

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045664.D
 Acq On : 09 Nov 2021 17:28
 Operator : SY/MD
 Sample : M4594-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20BR-20211108

Quant Time: Nov 10 02:00:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

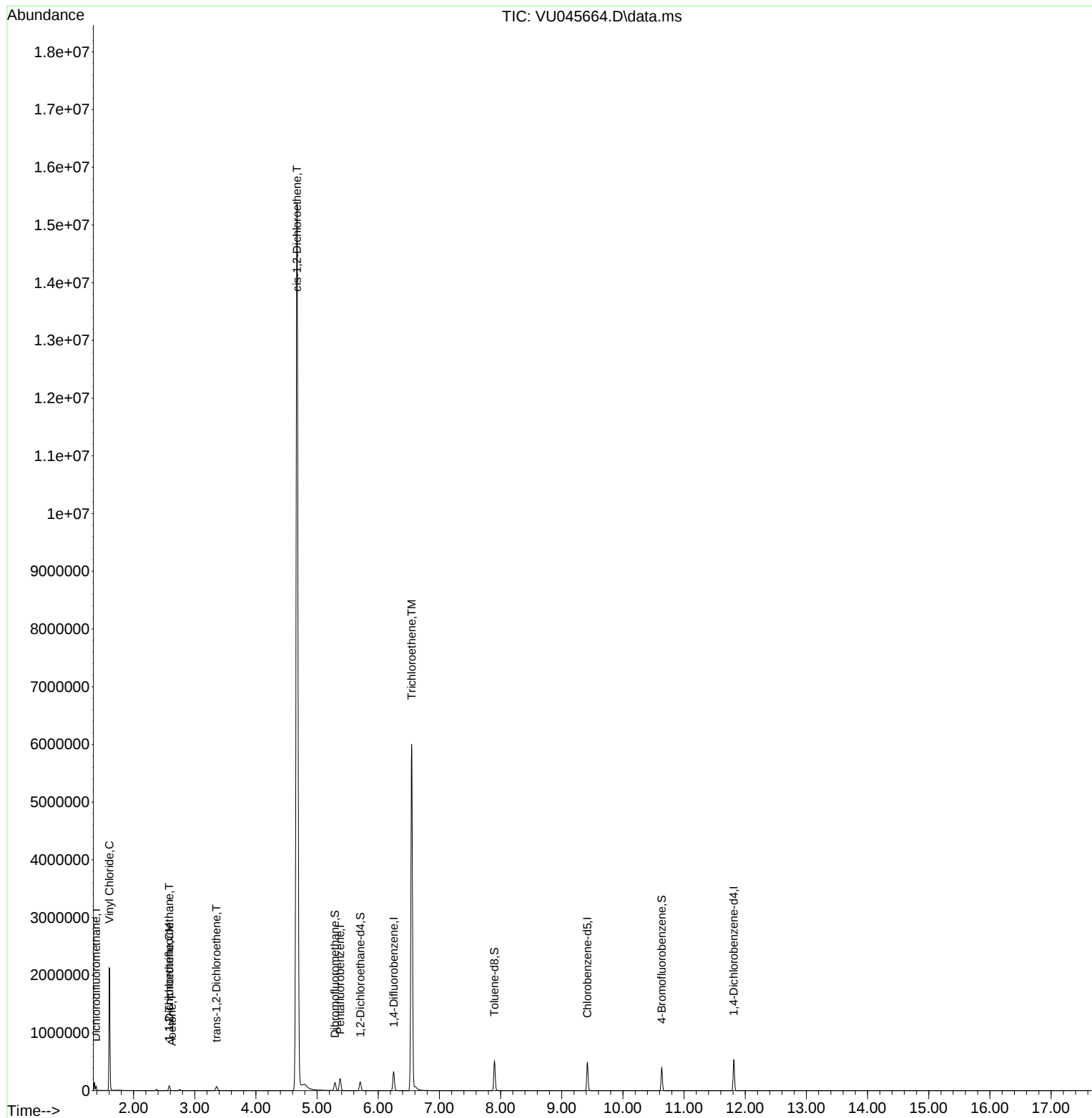
Internal Standards						
1) Pentafluorobenzene	5.375	168	139024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	264540	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	262469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	130555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	111881	53.736	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.480%	
35) Dibromofluoromethane	5.292	113	86601	49.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.060%	
50) Toluene-d8	7.899	98	341761	52.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	10.636	95	128977	48.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.940%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	44520	24.699	ug/l	100
4) Vinyl Chloride	1.604	62	1425570	709.582	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	11219	7.232	ug/l	99
12) 1,1-Dichloroethene	2.584	96	20100	13.142	ug/l	99
16) Acetone	2.626	43	2498	2.357	ug/l	100
21) trans-1,2-Dichloroethene	3.356	96	29951	18.823	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	7951380	4254.512	ug/l	91
44) Trichloroethene	6.546	130	1931865	1056.805	ug/l	98

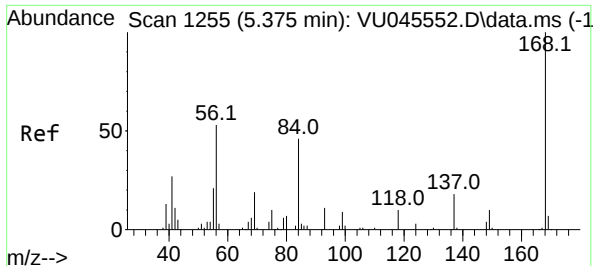
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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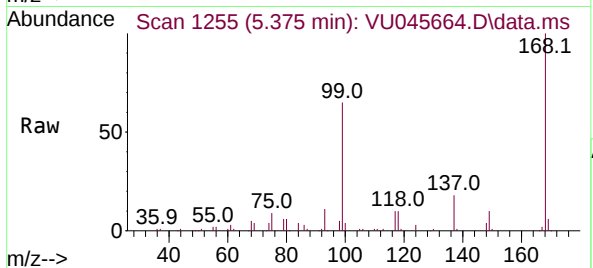
Quant Time: Nov 10 02:00:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
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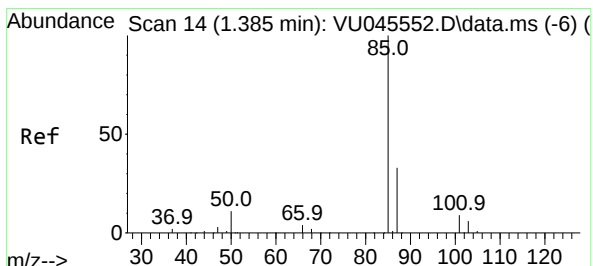
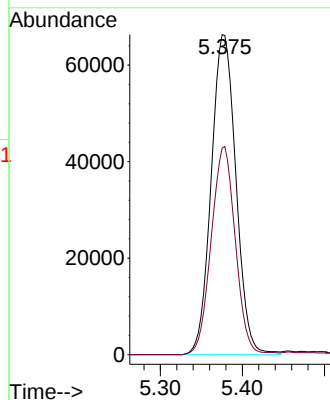
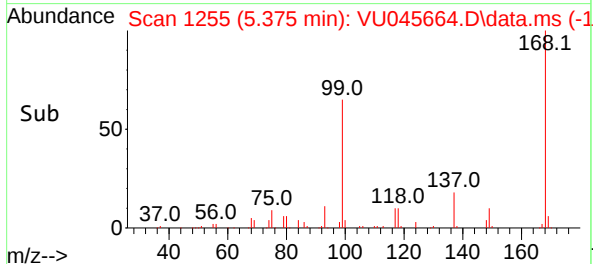


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045664.D
Acq: 09 Nov 2021 17:28

Instrument :
MSVOA_U
ClientSampleId :
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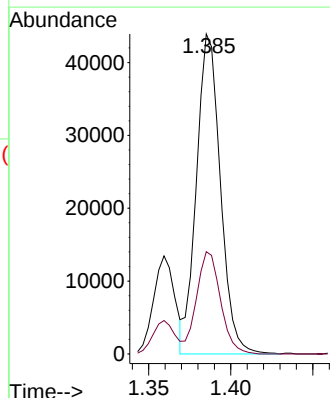
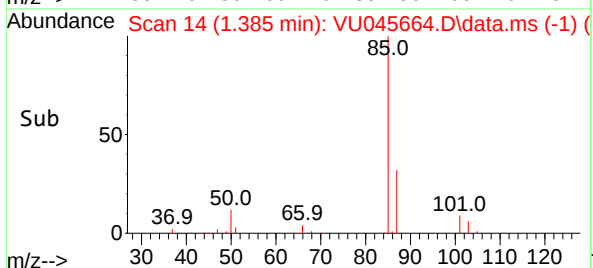
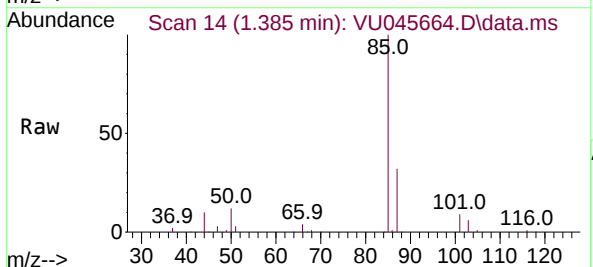


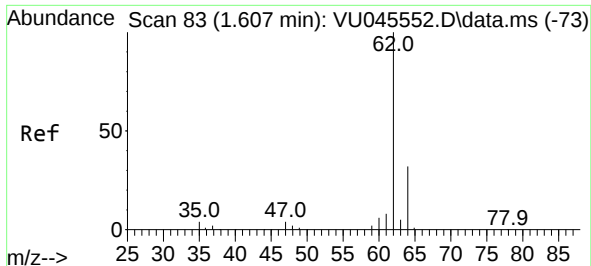
Tgt Ion:168 Resp: 139024
Ion Ratio Lower Upper
168 100
99 64.5 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 24.699 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045664.D
Acq: 09 Nov 2021 17:28

Tgt Ion: 85 Resp: 44520
Ion Ratio Lower Upper
85 100
87 31.9 15.9 47.7

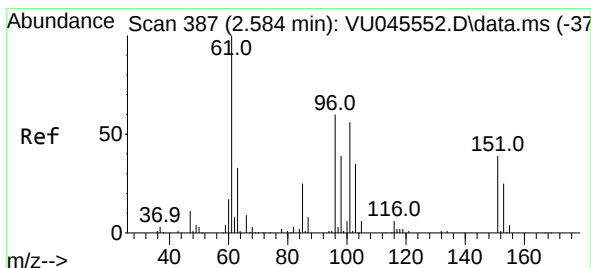
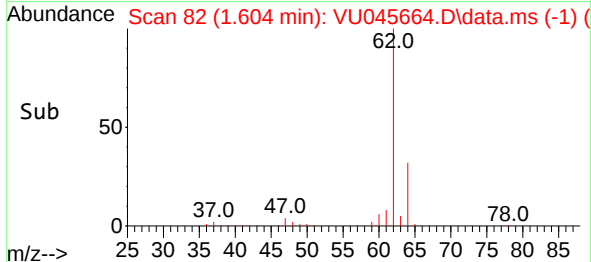
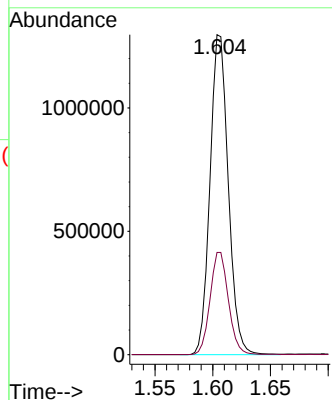
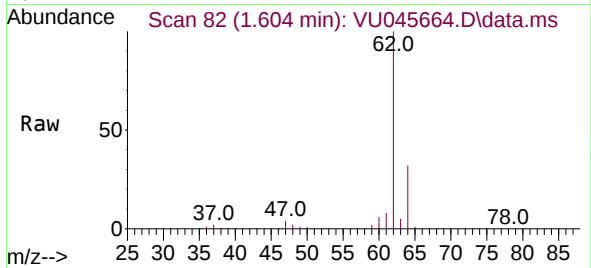




#4
 Vinyl Chloride
 Concen: 709.582 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045664.D
 Acq: 09 Nov 2021 17:28

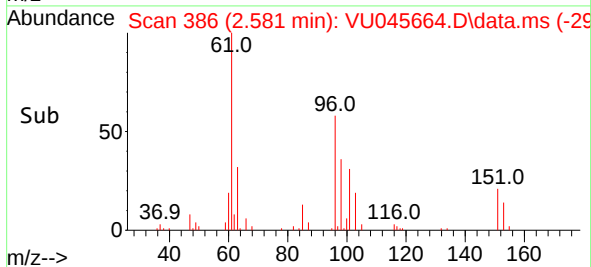
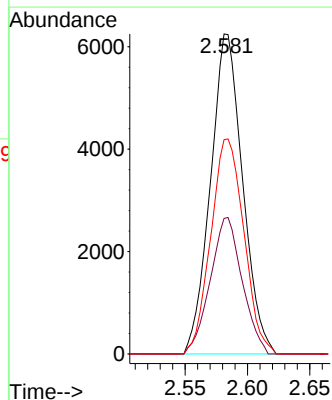
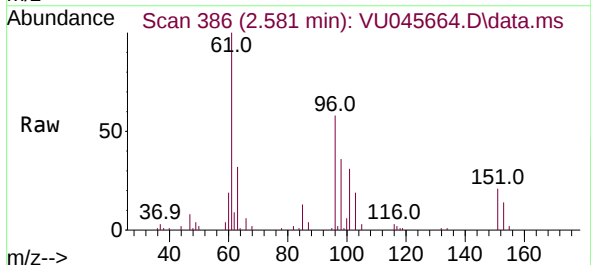
Instrument :
 MSVOA_U
 ClientSampleId :
 20BR-20211108

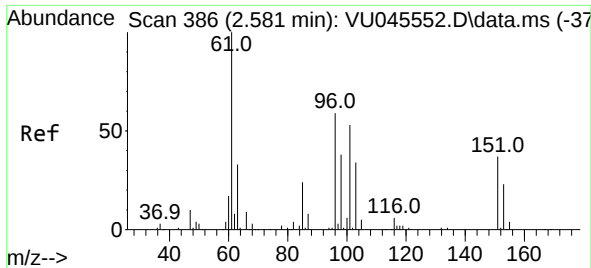
Tgt Ion: 62 Resp: 1425570
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.8 38.6



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.232 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU045664.D
 Acq: 09 Nov 2021 17:28

Tgt Ion: 101 Resp: 11219
 Ion Ratio Lower Upper
 101 100
 85 42.3 35.0 52.4
 151 69.1 54.6 82.0





#12

1,1-Dichloroethene

Concen: 13.142 ug/l

RT: 2.584 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU045664.D

Acq: 09 Nov 2021 17:28

Instrument :

MSVOA_U

ClientSampleId :

20BR-20211108

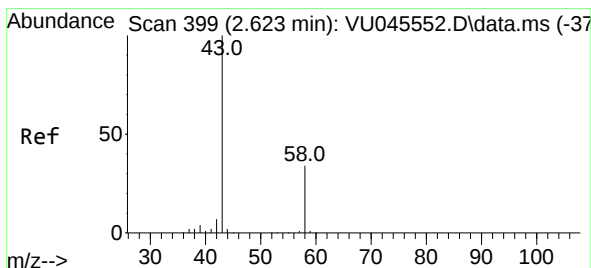
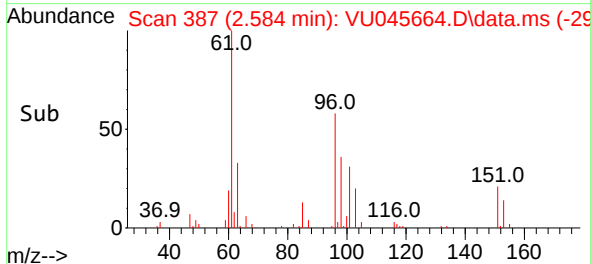
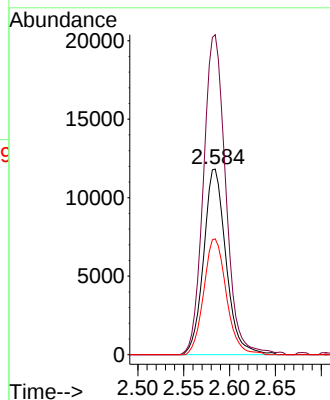
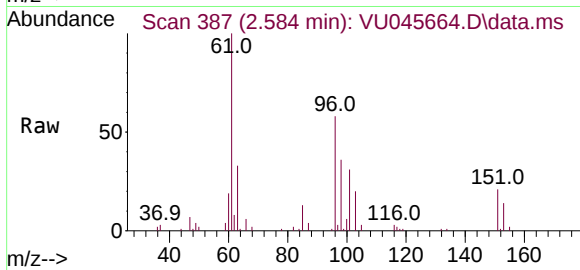
Tgt Ion: 96 Resp: 20100

Ion Ratio Lower Upper

96 100

61 172.5 137.1 205.7

98 62.5 51.5 77.3



#16

Acetone

Concen: 2.357 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045664.D

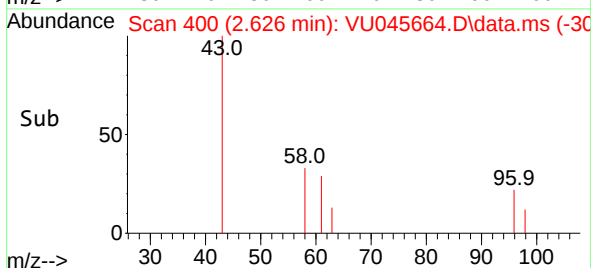
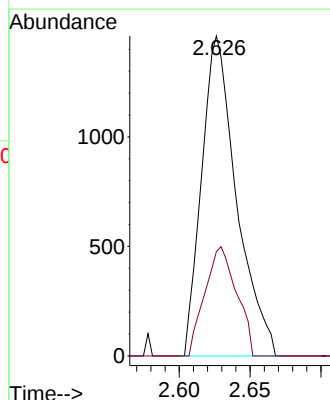
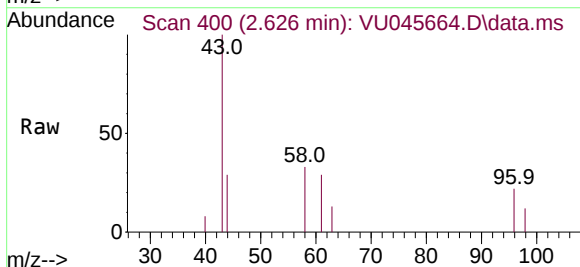
Acq: 09 Nov 2021 17:28

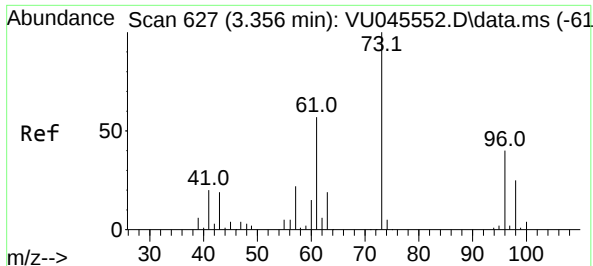
Tgt Ion: 43 Resp: 2498

Ion Ratio Lower Upper

43 100

58 32.6 26.2 39.2

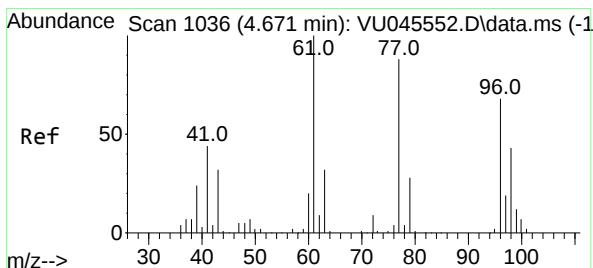
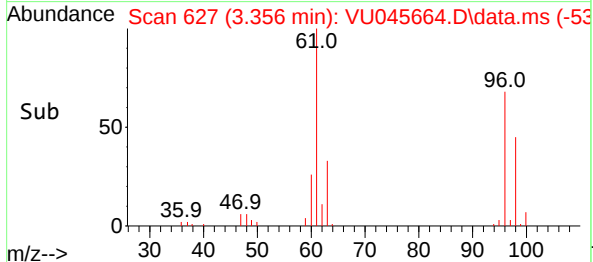
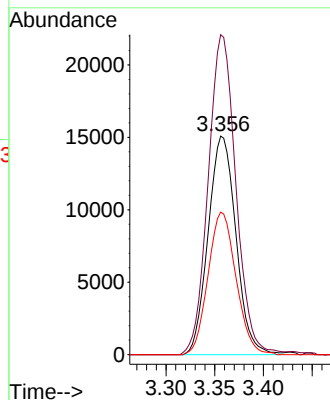
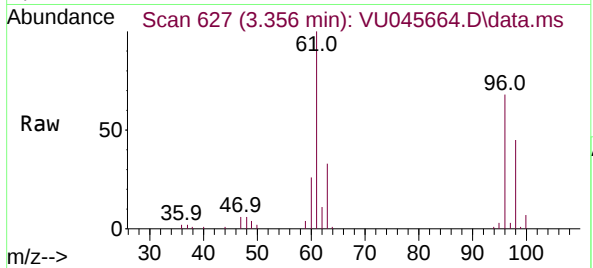




#21
trans-1,2-Dichloroethene
Concen: 18.823 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045664.D
Acq: 09 Nov 2021 17:28

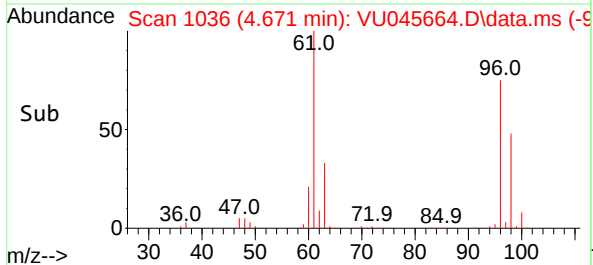
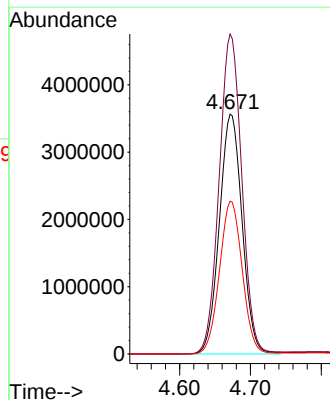
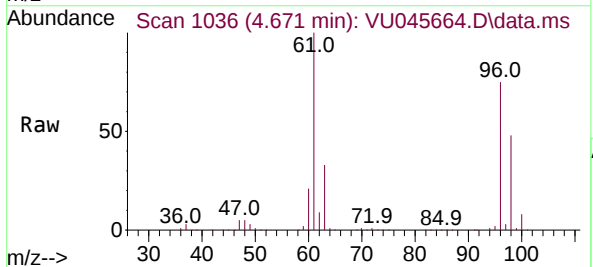
Instrument :
MSVOA_U
ClientSampleId :
20BR-20211108

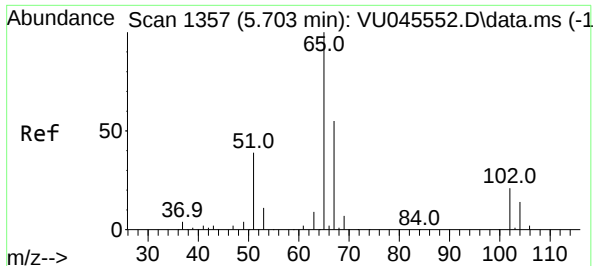
Tgt Ion: 96 Resp: 29951
Ion Ratio Lower Upper
96 100
61 146.4 118.2 177.4
98 65.2 52.1 78.1



#27
cis-1,2-Dichloroethene
Concen: 4254.512 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045664.D
Acq: 09 Nov 2021 17:28

Tgt Ion: 96 Resp: 7951380
Ion Ratio Lower Upper
96 100
61 132.8 0.0 299.2
98 63.8 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 53.736 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045664.D

Acq: 09 Nov 2021 17:28

Instrument :

MSVOA_U

ClientSampleId :

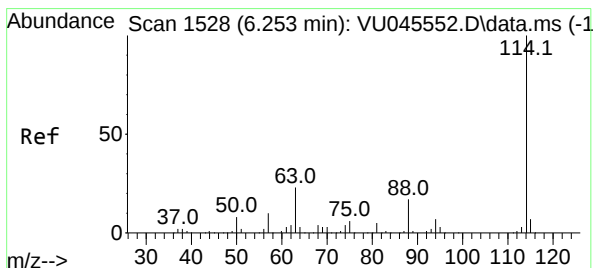
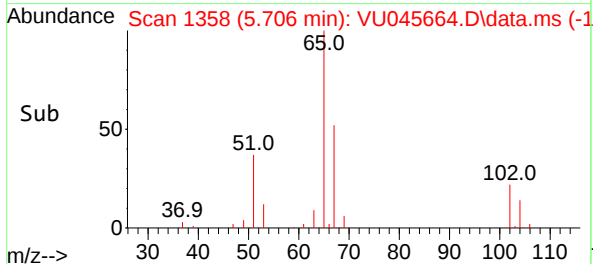
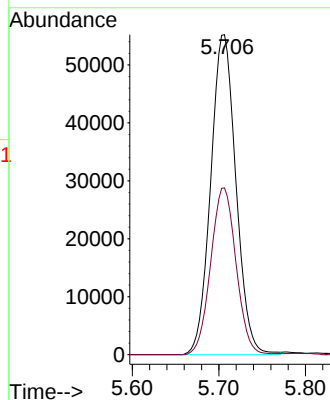
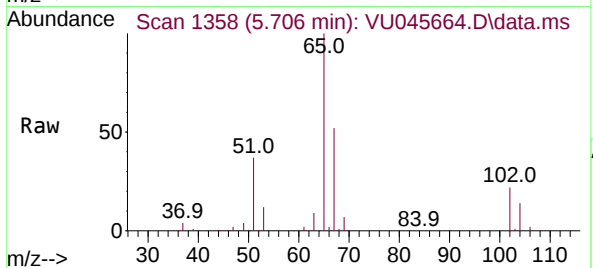
20BR-20211108

Tgt Ion: 65 Resp: 111881

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045664.D

Acq: 09 Nov 2021 17:28

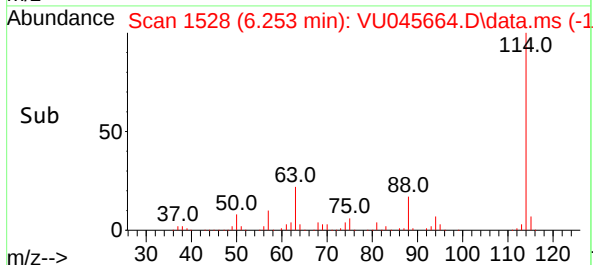
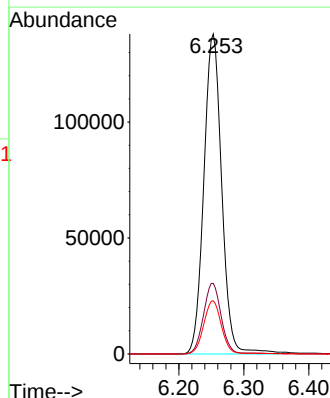
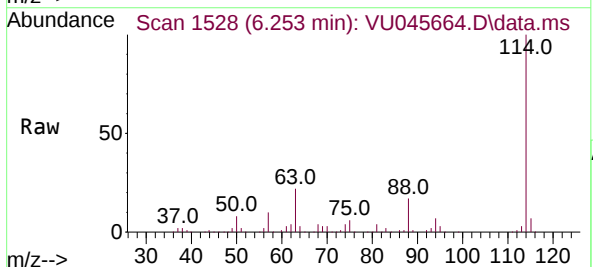
Tgt Ion: 114 Resp: 264540

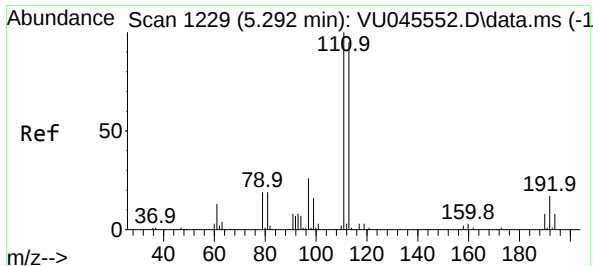
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

88 16.6 0.0 33.8

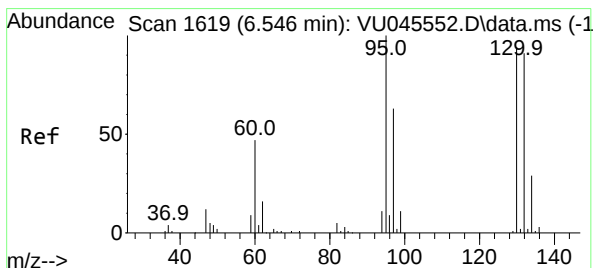
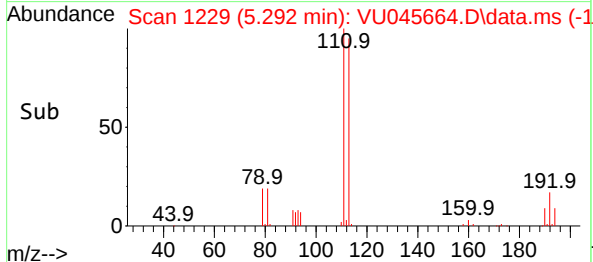
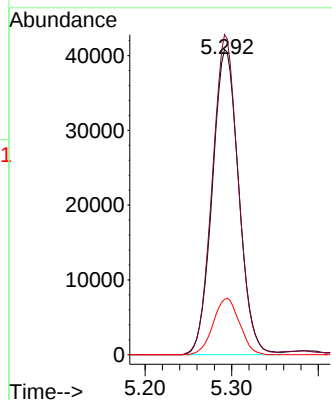
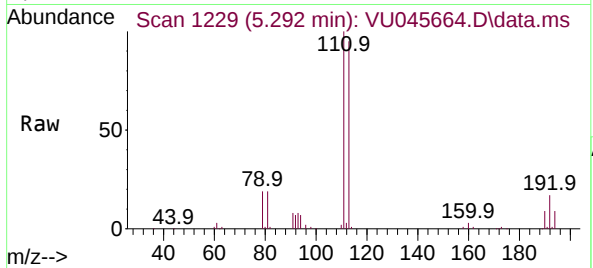




#35
Dibromofluoromethane
Concen: 49.033 ug/l
RT: 5.292 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU045664.D
Acq: 09 Nov 2021 17:28

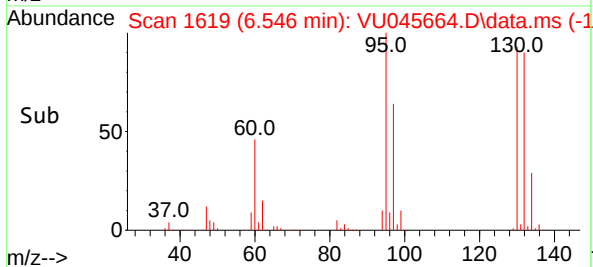
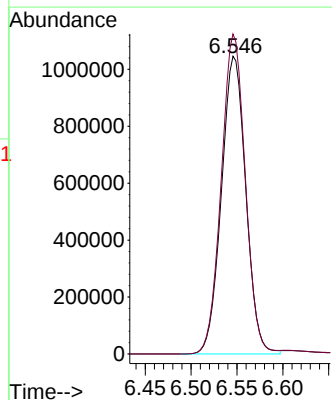
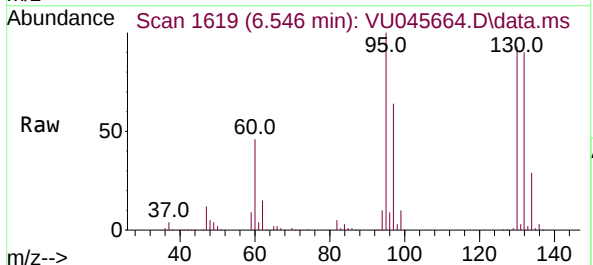
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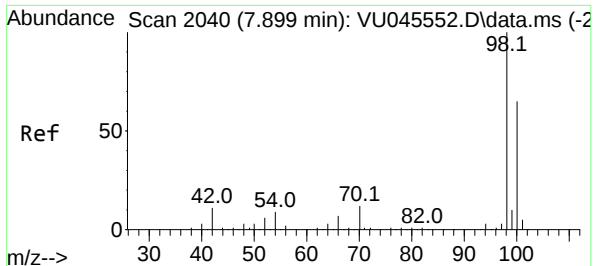
Tgt Ion:113 Resp: 86601
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.3 14.8 22.2



#44
Trichloroethene
Concen: 1056.805 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045664.D
Acq: 09 Nov 2021 17:28

Tgt Ion:130 Resp: 1931865
Ion Ratio Lower Upper
130 100
95 107.5 0.0 211.4

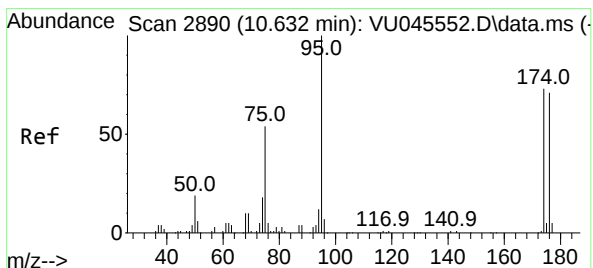
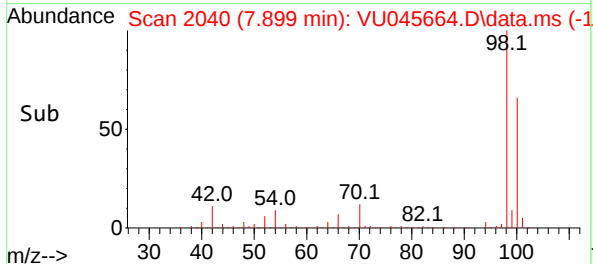
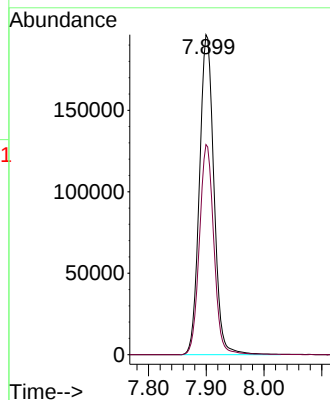
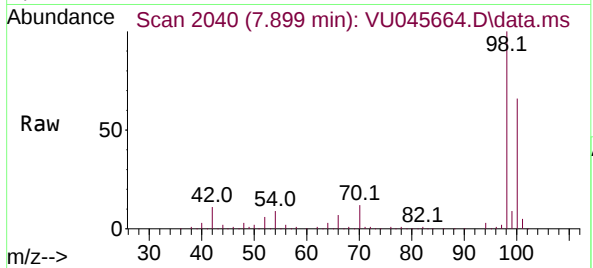




#50
Toluene-d8
Concen: 52.038 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045664.D
Acq: 09 Nov 2021 17:28

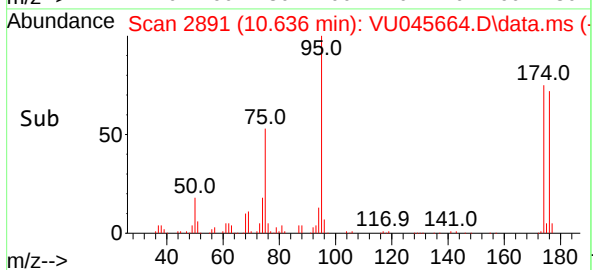
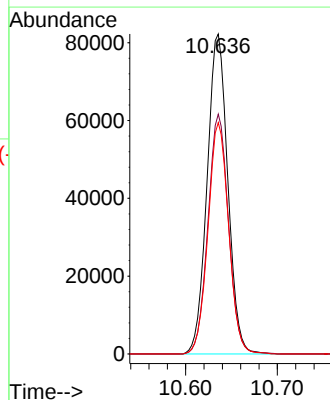
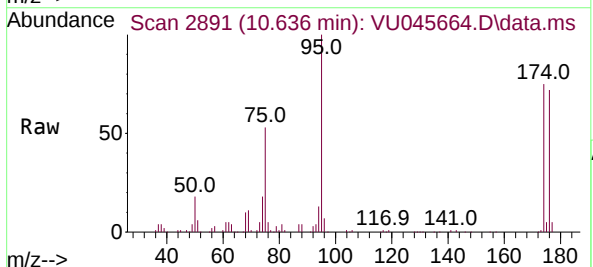
Instrument :
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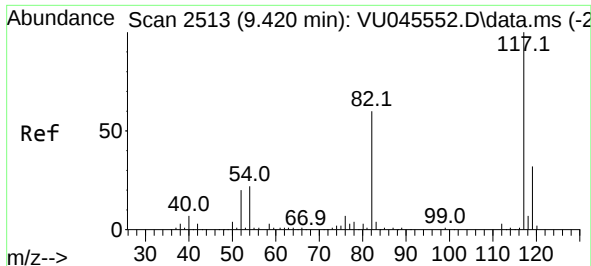
Tgt Ion: 98 Resp: 341761
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.974 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045664.D
Acq: 09 Nov 2021 17:28

Tgt Ion: 95 Resp: 128977
Ion Ratio Lower Upper
95 100
174 74.5 0.0 141.8
176 72.0 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045664.D

Acq: 09 Nov 2021 17:28

Instrument :

MSVOA_U

ClientSampleId :

20BR-20211108

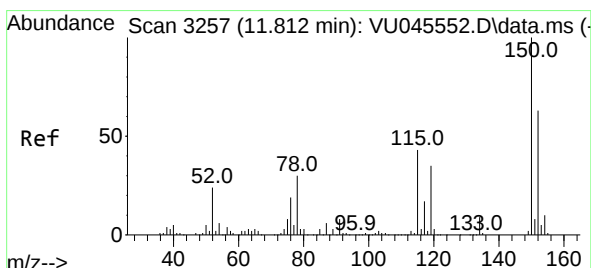
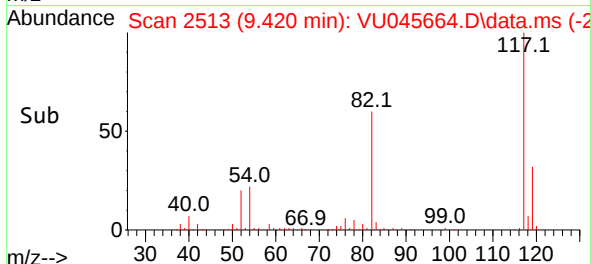
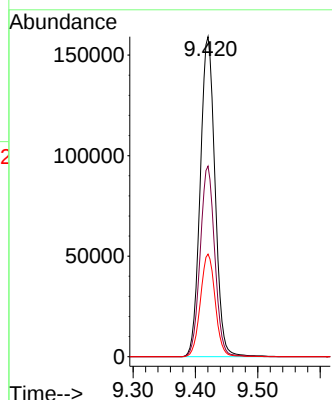
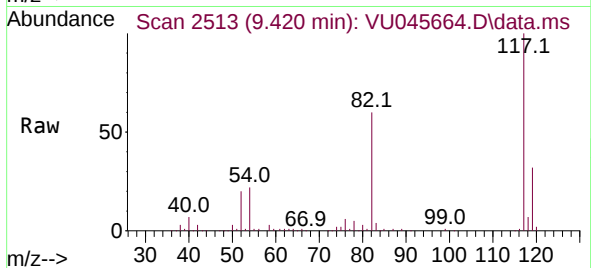
Tgt Ion:117 Resp: 262469

Ion Ratio Lower Upper

117 100

82 59.5 47.8 71.8

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. -0.000 min

Lab File: VU045664.D

Acq: 09 Nov 2021 17:28

Tgt Ion:152 Resp: 130555

Ion Ratio Lower Upper

152 100

115 62.3 42.7 128.1

150 157.7 0.0 346.8

