

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054334.D
 Acq On : 31 May 2023 13:51
 Operator : JC/MD
 Sample : 02936-21DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-02-20230524DL

Quant Time: Jun 01 05:14:59 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)

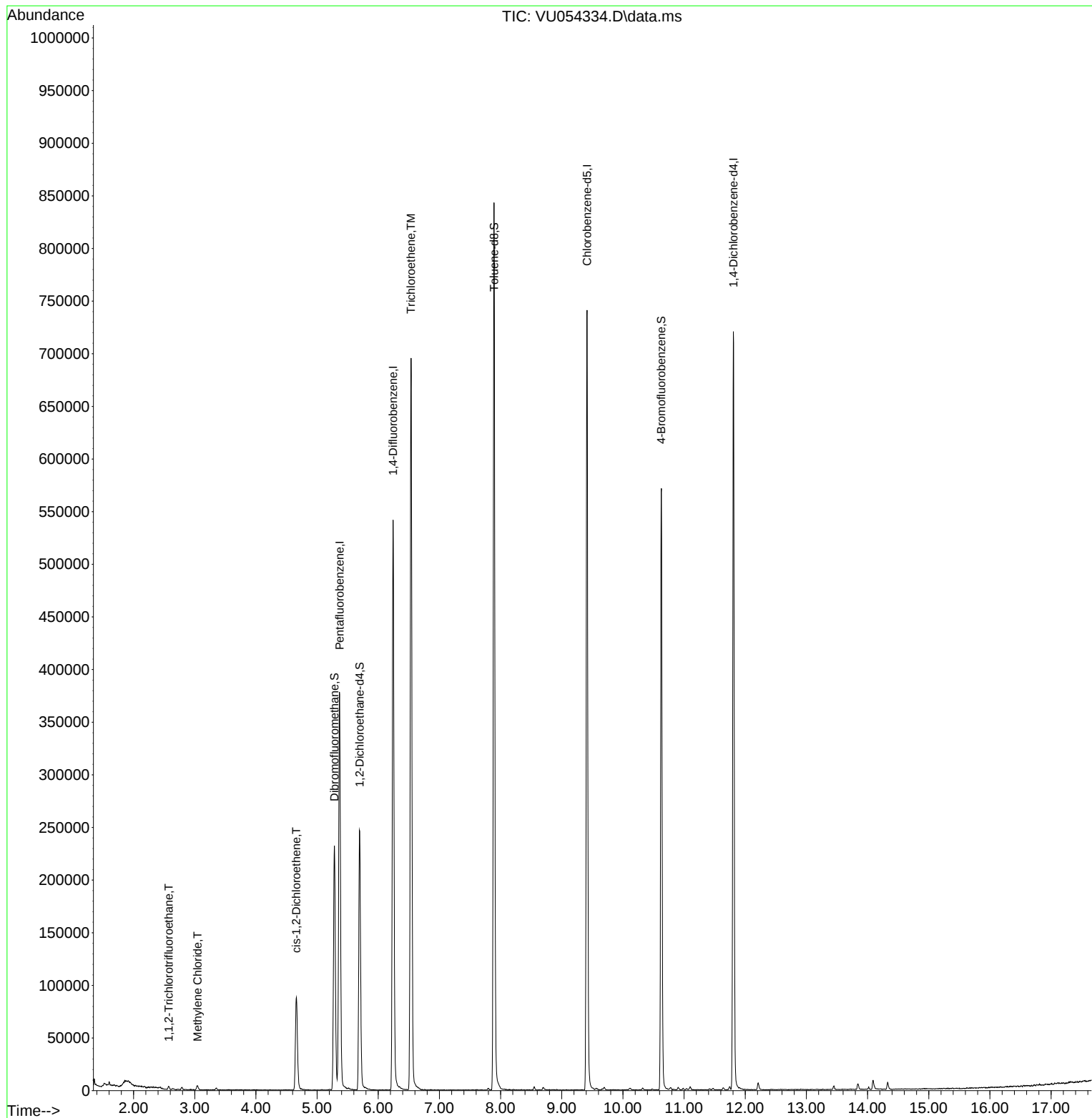
Internal Standards						
1) Pentafluorobenzene	5.369	168	273233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	448171	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	422188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	198174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	187761	52.421	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.840%	
35) Dibromofluoromethane	5.282	113	153162	53.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.140%	
50) Toluene-d8	7.893	98	562254	51.217	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	10.629	95	191907	45.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.160%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.575	101	859	0.303	ug/l #	82
20) Methylene Chloride	3.047	84	1929	0.521	ug/l #	86
27) cis-1,2-Dichloroethene	4.661	96	50008	14.287	ug/l	95
44) Trichloroethene	6.536	130	243551	67.382	ug/l	93

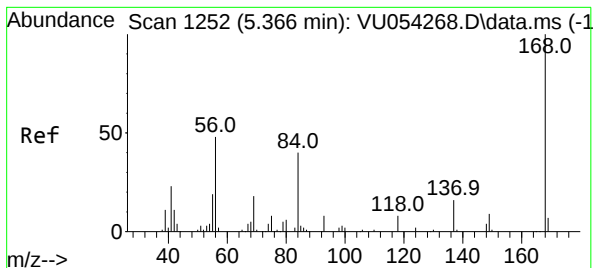
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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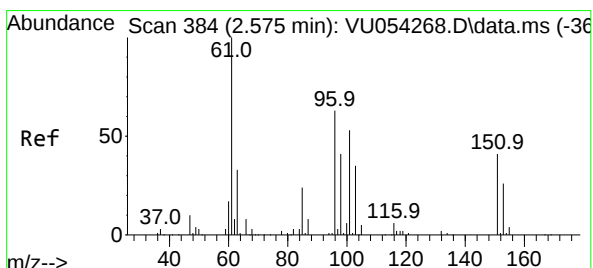
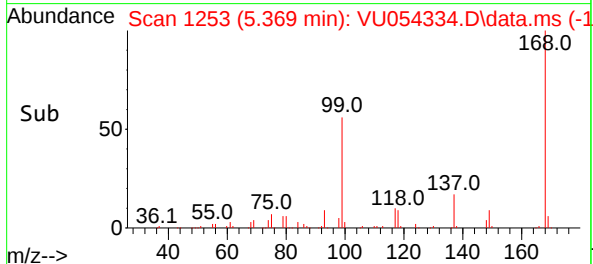
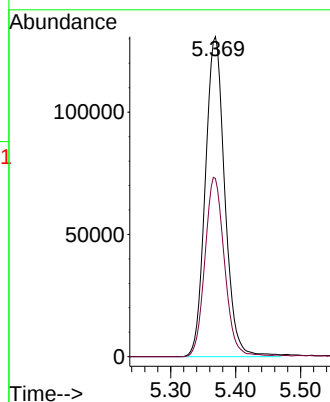
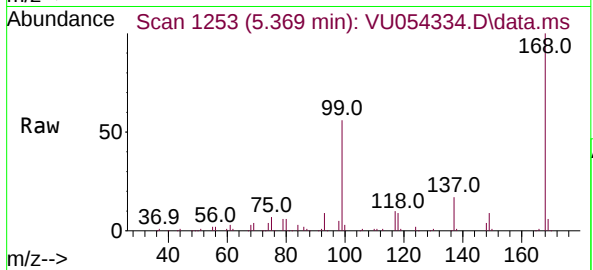




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054334.D
Acq: 31 May 2023 13:51

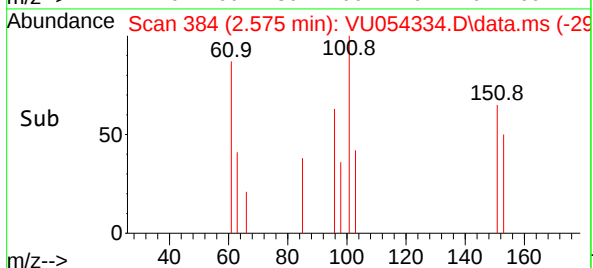
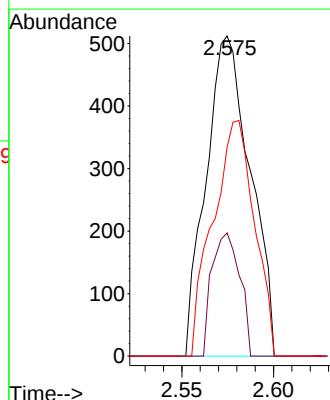
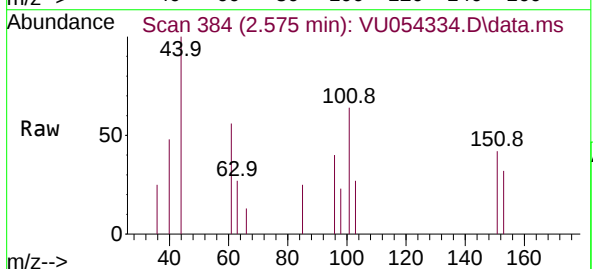
Instrument :
MSVOA_U
ClientSampleId :
DUP-02-20230524DL

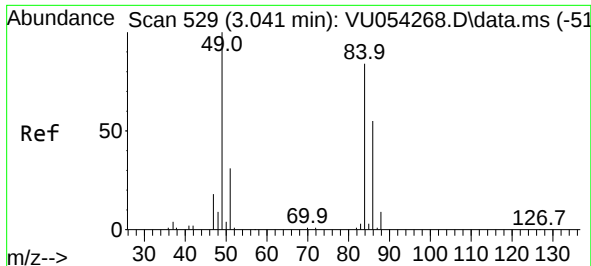
Tgt Ion:168 Resp: 273233
Ion Ratio Lower Upper
168 100
99 55.7 39.3 58.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.303 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054334.D
Acq: 31 May 2023 13:51

Tgt Ion:101 Resp: 859
Ion Ratio Lower Upper
101 100
85 24.2 33.9 50.9#
151 69.2 64.0 96.0

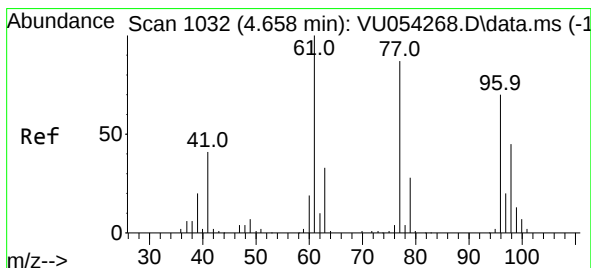
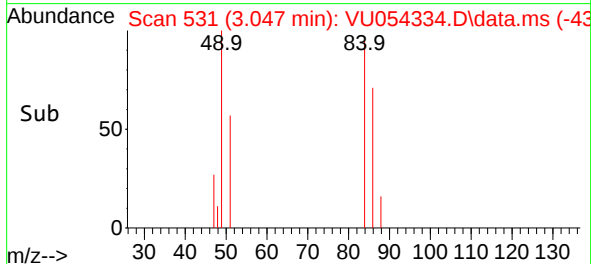
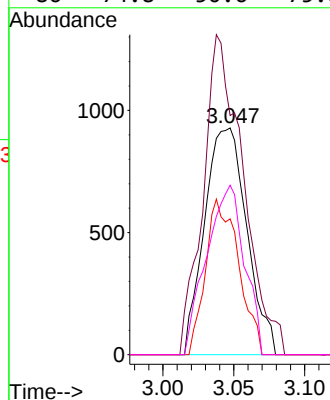
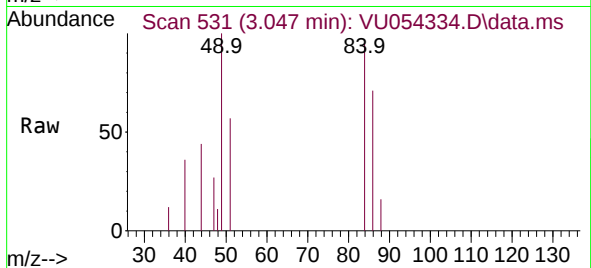




#20
Methylene Chloride
Concen: 0.521 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU054334.D
Acq: 31 May 2023 13:51

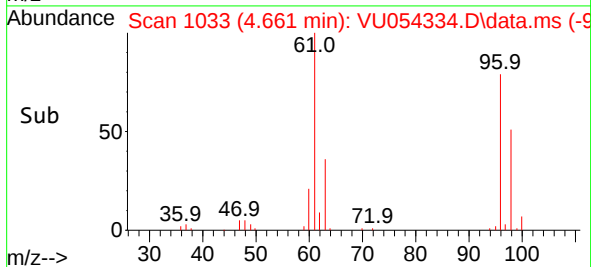
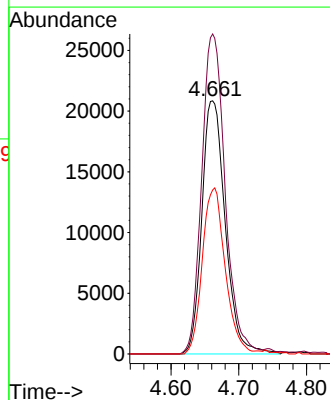
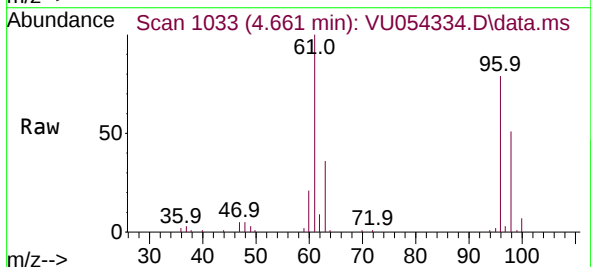
Instrument :
MSVOA_U
ClientSampleId :
DUP-02-20230524DL

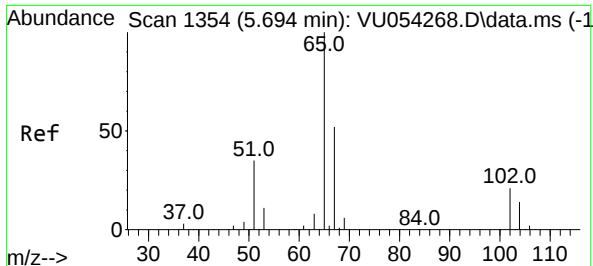
Tgt Ion:	84	Resp:	1929
Ion	Ratio	Lower	Upper
84	100		
49	105.5	86.6	129.8
51	59.9	26.6	40.0#
86	74.8	50.6	75.8



#27
cis-1,2-Dichloroethene
Concen: 14.287 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU054334.D
Acq: 31 May 2023 13:51

Tgt Ion:	96	Resp:	50008
Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	271.6
98	64.1	0.0	128.2





#33

1,2-Dichloroethane-d4

Concen: 52.421 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054334.D

Acq: 31 May 2023 13:51

Instrument :

MSVOA_U

ClientSampleId :

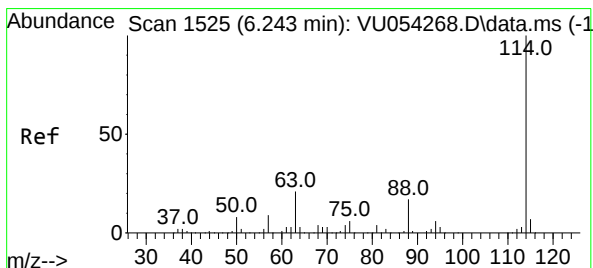
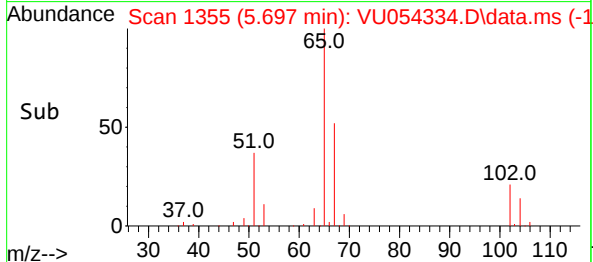
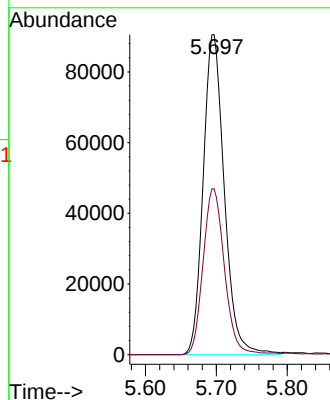
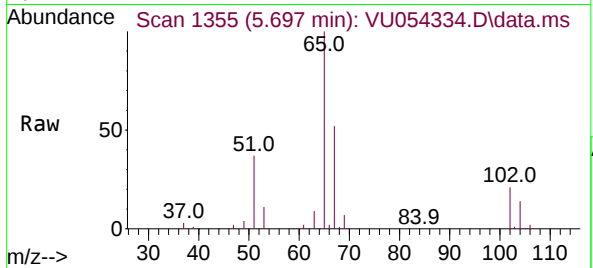
DUP-02-20230524DL

Tgt Ion: 65 Resp: 187761

Ion Ratio Lower Upper

65 100

67 52.2 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: VU054334.D

Acq: 31 May 2023 13:51

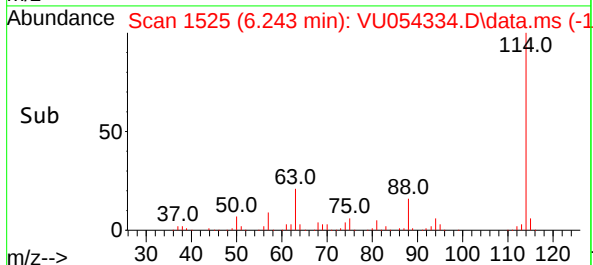
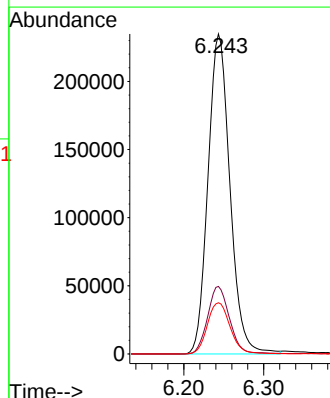
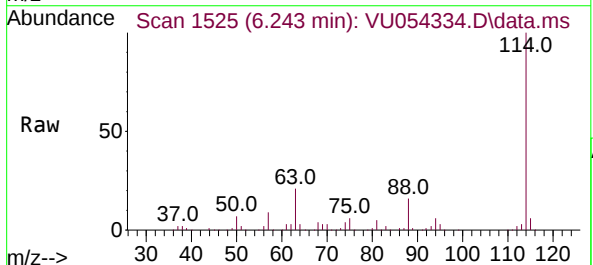
Tgt Ion: 114 Resp: 448171

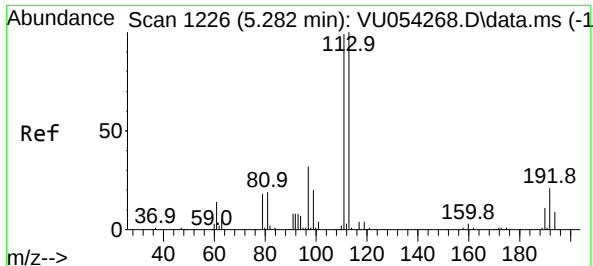
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 16.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.068 ug/l

RT: 5.282 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054334.D

Acq: 31 May 2023 13:51

Instrument :

MSVOA_U

ClientSampleId :

DUP-02-20230524DL

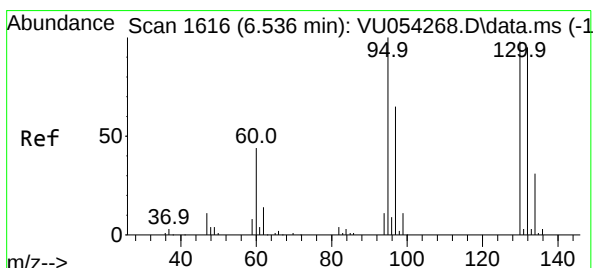
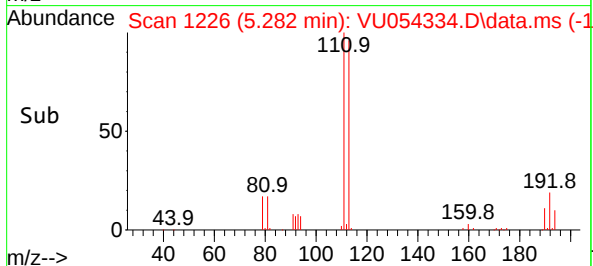
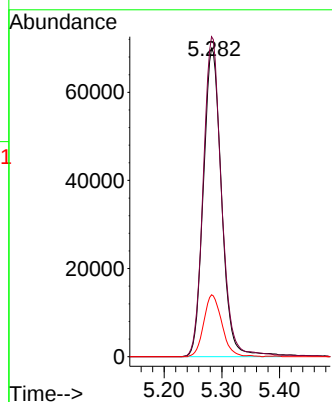
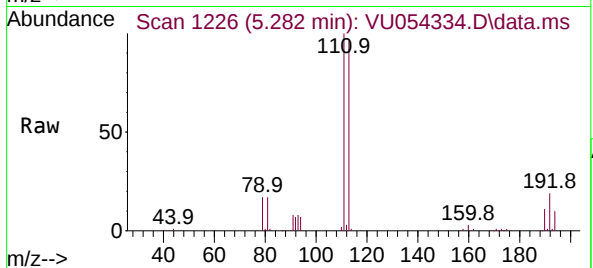
Tgt Ion:113 Resp: 153162

Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

192 19.9 18.0 27.0



#44

Trichloroethene

Concen: 67.382 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.000 min

Lab File: VU054334.D

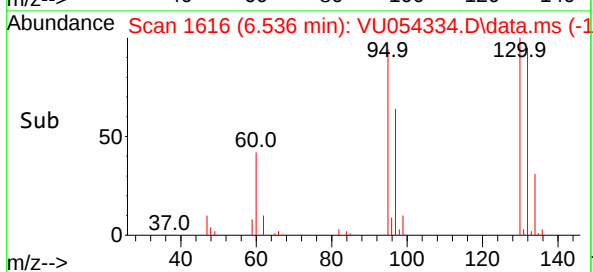
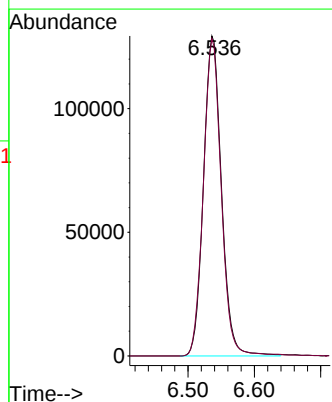
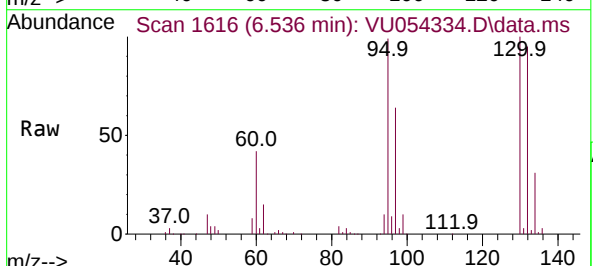
Acq: 31 May 2023 13:51

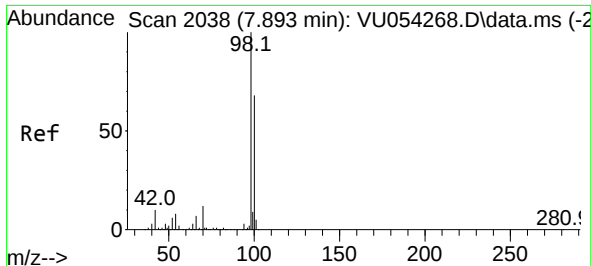
Tgt Ion:130 Resp: 243551

Ion Ratio Lower Upper

130 100

95 99.2 0.0 184.6

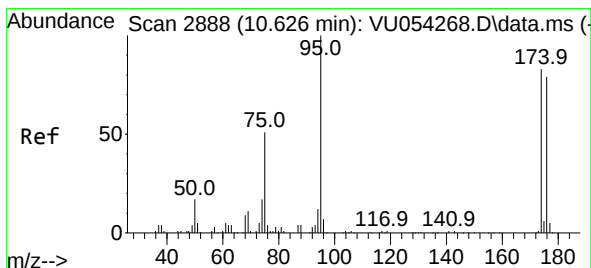
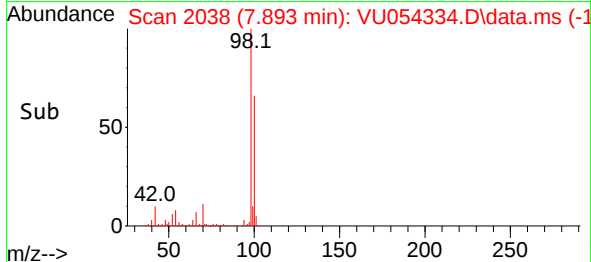
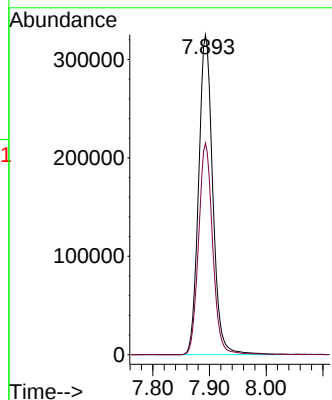
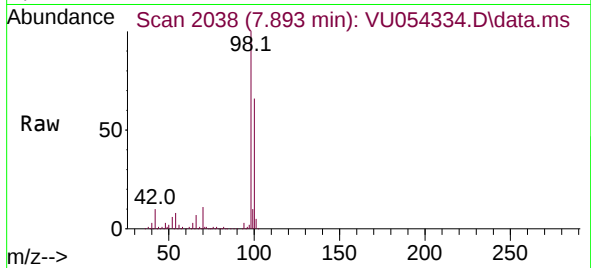




#50
Toluene-d8
Concen: 51.217 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054334.D
Acq: 31 May 2023 13:51

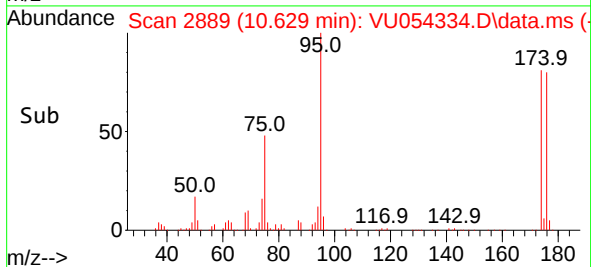
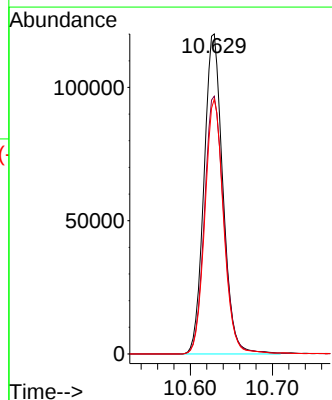
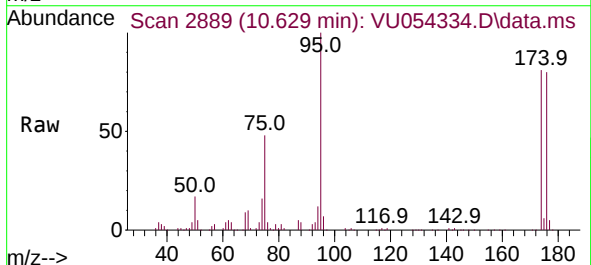
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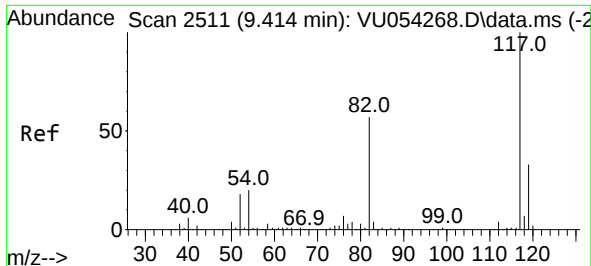
Tgt Ion: 98 Resp: 562254
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.085 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054334.D
Acq: 31 May 2023 13:51

Tgt Ion: 95 Resp: 191907
Ion Ratio Lower Upper
95 100
174 82.8 0.0 182.0
176 79.1 0.0 177.8

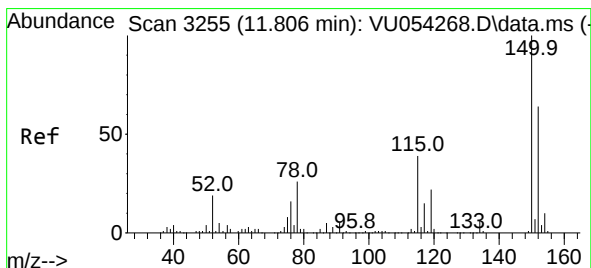
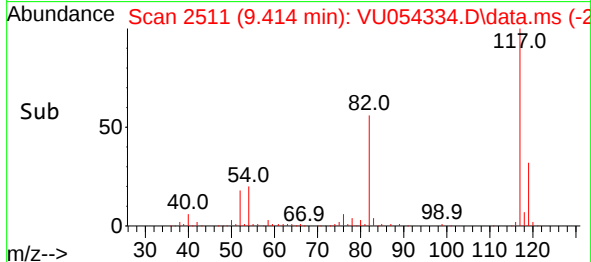
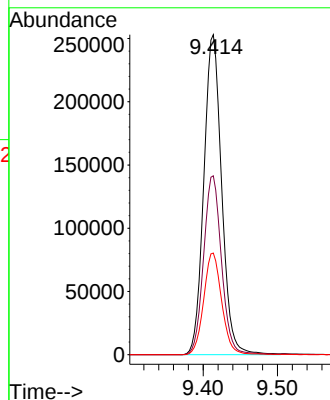
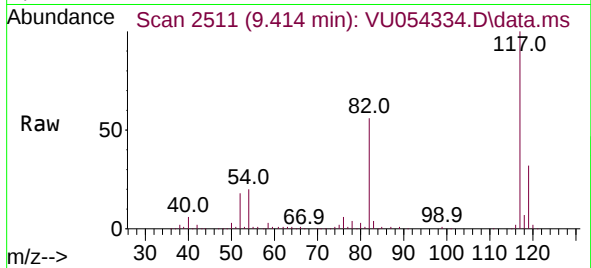




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054334.D
Acq: 31 May 2023 13:51

Instrument :
MSVOA_U
ClientSampleId :
DUP-02-20230524DL

Tgt Ion:117 Resp: 422188
Ion Ratio Lower Upper
117 100
82 55.9 41.7 62.5
119 31.7 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: VU054334.D
Acq: 31 May 2023 13:51

Tgt Ion:152 Resp: 198174
Ion Ratio Lower Upper
152 100
115 57.6 37.0 110.9
150 158.0 0.0 342.2

