

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045663.D
 Acq On : 09 Nov 2021 17:05
 Operator : SY/MD
 Sample : M4594-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 15BR-20211108

Quant Time: Nov 10 02:00:41 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)

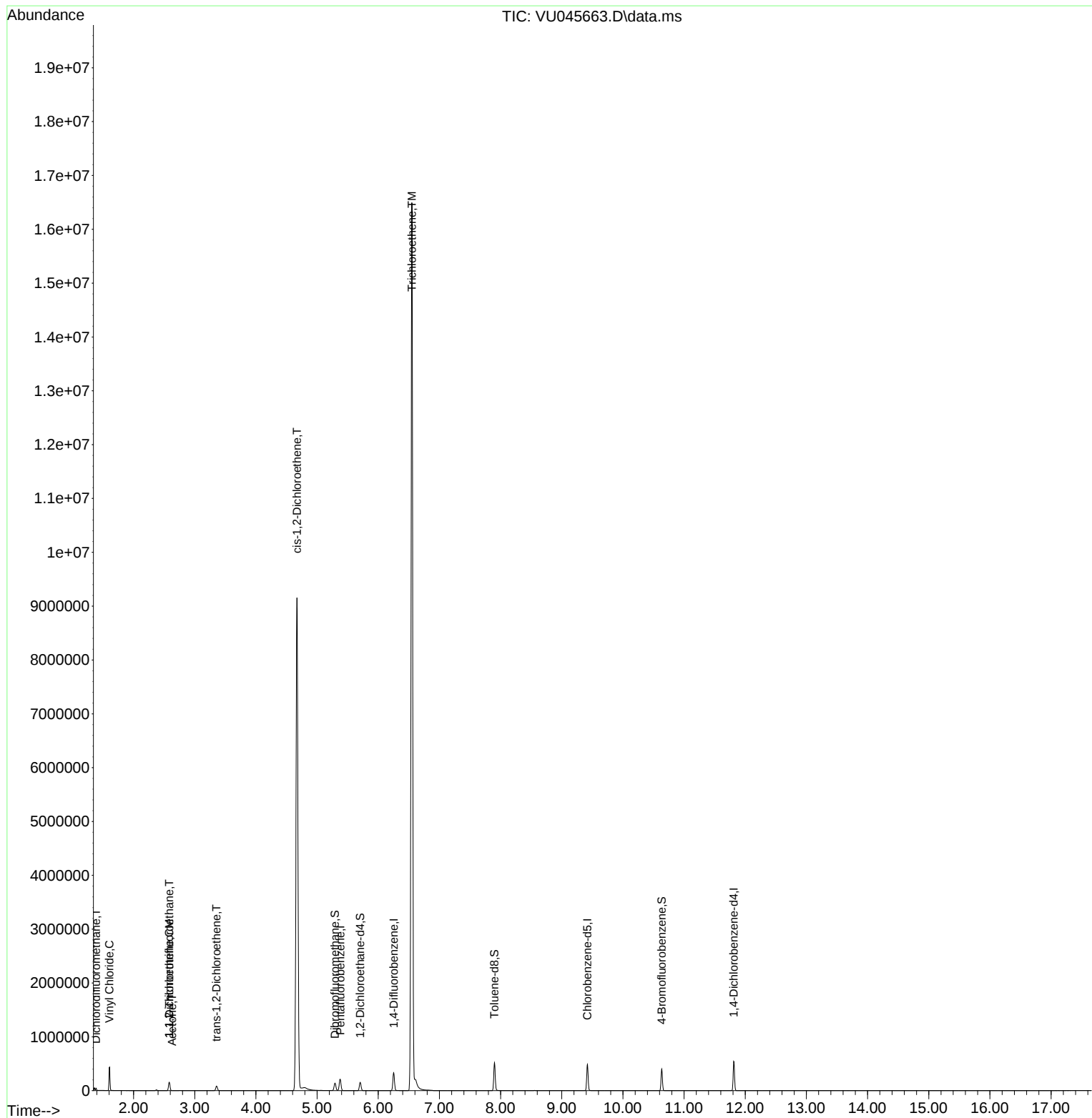
Internal Standards						
1) Pentafluorobenzene	5.378	168	141150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	264526	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	264427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	136706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	114579	54.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.400%	
35) Dibromofluoromethane	5.292	113	88393	50.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.100%	
50) Toluene-d8	7.899	98	343560	52.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	10.635	95	133177	50.572	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	23737	12.970	ug/l	96
4) Vinyl Chloride	1.607	62	291067	142.697	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	31354	19.907	ug/l	98
12) 1,1-Dichloroethene	2.581	96	28435	18.311	ug/l	100
16) Acetone	2.629	43	1075	0.999	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	35731	22.117	ug/l	93
27) cis-1,2-Dichloroethene	4.671	96	4700384	2477.134	ug/l	91
44) Trichloroethene	6.549	130	5344968	2924.058	ug/l	96

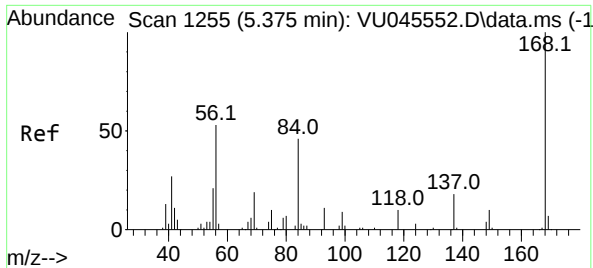
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

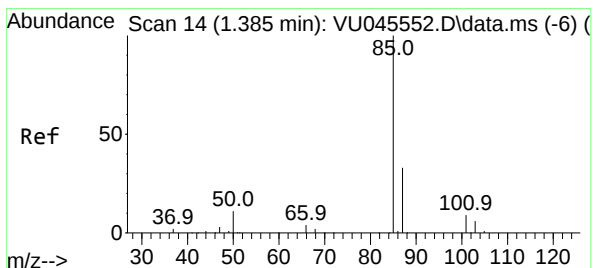
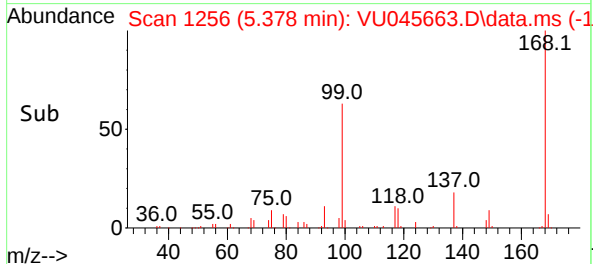
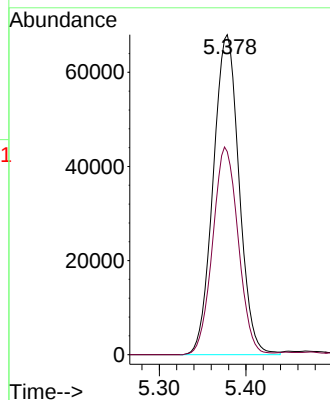
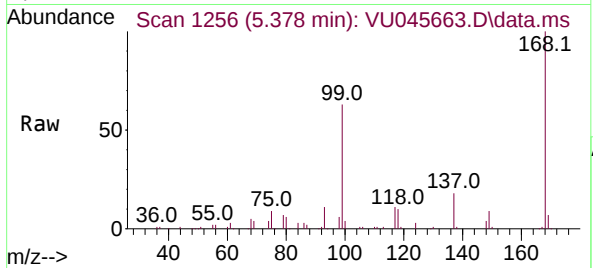




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045663.D
Acq: 09 Nov 2021 17:05

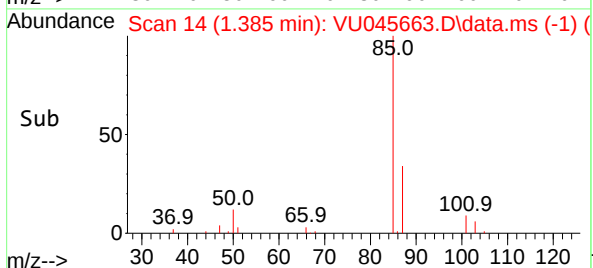
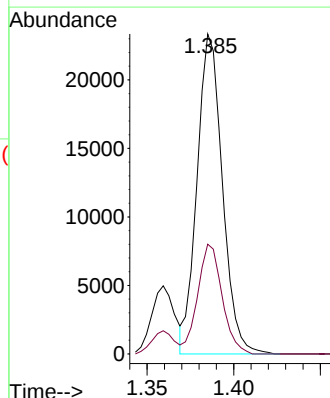
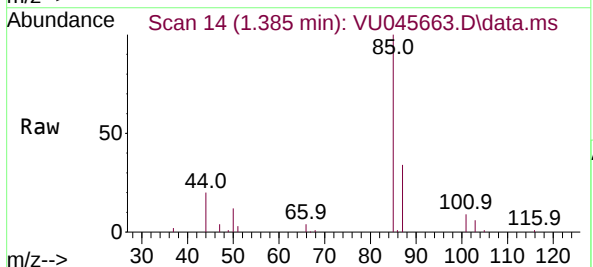
Instrument :
MSVOA_U
ClientSampleId :
15BR-20211108

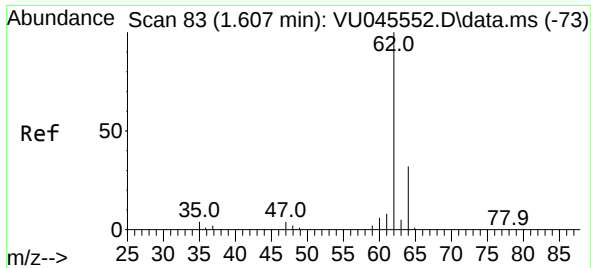
Tgt Ion:168 Resp: 141150
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 12.970 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045663.D
Acq: 09 Nov 2021 17:05

Tgt Ion: 85 Resp: 23737
Ion Ratio Lower Upper
85 100
87 34.3 15.9 47.7

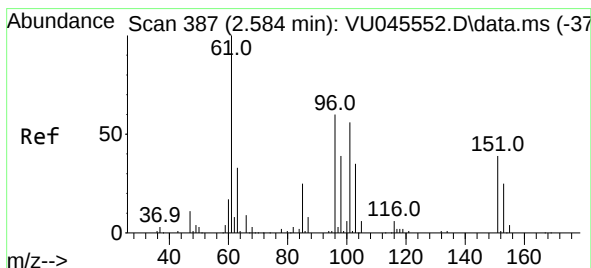
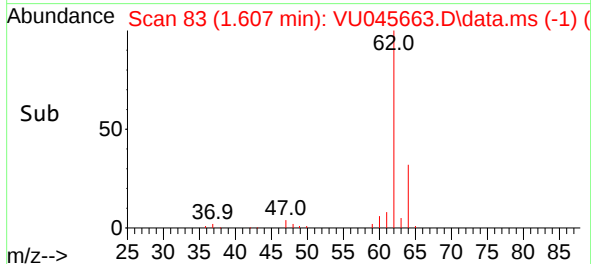
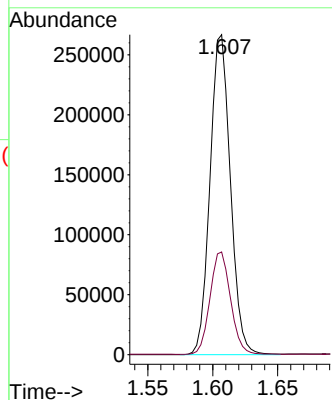
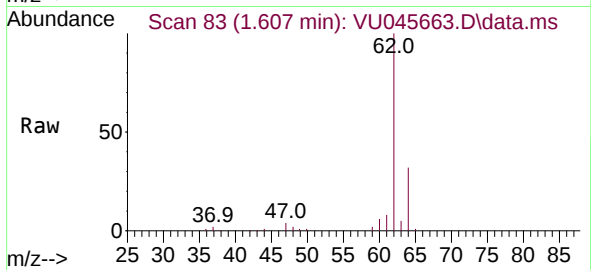




#4
 Vinyl Chloride
 Concen: 142.697 ug/l
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU045663.D
 Acq: 09 Nov 2021 17:05

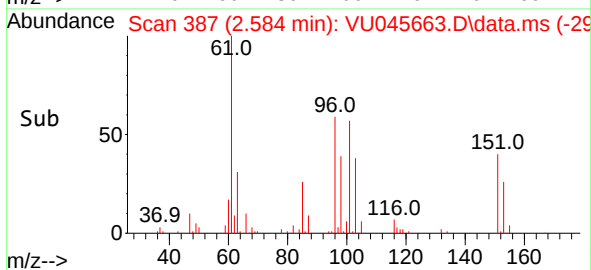
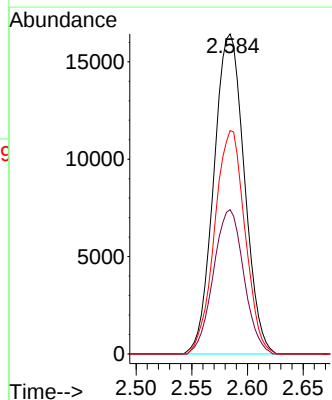
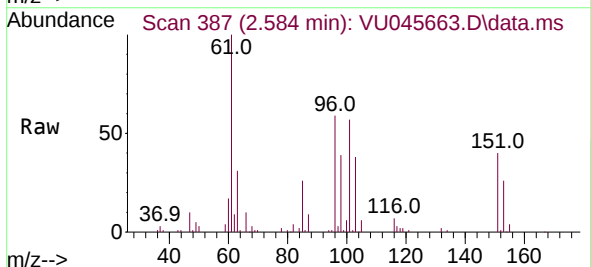
Instrument :
 MSVOA_U
 ClientSampleId :
 15BR-20211108

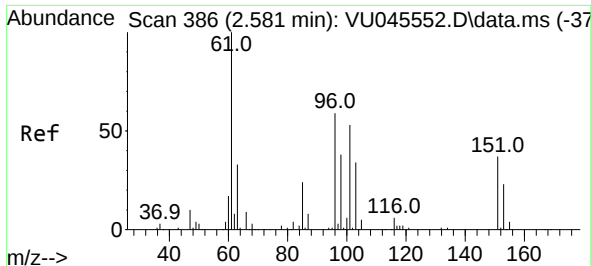
Tgt Ion: 62 Resp: 291067
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.8 38.6



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.907 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU045663.D
 Acq: 09 Nov 2021 17:05

Tgt Ion: 101 Resp: 31354
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.0 52.4
 151 69.4 54.6 82.0





#12

1,1-Dichloroethene

Concen: 18.311 ug/l

RT: 2.581 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU045663.D

Acq: 09 Nov 2021 17:05

Instrument :

MSVOA_U

ClientSampleId :

15BR-20211108

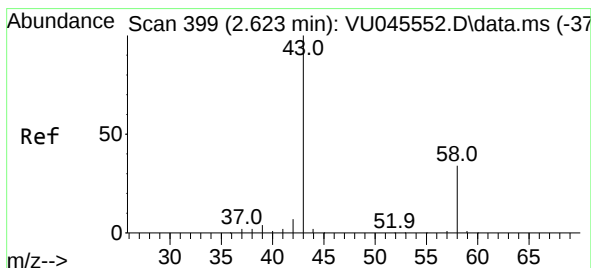
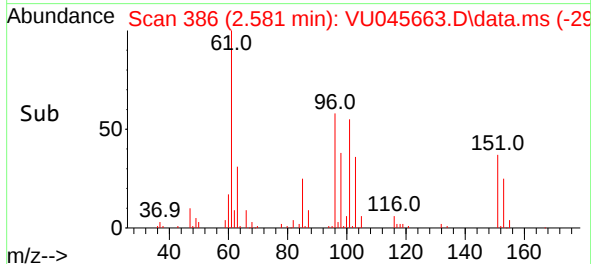
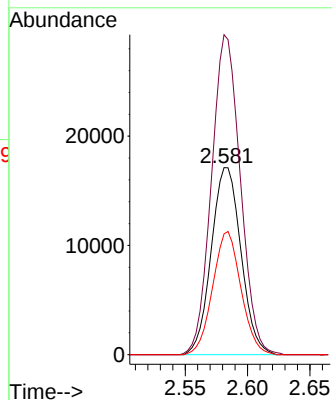
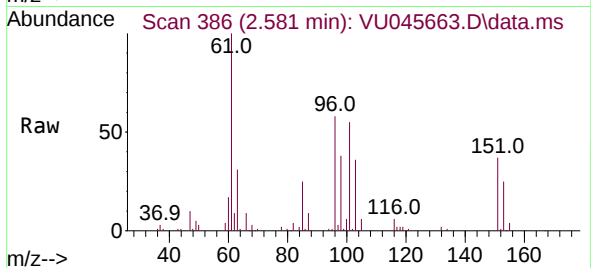
Tgt Ion: 96 Resp: 28435

Ion Ratio Lower Upper

96 100

61 171.2 137.1 205.7

98 64.6 51.5 77.3



#16

Acetone

Concen: 0.999 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045663.D

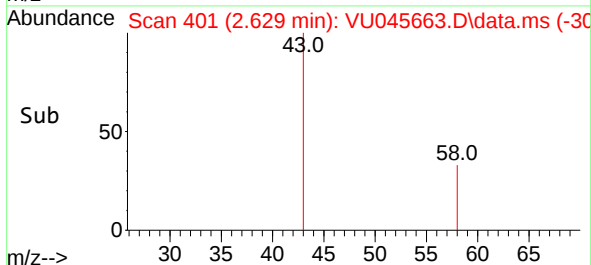
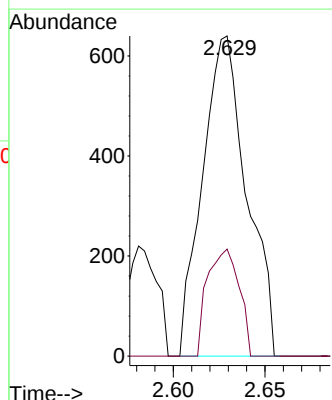
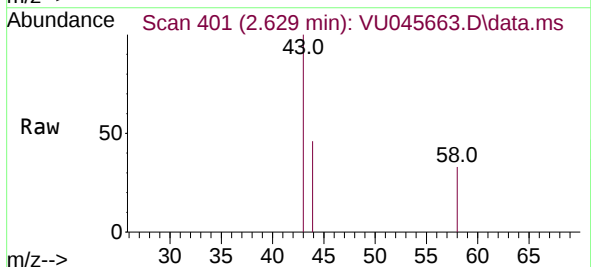
Acq: 09 Nov 2021 17:05

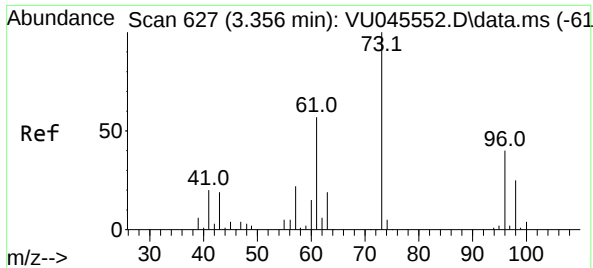
Tgt Ion: 43 Resp: 1075

Ion Ratio Lower Upper

43 100

58 33.4 26.2 39.2

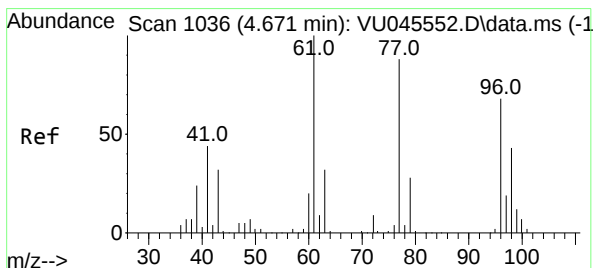
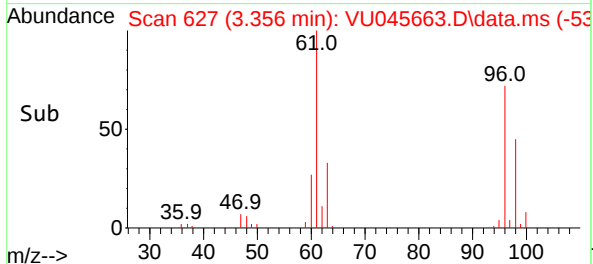
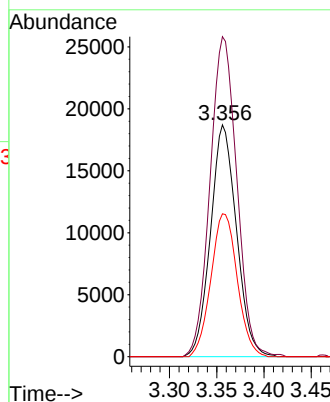
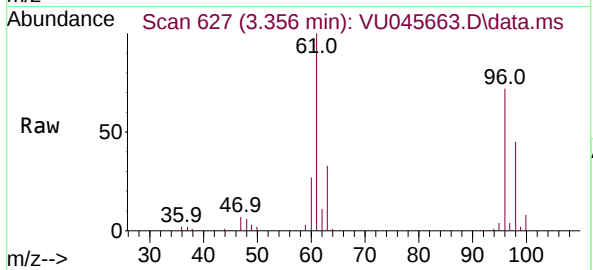




#21
trans-1,2-Dichloroethene
Concen: 22.117 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045663.D
Acq: 09 Nov 2021 17:05

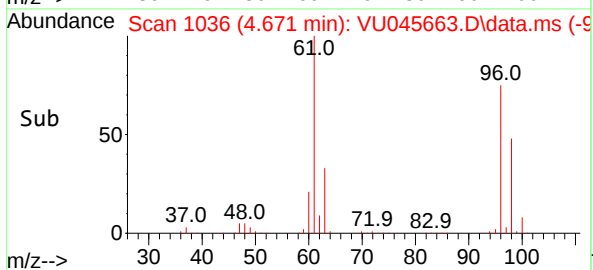
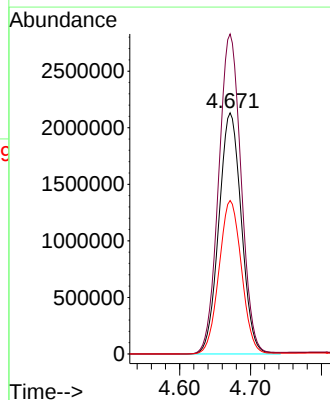
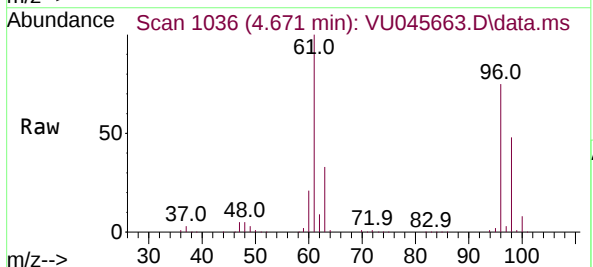
Instrument :
MSVOA_U
ClientSampleId :
15BR-20211108

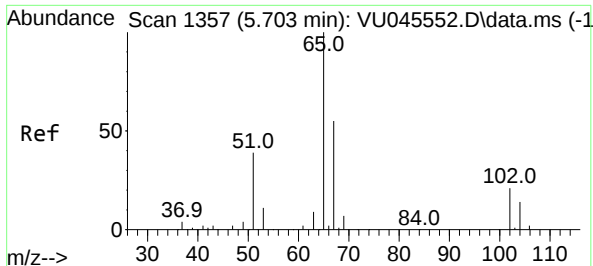
Tgt Ion: 96 Resp: 35731
Ion Ratio Lower Upper
96 100
61 138.0 118.2 177.4
98 61.6 52.1 78.1



#27
cis-1,2-Dichloroethene
Concen: 2477.134 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045663.D
Acq: 09 Nov 2021 17:05

Tgt Ion: 96 Resp: 4700384
Ion Ratio Lower Upper
96 100
61 132.7 0.0 299.2
98 63.7 0.0 127.6

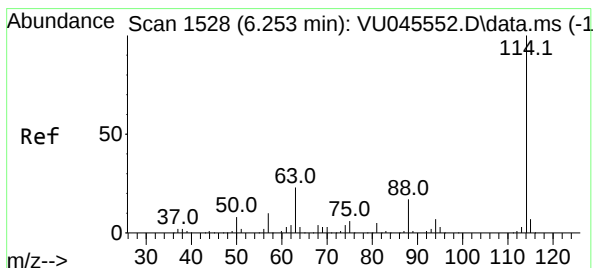
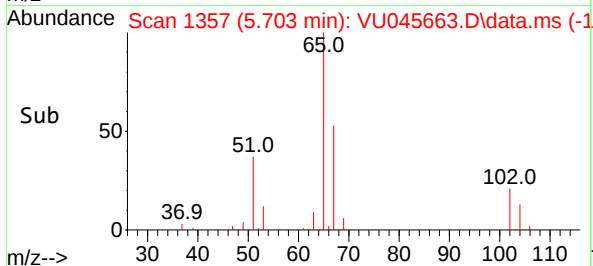
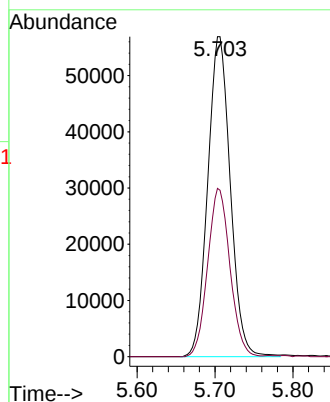
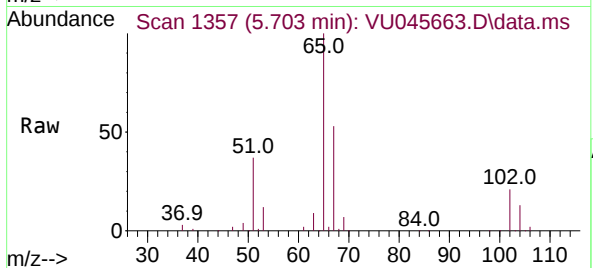




#33
1,2-Dichloroethane-d4
Concen: 54.203 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045663.D
Acq: 09 Nov 2021 17:05

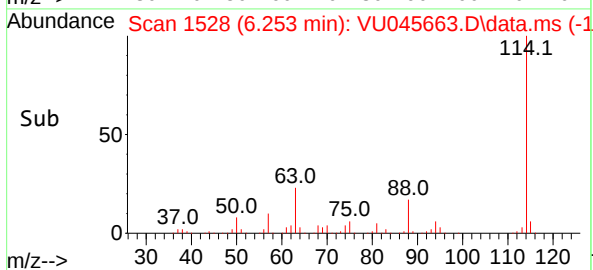
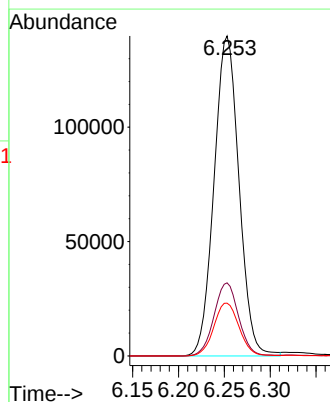
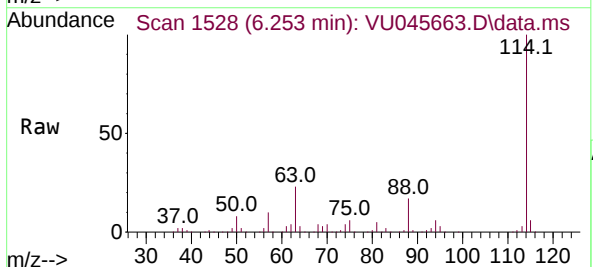
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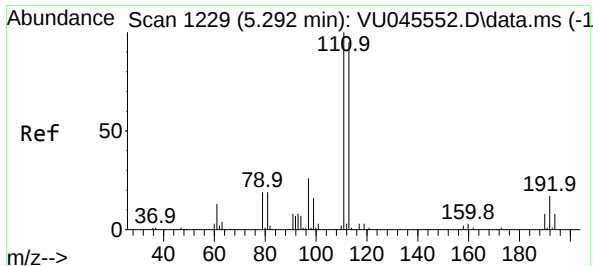
Tgt Ion: 65 Resp: 114579
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045663.D
Acq: 09 Nov 2021 17:05

Tgt Ion: 114 Resp: 264526
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.6
88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.050 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045663.D

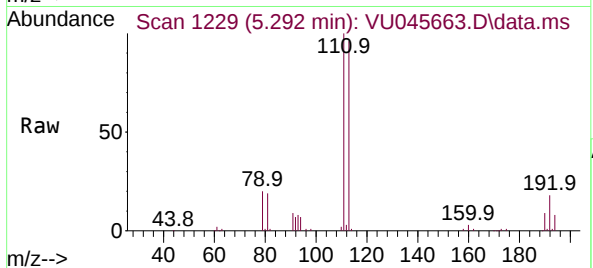
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Instrument :

MSVOA_U

ClientSampleId :

15BR-20211108



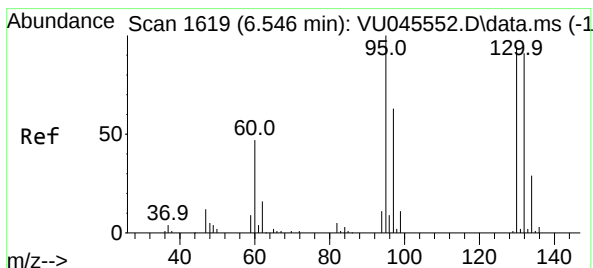
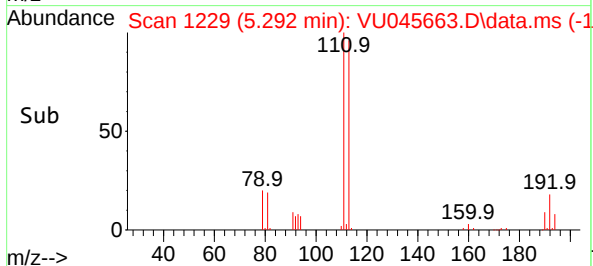
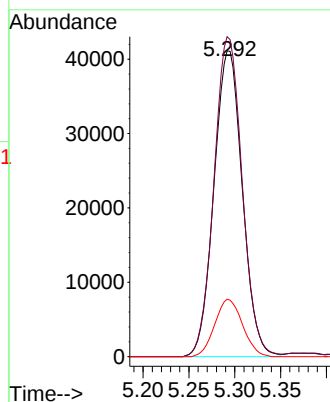
Tgt Ion:113 Resp: 88393

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

192 18.4 14.8 22.2



#44

Trichloroethene

Concen: 2924.058 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU045663.D

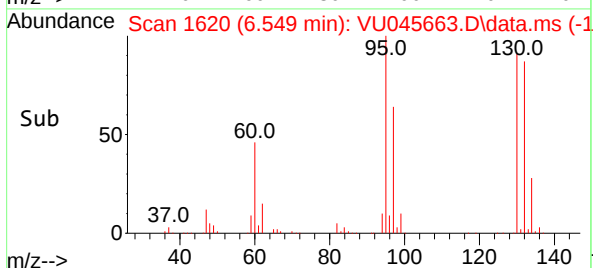
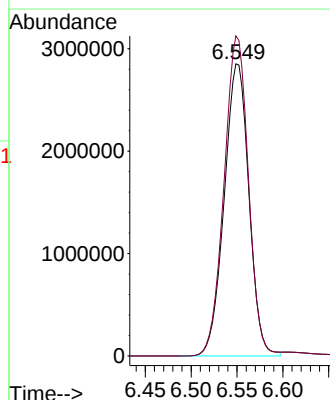
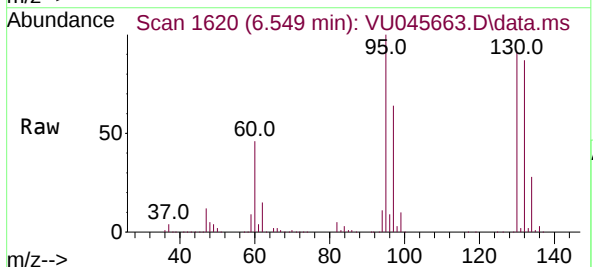
Acq: 09 Nov 2021 17:05

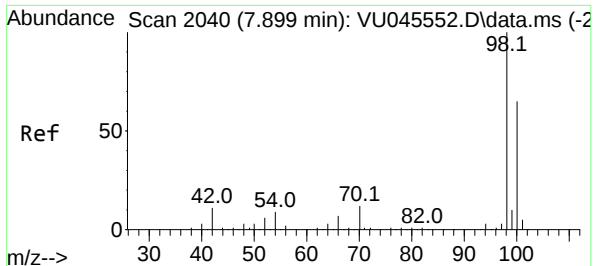
Tgt Ion:130 Resp: 5344968

Ion Ratio Lower Upper

130 100

95 109.5 0.0 211.4

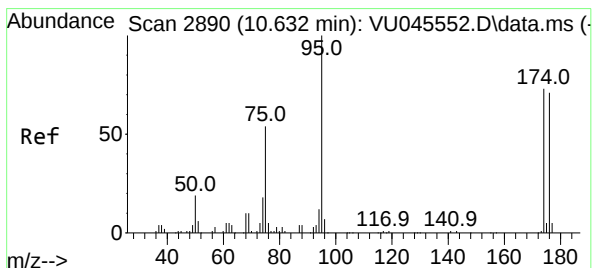
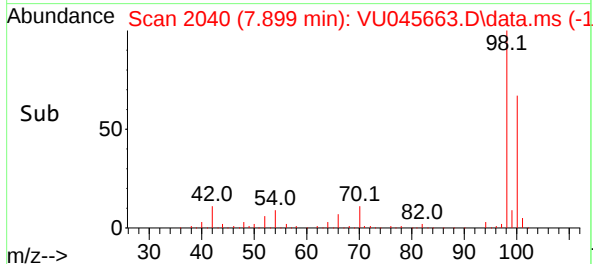
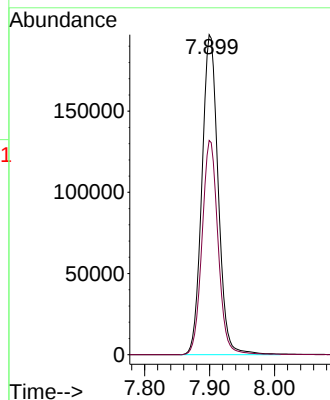
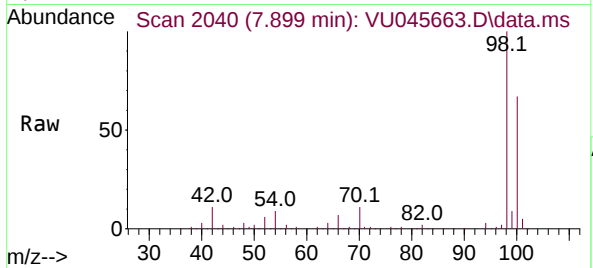




#50
Toluene-d8
Concen: 52.314 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045663.D
Acq: 09 Nov 2021 17:05

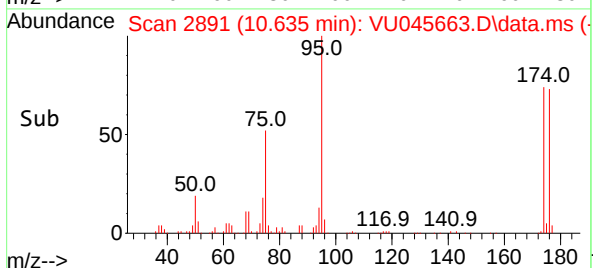
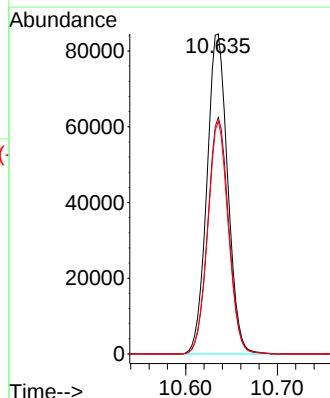
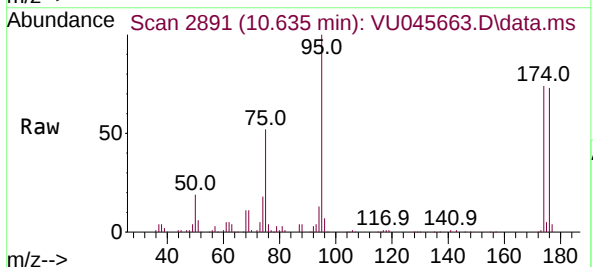
Instrument :
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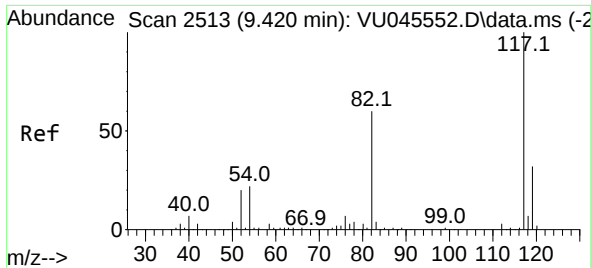
Tgt Ion: 98 Resp: 343560
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.572 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045663.D
Acq: 09 Nov 2021 17:05

Tgt Ion: 95 Resp: 133177
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.8
176 71.9 0.0 138.2

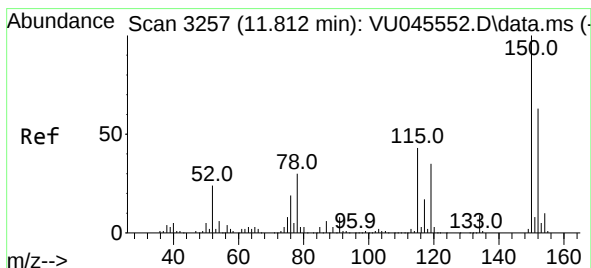
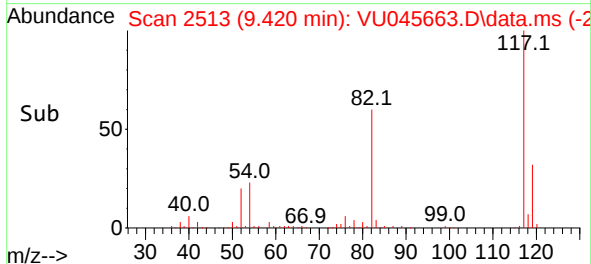
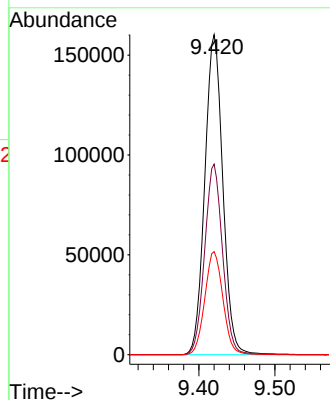
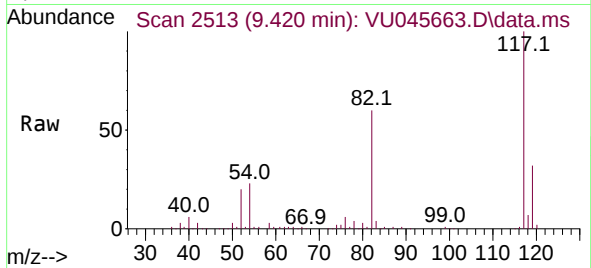




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045663.D
Acq: 09 Nov 2021 17:05

Instrument :
MSVOA_U
ClientSampleId :
15BR-20211108

Tgt Ion:117 Resp: 264427
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.8
119 32.2 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: VU045663.D
Acq: 09 Nov 2021 17:05

Tgt Ion:152 Resp: 136706
Ion Ratio Lower Upper
152 100
115 60.9 42.7 128.1
150 155.8 0.0 346.8

