

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054291.D
 Acq On : 26 May 2023 17:24
 Operator : JC/MD
 Sample : 02936-13 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 7BR-20230524

Quant Time: May 30 00:04:07 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)

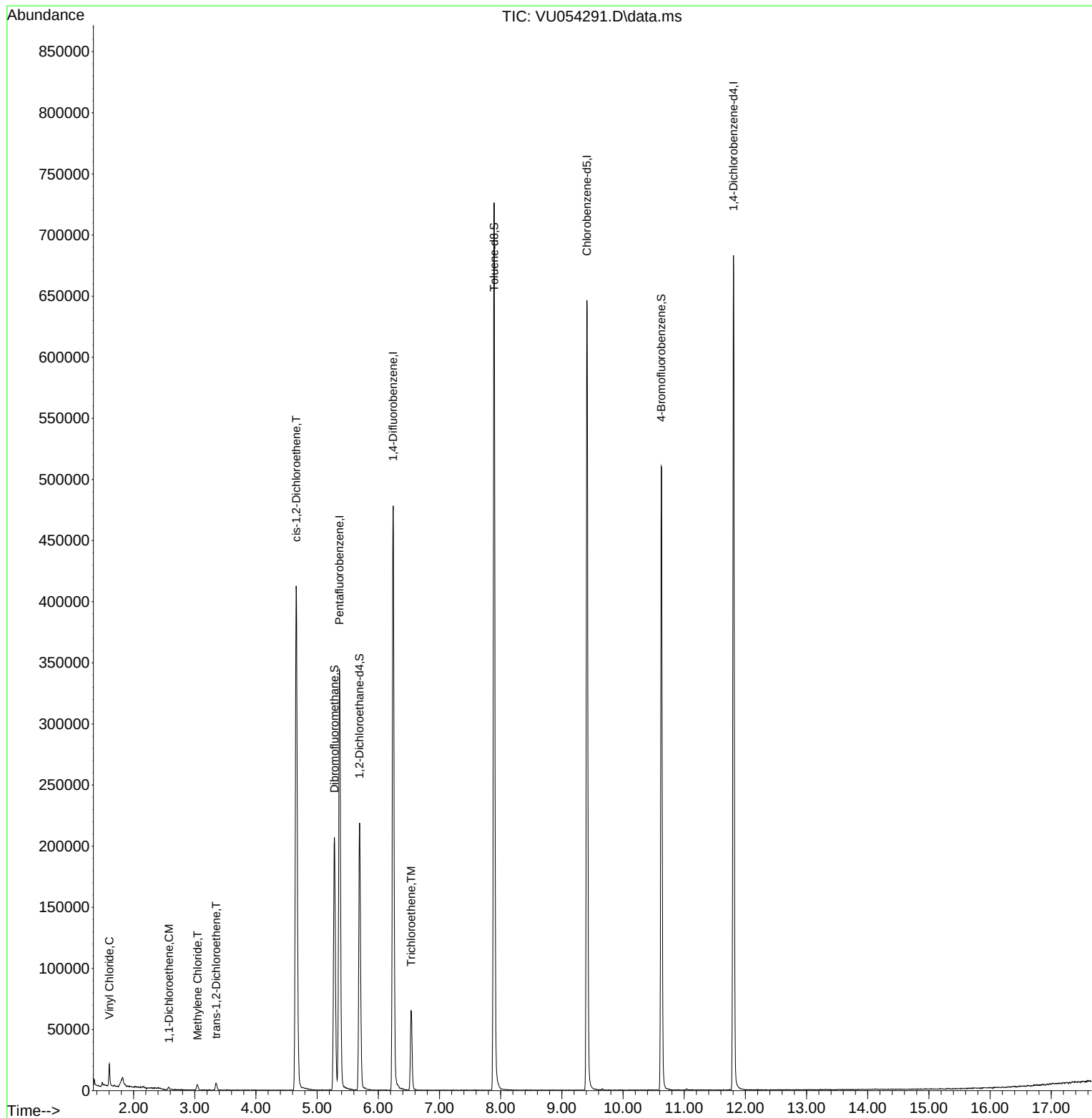
Internal Standards						
1) Pentafluorobenzene	5.366	168	252773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	402059	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	375015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	187348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	163782	49.427	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.860%		
35) Dibromofluoromethane	5.282	113	133486	51.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.120%		
50) Toluene-d8	7.893	98	489210	49.674	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.340%		
62) 4-Bromofluorobenzene	10.626	95	170840	44.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.480%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.604	62	13728	3.894	ug/l	96
12) 1,1-Dichloroethene	2.578	96	705	0.259	ug/l	90
20) Methylene Chloride	3.044	84	2310	0.674	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	2293	0.788	ug/l	95
27) cis-1,2-Dichloroethene	4.658	96	223743	69.094	ug/l	95
44) Trichloroethene	6.536	130	23581	7.272	ug/l	93

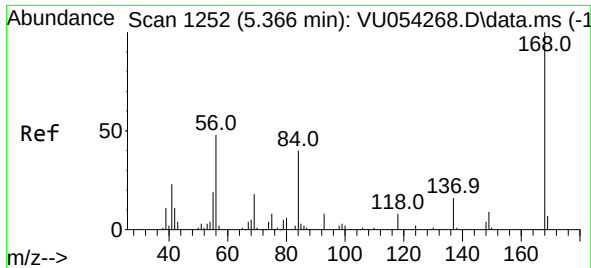
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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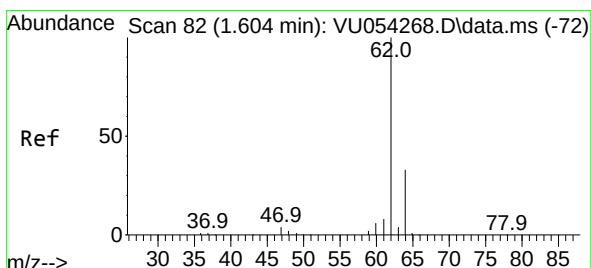
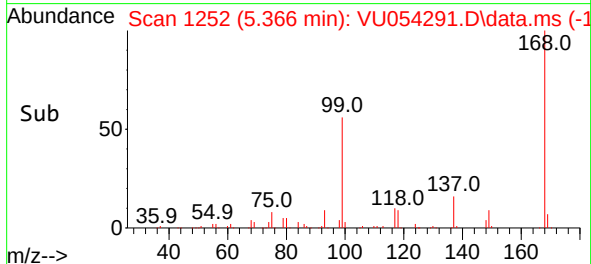
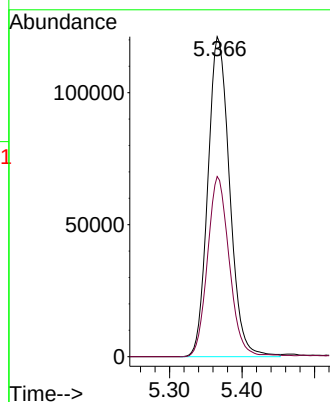
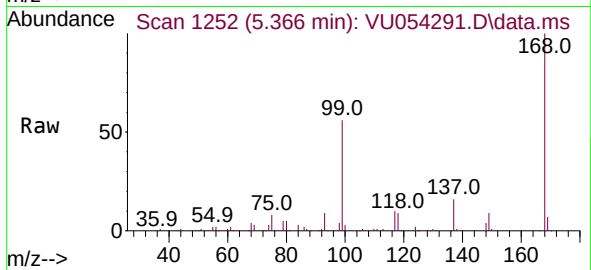




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054291.D
Acq: 26 May 2023 17:24

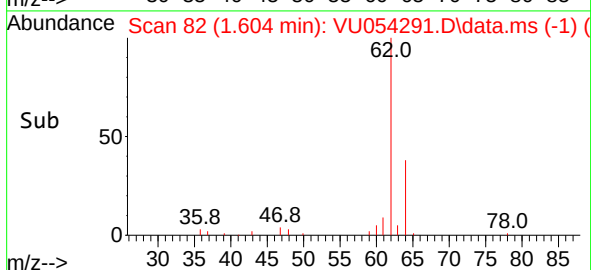
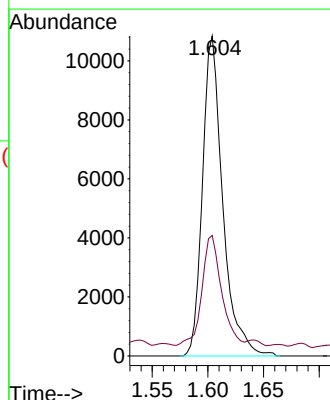
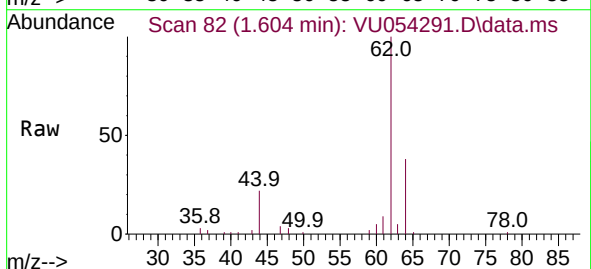
Instrument :
MSVOA_U
ClientSampleId :
7BR-20230524

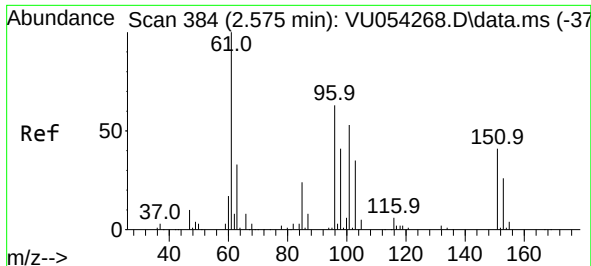
Tgt Ion:168 Resp: 252773
Ion Ratio Lower Upper
168 100
99 56.3 39.3 58.9



#4
Vinyl Chloride
Concen: 3.894 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054291.D
Acq: 26 May 2023 17:24

Tgt Ion: 62 Resp: 13728
Ion Ratio Lower Upper
62 100
64 34.0 25.3 37.9

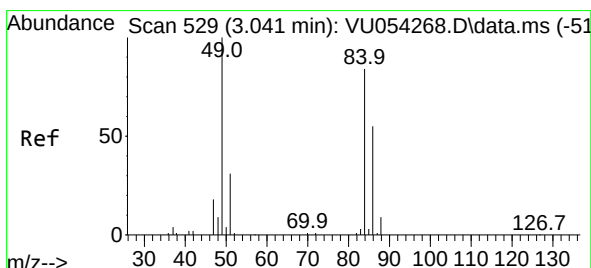
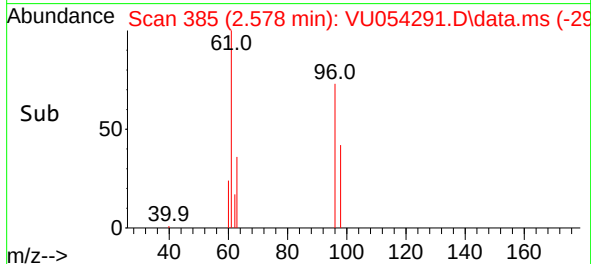
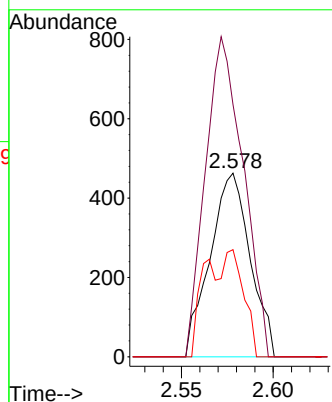
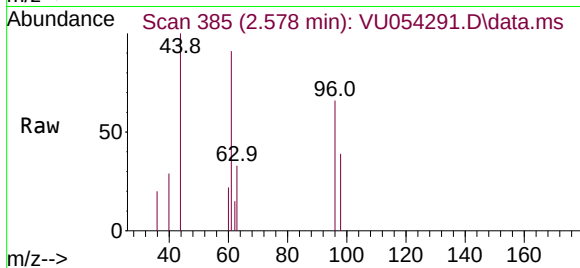




#12
1,1-Dichloroethene
Concen: 0.259 ug/l
RT: 2.578 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054291.D
Acq: 26 May 2023 17:24

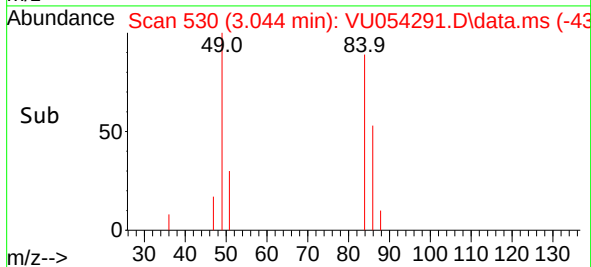
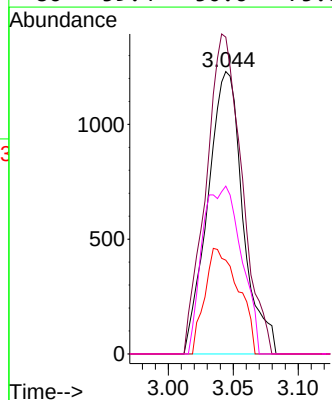
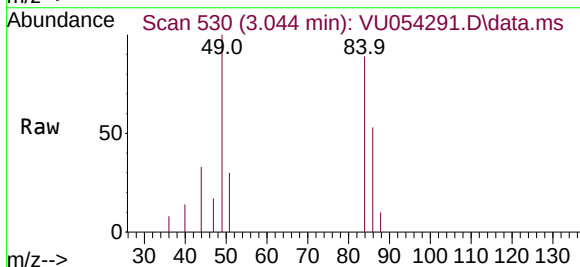
Instrument :
MSVOA_U
ClientSampleId :
7BR-20230524

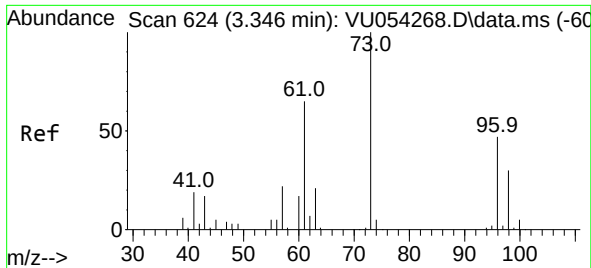
Tgt Ion:	96	Resp:	705
Ion	Ratio	Lower	Upper
96	100		
61	137.4	122.2	183.2
98	58.3	50.7	76.1



#20
Methylene Chloride
Concen: 0.674 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU054291.D
Acq: 26 May 2023 17:24

Tgt Ion:	84	Resp:	2310
Ion	Ratio	Lower	Upper
84	100		
49	112.2	86.6	129.8
51	33.2	26.6	40.0
86	59.4	50.6	75.8

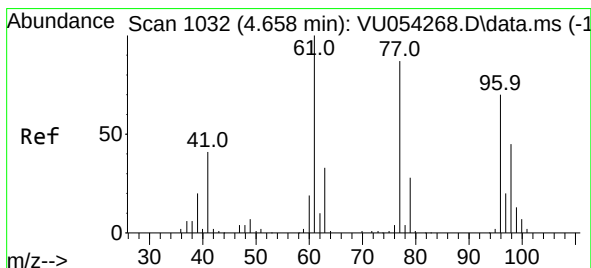
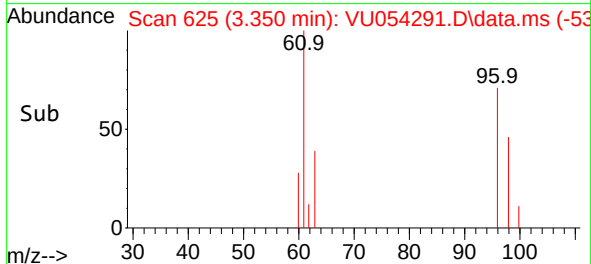
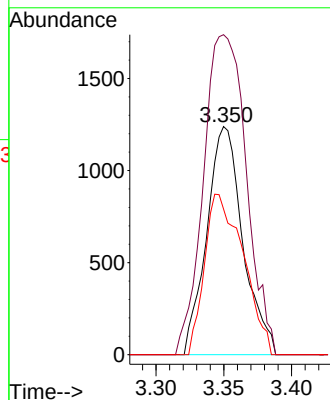
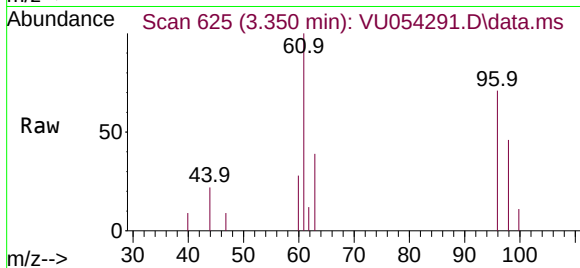




#21
trans-1,2-Dichloroethene
Concen: 0.788 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU054291.D
Acq: 26 May 2023 17:24

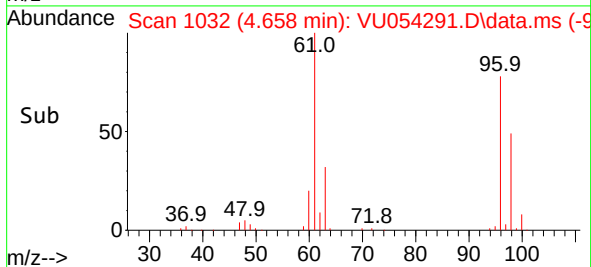
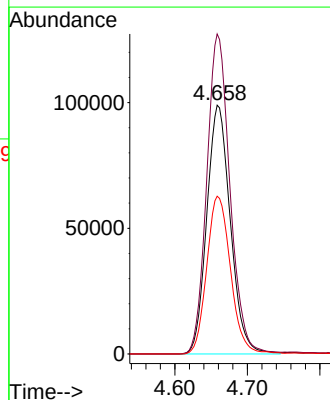
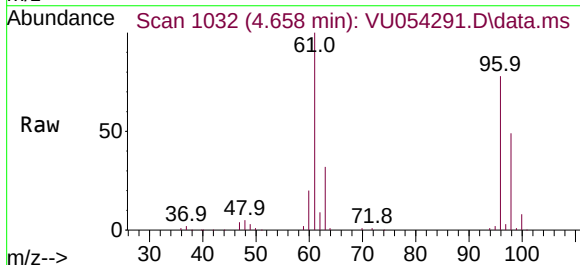
Instrument :
MSVOA_U
ClientSampleId :
7BR-20230524

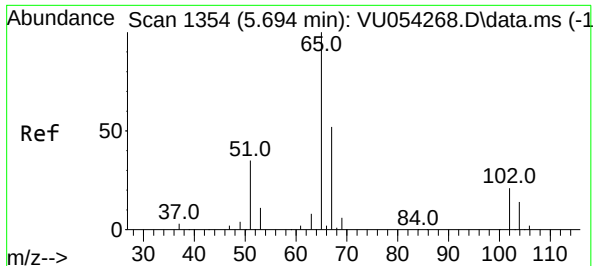
Tgt Ion: 96 Resp: 2293
Ion Ratio Lower Upper
96 100
61 140.3 106.1 159.1
98 63.8 50.8 76.2



#27
cis-1,2-Dichloroethene
Concen: 69.094 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU054291.D
Acq: 26 May 2023 17:24

Tgt Ion: 96 Resp: 223743
Ion Ratio Lower Upper
96 100
61 126.6 0.0 271.6
98 64.0 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 49.427 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054291.D

Acq: 26 May 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

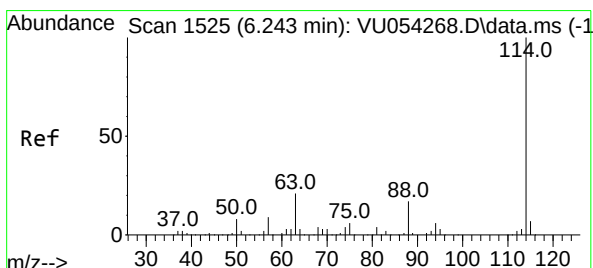
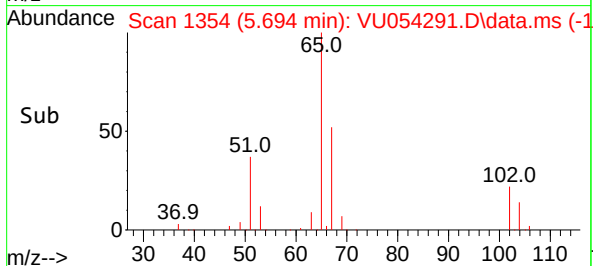
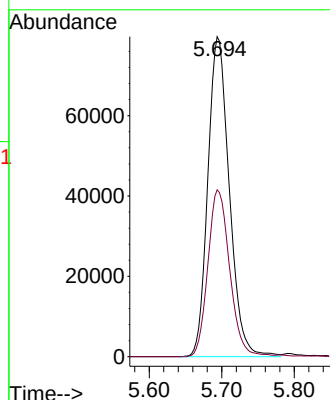
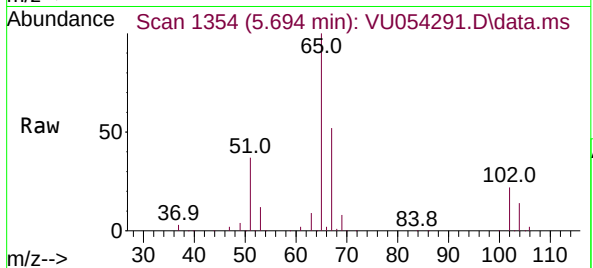
7BR-20230524

Tgt Ion: 65 Resp: 163782

Ion Ratio Lower Upper

65 100

67 53.0 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: VU054291.D

Acq: 26 May 2023 17:24

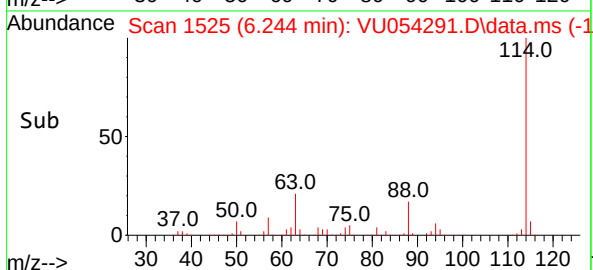
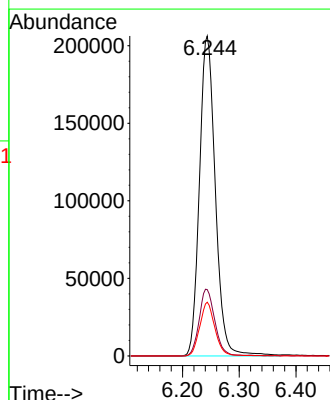
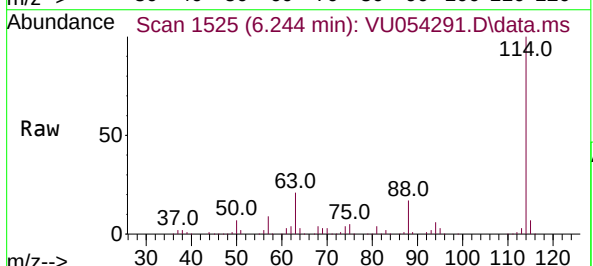
Tgt Ion: 114 Resp: 402059

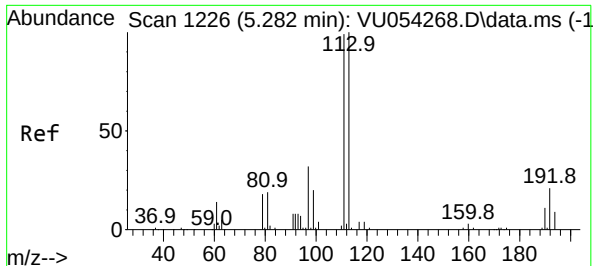
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.8

88 16.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.556 ug/l

RT: 5.282 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054291.D

Acq: 26 May 2023 17:24

Instrument :

MSVOA_U

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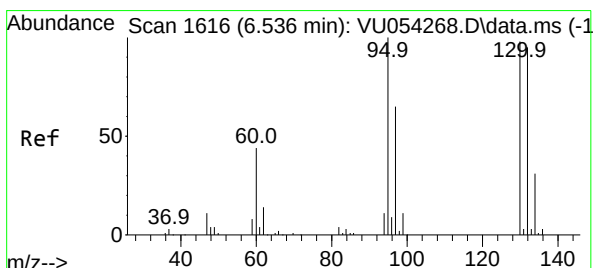
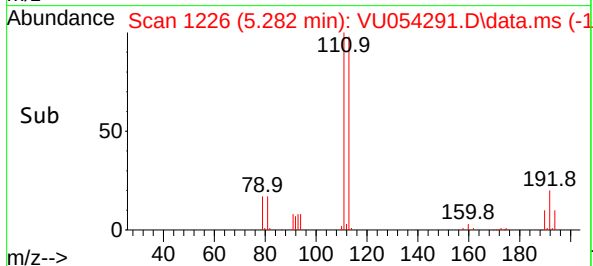
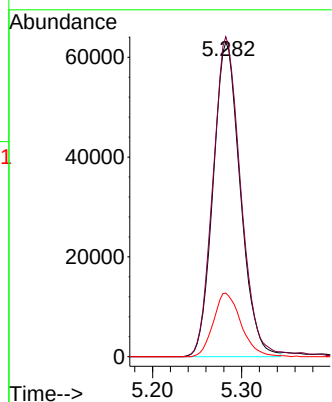
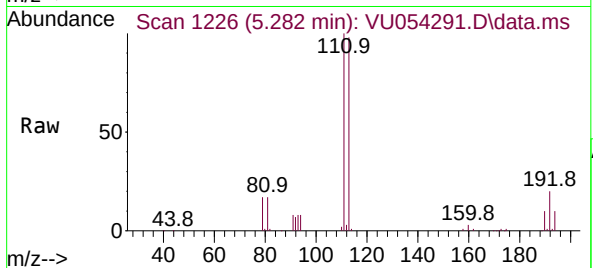
Tgt Ion:113 Resp: 133486

Ion Ratio Lower Upper

113 100

111 103.9 82.1 123.1

192 20.6 18.0 27.0



#44

Trichloroethene

Concen: 7.272 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. 0.000 min

Lab File: VU054291.D

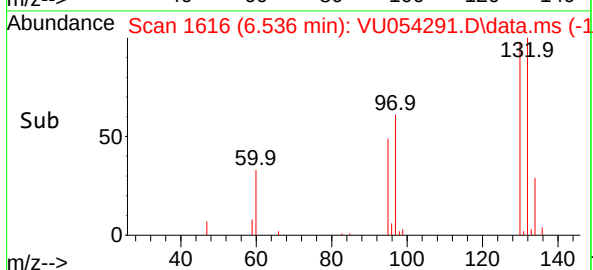
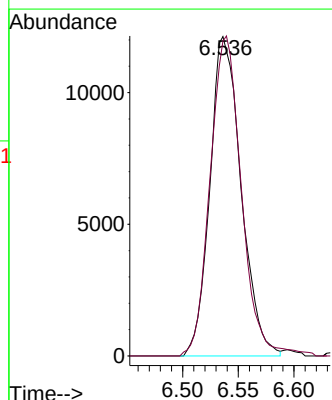
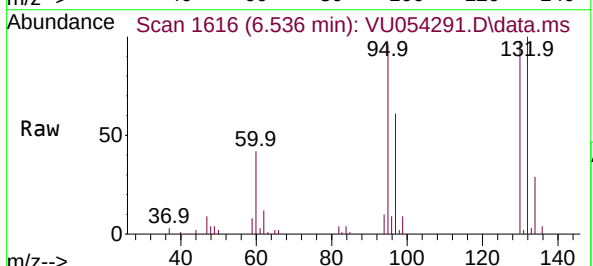
Acq: 26 May 2023 17:24

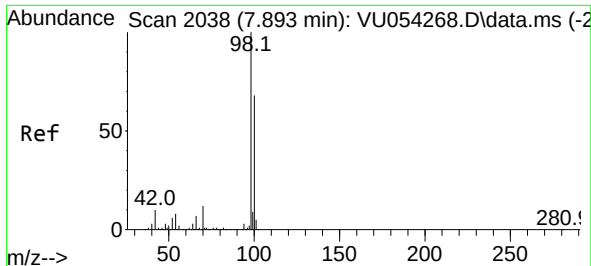
Tgt Ion:130 Resp: 23581

Ion Ratio Lower Upper

130 100

95 98.6 0.0 184.6

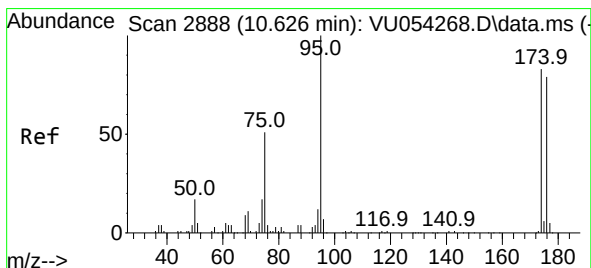
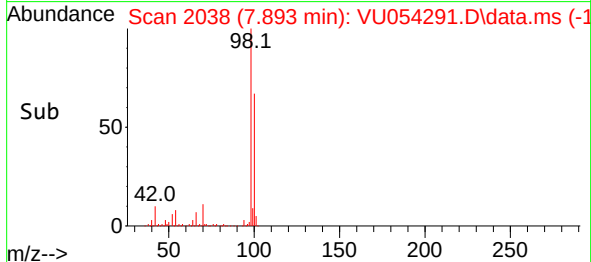
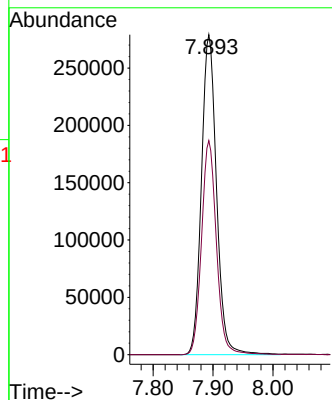
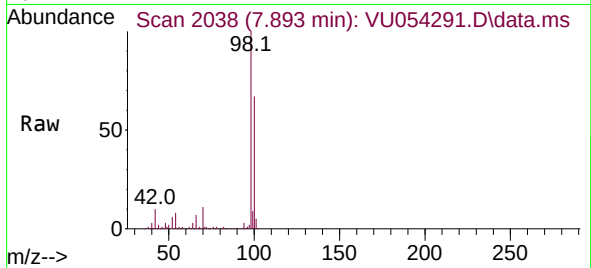




#50
Toluene-d8
Concen: 49.674 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054291.D
Acq: 26 May 2023 17:24

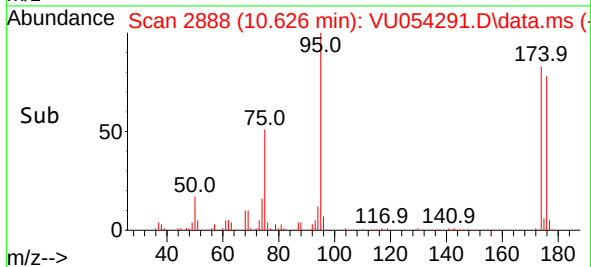
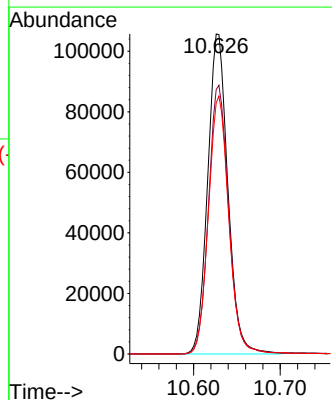
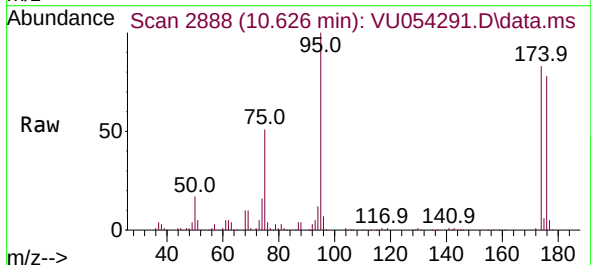
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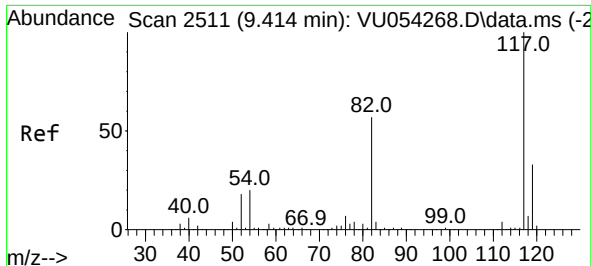
Tgt Ion: 98 Resp: 489210
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.738 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054291.D
Acq: 26 May 2023 17:24

Tgt Ion: 95 Resp: 170840
Ion Ratio Lower Upper
95 100
174 84.5 0.0 182.0
176 81.5 0.0 177.8

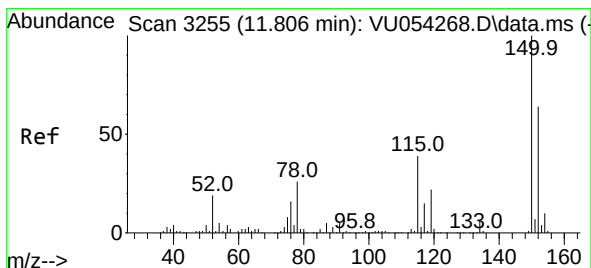
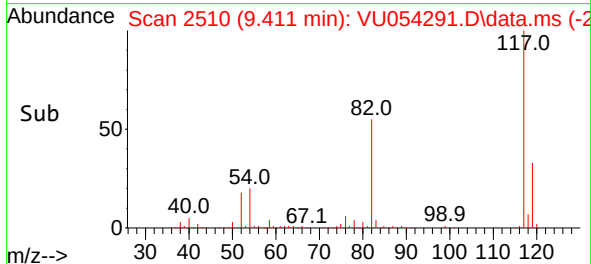
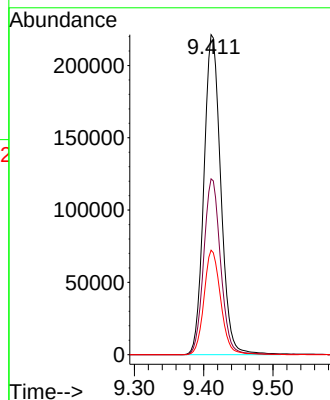
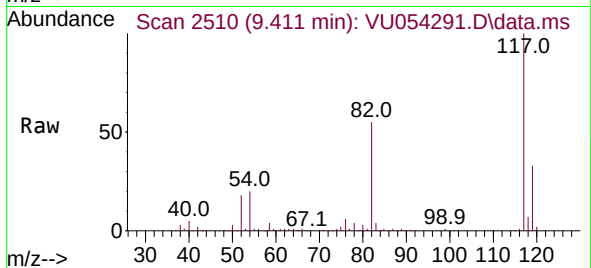




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054291.D
Acq: 26 May 2023 17:24

Instrument :
MSVOA_U
ClientSampleId :
7BR-20230524

Tgt Ion:117 Resp: 375015
Ion Ratio Lower Upper
117 100
82 54.9 41.7 62.5
119 32.7 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: VU054291.D
Acq: 26 May 2023 17:24

Tgt Ion:152 Resp: 187348
Ion Ratio Lower Upper
152 100
115 58.8 37.0 110.9
150 156.2 0.0 342.2

