

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054324.D
 Acq On : 30 May 2023 19:19
 Operator : JC/MD
 Sample : 02912-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D2-20230523

Quant Time: May 31 06:31:04 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)

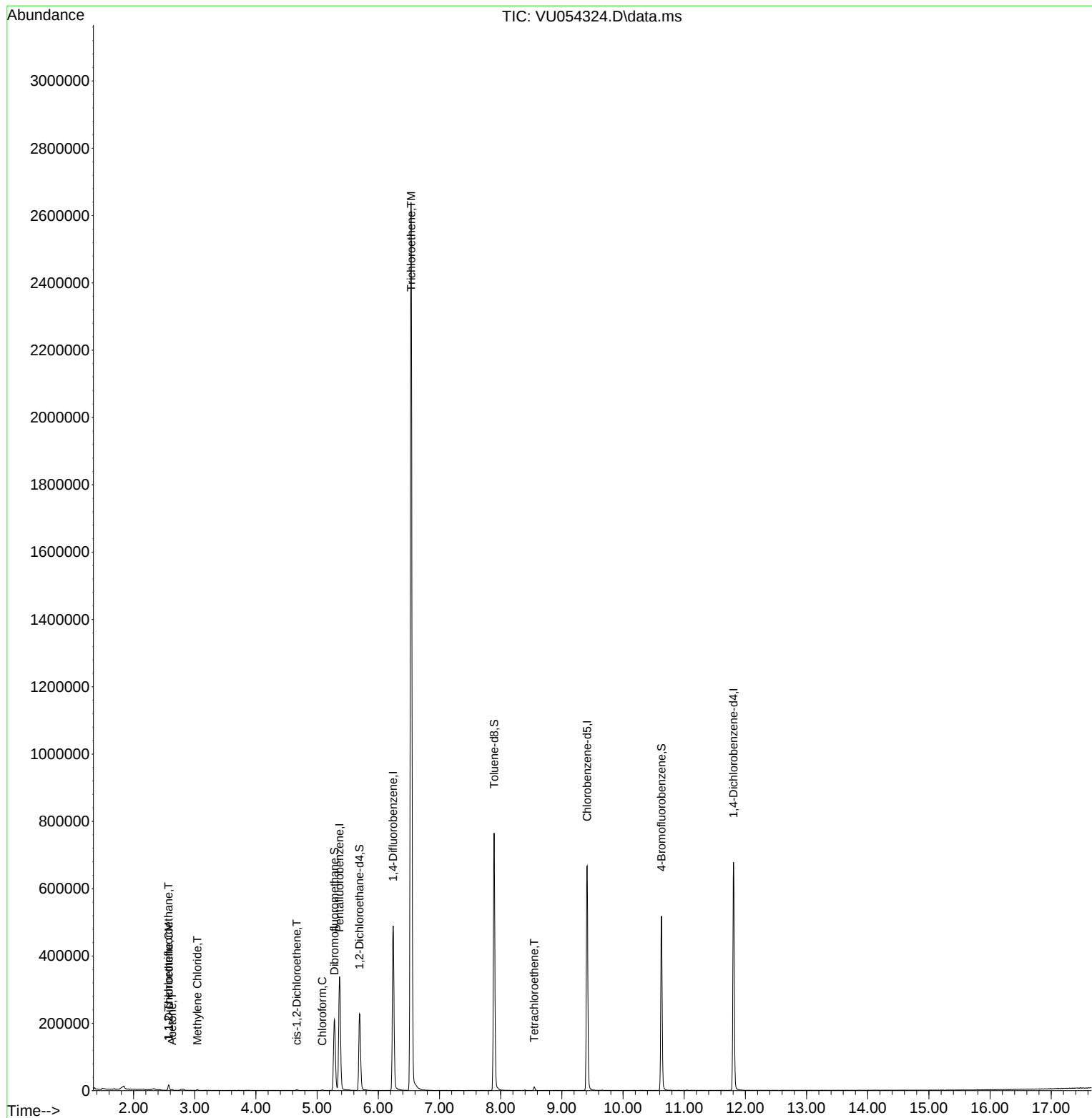
Internal Standards						
1) Pentafluorobenzene	5.366	168	246930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	407932	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	384826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	186495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	168295	51.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.980%	
35) Dibromofluoromethane	5.282	113	137273	52.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	7.893	98	507951	50.835	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	10.629	95	172390	44.494	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.980%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.571	101	5838	2.276	ug/l	92
12) 1,1-Dichloroethene	2.575	96	733	0.276	ug/l	96
16) Acetone	2.629	43	2704	1.457	ug/l	99
20) Methylene Chloride	3.041	84	1117	0.334	ug/l #	78
27) cis-1,2-Dichloroethene	4.668	96	1318	0.417	ug/l	93
30) Chloroform	5.083	83	1476	0.278	ug/l #	79
44) Trichloroethene	6.536	130	912159	277.255	ug/l	92
64) Tetrachloroethene	8.549	164	2268	0.783	ug/l #	88

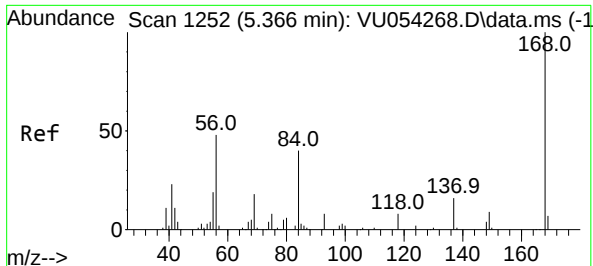
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU054324.D
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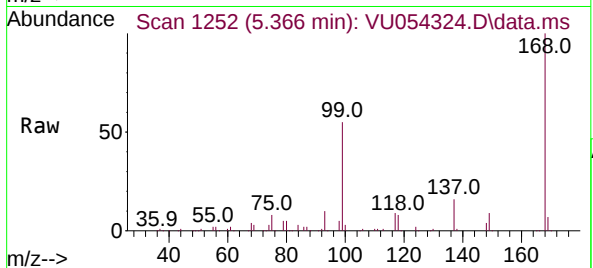
Quant Time: May 31 06:31:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 06:40:51 2023
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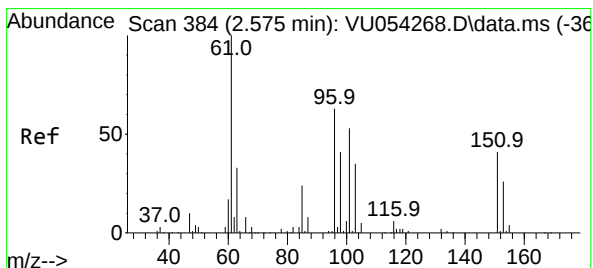
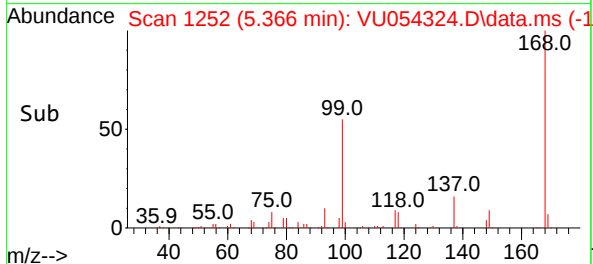
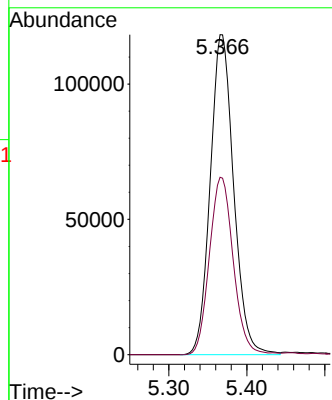


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20230523

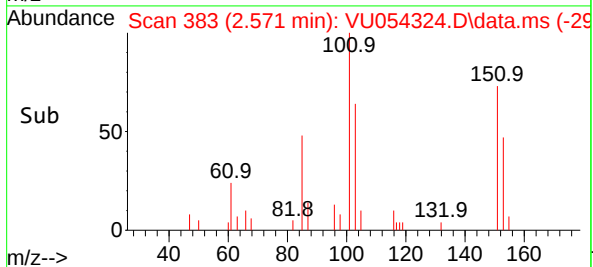
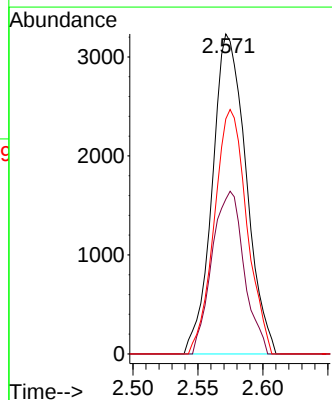
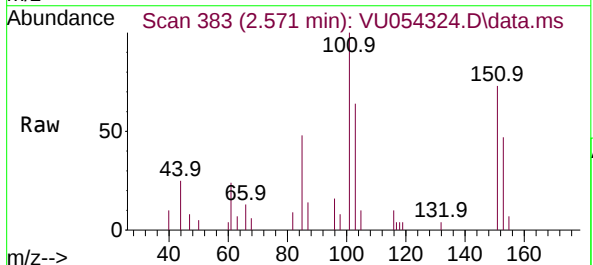


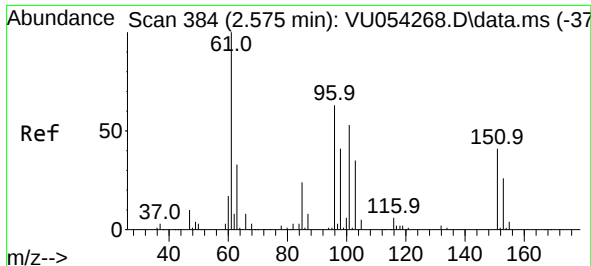
Tgt Ion:168 Resp: 246930
Ion Ratio Lower Upper
168 100
99 55.4 39.3 58.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.276 ug/l
RT: 2.571 min Scan# 383
Delta R.T. -0.004 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

Tgt Ion:101 Resp: 5838
Ion Ratio Lower Upper
101 100
85 48.3 33.9 50.9
151 73.6 64.0 96.0





#12

1,1-Dichloroethene

Concen: 0.276 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU054324.D

Acq: 30 May 2023 19:19

Instrument :

MSVOA_U

ClientSampleId :

RE103D2-20230523

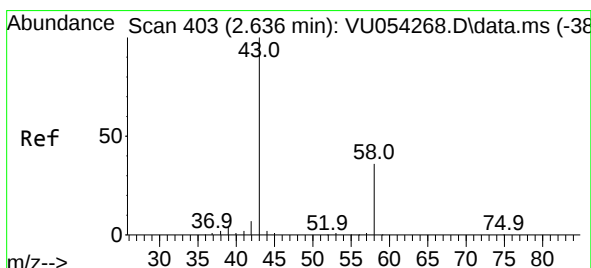
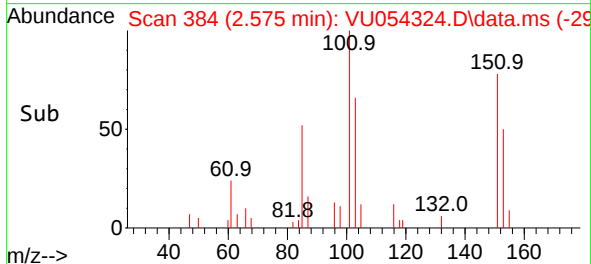
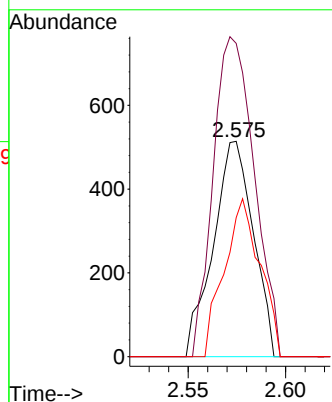
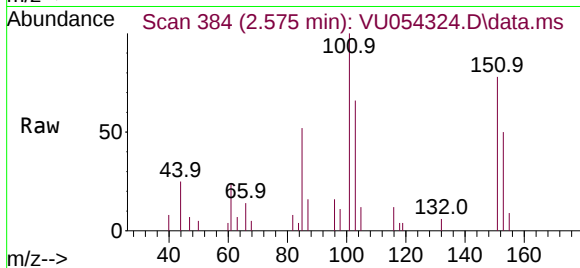
Tgt Ion: 96 Resp: 733

Ion Ratio Lower Upper

96 100

61 145.5 122.2 183.2

98 64.6 50.7 76.1



#16

Acetone

Concen: 1.457 ug/l

RT: 2.629 min Scan# 401

Delta R.T. -0.007 min

Lab File: VU054324.D

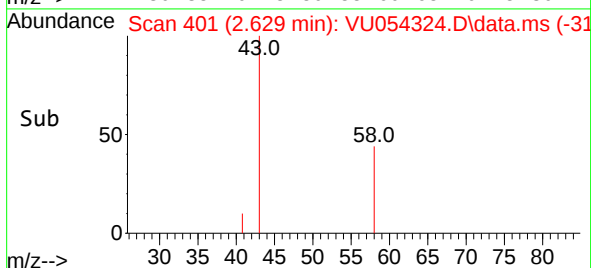
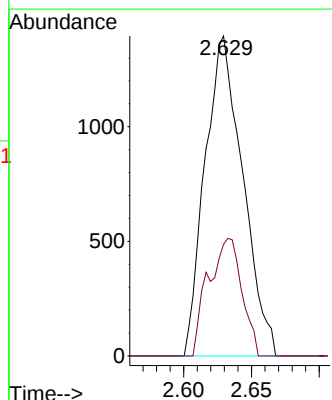
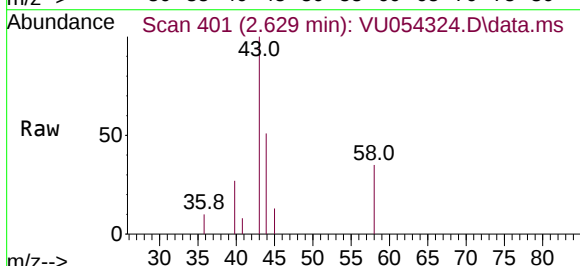
Acq: 30 May 2023 19:19

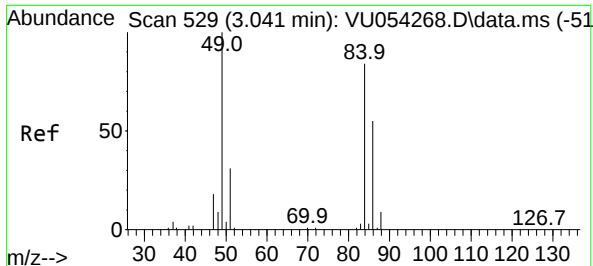
Tgt Ion: 43 Resp: 2704

Ion Ratio Lower Upper

43 100

58 34.9 27.5 41.3

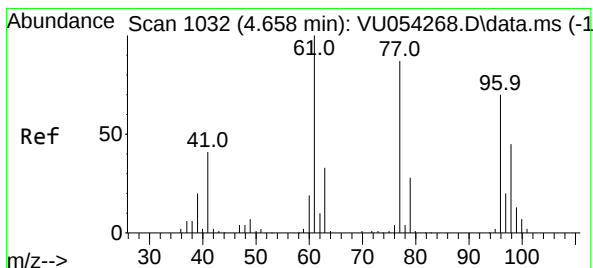
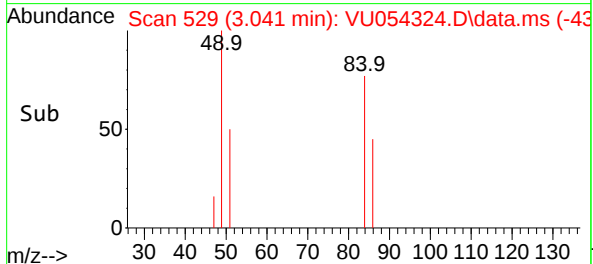
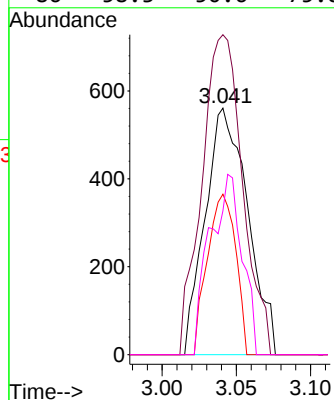
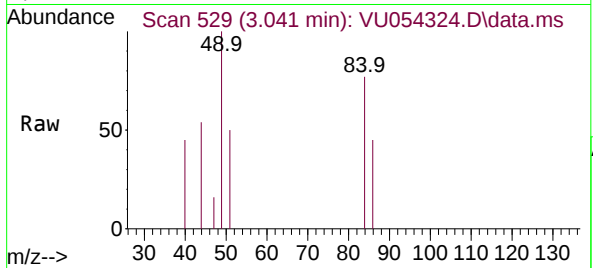




#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 3.041 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

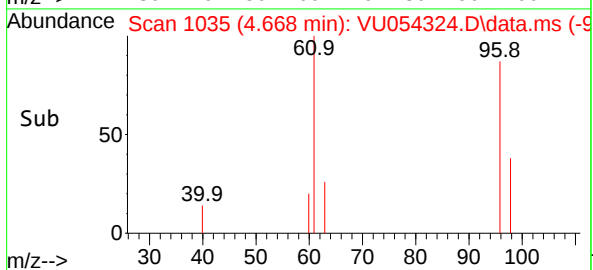
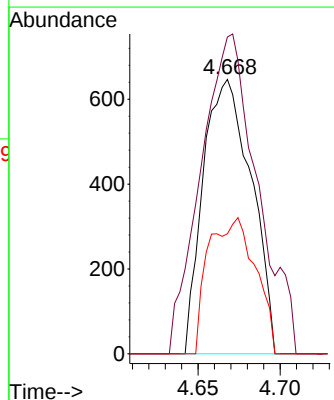
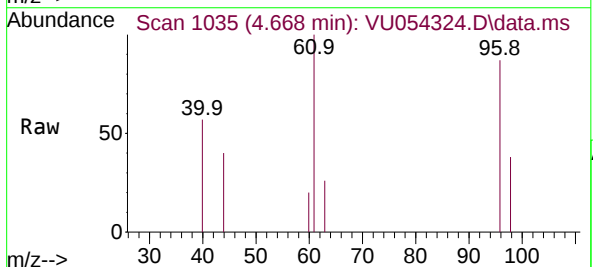
Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20230523

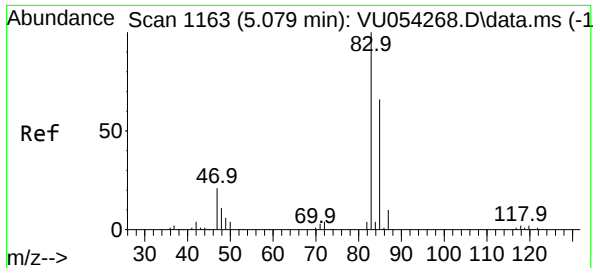
Tgt Ion:	84	Resp:	1117
Ion	Ratio	Lower	Upper
84	100		
49	129.8	86.6	129.8
51	65.1	26.6	40.0#
86	58.3	50.6	75.8



#27
cis-1,2-Dichloroethene
Concen: 0.417 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.010 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

Tgt Ion:	96	Resp:	1318
Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	271.6
98	48.5	0.0	128.2

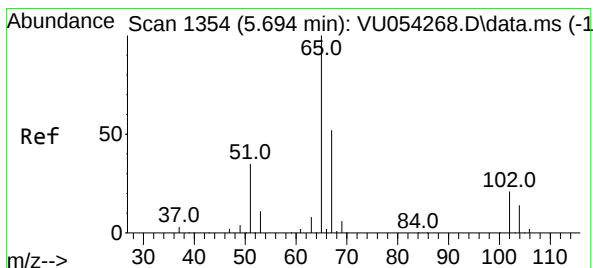
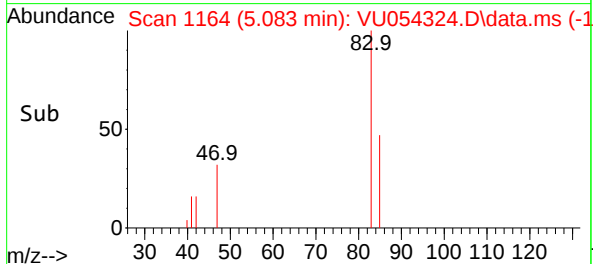
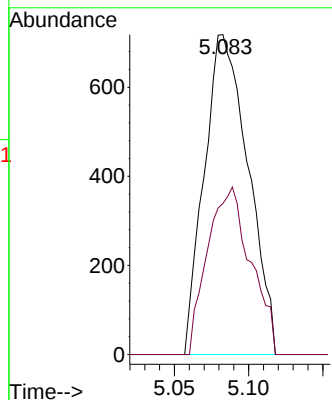
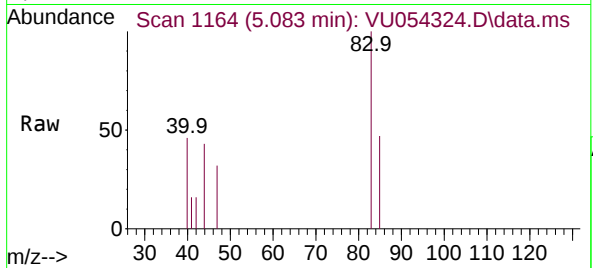




#30
Chloroform
Concen: 0.278 ug/l
RT: 5.083 min Scan# 1163
Delta R.T. 0.004 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

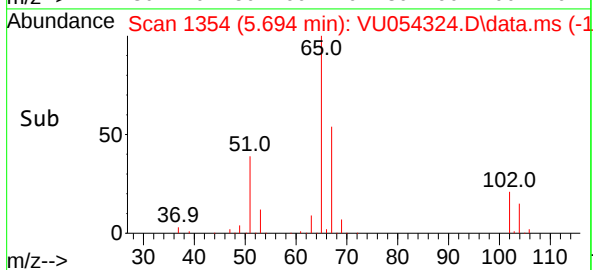
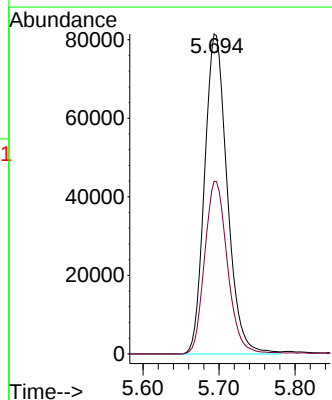
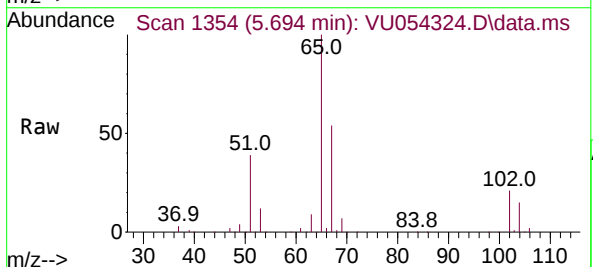
Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20230523

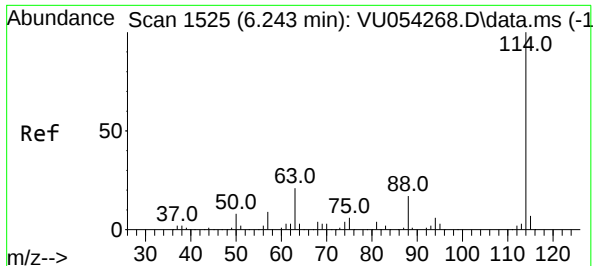
Tgt Ion: 83 Resp: 1476
Ion Ratio Lower Upper
83 100
85 47.2 51.2 76.8#



#33
1,2-Dichloroethane-d4
Concen: 51.991 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

Tgt Ion: 65 Resp: 168295
Ion Ratio Lower Upper
65 100
67 54.3 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: VU054324.D

Acq: 30 May 2023 19:19

Instrument :

MSVOA_U

ClientSampleId :

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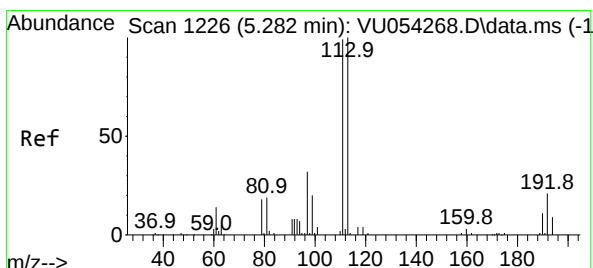
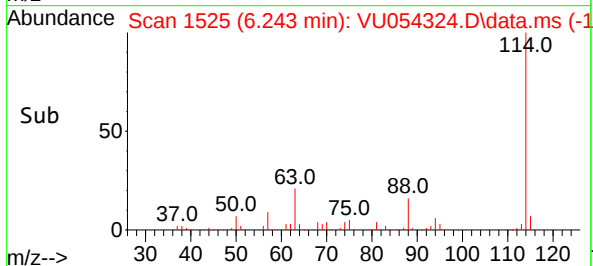
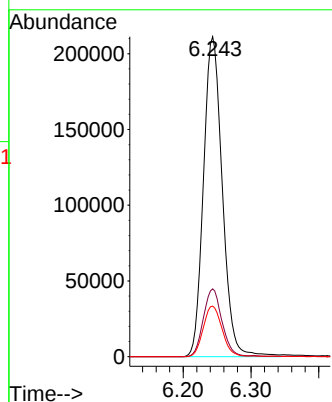
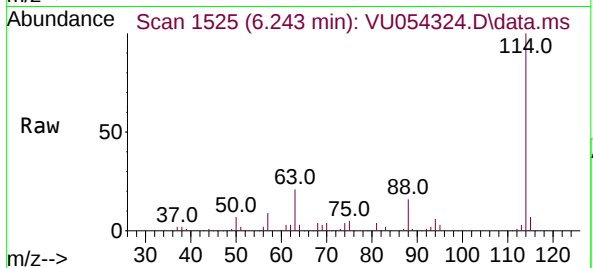
Tgt Ion:114 Resp: 407932

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 15.8 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.255 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VU054324.D

Acq: 30 May 2023 19:19

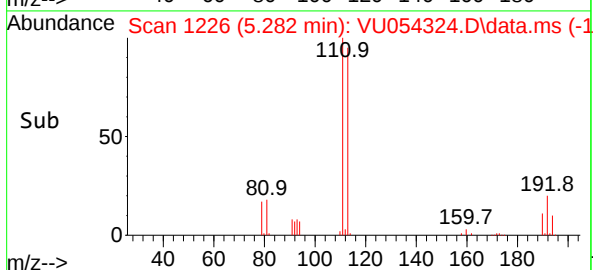
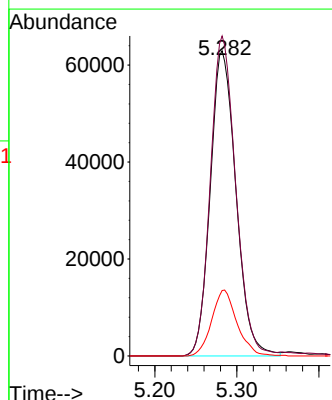
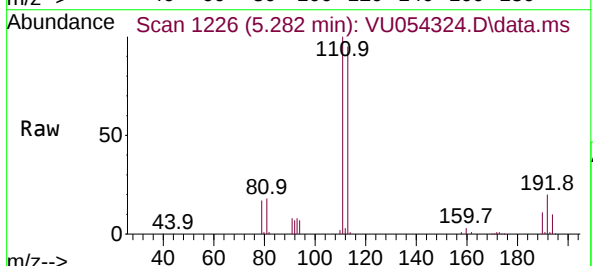
Tgt Ion:113 Resp: 137273

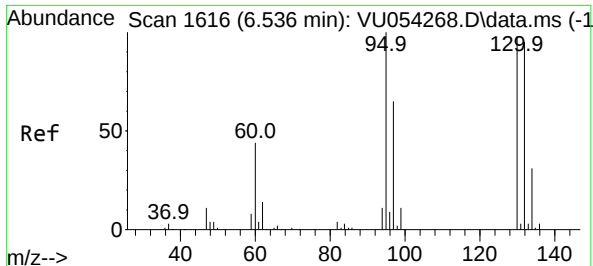
Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

192 21.3 18.0 27.0

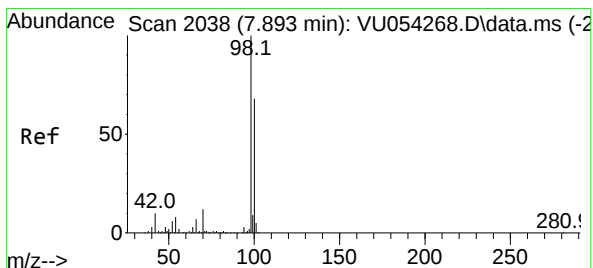
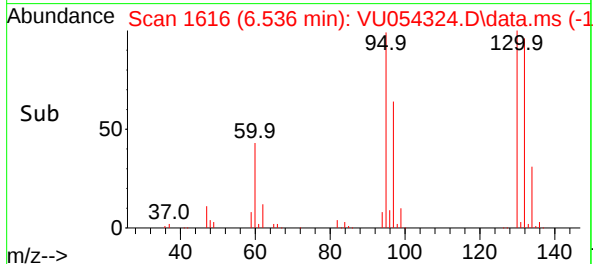
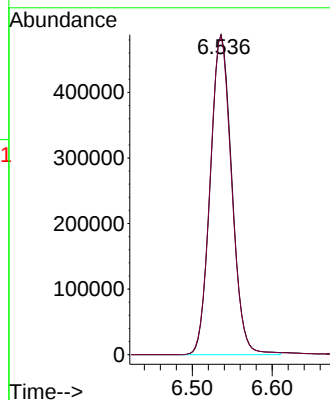
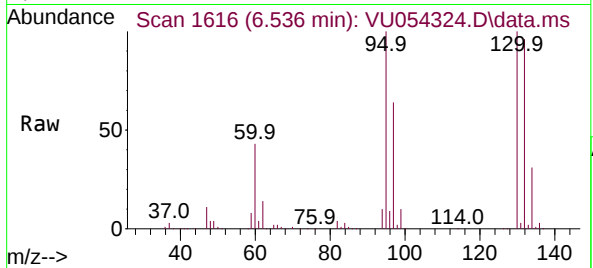




#44
Trichloroethene
Concen: 277.255 ug/l
RT: 6.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

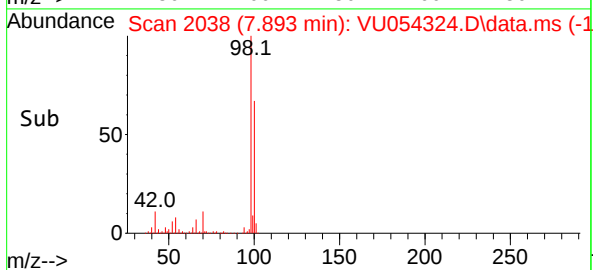
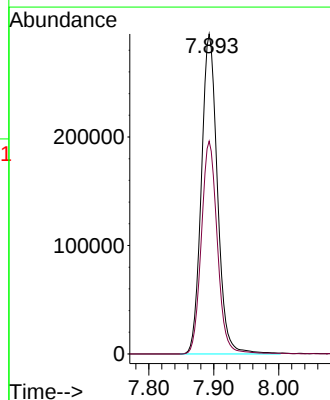
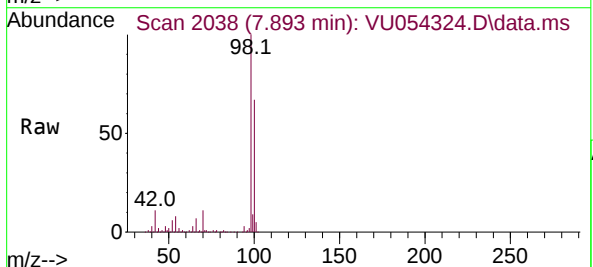
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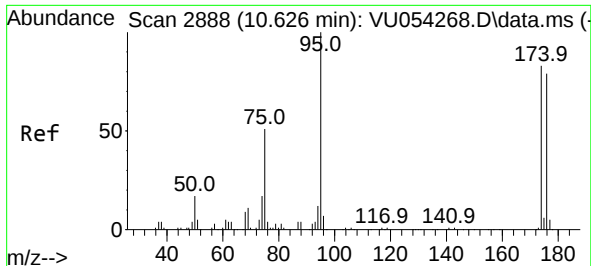
Tgt Ion:130 Resp: 912159
Ion Ratio Lower Upper
130 100
95 99.7 0.0 184.6



#50
Toluene-d8
Concen: 50.835 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

Tgt Ion: 98 Resp: 507951
Ion Ratio Lower Upper
98 100
100 66.3 51.7 77.5

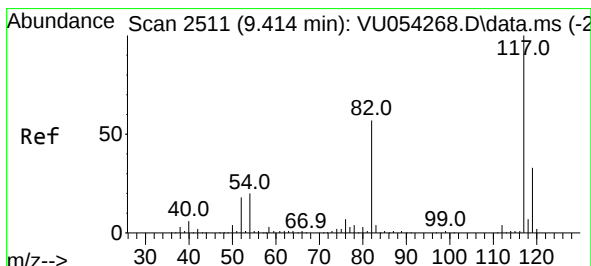
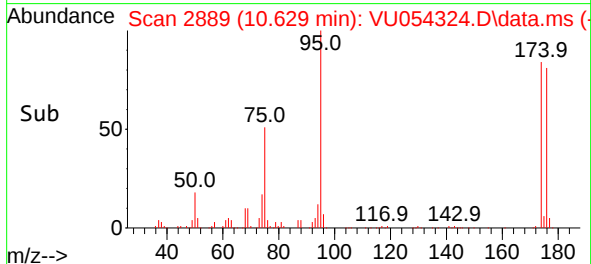
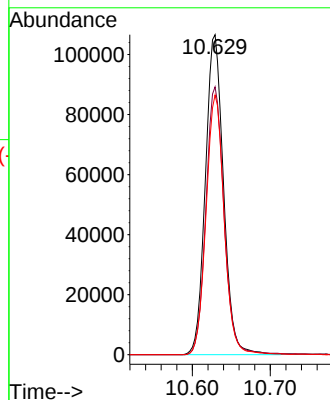
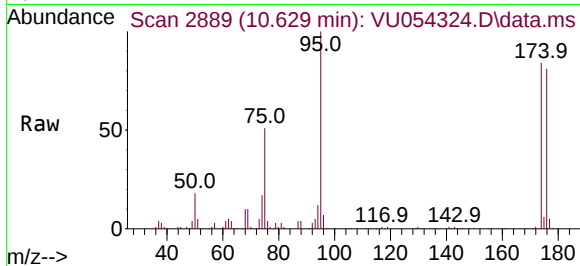




#62
4-Bromofluorobenzene
Concen: 44.494 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

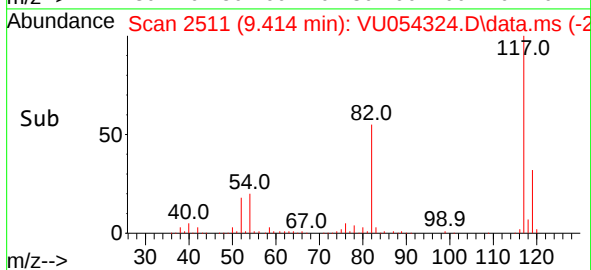
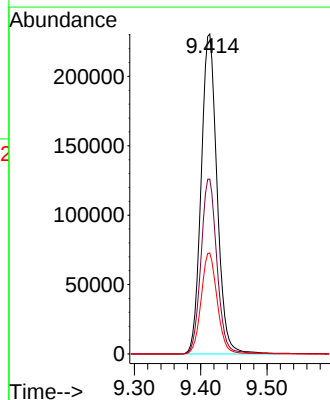
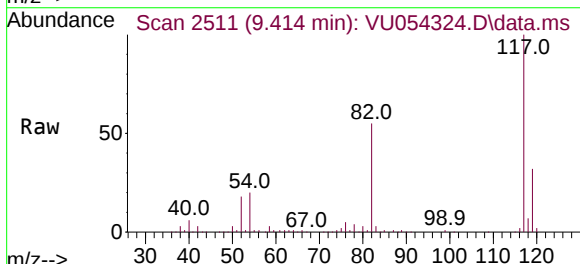
Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20230523

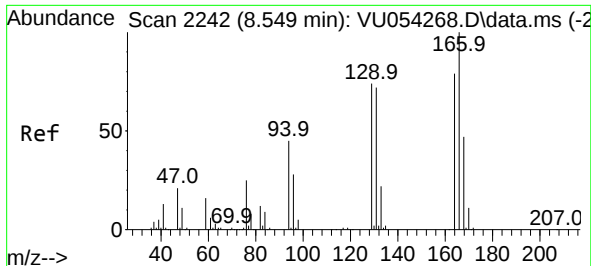
Tgt Ion: 95 Resp: 172390
Ion Ratio Lower Upper
95 100
174 84.0 0.0 182.0
176 81.0 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054324.D
Acq: 30 May 2023 19:19

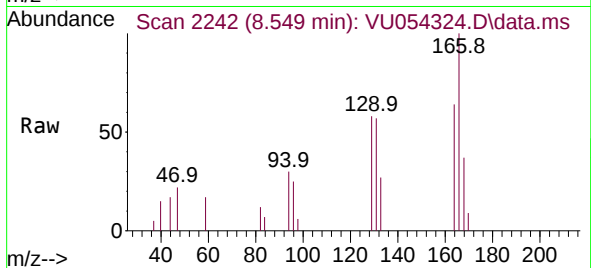
Tgt Ion: 117 Resp: 384826
Ion Ratio Lower Upper
117 100
82 54.7 41.7 62.5
119 31.6 25.7 38.5





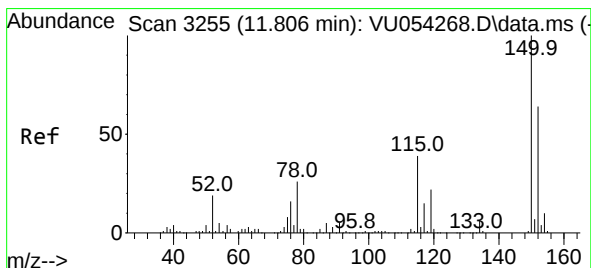
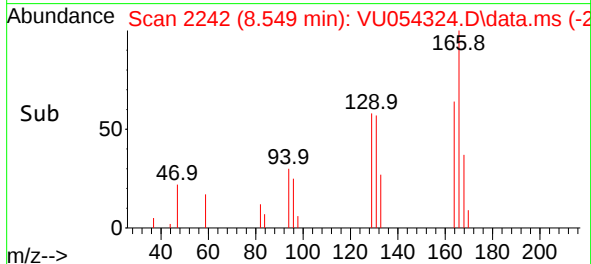
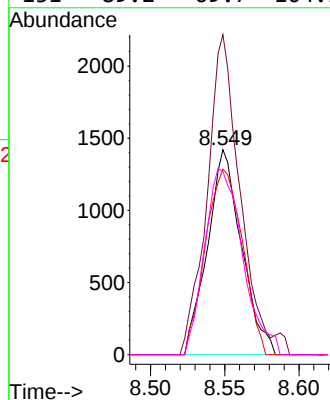
#64
 Tetrachloroethene
 Concen: 0.783 ug/l
 RT: 8.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU054324.D
 Acq: 30 May 2023 19:19

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D2-20230523



Tgt Ion:164 Resp: 2268

Ion	Ratio	Lower	Upper
164	100		
166	156.1	100.0	150.0#
129	90.4	72.0	108.0
131	89.2	69.7	104.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.806 min Scan# 3255
 Delta R.T. -0.000 min
 Lab File: VU054324.D
 Acq: 30 May 2023 19:19

Tgt Ion:152 Resp: 186495

Ion	Ratio	Lower	Upper
152	100		
115	57.8	37.0	110.9
150	156.2	0.0	342.2

