

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041119\
 Data File : VN054987.D
 Acq On : 11 Apr 2019 19:49
 Operator : JC/SP
 Sample : K2368-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-8

Manual Integrations
 APPROVED

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 4/12/2019 1:41:59 PM

Quant Time: Apr 12 08:43:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	74159	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	393138	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	318632	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	167591	29.65	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	98.83%		
60) 4-Bromofluorobenzene	12.40	95	113545	22.89	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	76.30%		
63) Toluene-d8	10.09	98	473744	31.27	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	104.23%		
Target Compounds						
22) cis-1,2-Dichloroethene	6.83	96	5668m	1.138	ug/l	Ovalue
25) Chloroform	7.37	83	50153	5.971	ug/l	100

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

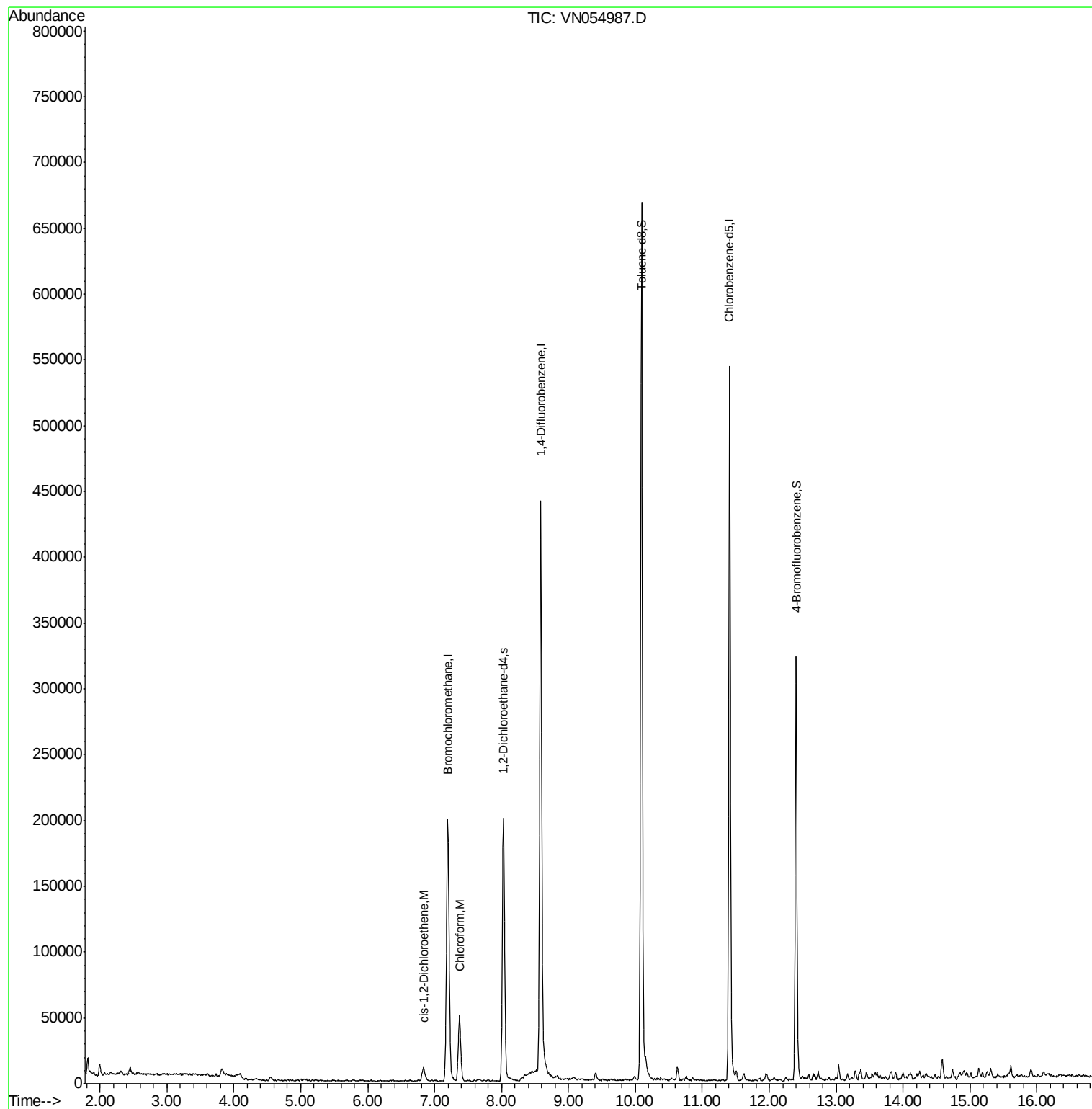
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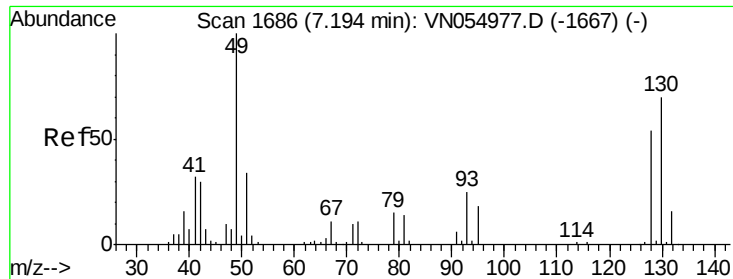
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:55:25 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054987.D

Acq: 11 Apr 2019 19:49

Instrument :

MSVOA_N

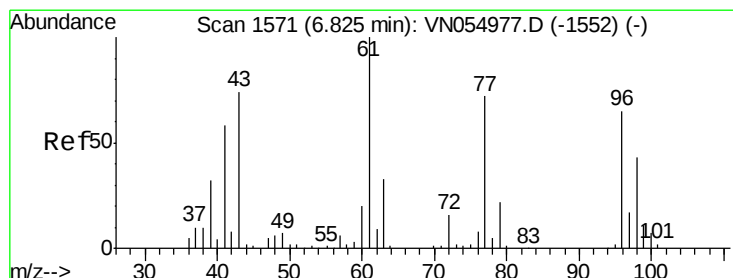
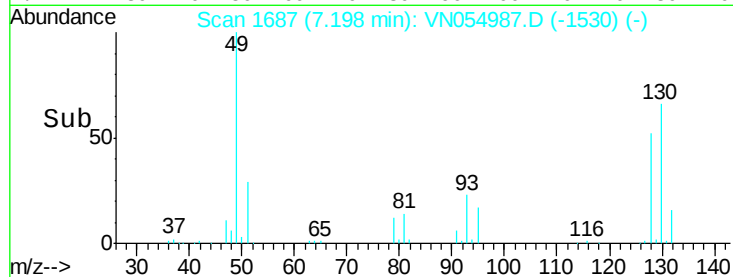
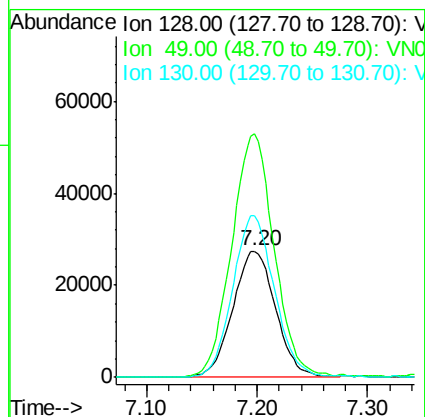
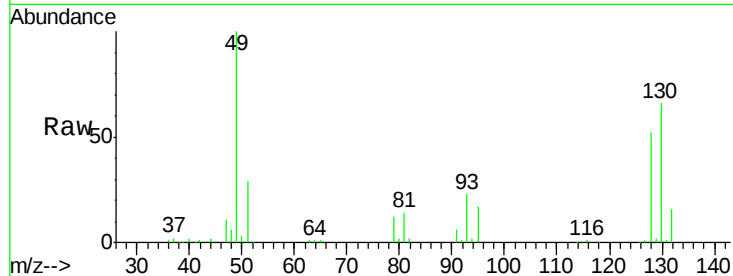
ClientSampled :

55-ST-8

Tot Ion:	128	Resp:	74159
Ion	Ratio	Lower	Upper
128	100		
49	189.9	0.0	480.3
130	124.7	0.0	322.2

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 1.138 ug/l m

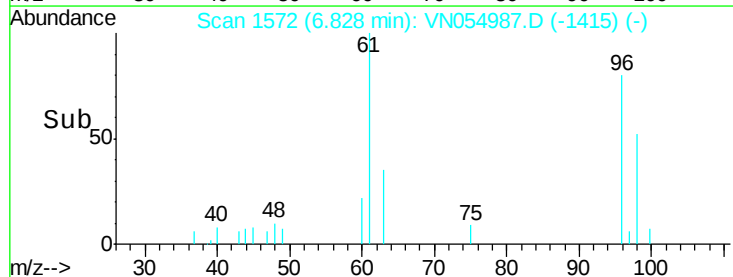
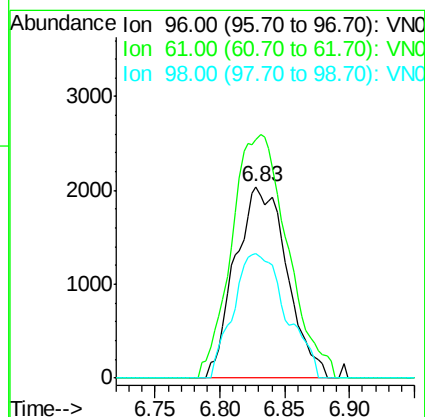
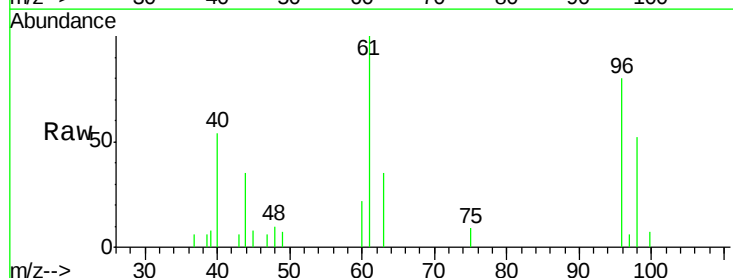
RT: 6.83 min Scan# 1572

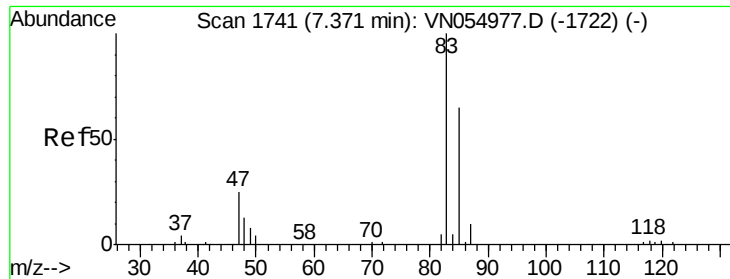
Delta R.T. 0.00 min

Lab File: VN054987.D

Acq: 11 Apr 2019 19:49

Tgt Ion:	96	Resp:	5668
Ion	Ratio	Lower	Upper
96	100		
61	137.2	125.0	187.6
98	43.6	52.2	78.2#





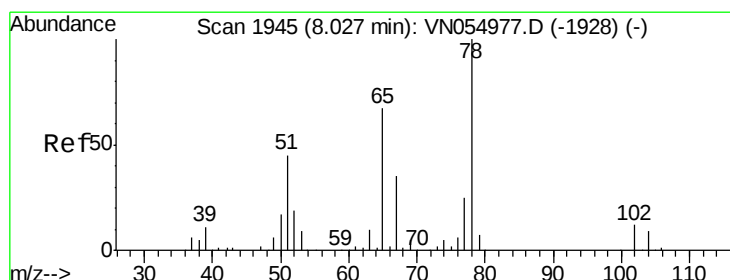
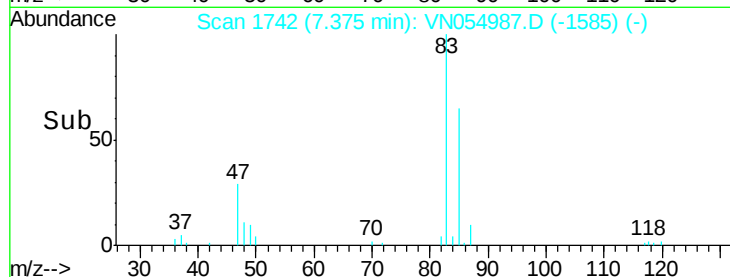
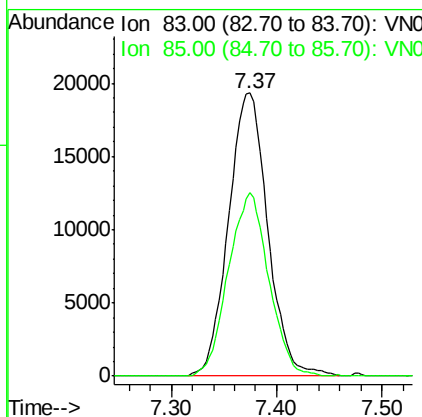
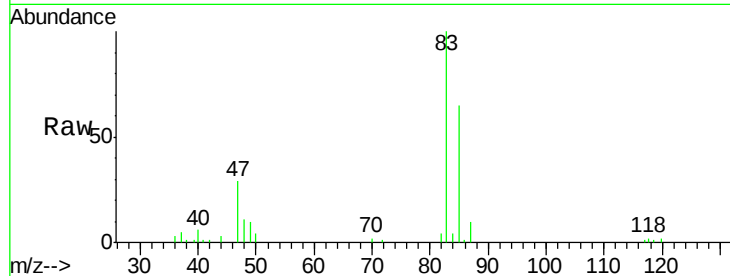
#25
Chloroform
Concen: 5.971 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054987.D
Acq: 11 Apr 2019 19:49

Instrument :
MSVOA_N
ClientSampleId :
55-ST-8

Tot Ion: 83 Resp: 50153
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8

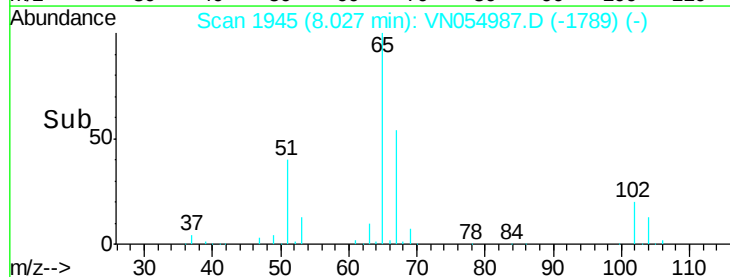
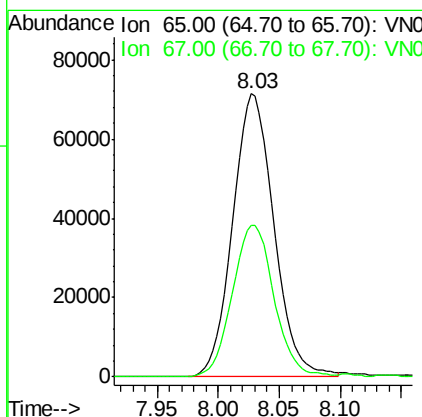
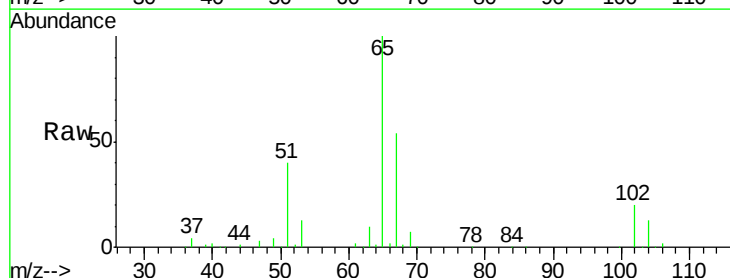
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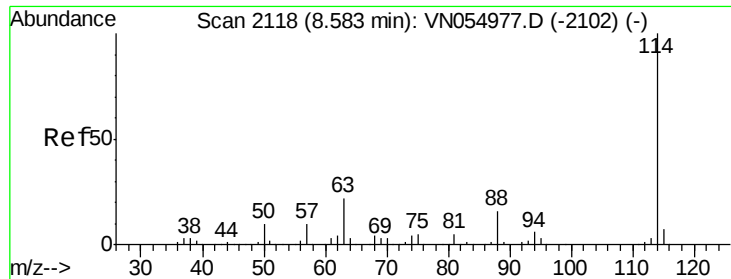
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#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054987.D
Acq: 11 Apr 2019 19:49

Tgt Ion: 65 Resp: 167591
Ion Ratio Lower Upper
65 100
67 54.1 41.8 62.8





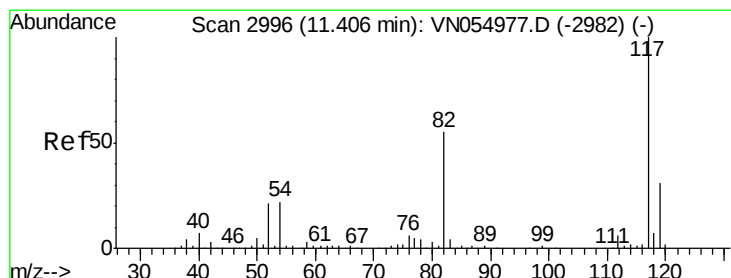
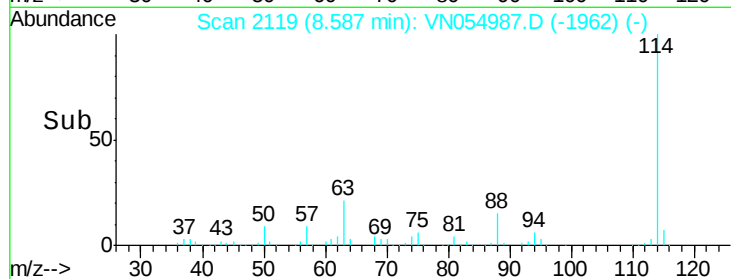
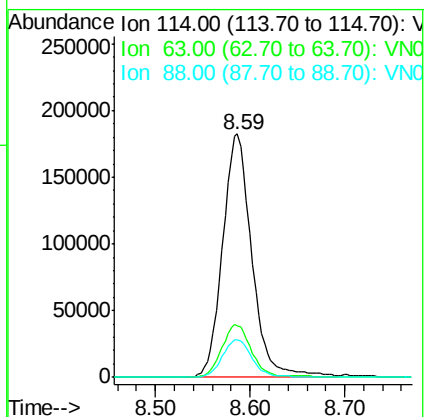
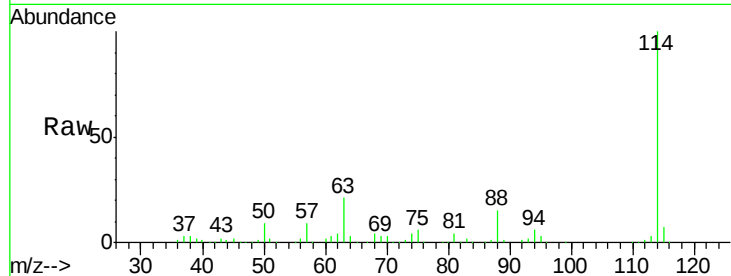
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054987.D
 Acq: 11 Apr 2019 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-8

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	17.0	25.4
88	15.6	12.3	18.5

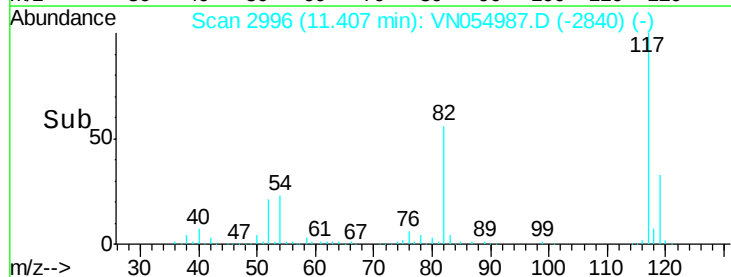
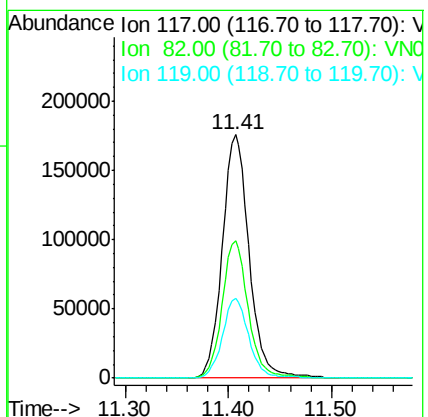
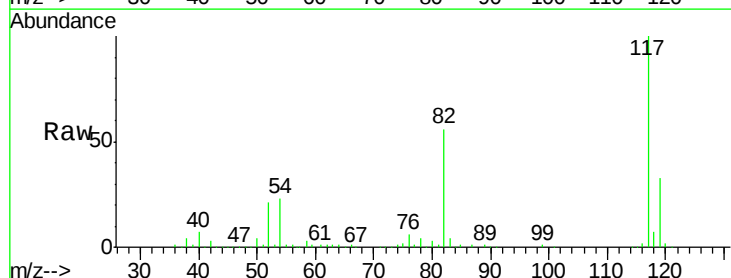
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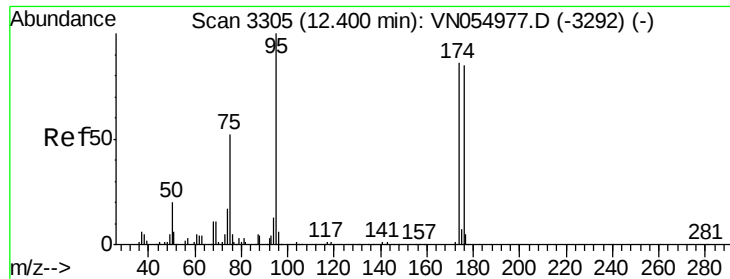
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#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054987.D
 Acq: 11 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.2	67.8
119	31.9	25.4	38.2





#60

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054987.D

Acq: 11 Apr 2019 19:49

Instrument :

MSVOA_N

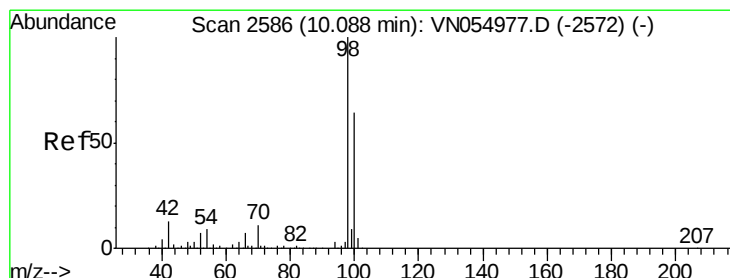
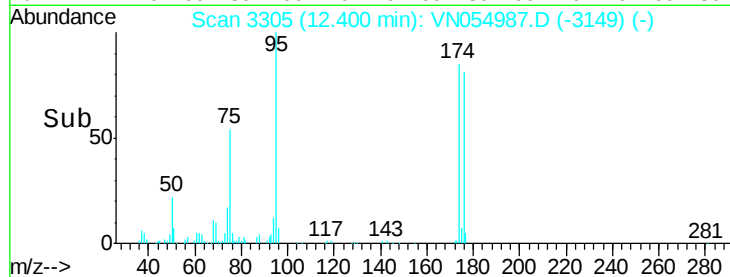
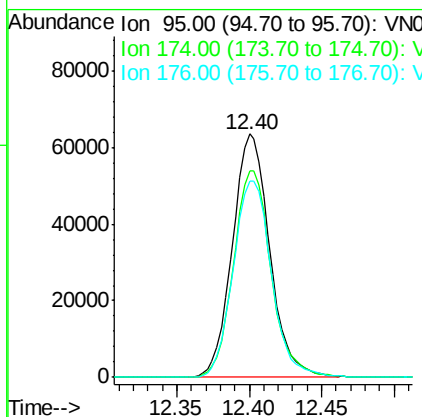
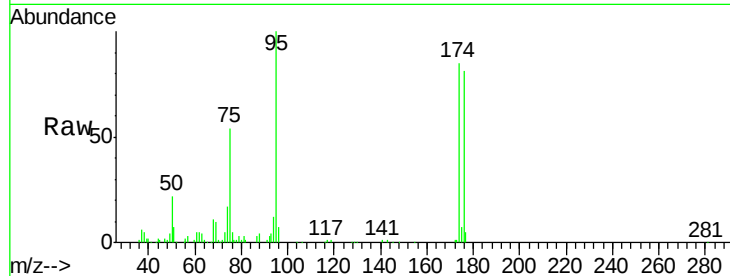
ClientSampleId :

55-ST-8

Tot Ion:	95	Resp:	113545
Ion Ratio	Lower	Upper	
95	100		
174	85.7	69.4	104.2
176	83.1	67.4	101.2

Manual Integrations
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#63

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054987.D

Acq: 11 Apr 2019 19:49

Tgt Ion:	98	Resp:	473744
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.1	76.7

