

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053336.D
 Acq On : 10 Jan 2019 12:47
 Operator : MD\SY
 Sample : K1095-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AVE-29

Manual Integrations
 APPROVED

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 1/11/2019 10:11:40 AM

Quant Time: Jan 11 06:12:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	148395	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	853359	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	748513	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	286729	30.42	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	101.40%		
60) 4-Bromofluorobenzene	12.40	95	321366	28.06	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	93.53%		
63) Toluene-d8	10.09	98	1000432	29.67	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	98.90%		
Target Compounds						
15) Acetone	3.82	58	5273m	8.229	ug/l	
22) cis-1,2-Dichloroethene	6.83	96	163323	15.867	ug/l	88
25) Chloroform	7.37	83	46838	2.873	ug/l	98
37) Trichloroethene	8.83	130	47805	4.543	ug/l	95
61) Tetrachloroethene	10.63	164	90243	8.158	ug/l	96

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

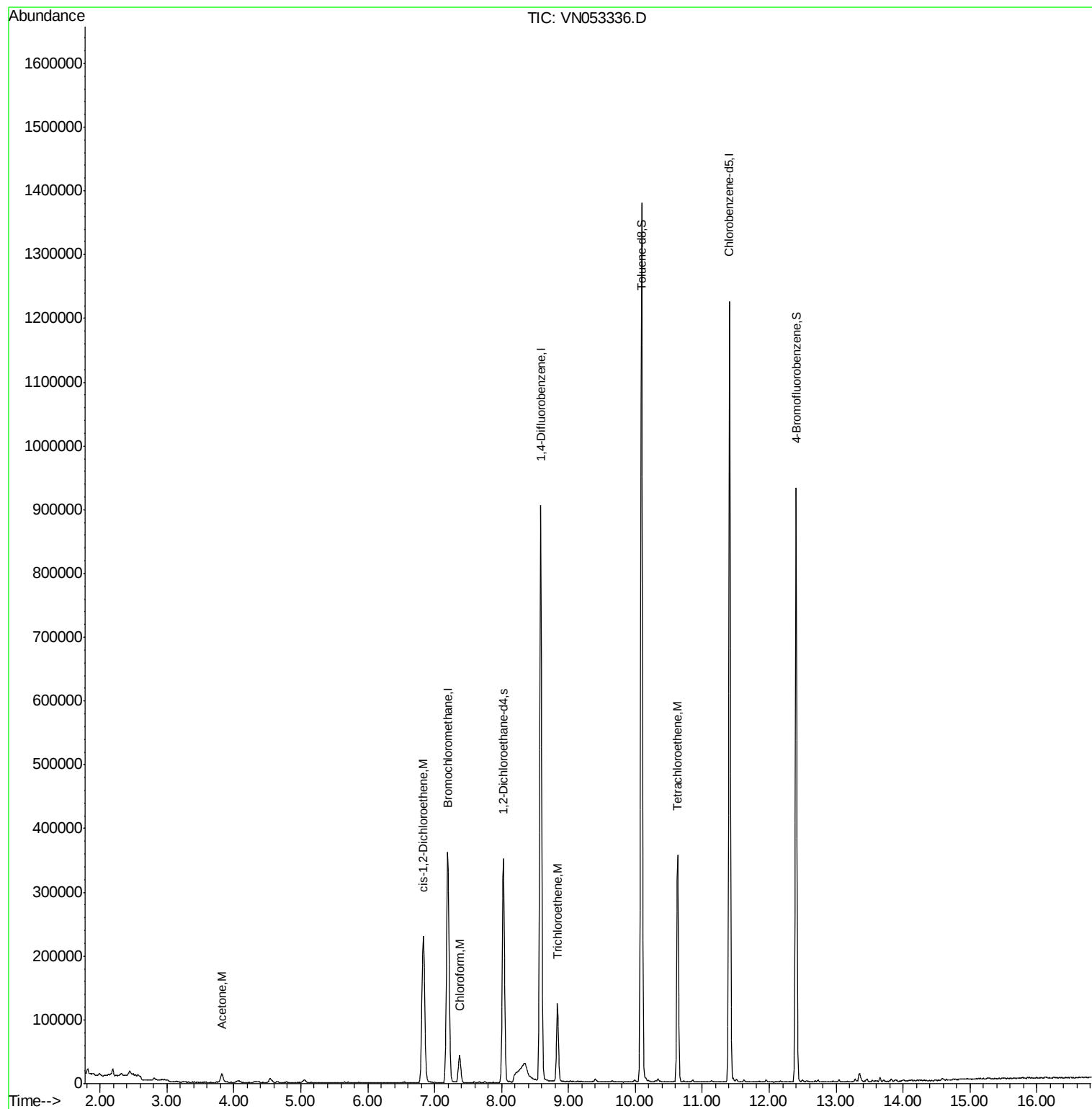
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
Data File : VN053336.D
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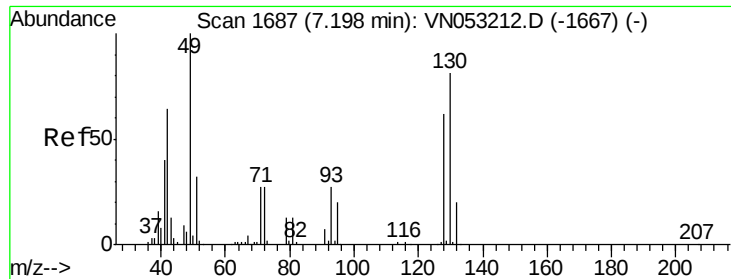
Instrument :
MSVOA_N
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1/11/2019 10:11:40 AM

Quant Time: Jan 11 06:12:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 28 10:33:50 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN053336.D

Acq: 10 Jan 2019 12:47

Instrument :

MSVOA_N

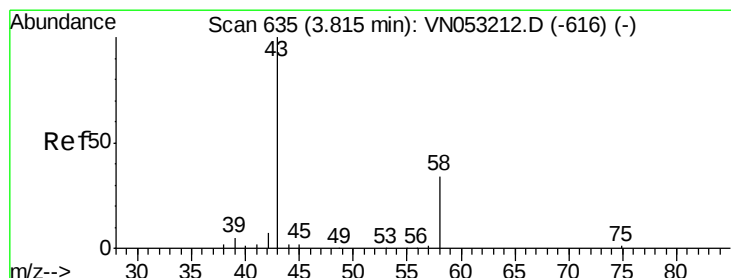
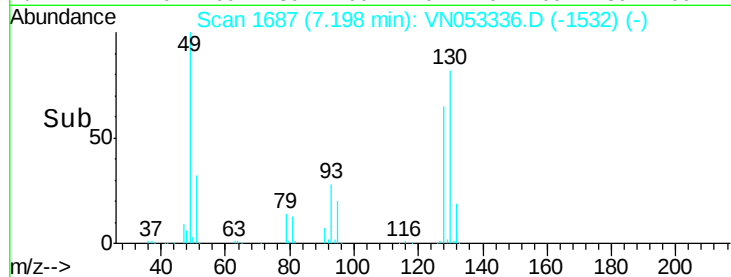
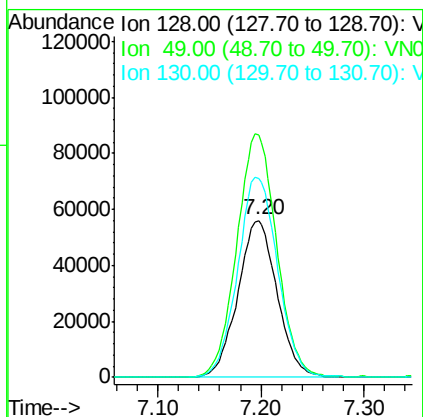
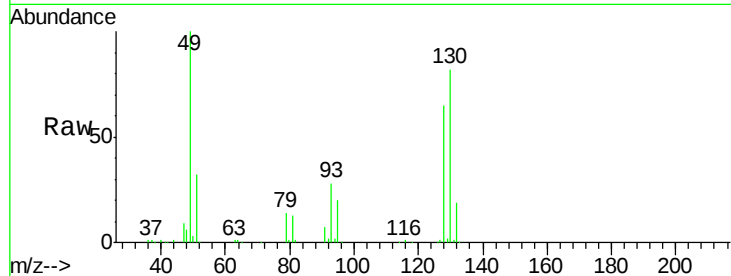
ClientSampled :

2-AVE-29

Tot Ion:	128	Resp:	148395
Ion	Ratio	Lower	Upper
128	100		
49	157.3	0.0	431.8
130	130.1	0.0	317.0

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#15

Acetone

Concen: 8.229 ug/l m

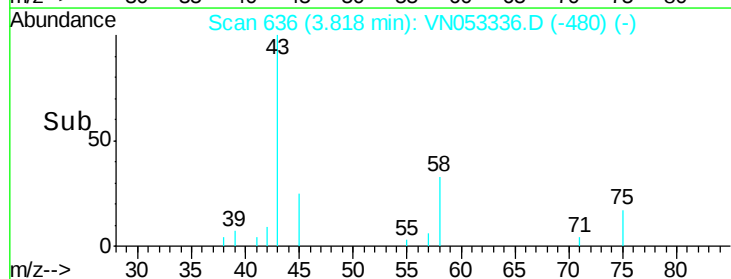
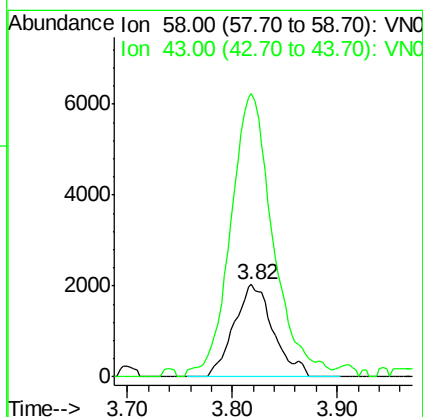
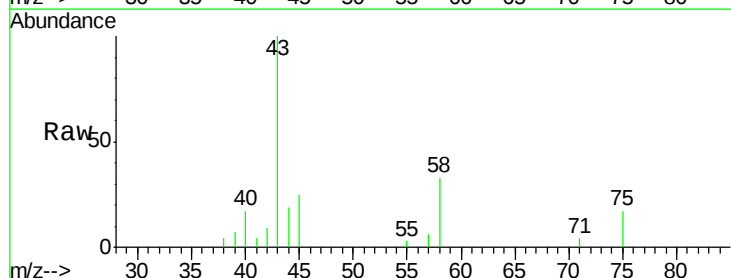
RT: 3.82 min Scan# 636

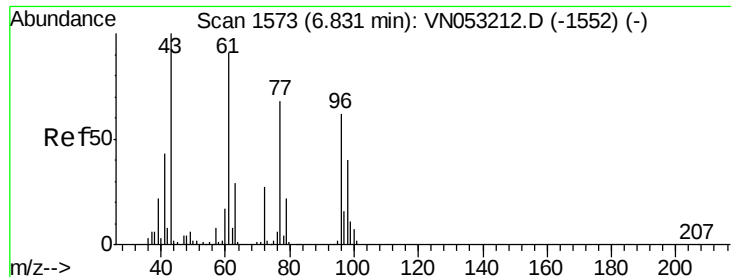
Delta R.T. 0.00 min

Lab File: VN053336.D

Acq: 10 Jan 2019 12:47

Tgt Ion:	58	Resp:	5273
Ion	Ratio	Lower	Upper
58	100		
43	306.2	243.6	365.4





#22

cis-1,2-Dichloroethene

Concen: 15.867 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN053336.D

Acq: 10 Jan 2019 12:47

Instrument :

MSVOA_N

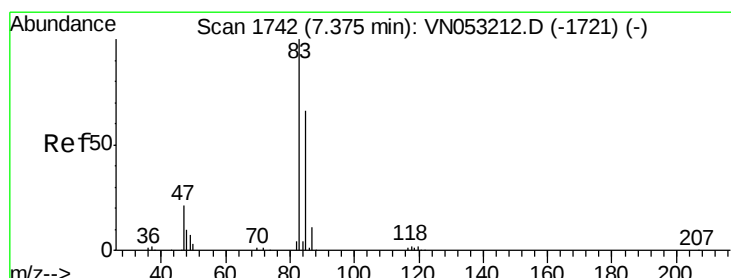
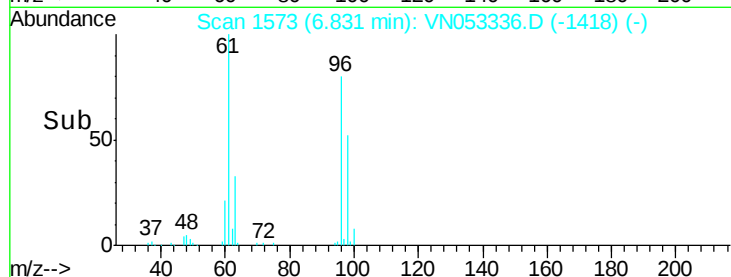
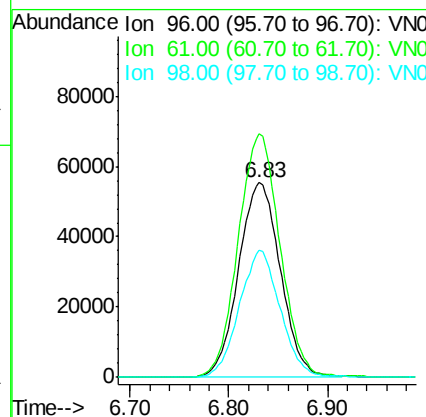
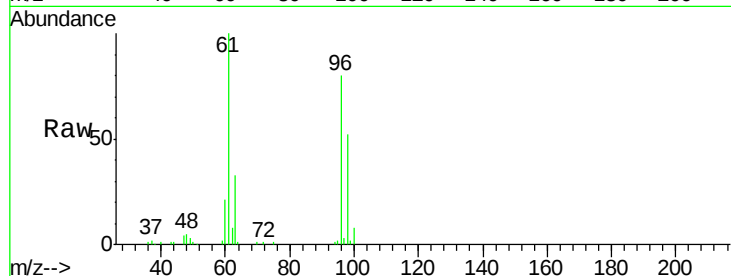
ClientSampled :

2-AVE-29

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	125.0	116.7	175.1	
98	63.3	50.8	76.2	

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#25

Chloroform

Concen: 2.873 ug/l

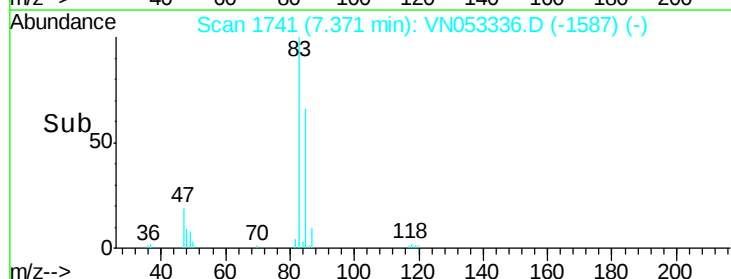
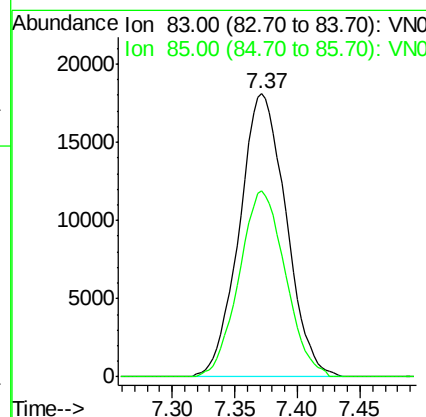
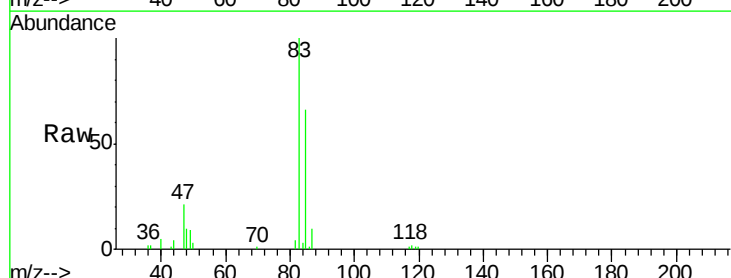
RT: 7.37 min Scan# 1741

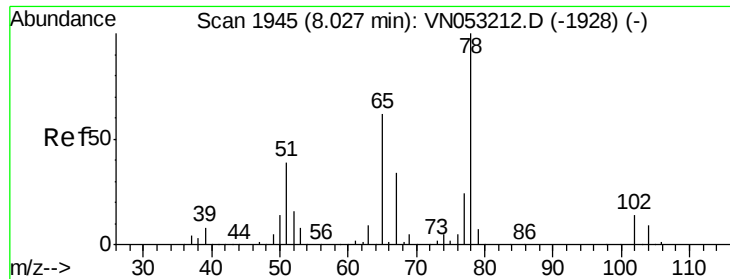
Delta R.T. -0.00 min

Lab File: VN053336.D

Acq: 10 Jan 2019 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
85	65.9	51.7	77.5	





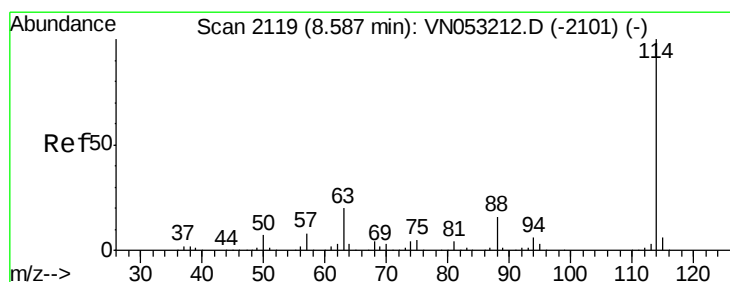
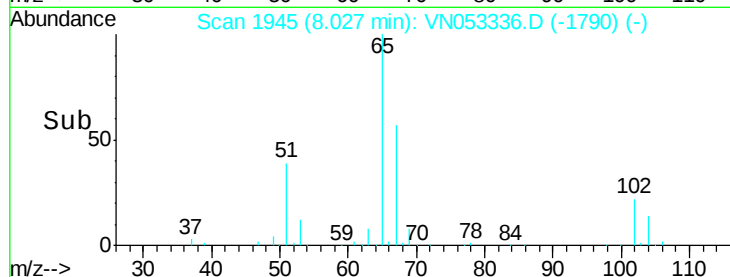
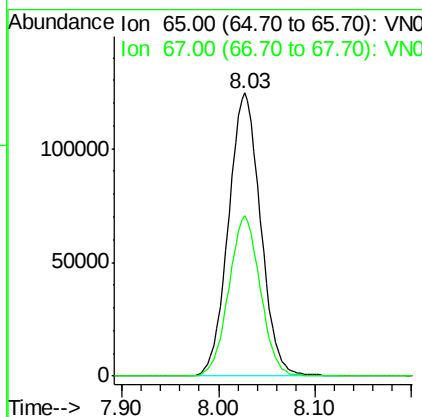
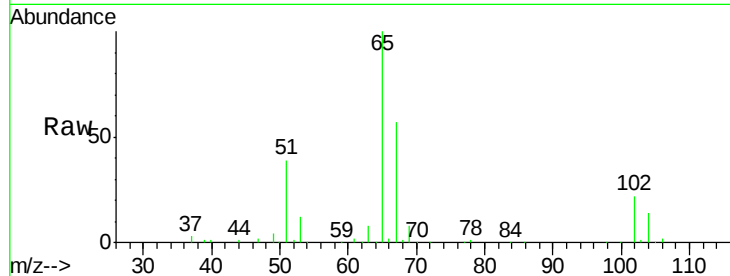
#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053336.D
 Acq: 10 Jan 2019 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 2-AVE-29

Tot Ion: 65 Resp: 286729
 Ion Ratio Lower Upper
 65 100
 67 55.5 44.6 66.8

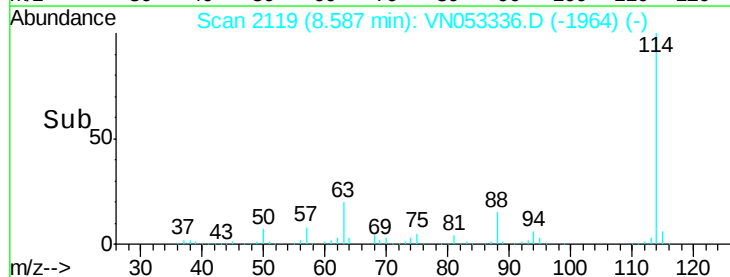
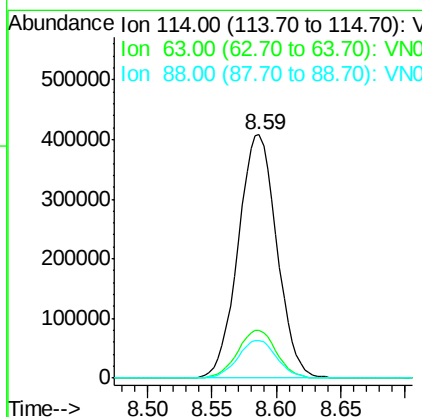
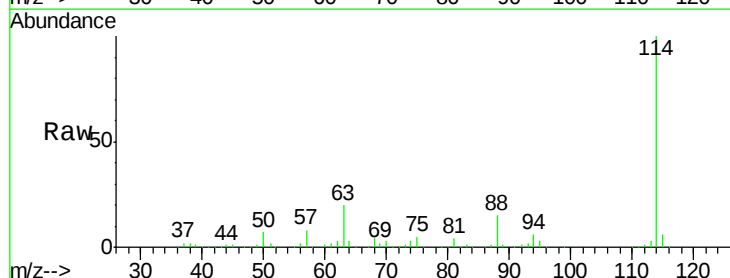
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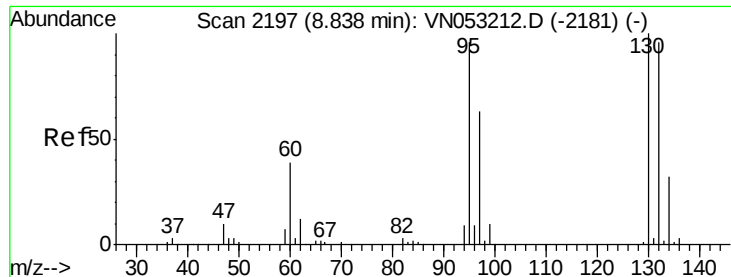
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053336.D
 Acq: 10 Jan 2019 12:47

Tgt Ion: 114 Resp: 853359
 Ion Ratio Lower Upper
 114 100
 63 19.7 16.9 25.3
 88 15.5 12.8 19.2





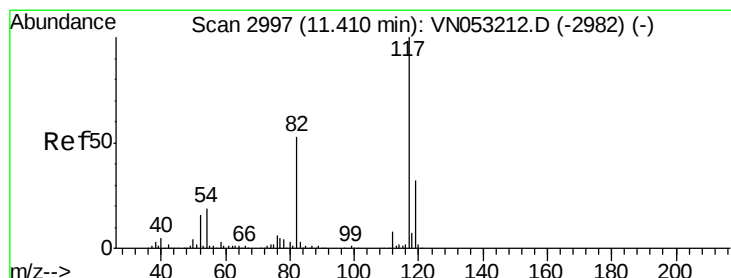
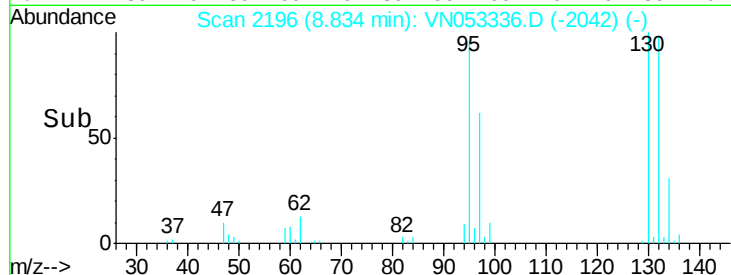
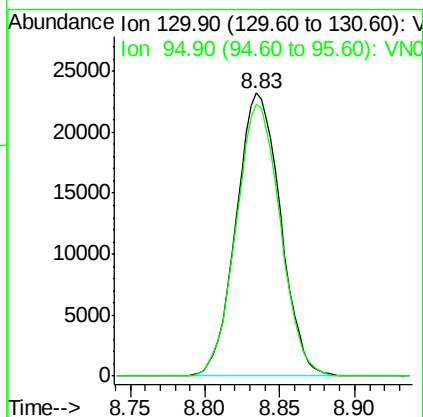
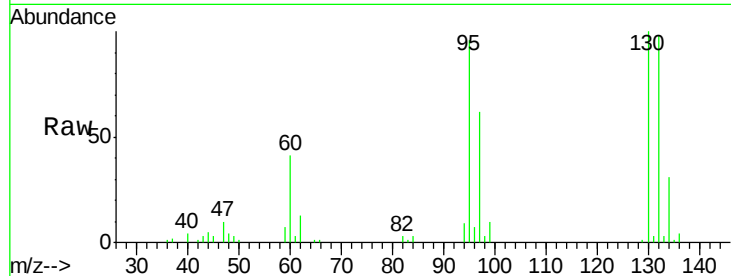
#37
 Trichloroethene
 Concen: 4.543 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN053336.D
 Acq: 10 Jan 2019 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 2-AVE-29

Tot Ion:130 Resp: 47805
 Ion Ratio Lower Upper
 130 100
 95 96.0 81.0 121.4

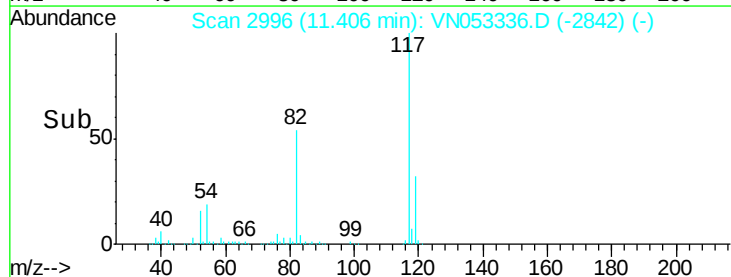
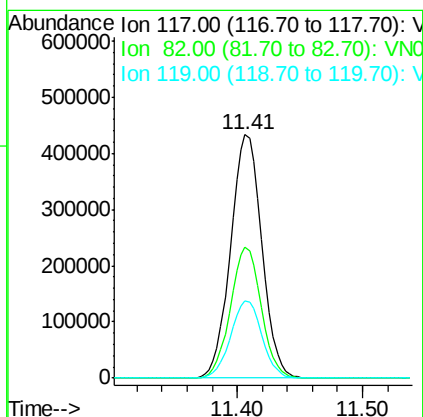
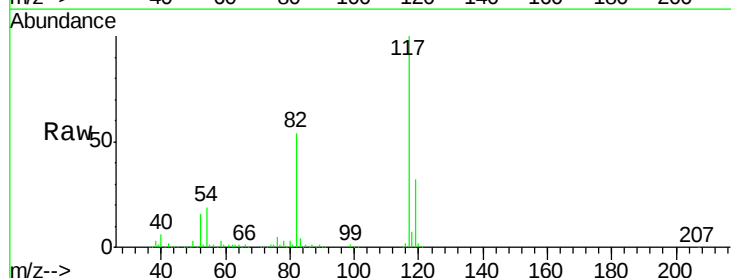
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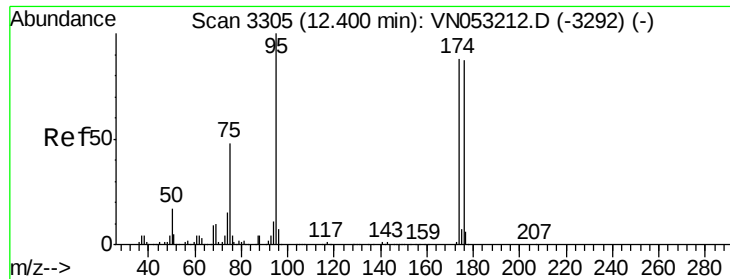
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#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN053336.D
 Acq: 10 Jan 2019 12:47

Tgt Ion:117 Resp: 748513
 Ion Ratio Lower Upper
 117 100
 82 53.1 44.2 66.2
 119 31.8 25.4 38.2





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053336.D

Acq: 10 Jan 2019 12:47

Instrument :

MSVOA_N

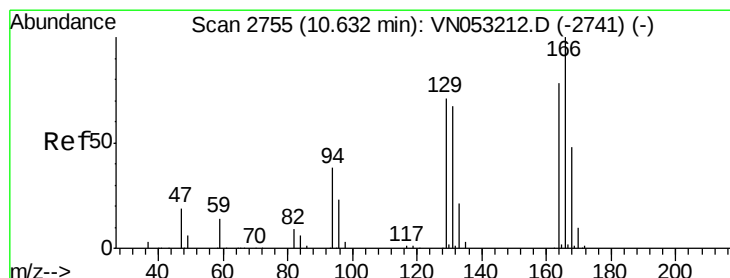
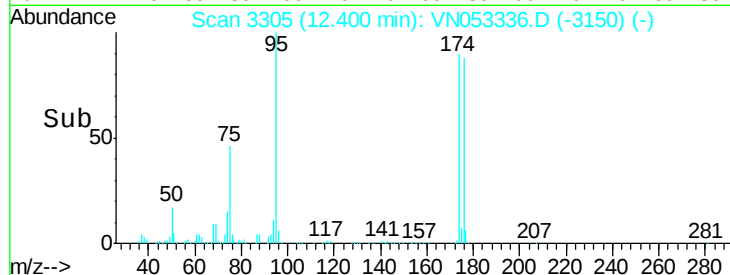
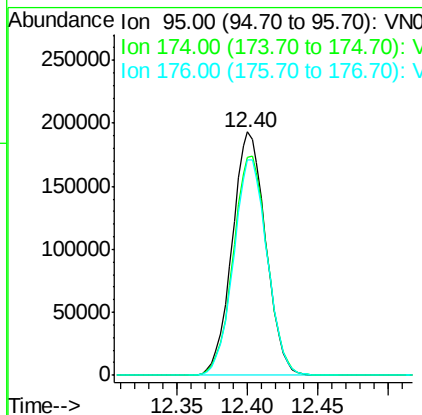
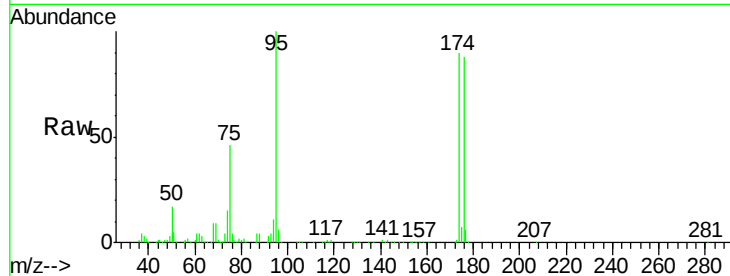
ClientSampled :

2-AVE-29

Tot Ion:	95	Resp:	321366
Ion Ratio	Lower	Upper	
95	100		
174	91.4	67.9	101.9
176	88.8	66.4	99.6

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#61

Tetrachloroethene

Concen: 8.158 ug/l

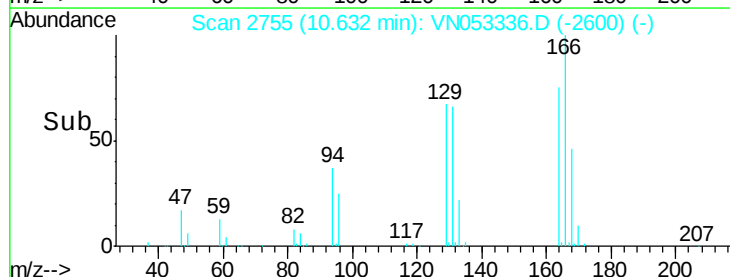
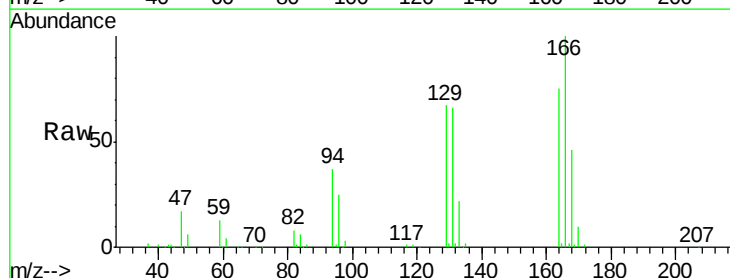
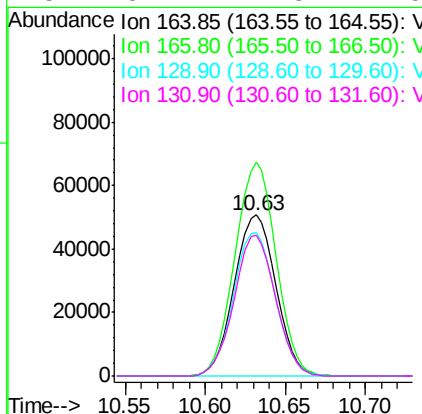
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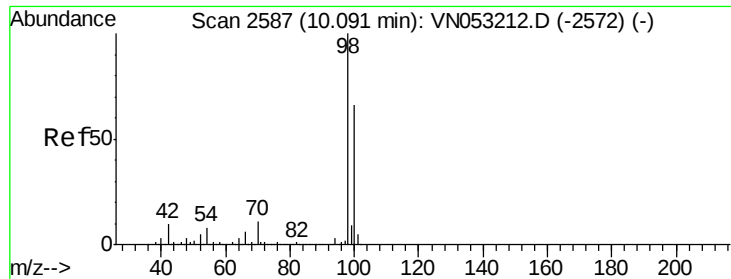
Delta R.T. -0.00 min

Lab File: VN053336.D

Acq: 10 Jan 2019 12:47

Tgt Ion:	164	Resp:	90243
Ion Ratio	Lower	Upper	
164	100		
166	132.7	104.6	157.0
129	88.9	75.3	112.9
131	87.4	74.3	111.5





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053336.D
Acq: 10 Jan 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
2-AVE-29

Tot Ion: 98 Resp: 1000432
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7

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