

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056254.D
 Acq On : 12 Jun 2019 17:25
 Operator : JC/SP
 Sample : K3327-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

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 6/13/2019 11:08:46 AM

Quant Time: Jun 13 05:30:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	468216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	465097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	153310	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
35) Dibromofluoromethane	7.59	113	145289	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.09	98	575094	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.40	95	188387	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
Target Compounds						
16) Acetone	3.83	43	5971	4.024	ug/l	94
44) Trichloroethene	8.84	130	1123	0.320	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	5457	1.063	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	5602m	1.134	ug/l	
91) 1,2-Dichlorobenzene	13.65	146	14132	2.726	ug/l	97

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

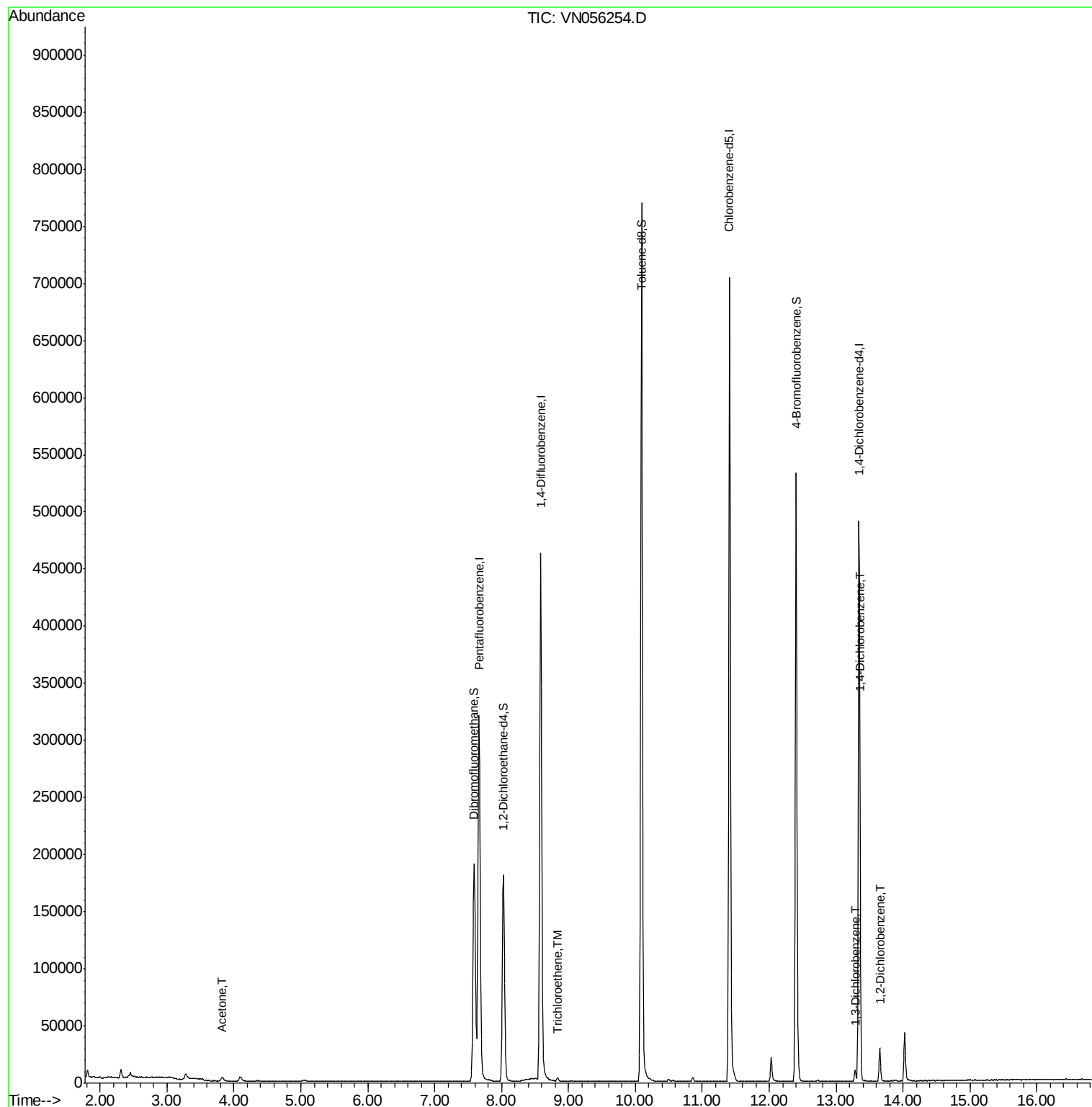
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061219\
Data File : VN056254.D
Acq On : 12 Jun 2019 17:25
Operator : JC/SP
Sample : K3327-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

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Quant Time: Jun 13 05:30:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056254.D

Acq: 12 Jun 2019 17:25

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion:168 Resp: 312441

Ion Ratio Lower Upper

168 100

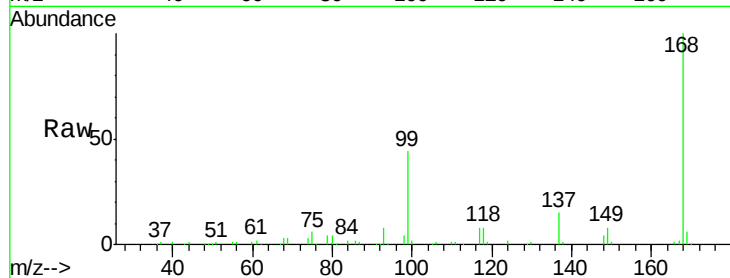
99 44.5 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

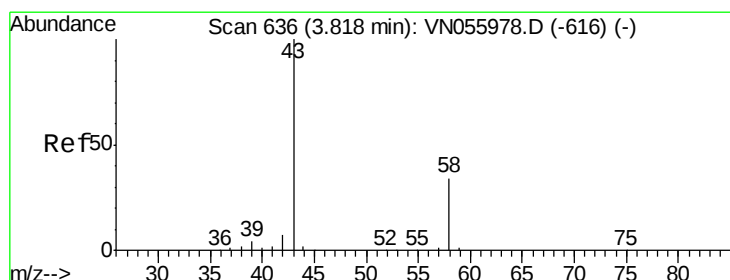
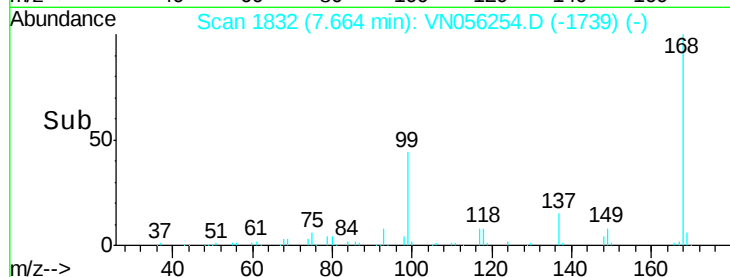
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 4.024 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056254.D

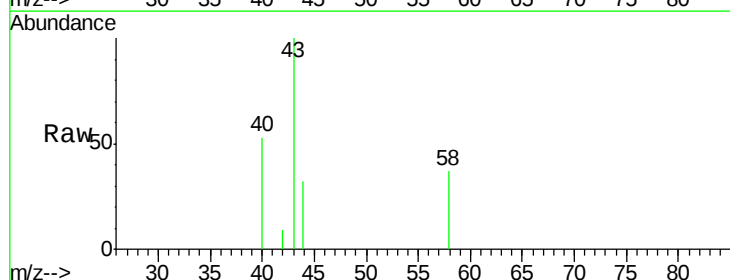
Acq: 12 Jun 2019 17:25

Tgt Ion: 43 Resp: 5971

Ion Ratio Lower Upper

43 100

58 36.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

2500

2000

1500

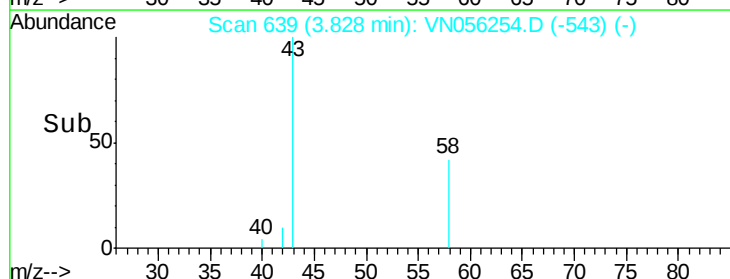
1000

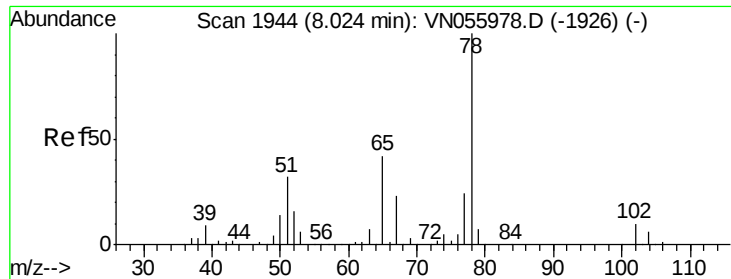
500

0

Time-->

3.75 3.80 3.85 3.90





#33

1,2-Dichloroethane-d4

Concen: 49.419 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056254.D

Acq: 12 Jun 2019 17:25

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion: 65 Resp: 153310

Ion Ratio Lower Upper

65 100

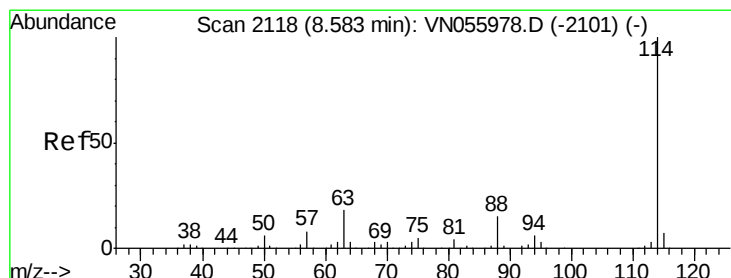
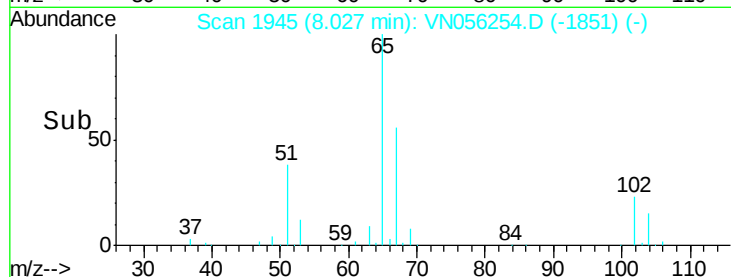
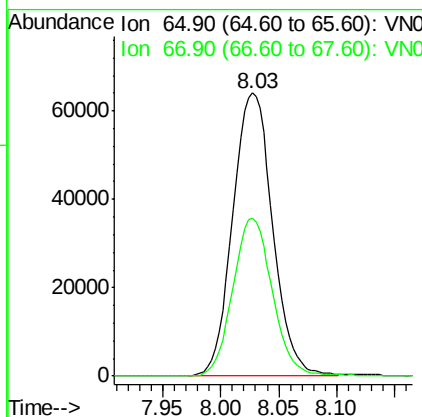
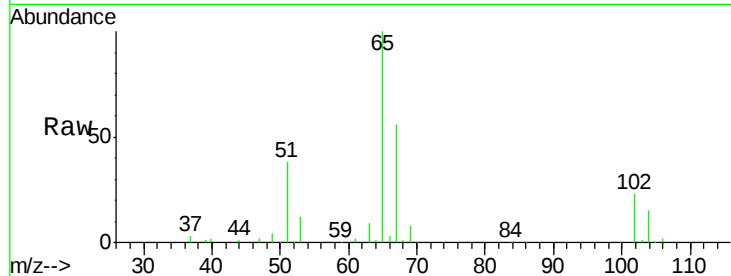
67 55.2 0.0 109.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056254.D

Acq: 12 Jun 2019 17:25

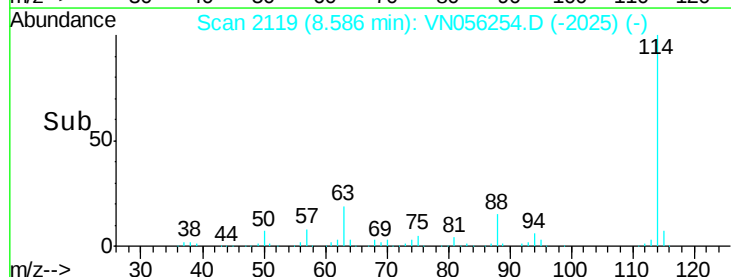
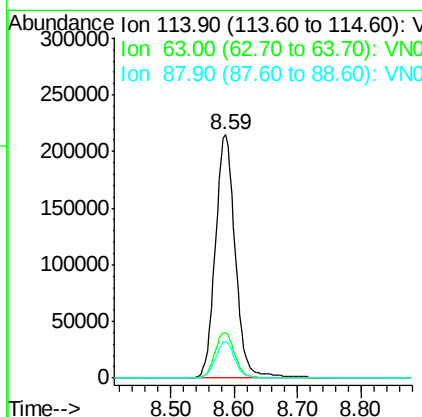
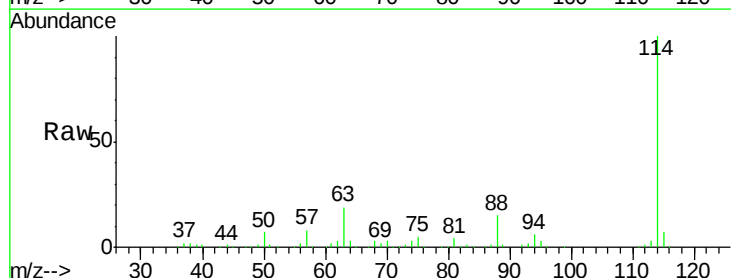
Tgt Ion: 114 Resp: 468216

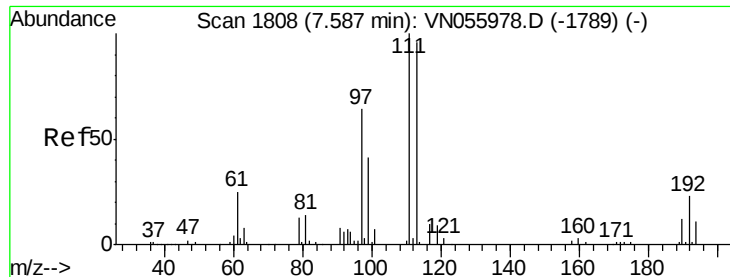
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

88 14.7 0.0 31.0





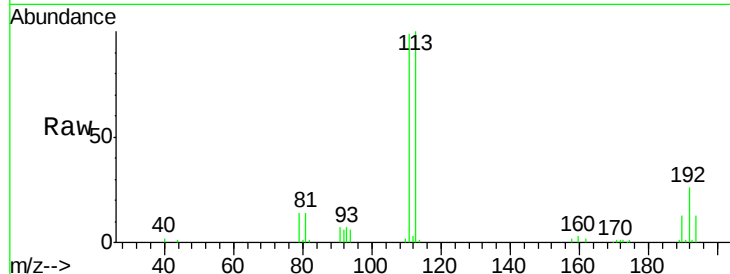
#35
 Dibromofluoromethane
 Concen: 50.576 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056254.D
 Acq: 12 Jun 2019 17:25

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

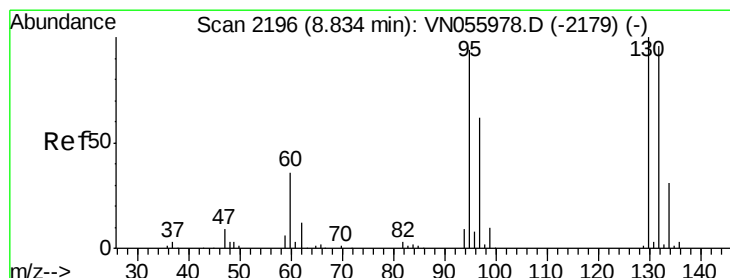
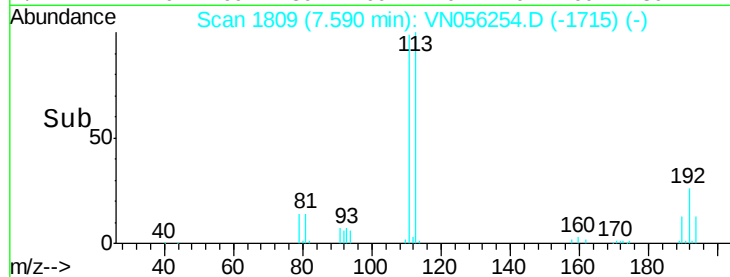
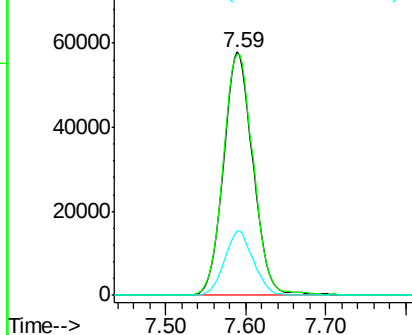
Tot Ion	Ratio	Resp	Lower	Upper
113	100	145289		
111	101.2		81.9	122.9
192	25.9		19.5	29.3

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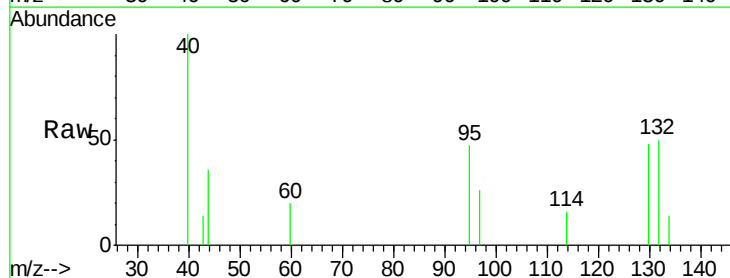


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

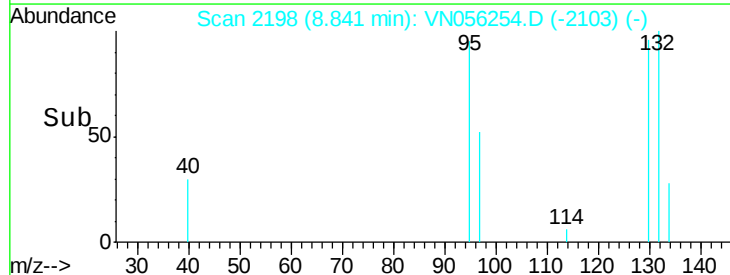
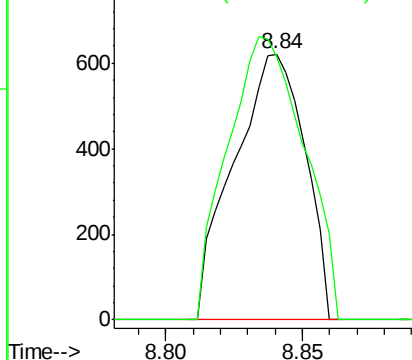


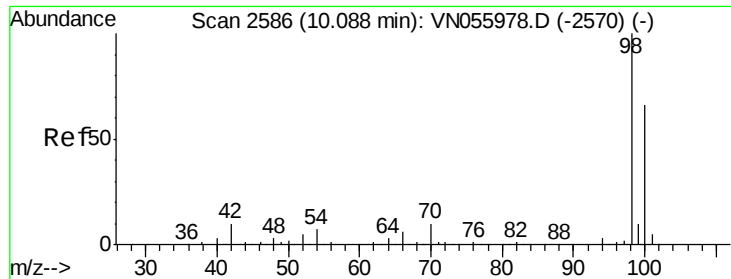
#44
 Trichloroethene
 Concen: 0.320 ug/l
 RT: 8.84 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: VN056254.D
 Acq: 12 Jun 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	1123		
95	98.9		0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.026 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056254.D

Acq: 12 Jun 2019 17:25

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion: 98 Resp: 575094

Ion Ratio Lower Upper

98 100

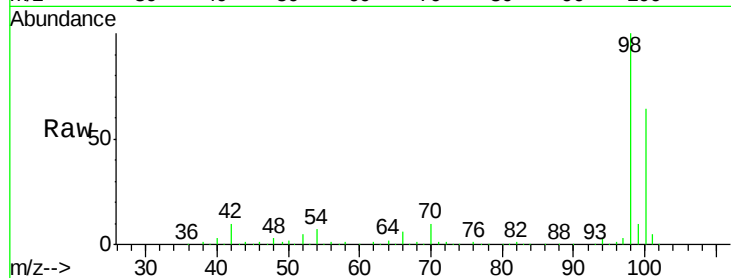
100 63.9 51.9 77.9

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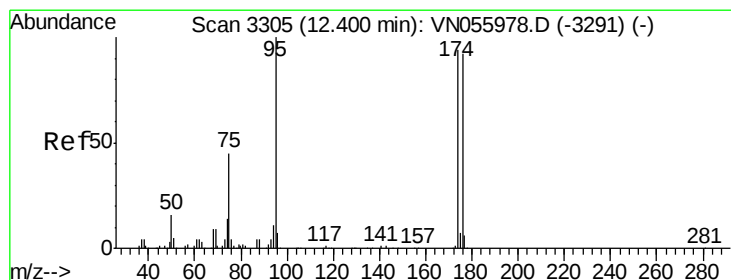
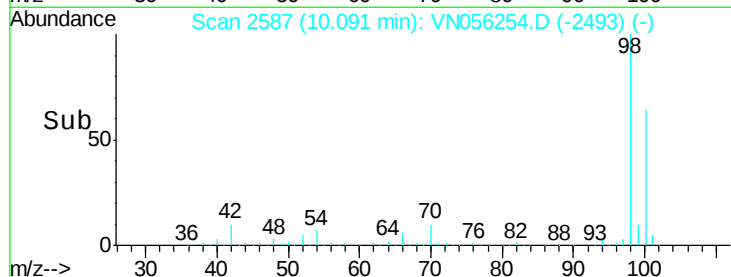
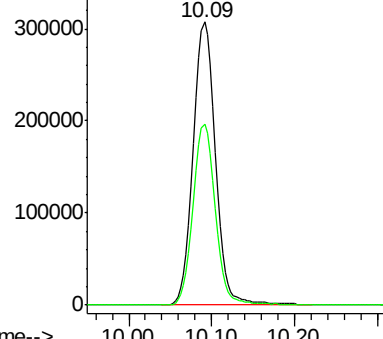
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Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 50.114 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056254.D

Acq: 12 Jun 2019 17:25

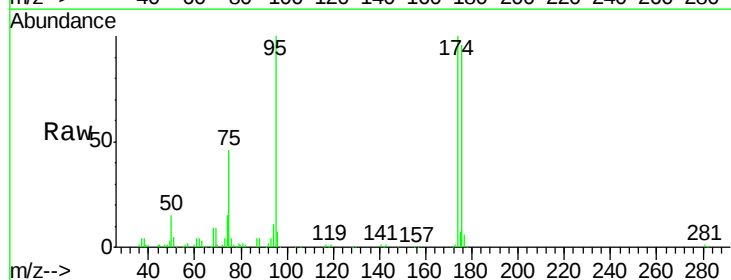
Tgt Ion: 95 Resp: 188387

Ion Ratio Lower Upper

95 100

174 100.2 0.0 191.0

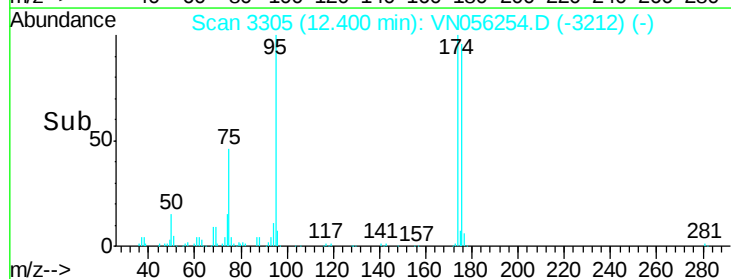
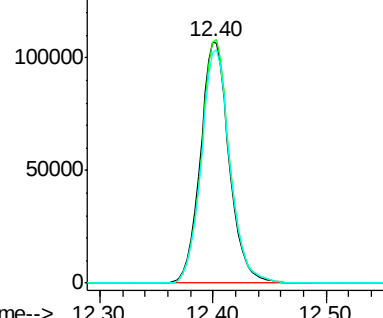
176 96.8 0.0 185.2

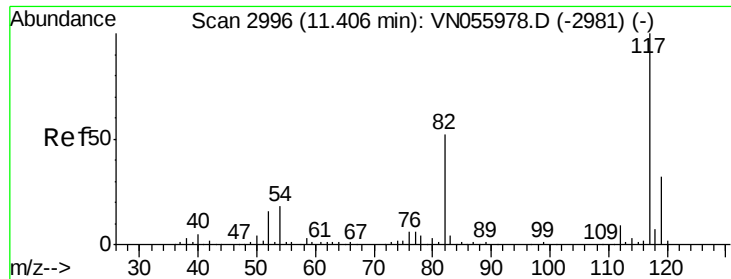


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)





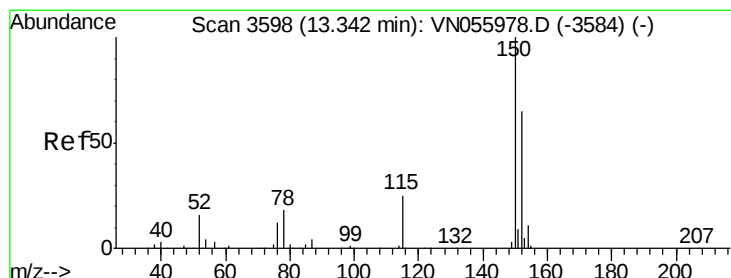
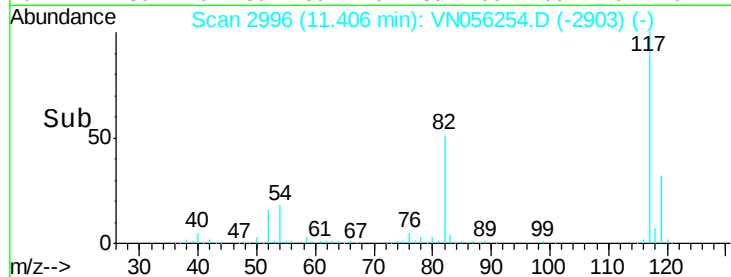
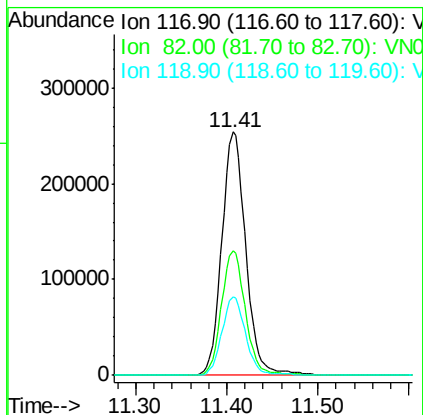
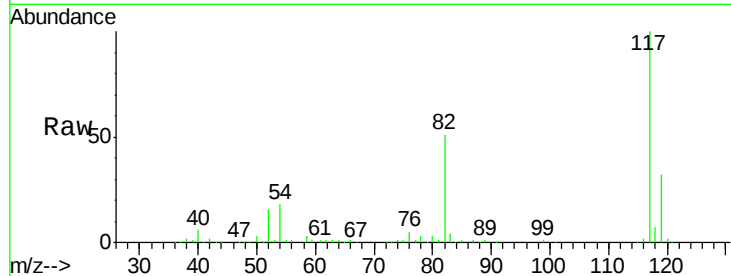
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056254.D
Acq: 12 Jun 2019 17:25

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.8	62.8
119	32.4	25.4	38.0

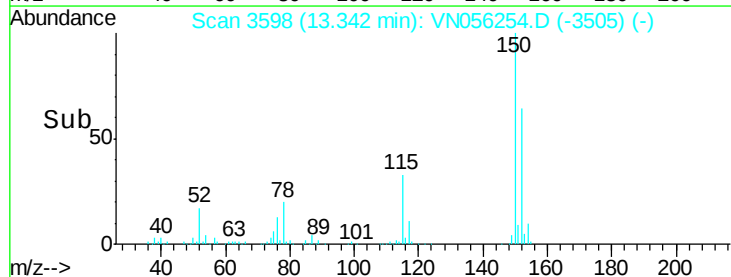
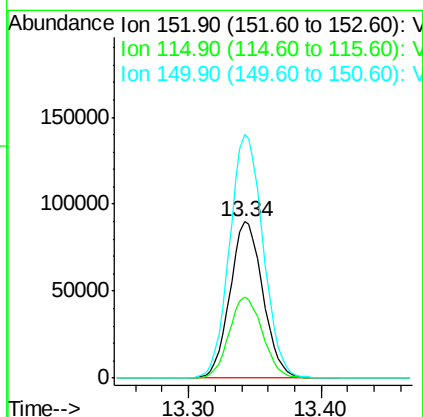
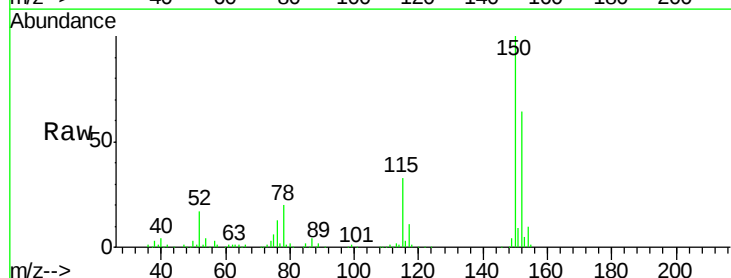
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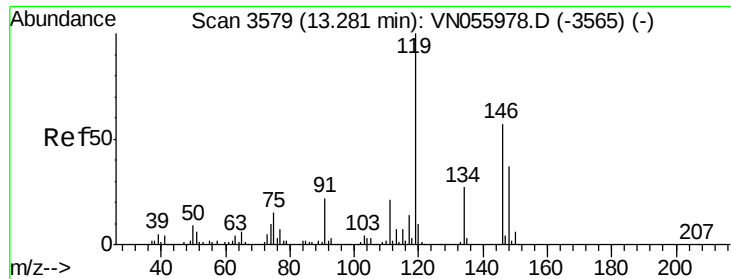
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056254.D
Acq: 12 Jun 2019 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	27.0	81.0
150	157.7	0.0	343.2





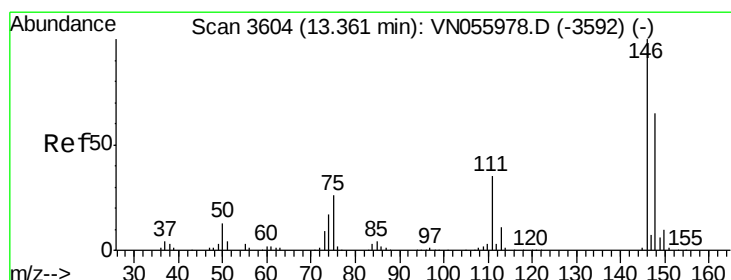
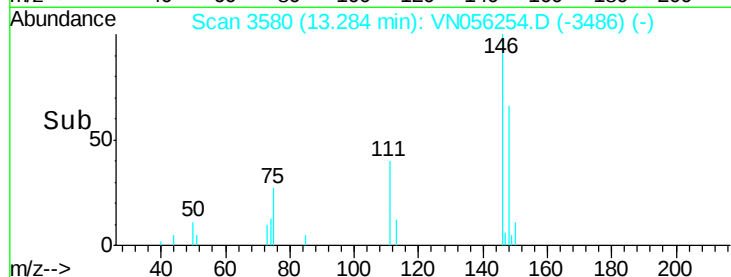
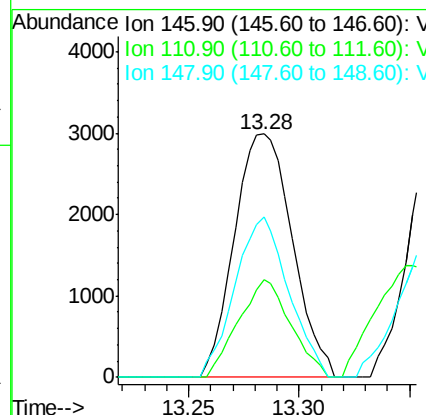
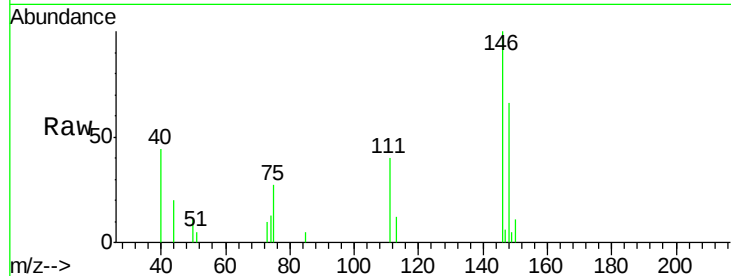
#87
 1,3-Dichlorobenzene
 Concen: 1.063 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056254.D
 Acq: 12 Jun 2019 17:25

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.5	55.5
148	60.8	32.0	96.2

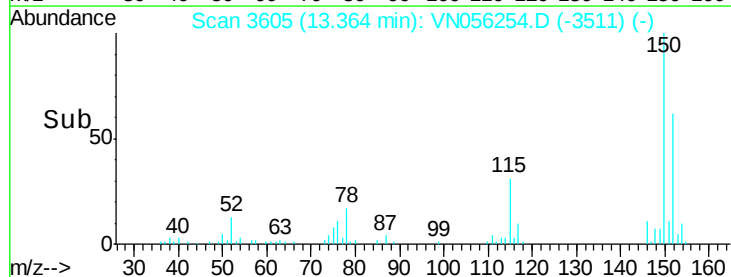
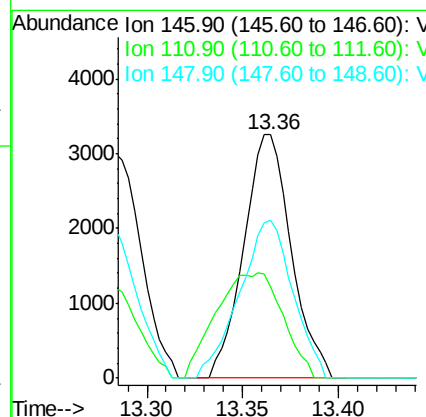
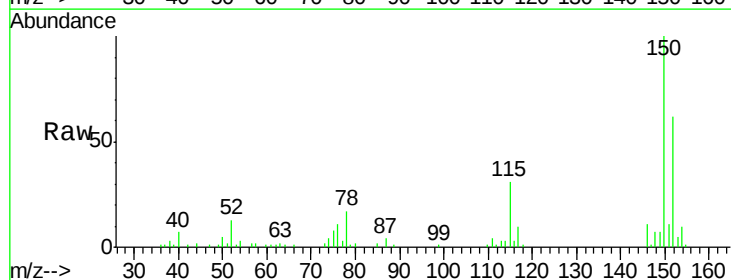
Manual Integrations
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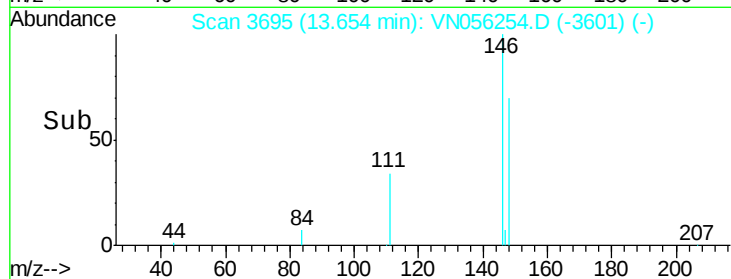
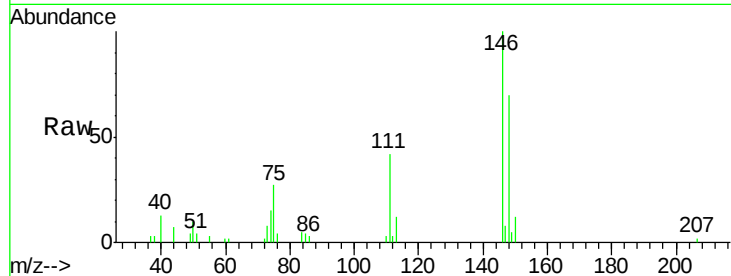
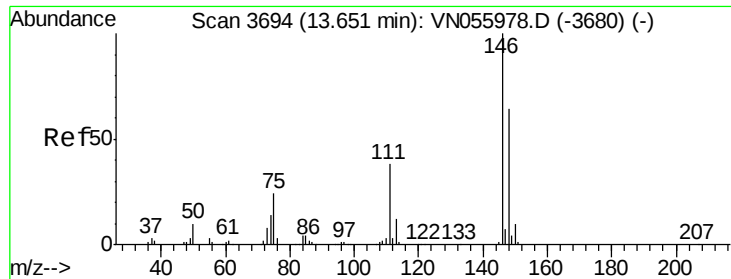
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#88
 1,4-Dichlorobenzene
 Concen: 1.134 ug/l m
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056254.D
 Acq: 12 Jun 2019 17:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	18.1	54.4
148	59.3	32.1	96.5





#91

1,2-Dichlorobenzene

Concen: 2.726 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056254.D

Acq: 12 Jun 2019 17:25

Instrument :

MSVOA_N

ClientSampleId :

MW-3

Tot Ion:	146	Resp:	14132
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.1	57.5
148	67.3	31.9	95.9

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