

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063627.D
 Acq On : 24 Sep 2020 14:40
 Operator : JC/MD
 Sample : L4083-01DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20200916DL

Manual Integrations
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 9/28/2020 5:16:12 PM

Quant Time: Sep 25 04:03:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	199853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	169604	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
35) Dibromofluoromethane	7.55	113	124438	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	10.06	98	488200	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.38	95	190544	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	4102	1.842	ug/l #	91
12) 1,1-Dichloroethene	3.71	96	2521m	1.118	ug/l	
44) Trichloroethene	8.80	130	175927	63.140	ug/l	99
64) Tetrachloroethene	10.60	164	899	0.345	ug/l #	74

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

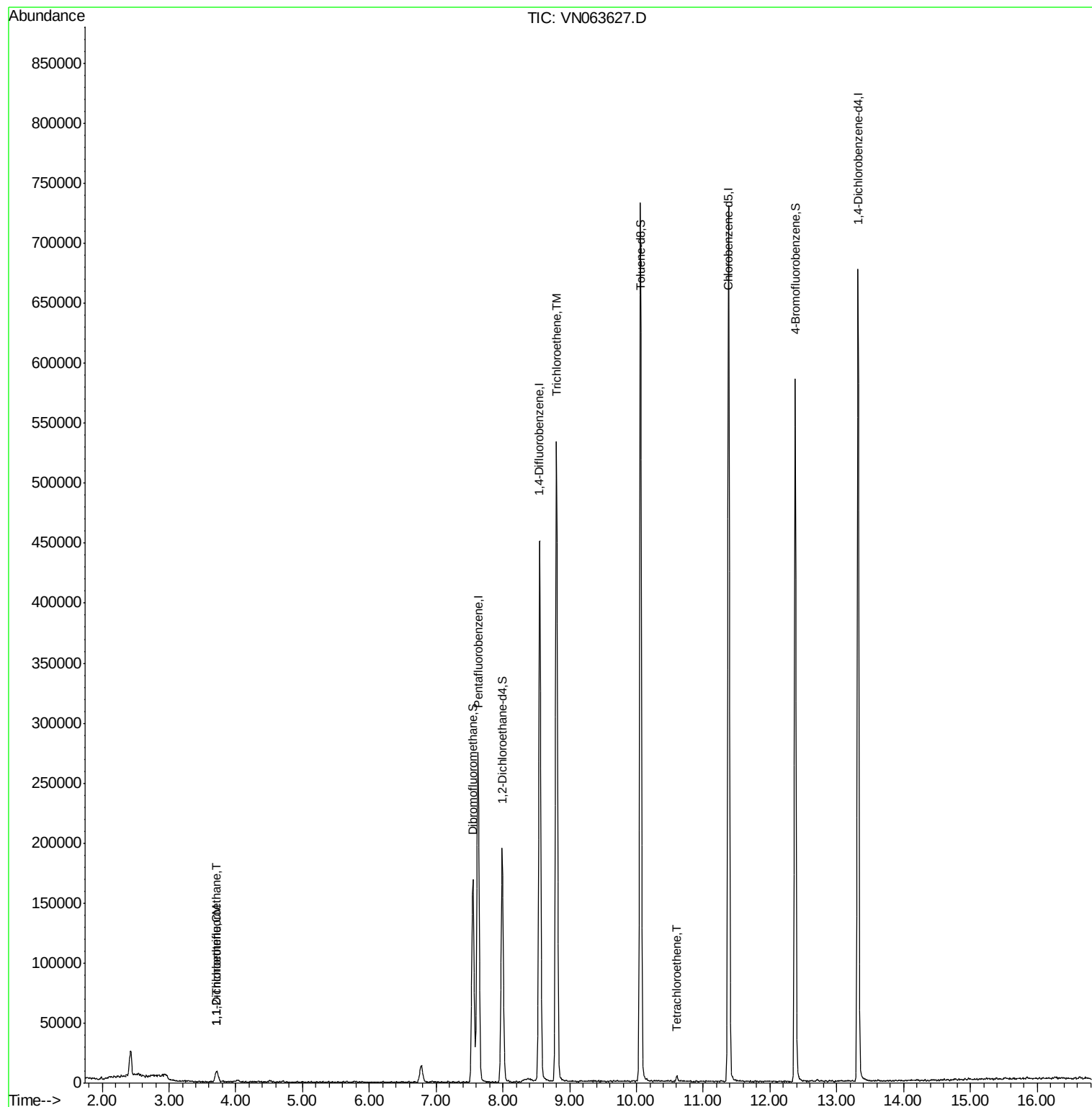
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063627.D
Acq On : 24 Sep 2020 14:40
Operator : JC/MD
Sample : L4083-01DL 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

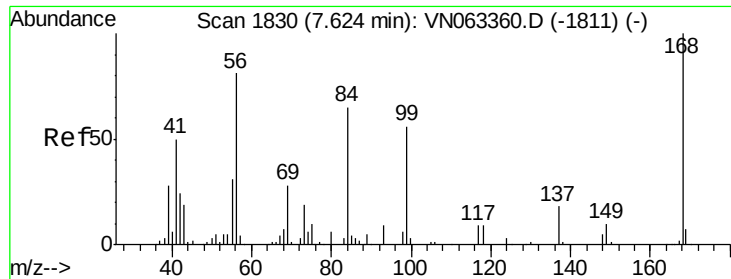
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20200916DL

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Quant Time: Sep 25 04:03:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063627.D

Acq: 24 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20200916DL

Tot Ion:168 Resp: 199853

Ion Ratio Lower Upper

168 100

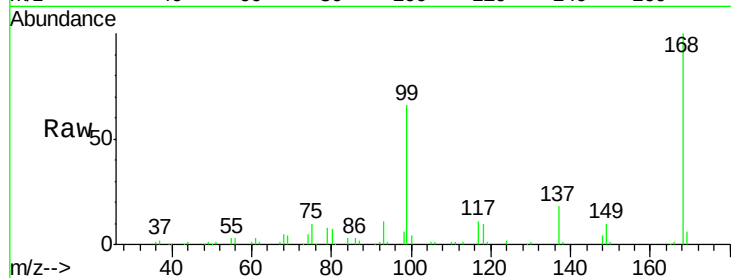
99 65.5 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

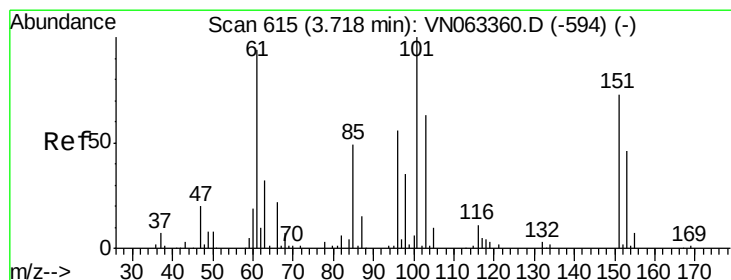
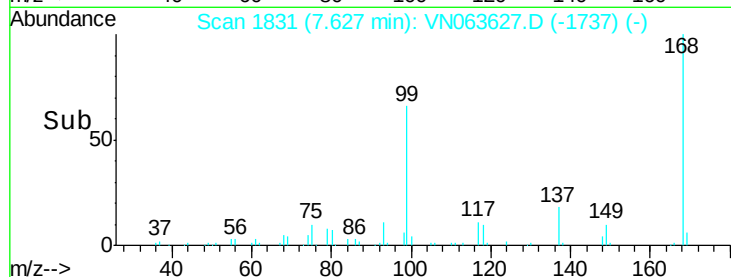
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.842 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063627.D

Acq: 24 Sep 2020 14:40

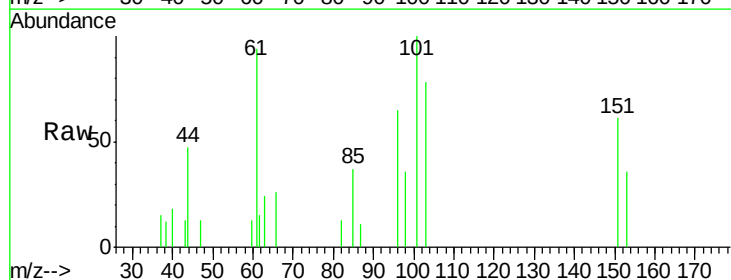
Tgt Ion:101 Resp: 4102

Ion Ratio Lower Upper

101 100

85 37.6 37.7 56.5#

151 67.0 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.71

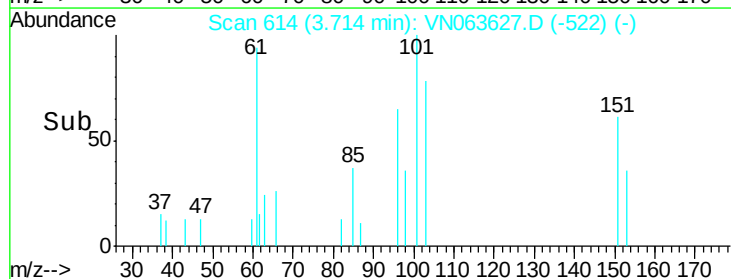
1500

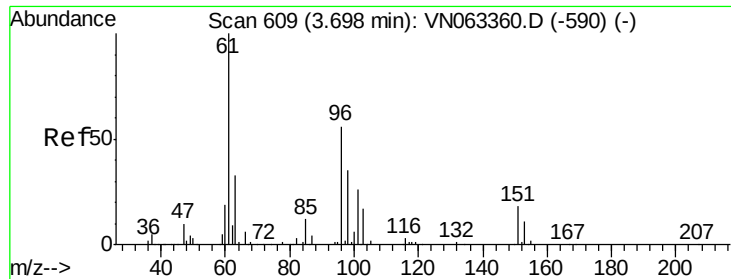
1000

500

0

Time--> 3.65 3.70 3.75 3.80





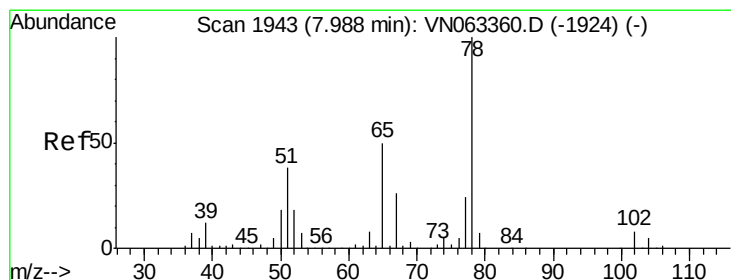
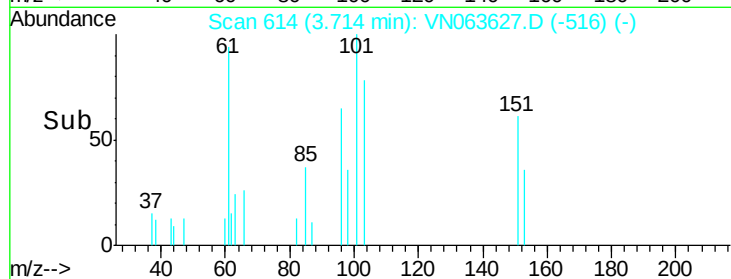
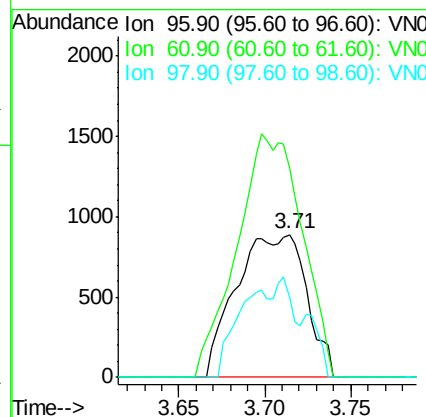
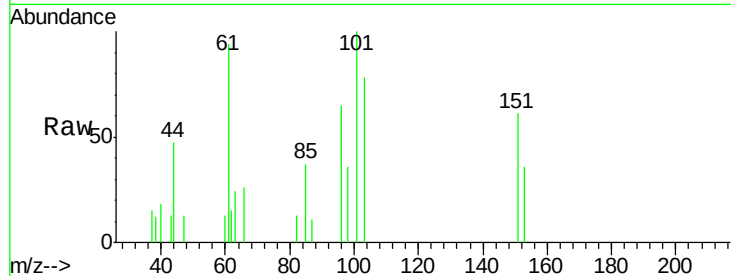
#12
 1,1-Dichloroethene
 Concen: 1.118 ug/l m
 RT: 3.71 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VN063627.D
 Acq: 24 Sep 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20200916DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	143.4	215.2
98	56.2	50.6	76.0

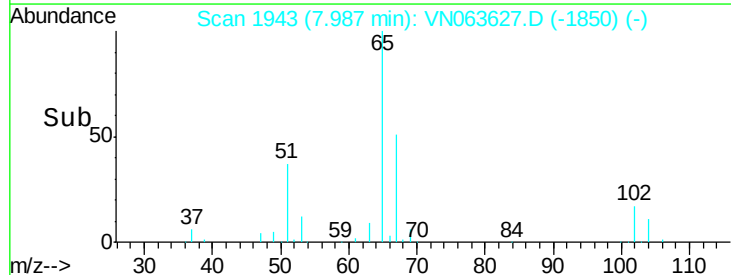
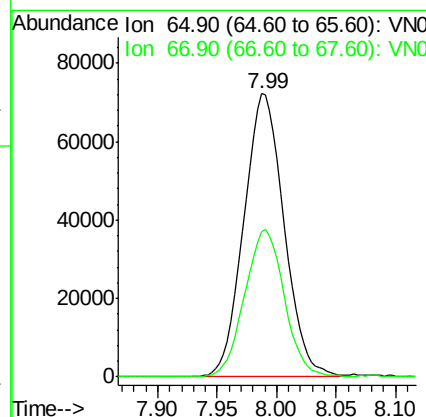
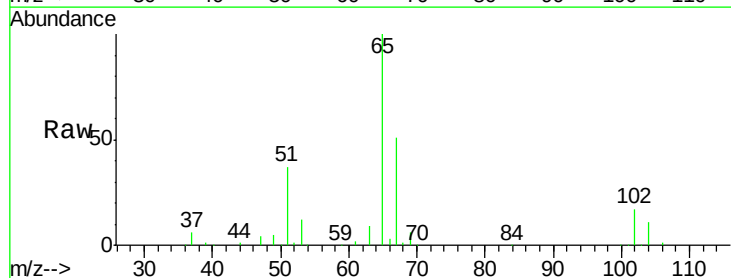
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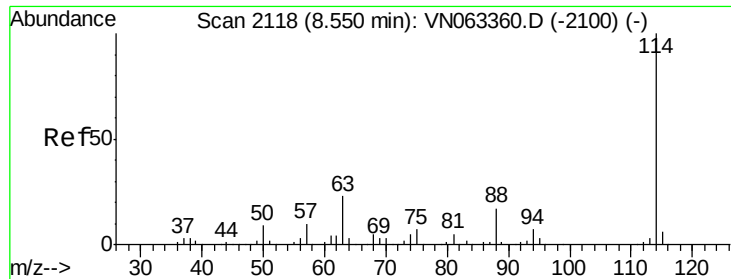
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#33
 1,2-Dichloroethane-d4
 Concen: 49.854 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063627.D
 Acq: 24 Sep 2020 14:40

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.2





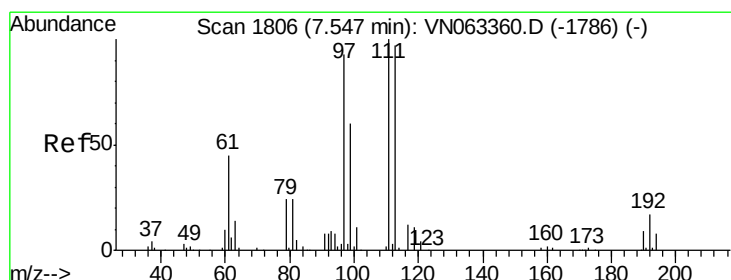
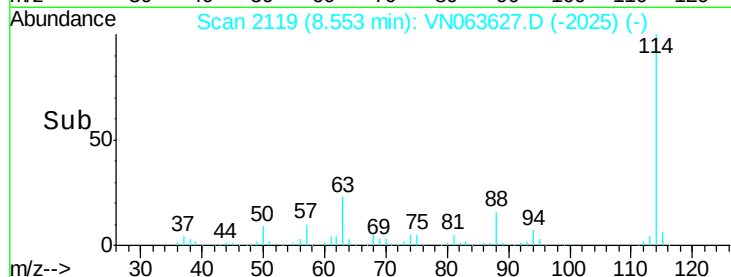
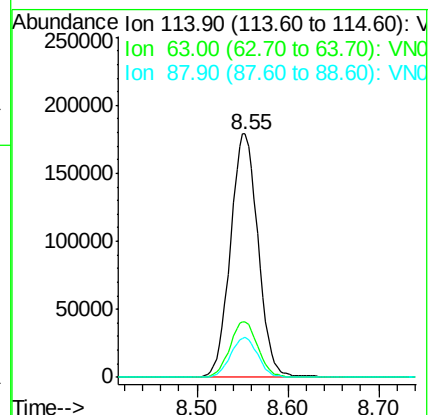
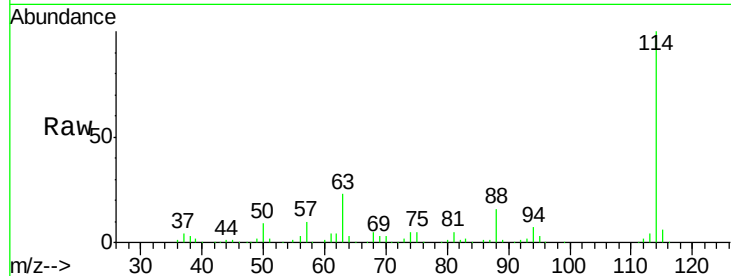
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063627.D
 Acq: 24 Sep 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20200916DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	377734		
63	22.6	0.0	46.4	
88	16.2	0.0	33.2	

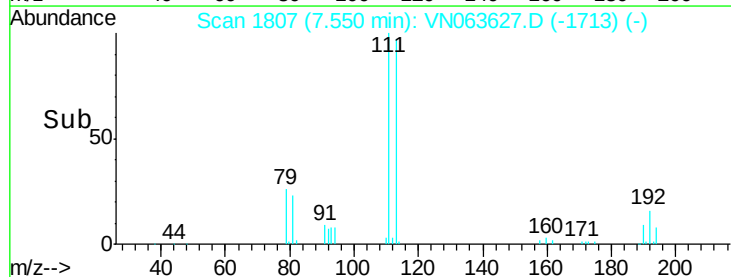
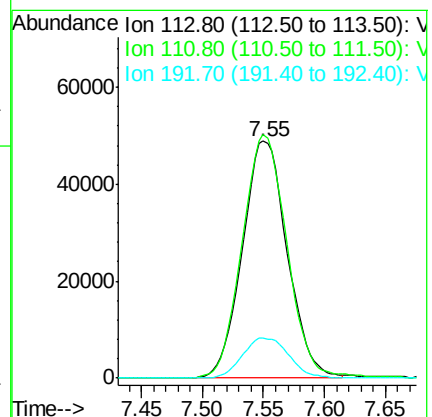
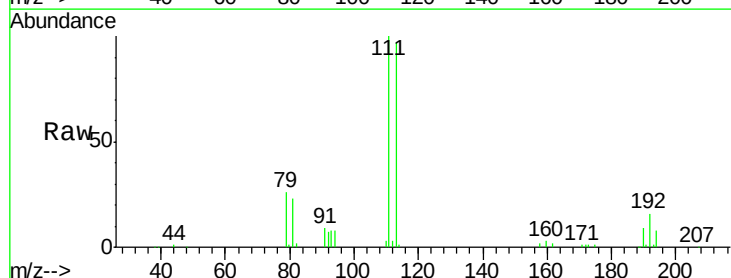
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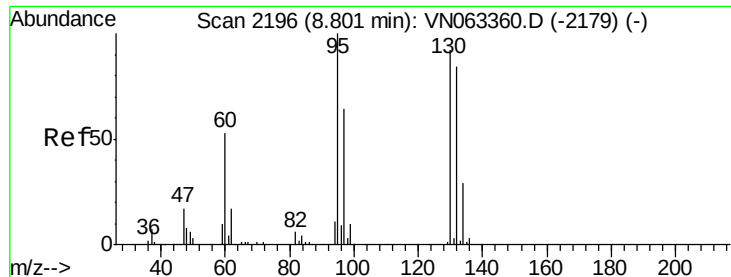
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#35
 Dibromofluoromethane
 Concen: 47.587 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063627.D
 Acq: 24 Sep 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	124438		
111	103.1	82.9	124.3	
192	17.5	13.9	20.9	





#44

Trichloroethene

Concen: 63.140 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063627.D

Acq: 24 Sep 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20200916DL

Tot Ion:130 Resp: 175927

Ion Ratio Lower Upper

130 100

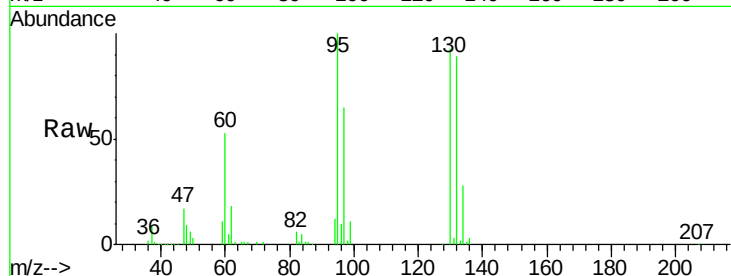
95 107.4 0.0 217.4

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.80

100000

80000

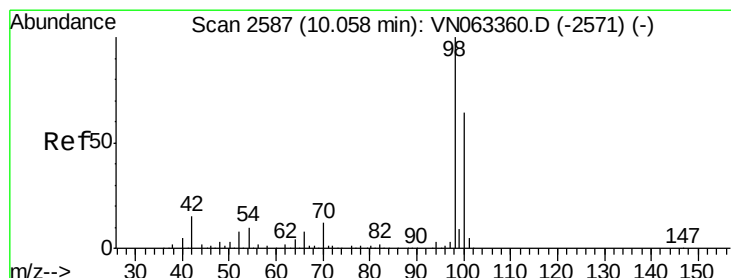
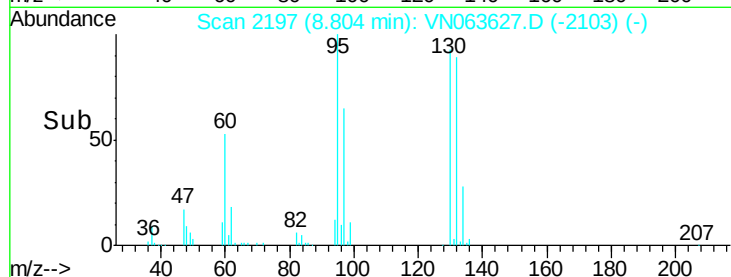
60000

40000

20000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 49.650 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063627.D

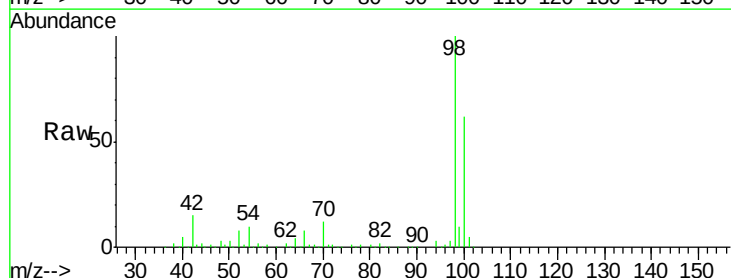
Acq: 24 Sep 2020 14:40

Tgt Ion: 98 Resp: 488200

Ion Ratio Lower Upper

98 100

100 62.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

10.06

300000

250000

200000

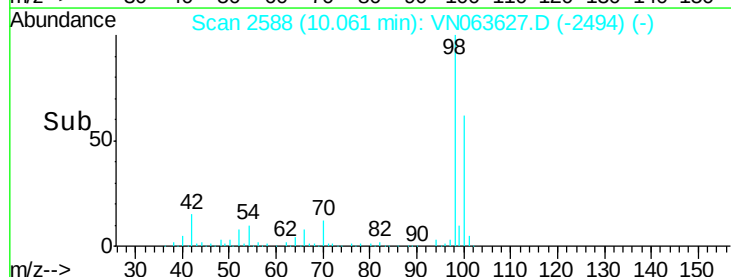
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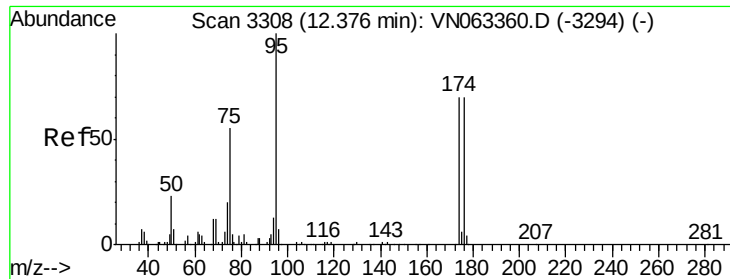
100000

50000

0

Time--> 10.00 10.10 10.20





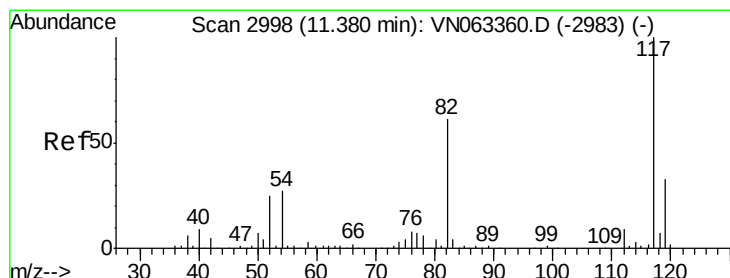
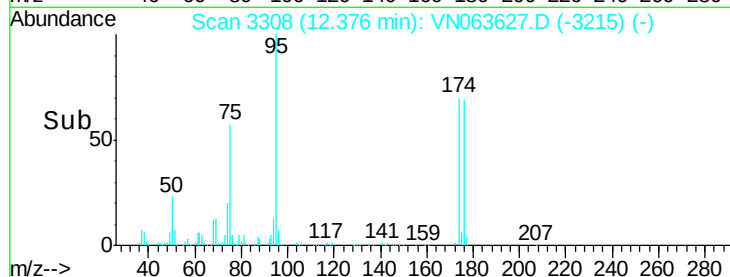
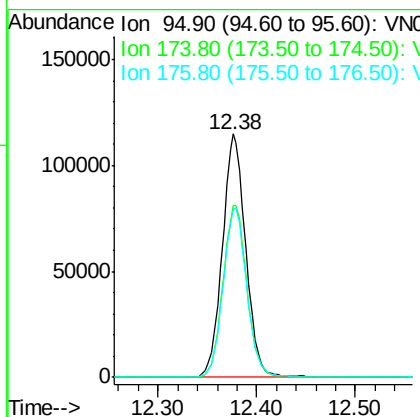
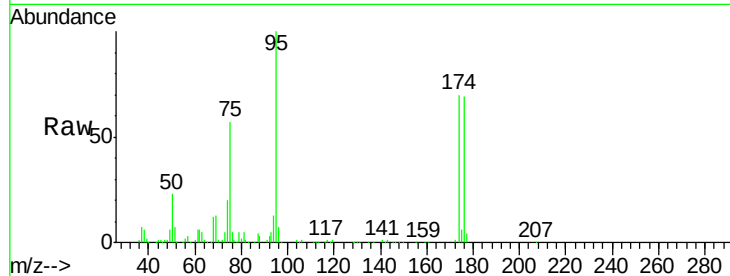
#62
4-Bromofluorobenzene
Concen: 52.863 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063627.D
Acq: 24 Sep 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20200916DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	190544		
174	72.2	0.0	140.8	
176	70.5	0.0	137.6	

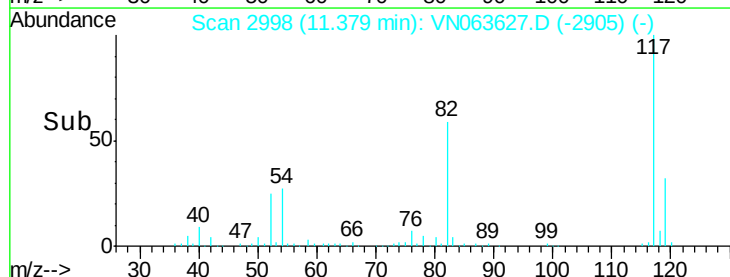
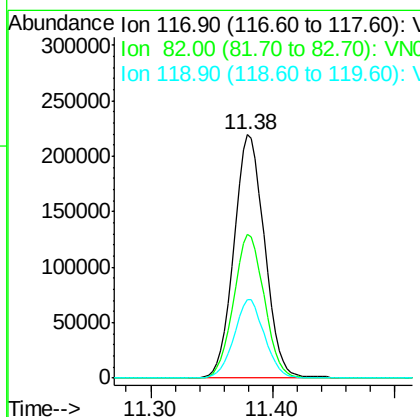
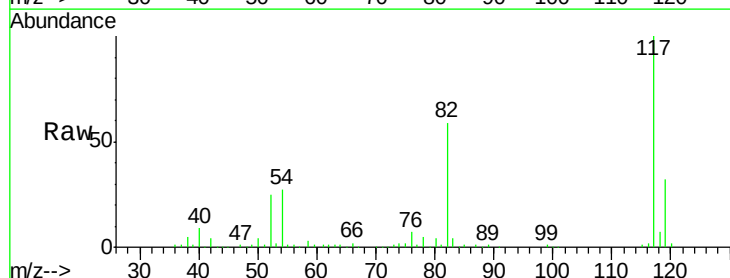
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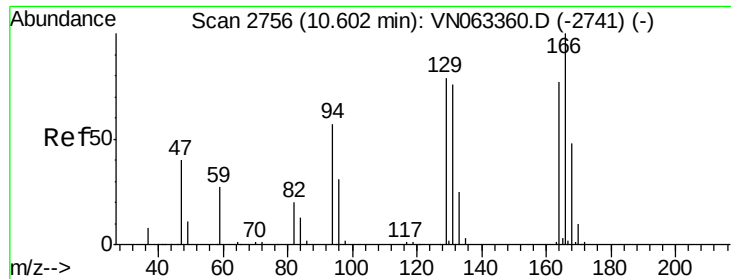
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063627.D
Acq: 24 Sep 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	382265		
82	58.9	49.2	73.8	
119	32.4	26.2	39.4	





#64

Tetrachloroethene

Concen: 0.345 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063627.D

Acq: 24 Sep 2020 14:40

Instrument :

MSVOA_N

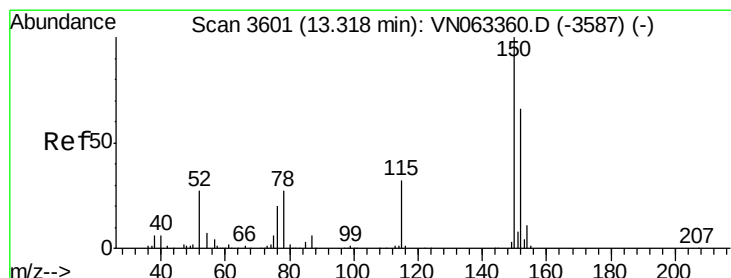
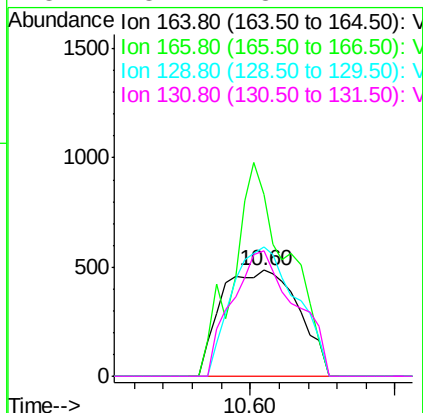
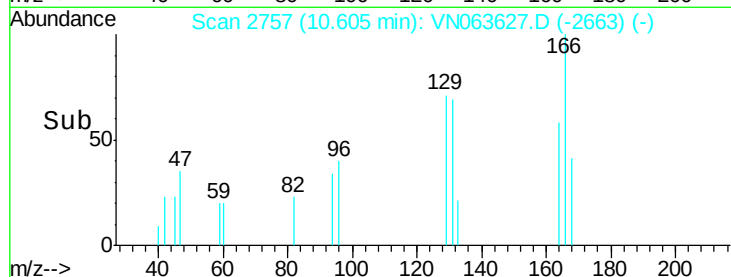
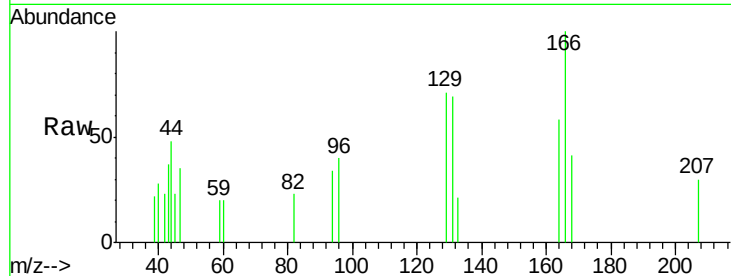
ClientSampleId :

RE120D1-20200916DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	171.1	103.4	155.0#
129	122.1	81.8	122.6
131	118.1	78.2	117.4#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063627.D

Acq: 24 Sep 2020 14:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.2	96.6
150	158.9	0.0	343.4

