

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062137.D
 Acq On : 26 Jun 2020 14:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

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 6/29/2020 12:35:34 PM

Quant Time: Jun 27 04:26:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	153136	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	7.55	113	131793	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.06	98	522038	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.38	95	170826	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	2054m	0.611	ug/l	Qvalue
44) Trichloroethene	8.80	130	20370	6.293	ug/l	94

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

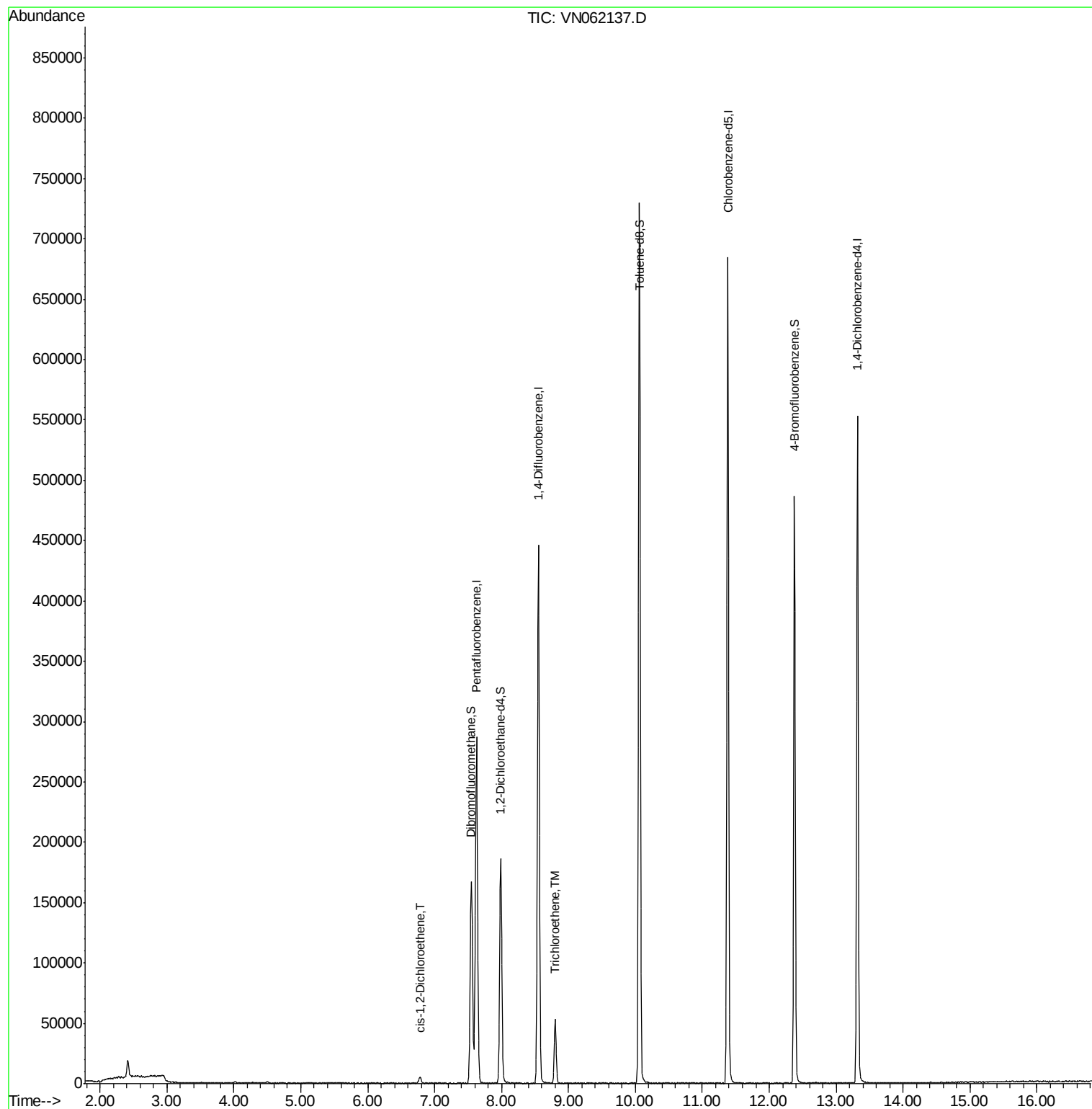
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062137.D
Acq On : 26 Jun 2020 14:12
Operator : JC/MD
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MSVOA_N
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IBLK

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Quant Time: Jun 27 04:26:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062137.D

Acq: 26 Jun 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

IBLK

Tot Ion:168 Resp: 228221

Ion Ratio Lower Upper

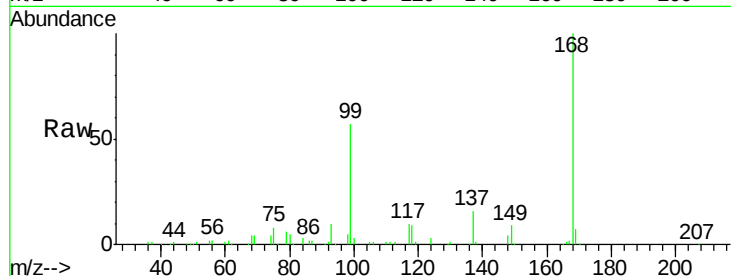
168 100

99 57.4 45.8 68.8

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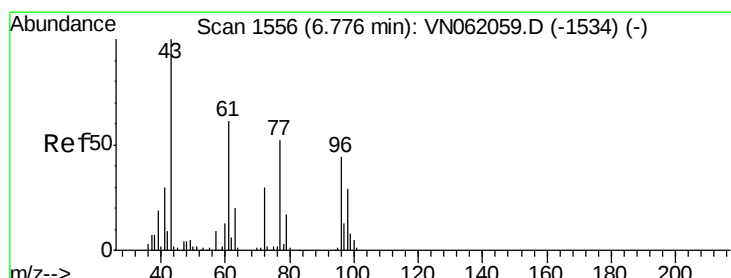
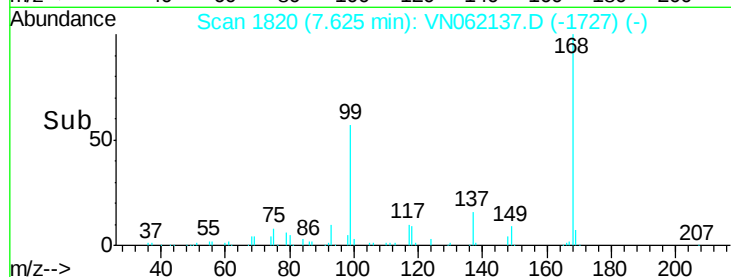
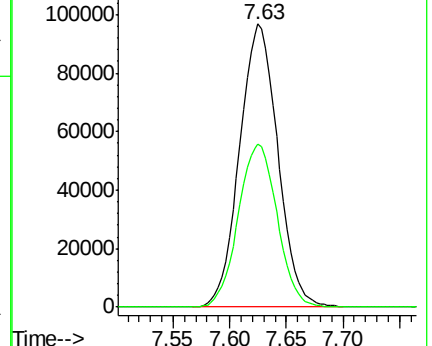
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.611 ug/l m

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062137.D

Acq: 26 Jun 2020 14:12

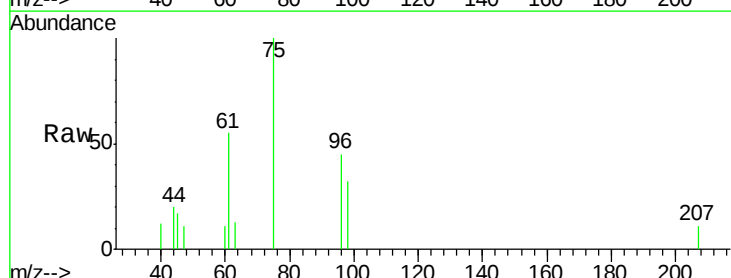
Tgt Ion: 96 Resp: 2054

Ion Ratio Lower Upper

96 100

61 118.4 0.0 280.4

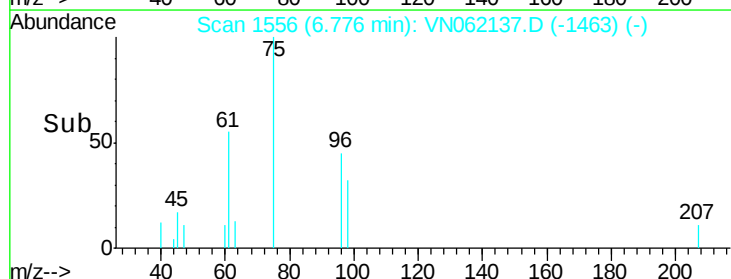
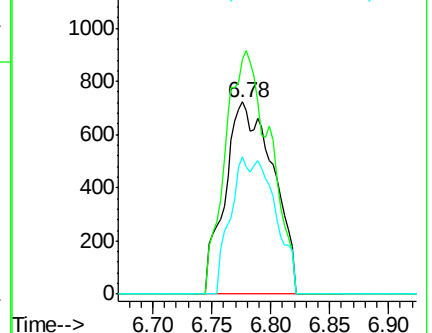
98 30.6 0.0 129.4

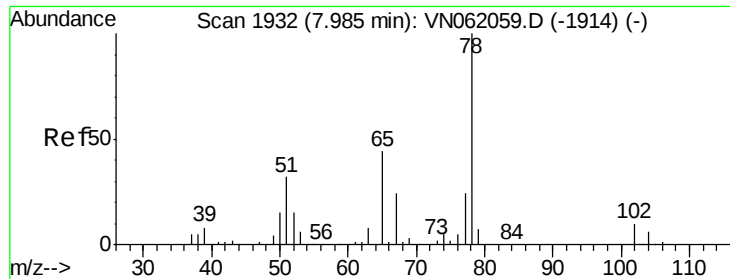


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.815 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062137.D

Acq: 26 Jun 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

IBLK

Tot Ion: 65 Resp: 153136

Ion Ratio Lower Upper

65 100

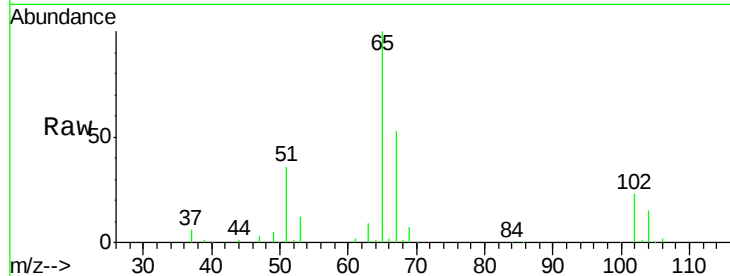
67 52.9 0.0 106.2

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Abundance Ion 64.90 (64.60 to 65.60): VN062137.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062137.D (-1839) (-)

7.99

60000

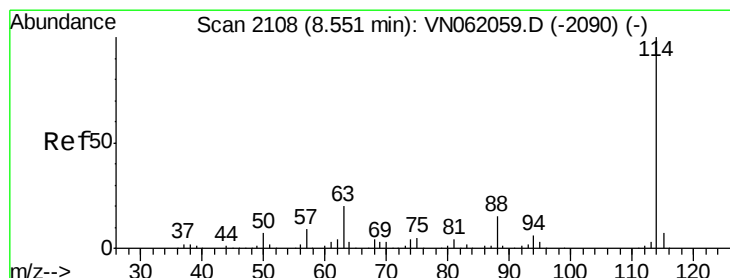
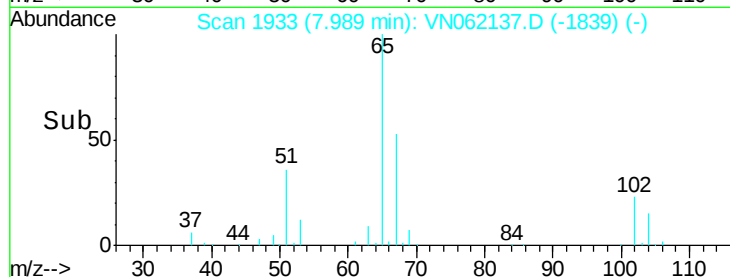
40000

20000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062137.D

Acq: 26 Jun 2020 14:12

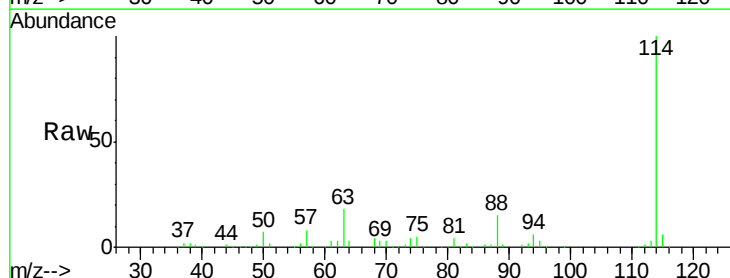
Tgt Ion:114 Resp: 418818

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062137.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062137.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062137.D (-2015) (-)

8.55

250000

200000

150000

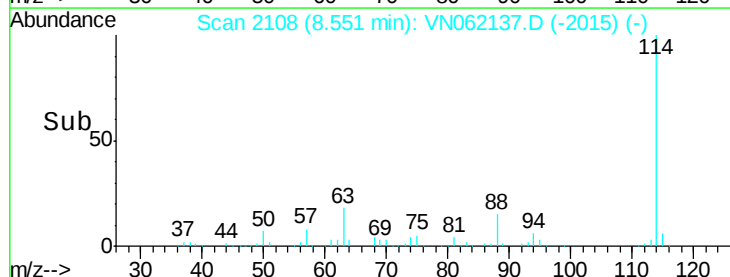
100000

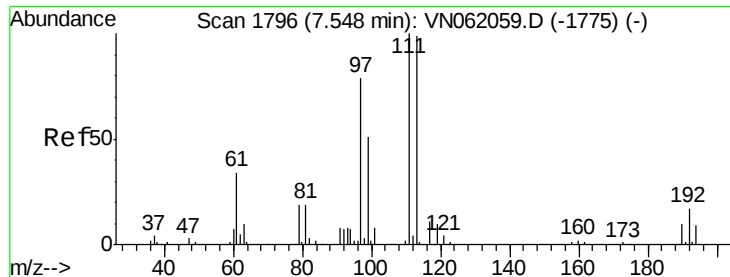
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->





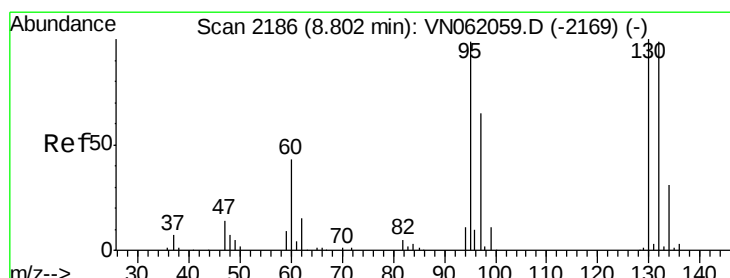
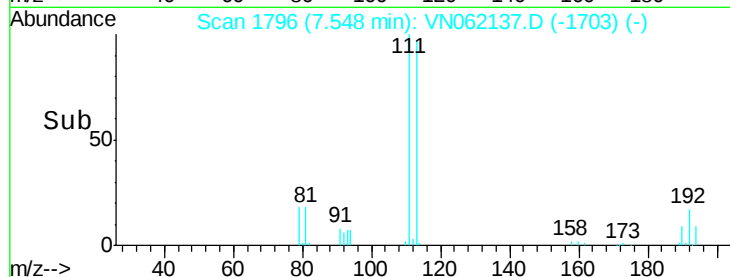
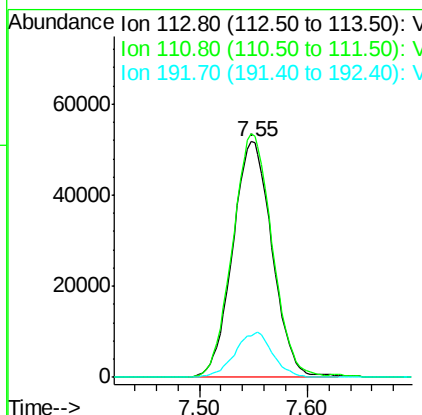
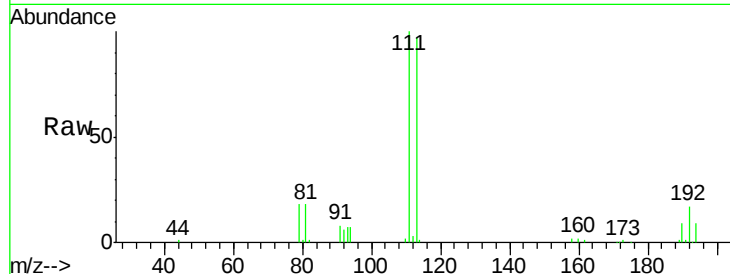
#35
 Dibromofluoromethane
 Concen: 49.050 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062137.D
 Acq: 26 Jun 2020 14:12

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131793		
111	103.6	82.2	123.4	
192	18.3	14.0	21.0	

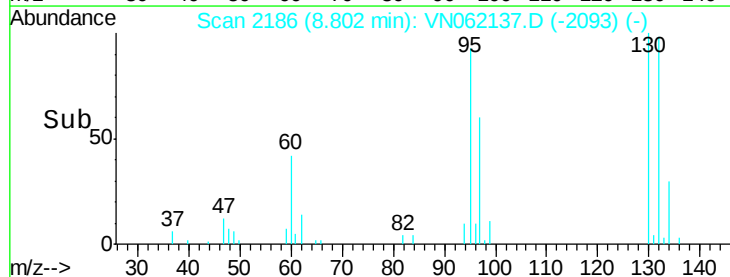
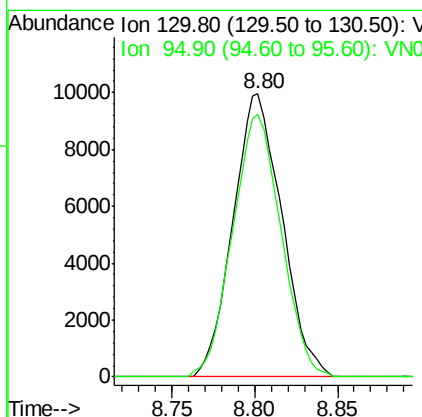
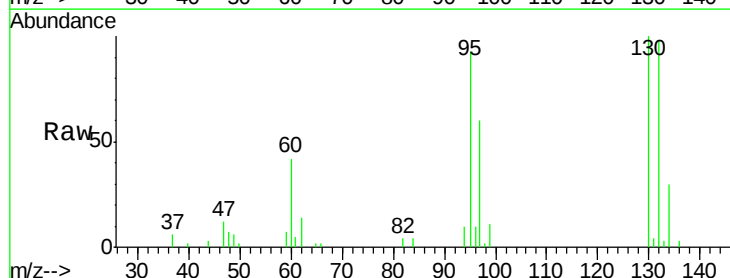
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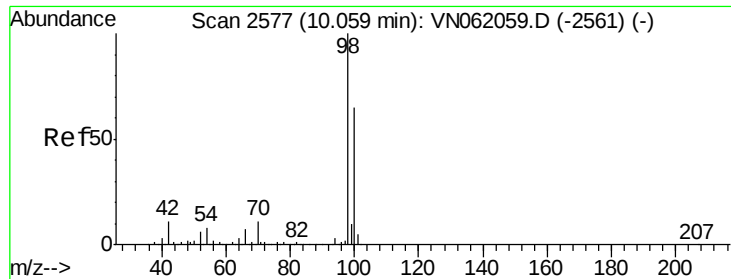
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#44
 Trichloroethene
 Concen: 6.293 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062137.D
 Acq: 26 Jun 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	20370		
95	92.9	0.0	197.8	





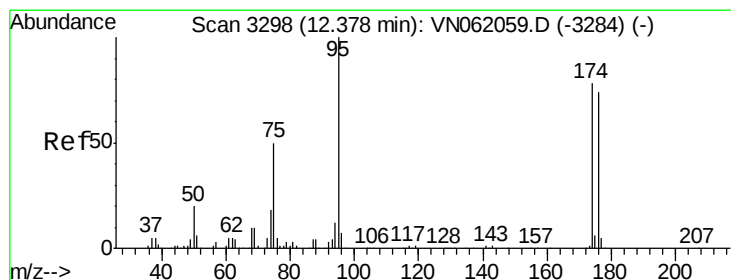
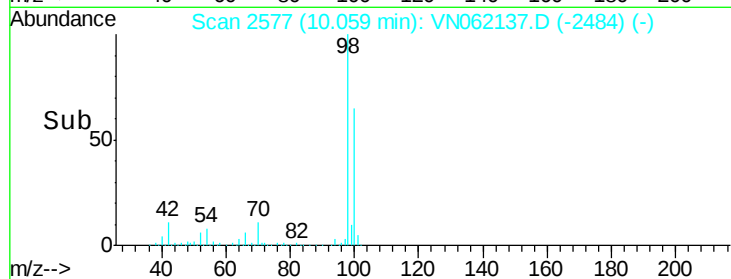
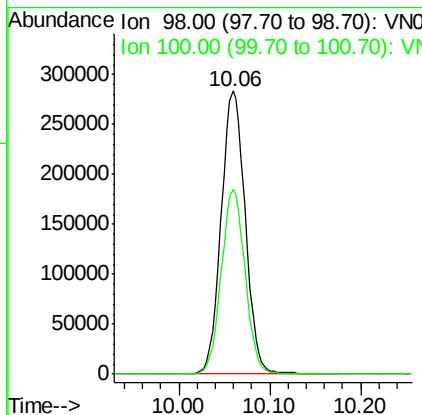
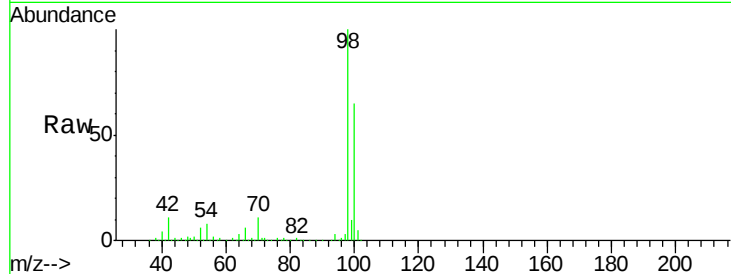
#50
Toluene-d8
Concen: 48.605 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062137.D
Acq: 26 Jun 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	64.5	51.2	76.8	

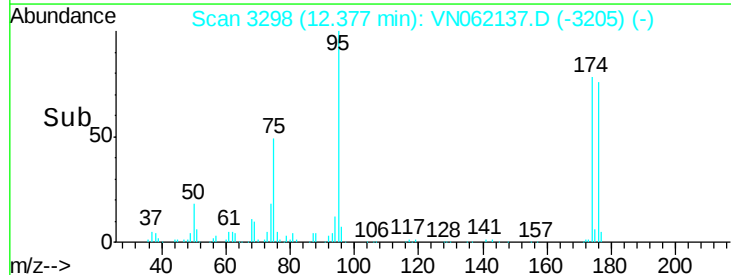
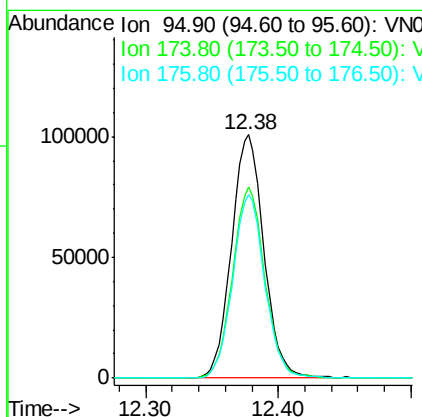
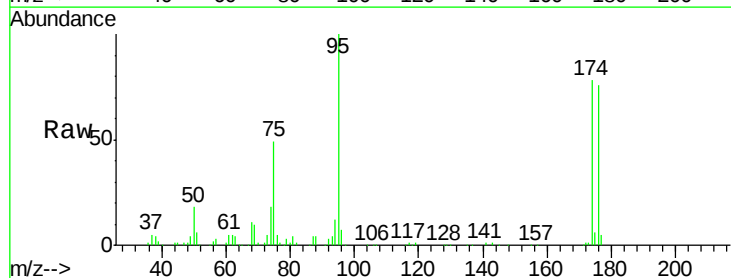
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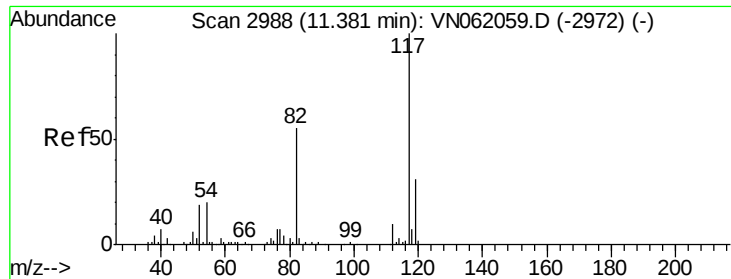
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#62
4-Bromofluorobenzene
Concen: 47.076 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062137.D
Acq: 26 Jun 2020 14:12

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	78.1	0.0	154.8	
176	74.7	0.0	147.4	





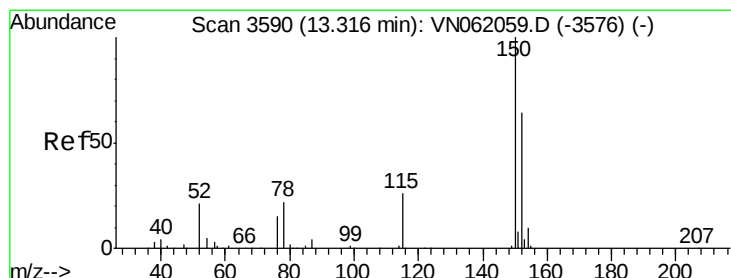
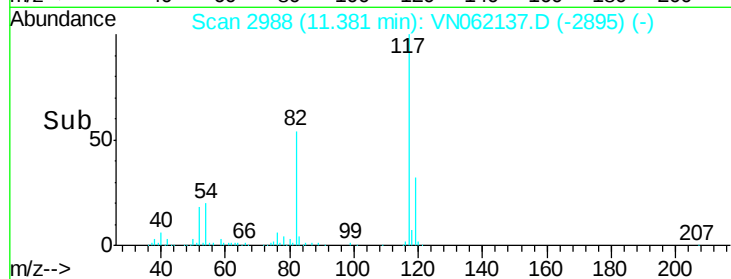
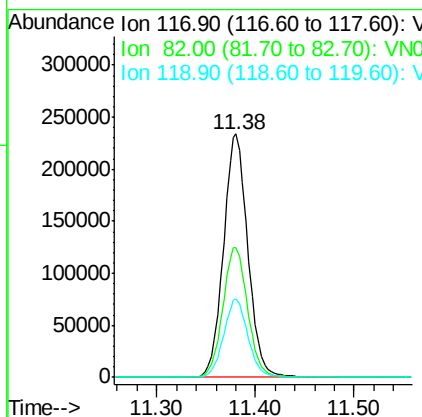
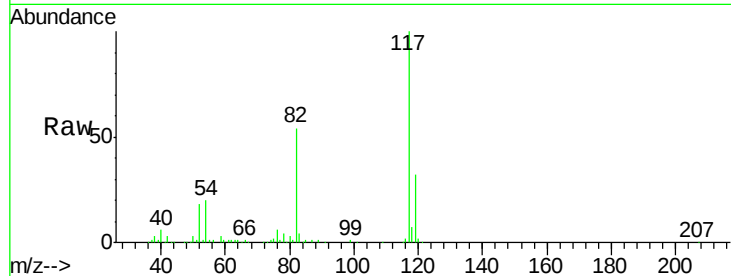
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062137.D
Acq: 26 Jun 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion	Ratio	Resp	Lower	Upper
117	100	404405		
82	53.5		43.8	65.8
119	32.2		25.2	37.8

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062137.D
Acq: 26 Jun 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	151676		
115	59.4		29.5	88.5
150	157.6		0.0	351.4

