

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056109.D
 Acq On : 7 Jun 2019 19:45
 Operator : JC/SP
 Sample : K3203-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-190604

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 11:26:38 AM

Quant Time: Jun 08 06:44:58 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	333946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	498224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	160057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	174475	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
35) Dibromofluoromethane	7.59	113	153909	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.09	98	639213	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
62) 4-Bromofluorobenzene	12.40	95	206421	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.18	62	445571	122.707	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	110155	31.198	ug/l	90
40) Benzene	8.04	78	149060	11.456	ug/l	100
65) Chlorobenzene	11.43	112	1556885	164.390	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1342	0.253	ug/l	92
88) 1,4-Dichlorobenzene	13.36	146	7689m	1.507	ug/l	
91) 1,2-Dichlorobenzene	13.65	146	16191	3.024	ug/l	97

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

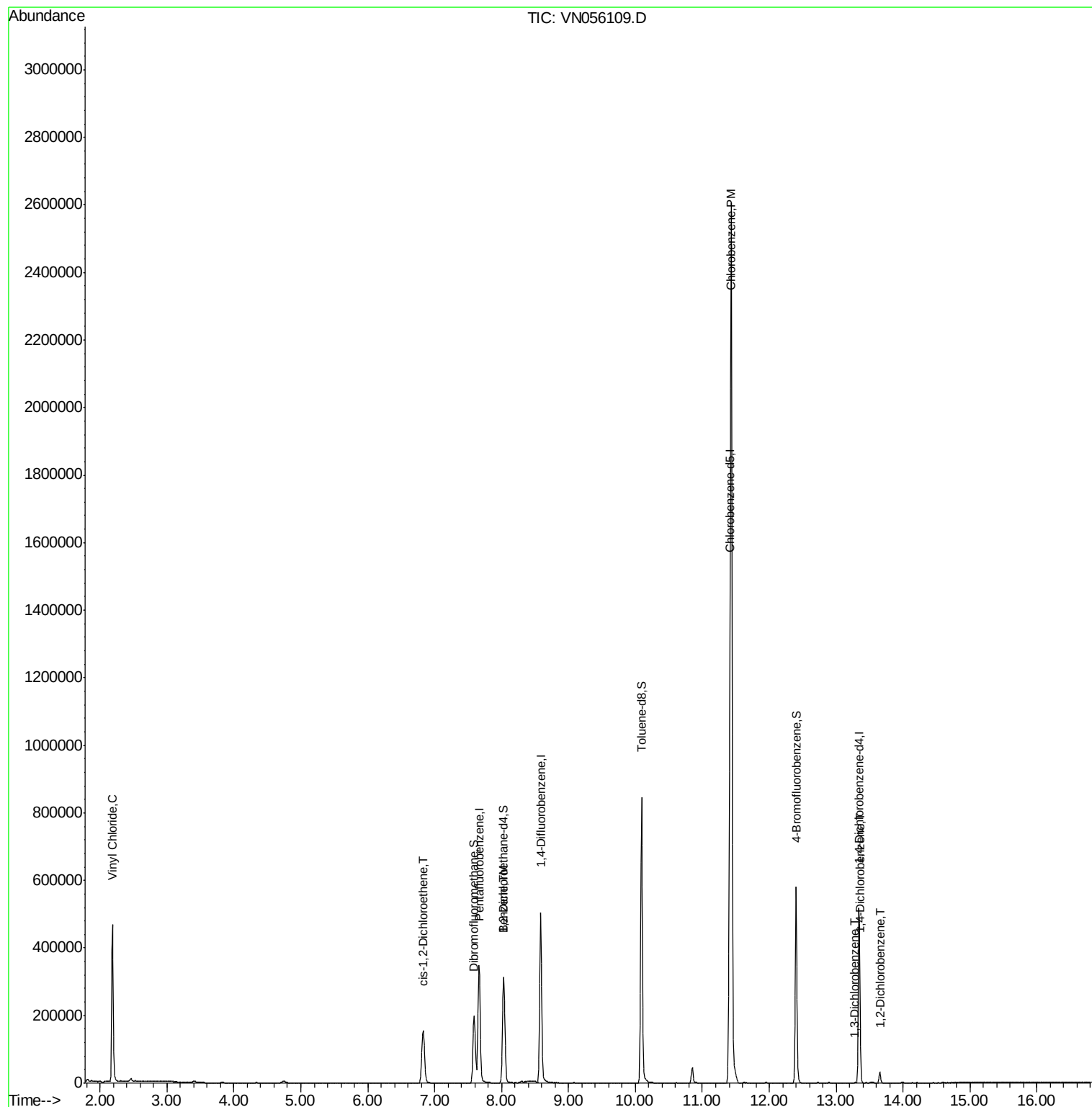
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
Data File : VN056109.D
Acq On : 7 Jun 2019 19:45
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

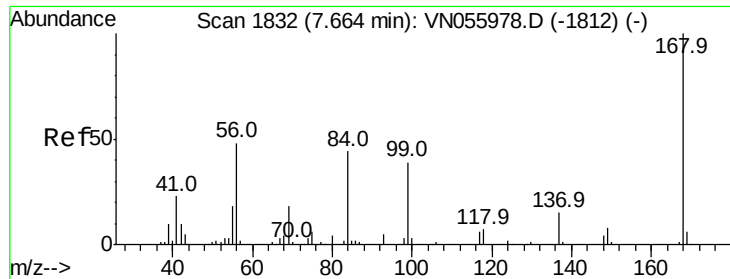
Instrument :
MSVOA_N
ClientSampleId :
SS043MW100-190604

Manual Integrations
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Quant Time: Jun 08 06:44:58 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056109.D

Acq: 7 Jun 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-190604

Tot Ion:168 Resp: 333946

Ion Ratio Lower Upper

168 100

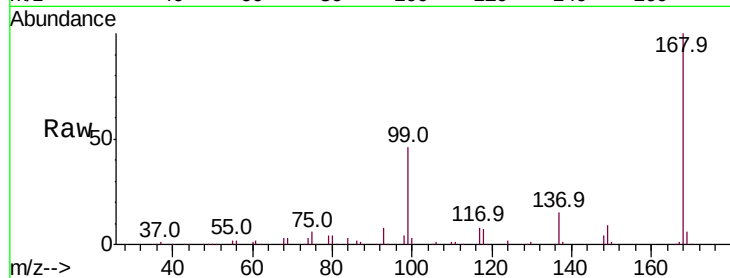
99 45.9 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

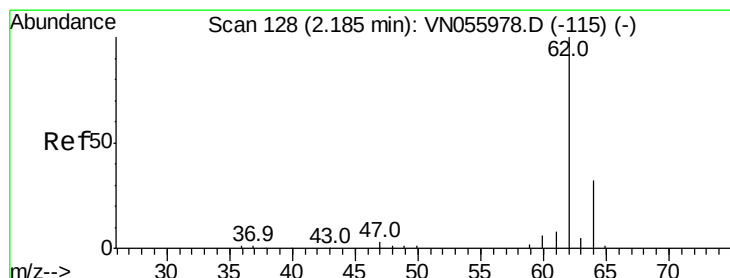
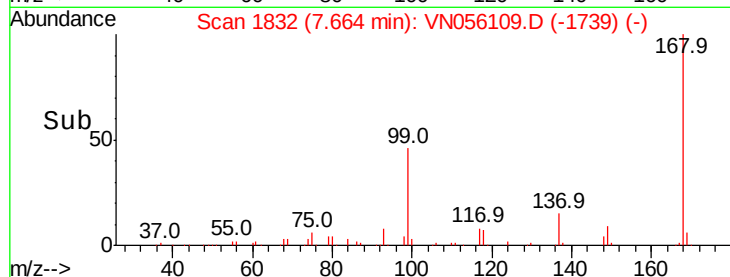
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 122.707 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056109.D

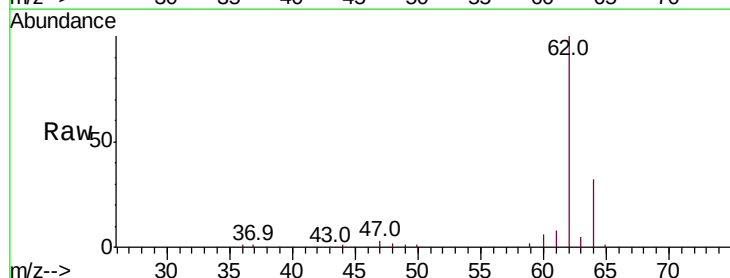
Acq: 7 Jun 2019 19:45

Tgt Ion: 62 Resp: 445571

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

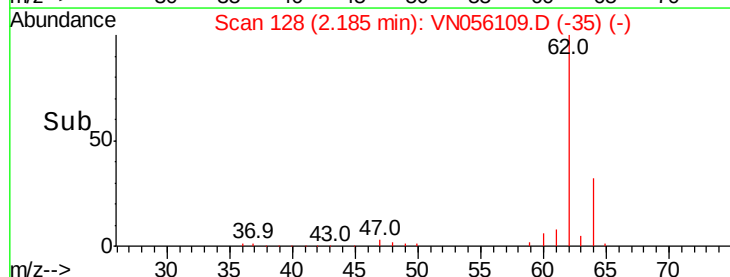
300000

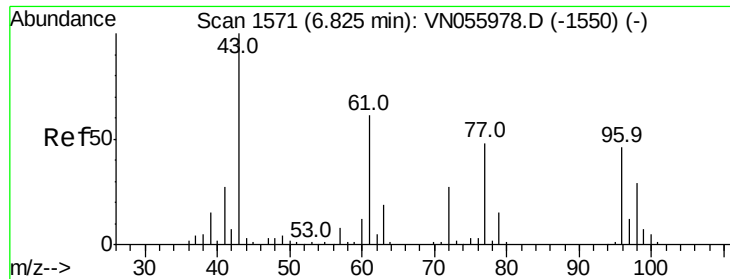
200000

100000

0

Time--> 2.10 2.20 2.30





#27

cis-1,2-Dichloroethene

Concen: 31.198 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056109.D

Acq: 7 Jun 2019 19:45

Instrument :

MSVOA_N

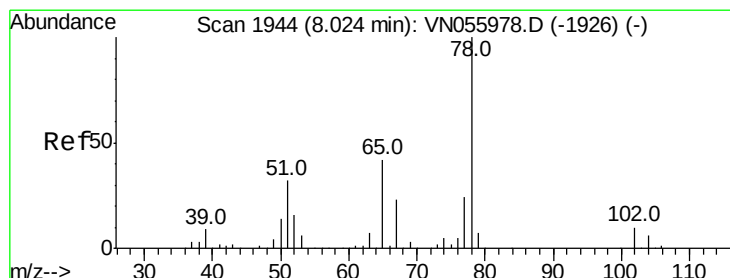
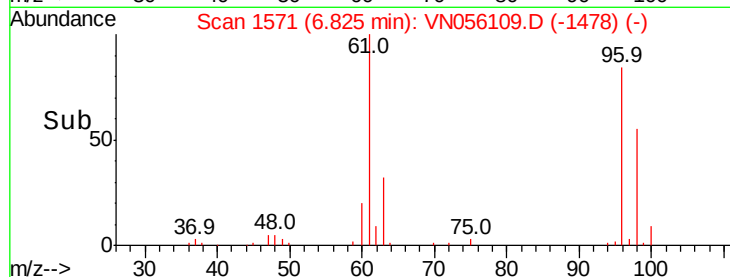
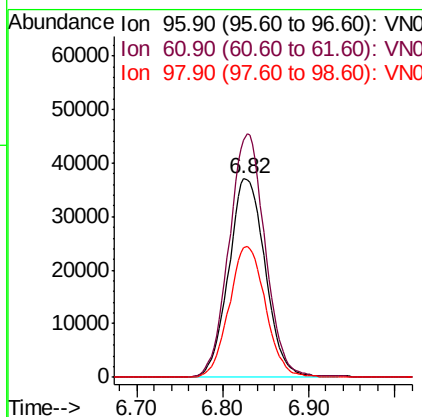
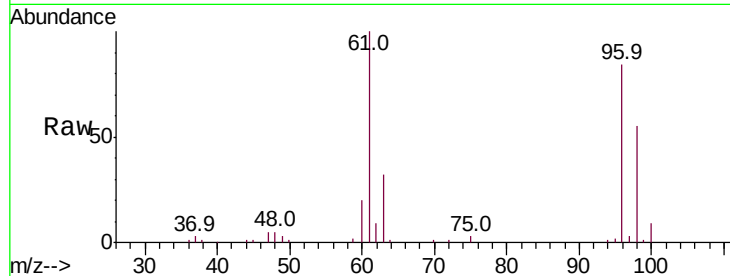
ClientSampleId :

SS043MW100-190604

Tot Ion:	96	Resp:	110155
Ion	Ratio	Lower	Upper
96	100		
61	120.6	0.0	275.8
98	65.3	0.0	128.4

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#33

1,2-Dichloroethane-d4

Concen: 52.619 ug/l

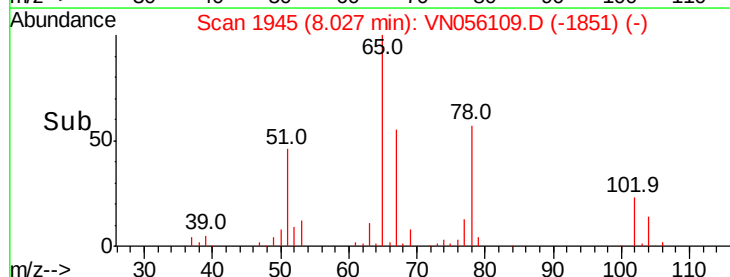
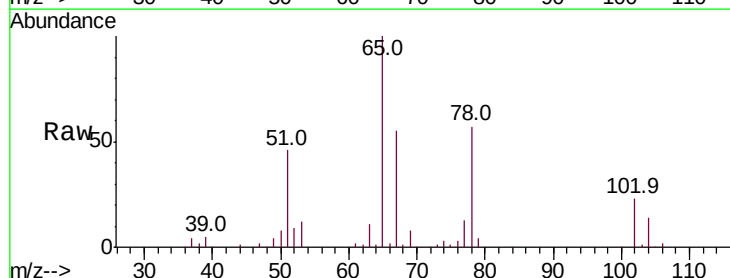
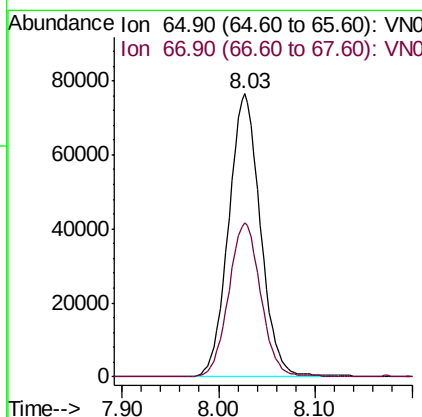
RT: 8.03 min Scan# 1945

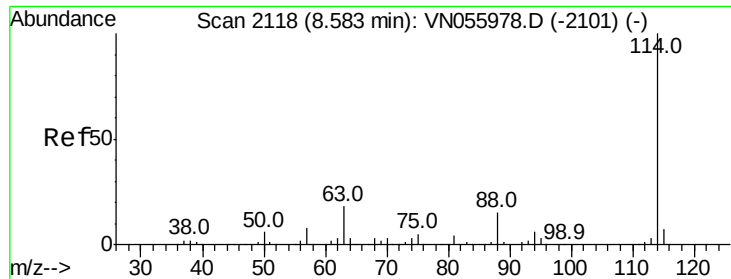
Delta R.T. 0.00 min

Lab File: VN056109.D

Acq: 7 Jun 2019 19:45

Tgt Ion:	65	Resp:	174475
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.2





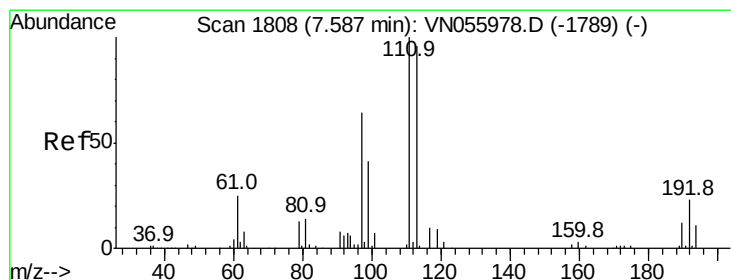
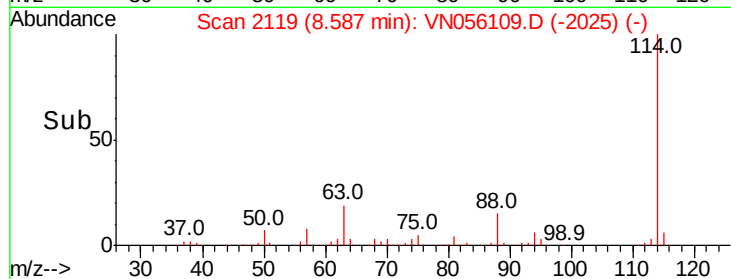
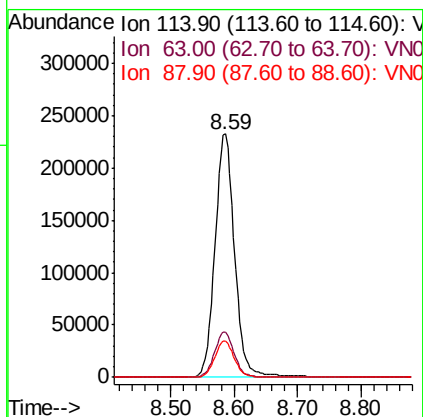
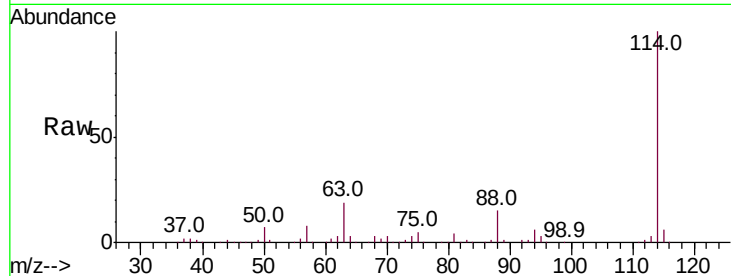
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056109.D
Acq: 7 Jun 2019 19:45

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
114	100	498224		
63	18.5	0.0	39.2	
88	14.8	0.0	31.0	

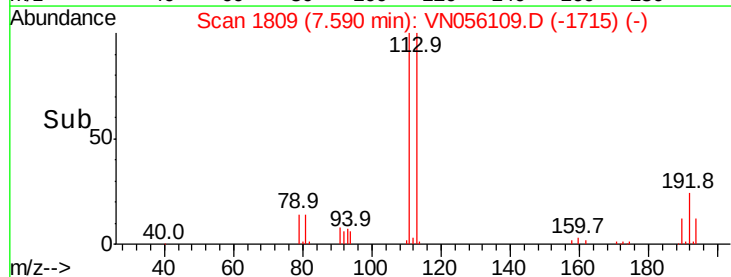
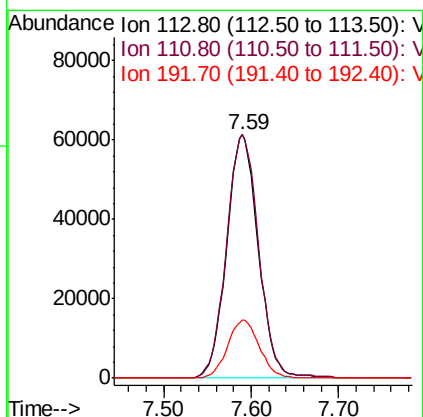
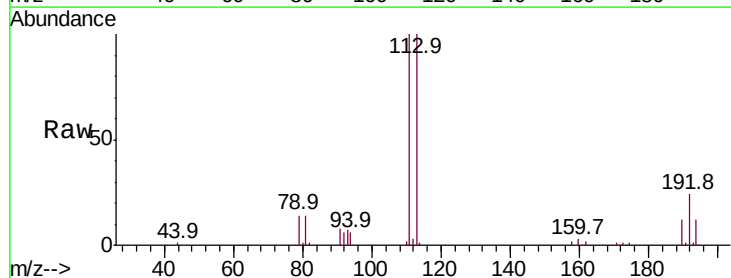
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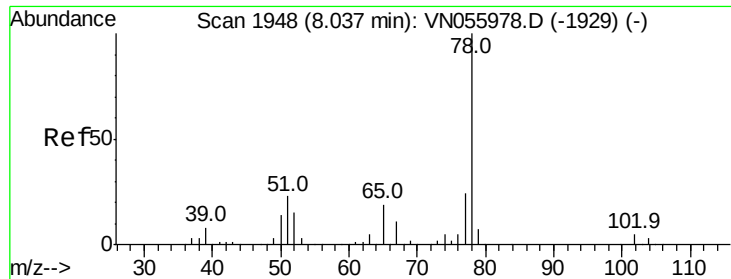
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#35
Dibromofluoromethane
Concen: 50.350 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056109.D
Acq: 7 Jun 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	153909		
111	102.1	81.9	122.9	
192	23.7	19.5	29.3	





#40

Benzene

Concen: 11.456 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056109.D

Acq: 7 Jun 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-190604

Tot Ion: 78 Resp: 149060

Ion Ratio Lower Upper

78 100

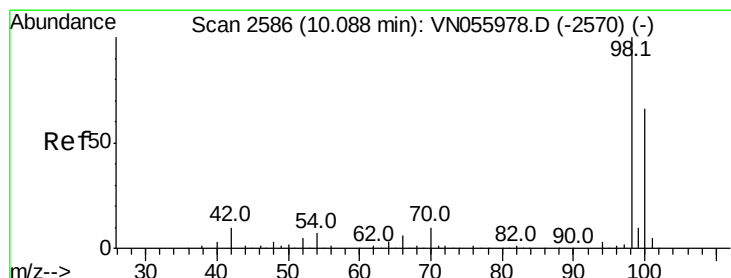
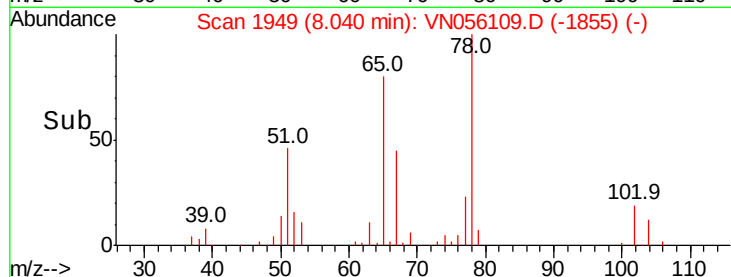
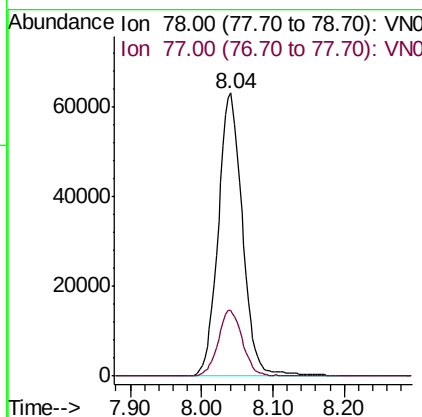
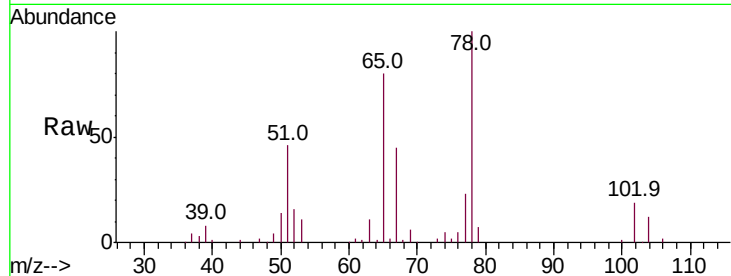
77 23.3 18.8 28.2

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#50

Toluene-d8

Concen: 54.343 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056109.D

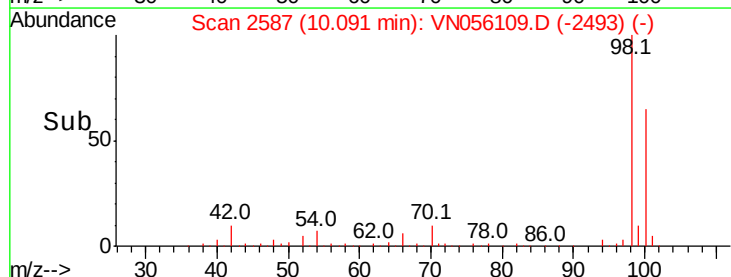
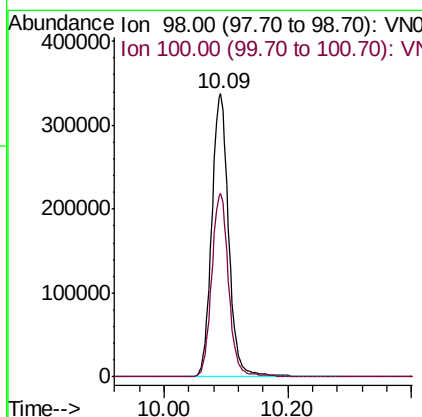
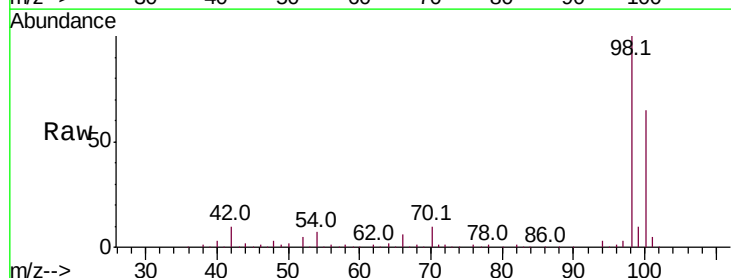
Acq: 7 Jun 2019 19:45

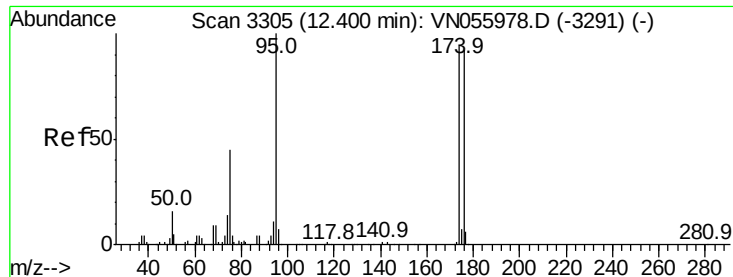
Tgt Ion: 98 Resp: 639213

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 51.604 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056109.D

Acq: 7 Jun 2019 19:45

Instrument :

MSVOA_N

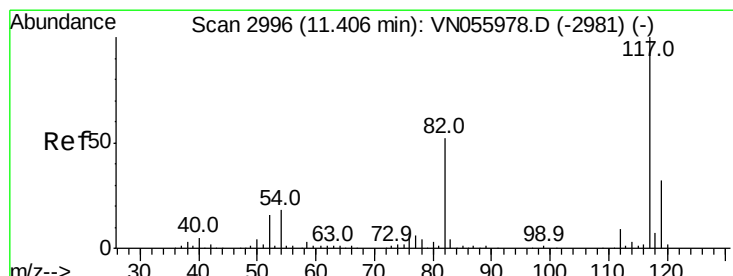
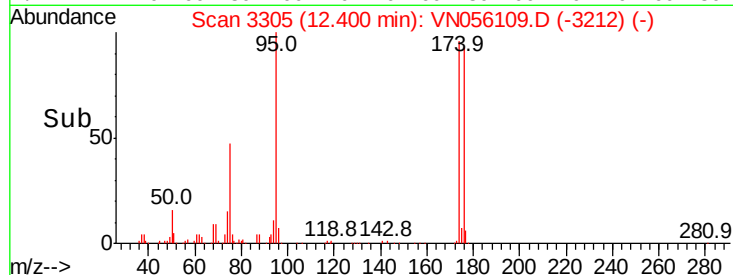
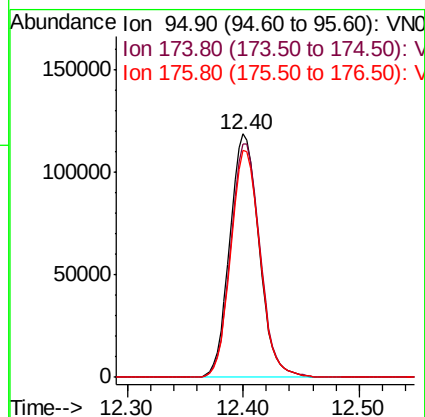
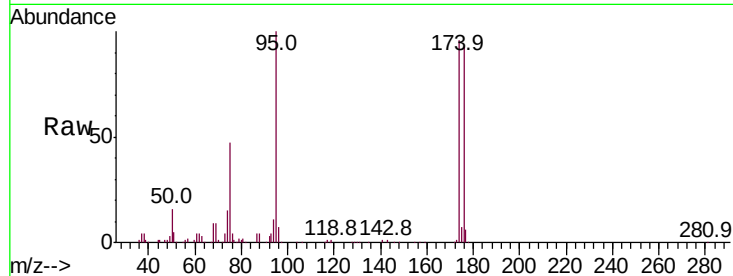
ClientSampleId :

SS043MW100-190604

Tot Ion:	95	Resp:	206421
Ion Ratio	Lower	Upper	
95	100		
174	96.4	0.0	191.0
176	93.2	0.0	185.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

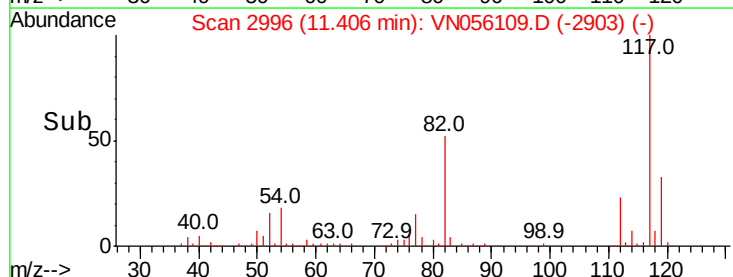
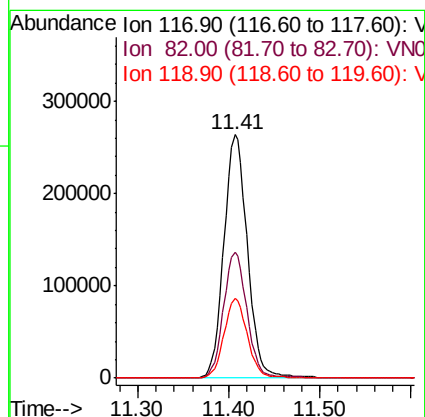
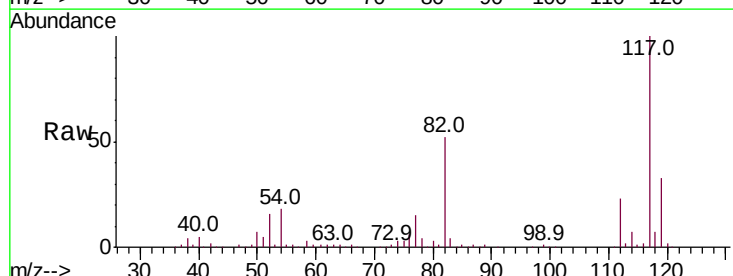
RT: 11.41 min Scan# 2996

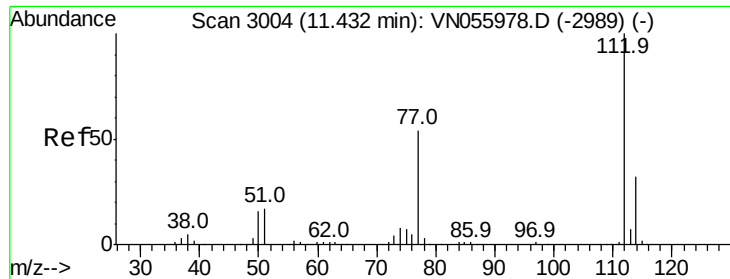
Delta R.T. -0.00 min

Lab File: VN056109.D

Acq: 7 Jun 2019 19:45

Tgt Ion:	117	Resp:	475864
Ion Ratio	Lower	Upper	
117	100		
82	51.7	41.8	62.8
119	32.6	25.4	38.0





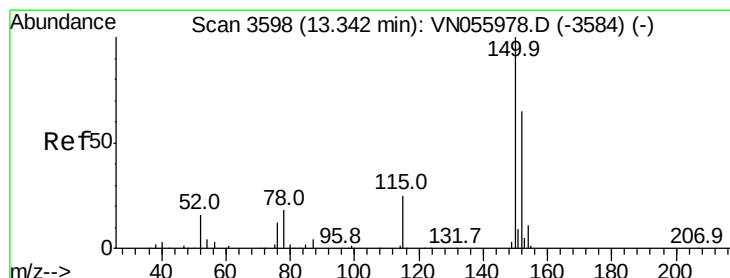
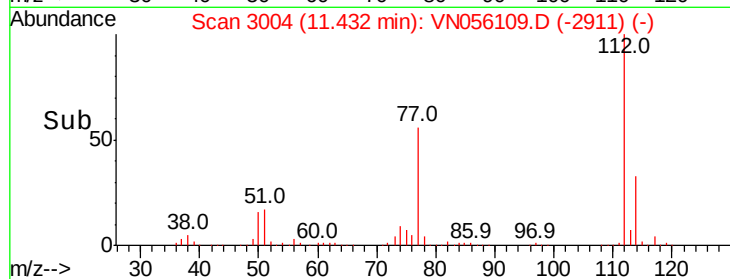
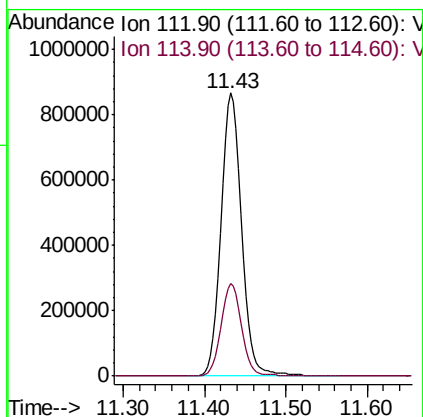
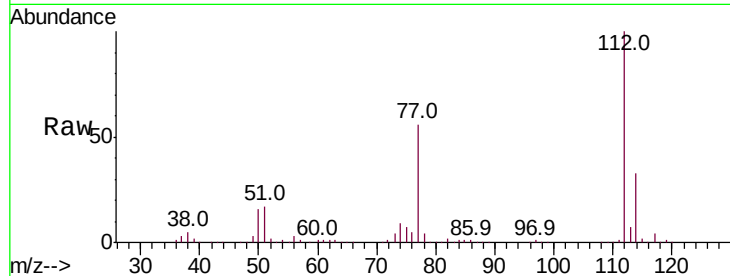
#65
Chlorobenzene
Concen: 164.390 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056109.D
Acq: 7 Jun 2019 19:45

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:112 Resp: 1556885
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4

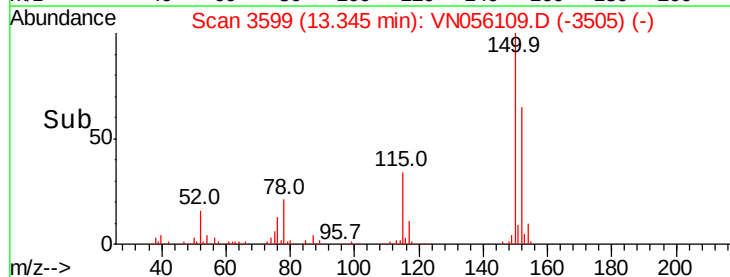
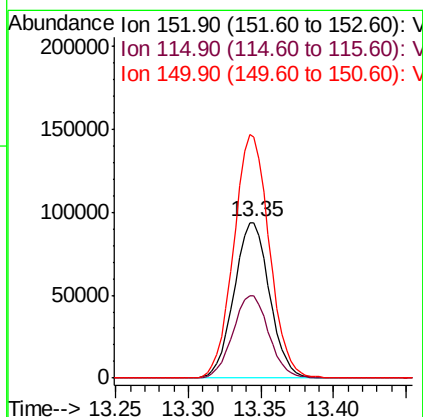
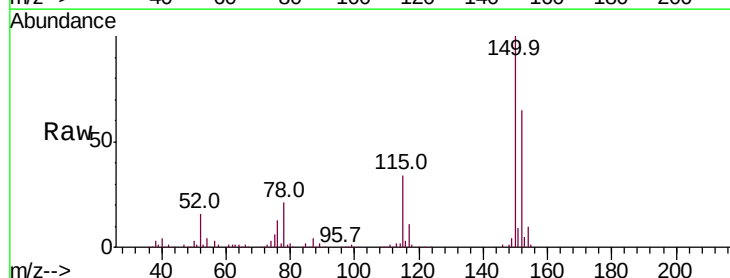
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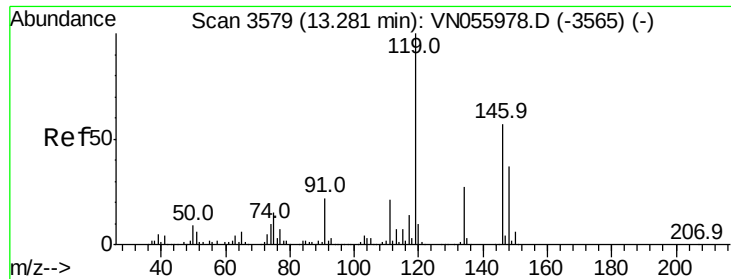
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056109.D
Acq: 7 Jun 2019 19:45

Tgt Ion:152 Resp: 160057
Ion Ratio Lower Upper
152 100
115 53.3 27.0 81.0
150 156.4 0.0 343.2





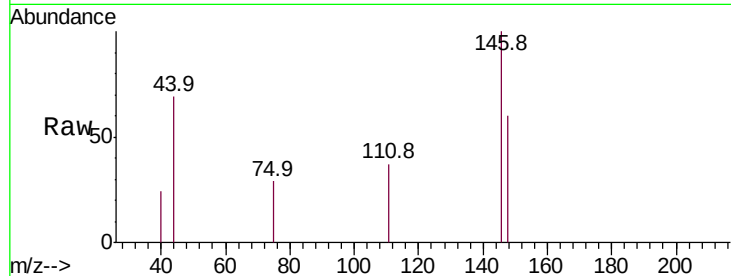
#87
 1,3-Dichlorobenzene
 Concen: 0.253 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056109.D
 Acq: 7 Jun 2019 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-190604

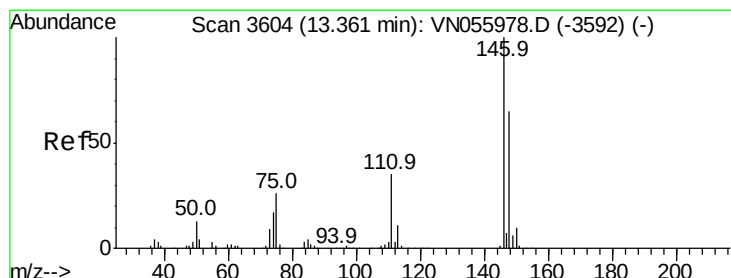
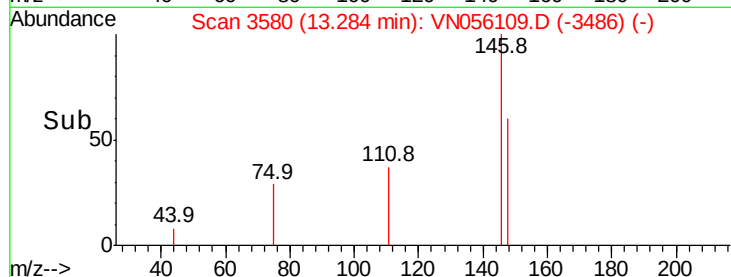
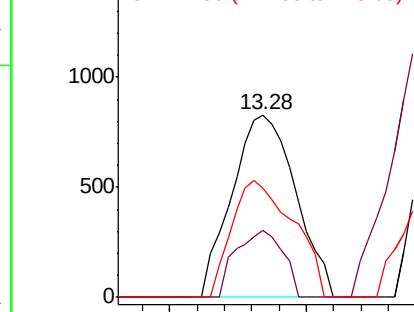
Tot Ion	Ratio	Lower	Upper
146	100		
111	27.2	18.5	55.5
148	62.2	32.0	96.2

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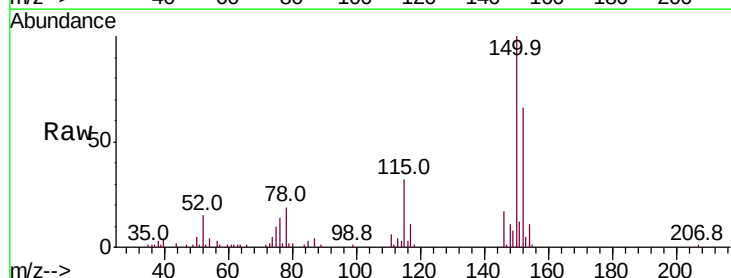


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

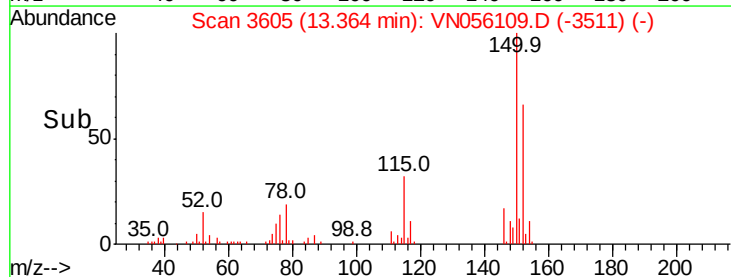
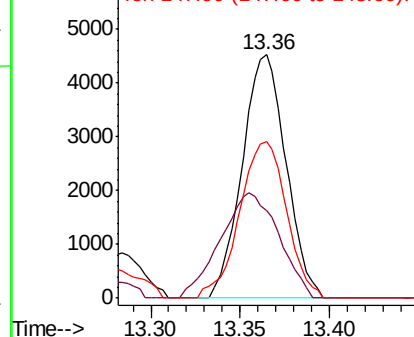


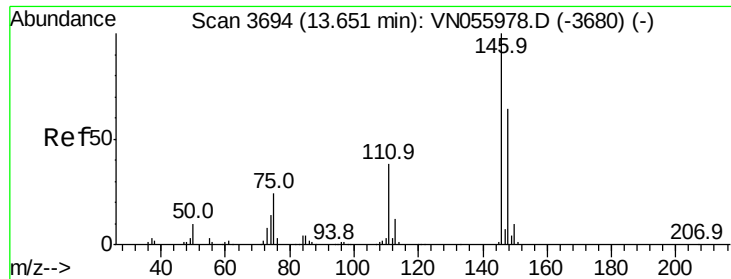
#88
 1,4-Dichlorobenzene
 Concen: 1.507 ug/l m
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056109.D
 Acq: 7 Jun 2019 19:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	4.7	18.1	54.4#
148	10.9	32.1	96.5#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#91
 1,2-Dichlorobenzene
 Concen: 3.024 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056109.D
 Acq: 7 Jun 2019 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-190604

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	19.1	57.5
148	61.8	31.9	95.9

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 11:26:38 AM

