119 31.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054286.D

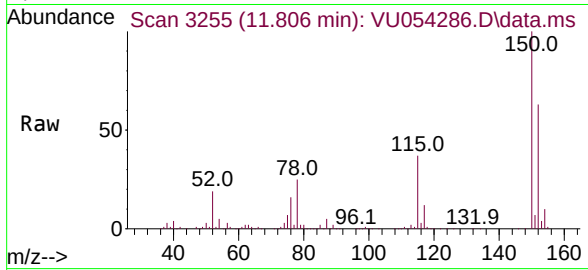
Acq: 26 May 2023 15:26

Instrument :

MSVOA_U

ClientSampleId :

FB-01-20230524



Tgt Ion:152 Resp: 196467

Ion Ratio Lower Upper

152 100

115 58.9 37.0 110.9

150 158.8 0.0 342.2

