

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064769.D
 Acq On : 20 Nov 2020 8:43
 Operator : JC/MD
 Sample : L4779-04 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1608

Manual Integrations
 APPROVED

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 11/24/2020 3:11:44 PM

Quant Time: Nov 20 14:55:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	210304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	468110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	240762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	213968	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.68%	
35) Dibromofluoromethane	7.55	113	147926	60.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.60%	
50) Toluene-d8	10.06	98	568971	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.38	95	257880	61.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.76%	
Target Compounds						
16) Acetone	3.78	43	4809	10.328	ug/l	99
20) Methylene Chloride	4.51	84	3869m	1.412	ug/l	
44) Trichloroethene	8.79	130	1741m	0.491	ug/l	

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

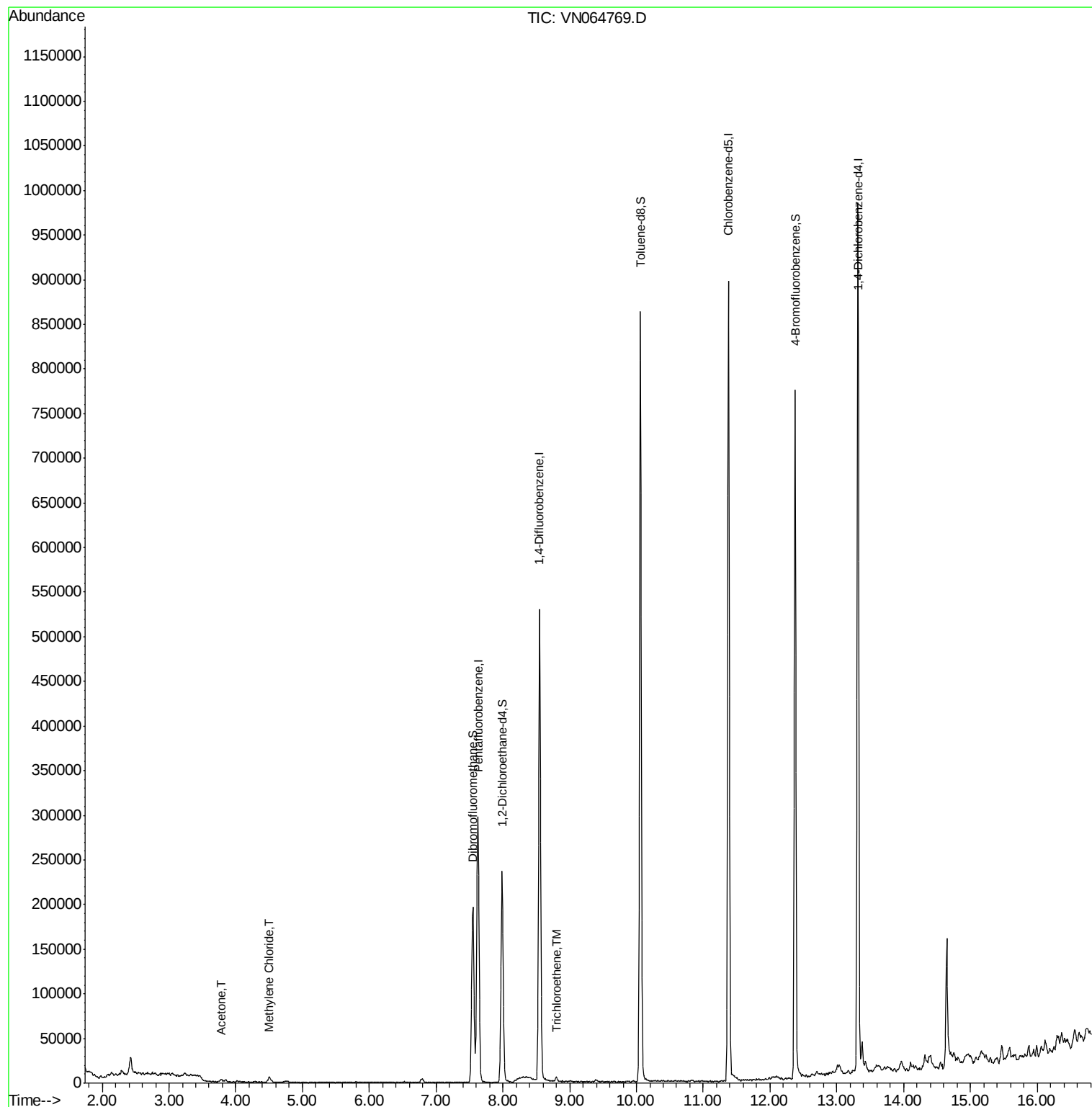
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111920\
Data File : VN064769.D
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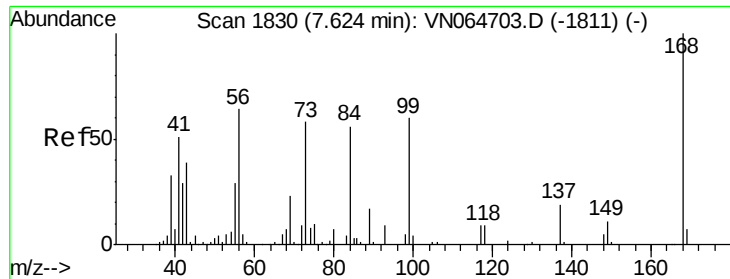
Instrument :
MSVOA_N
ClientSampleId :
1608

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Quant Time: Nov 20 14:55:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 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: VN064769.D

Acq: 20 Nov 2020 8:43

Instrument :

MSVOA_N

ClientSampled :

1608

Tot Ion:168 Resp: 210304

Ion Ratio Lower Upper

168 100

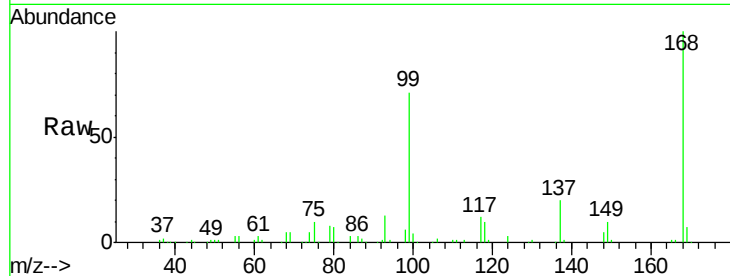
99 70.7 55.7 83.5

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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

100000

80000

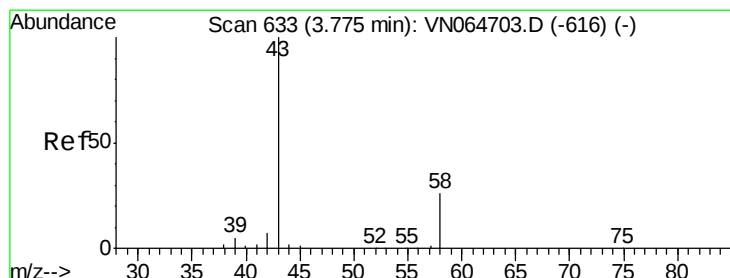
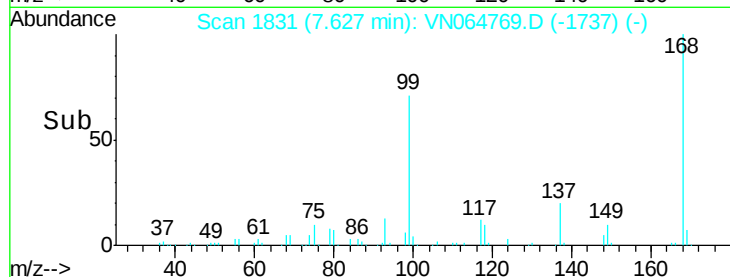
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.328 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064769.D

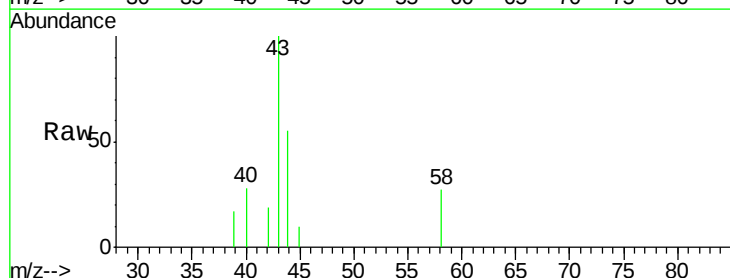
Acq: 20 Nov 2020 8:43

Tgt Ion: 43 Resp: 4809

Ion Ratio Lower Upper

43 100

58 26.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

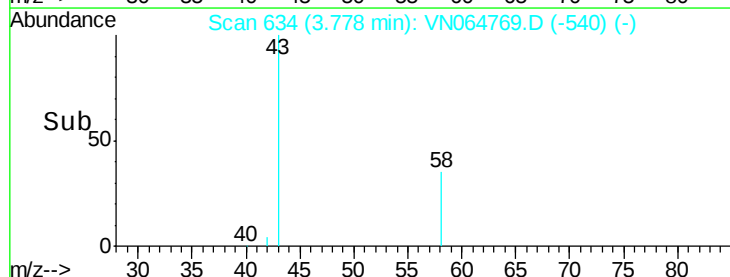
1500

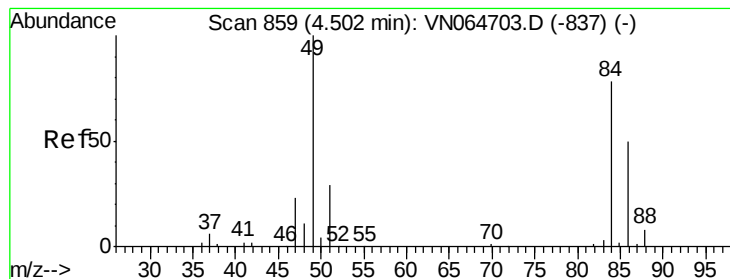
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 1.412 ug/l m

RT: 4.51 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN064769.D

Acq: 20 Nov 2020 8:43

Instrument :

MSVOA_N

ClientSampleId :

1608

Tot Ion: 84 Resp: 3869

Ion Ratio Lower Upper

84 100

49 139.4 102.4 153.6

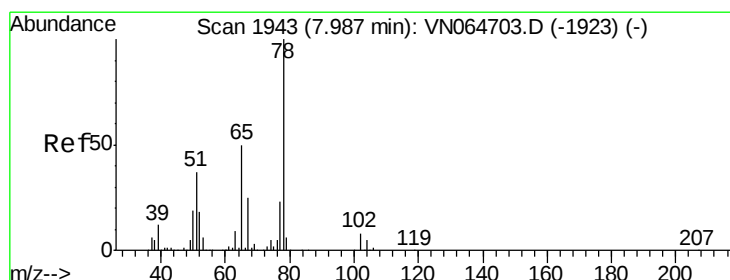
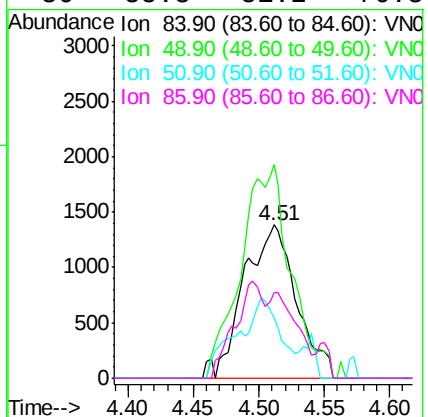
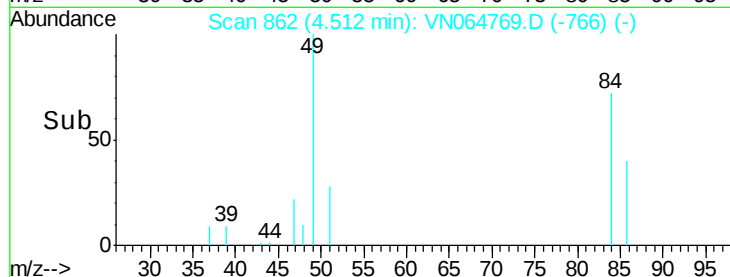
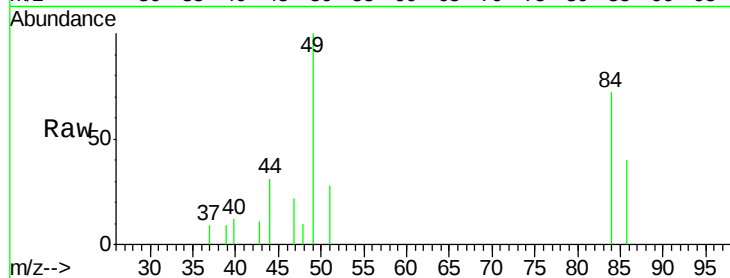
51 39.1 29.4 44.2

86 55.8 51.2 76.8

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#33

1,2-Dichloroethane-d4

Concen: 57.836 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064769.D

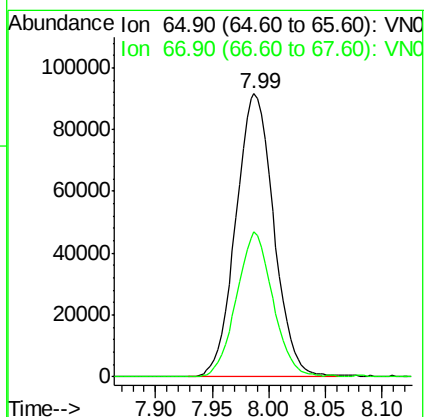
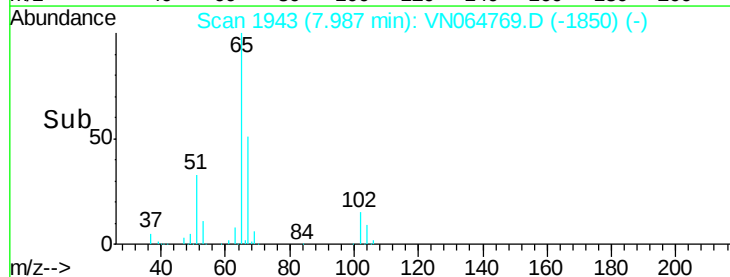
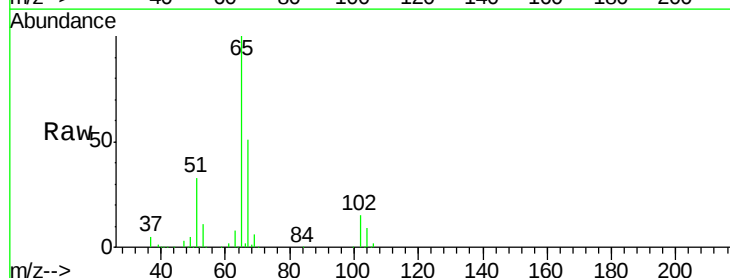
Acq: 20 Nov 2020 8:43

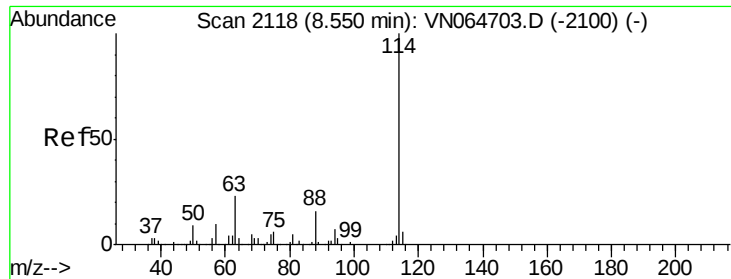
Tgt Ion: 65 Resp: 213968

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.8





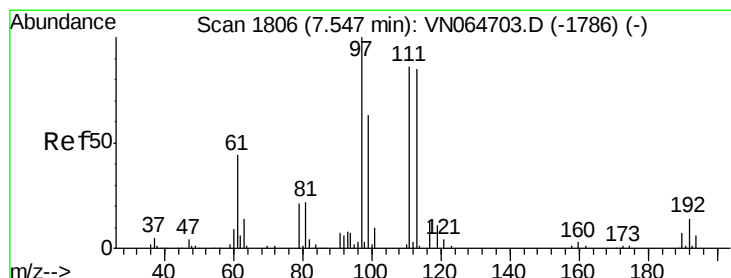
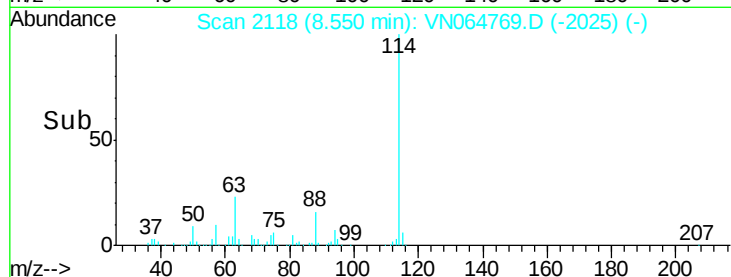
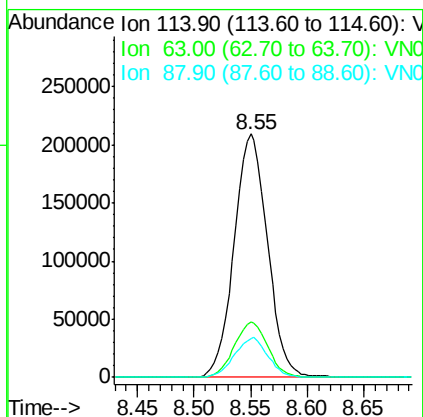
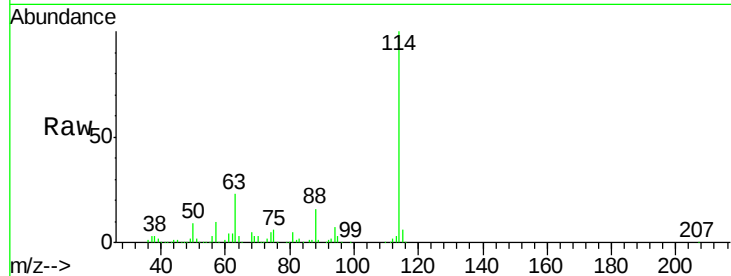
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064769.D
 Acq: 20 Nov 2020 8:43

Instrument :
 MSVOA_N
 ClientSampled :
 1608

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.6	0.0	46.0
88	16.0	0.0	31.2

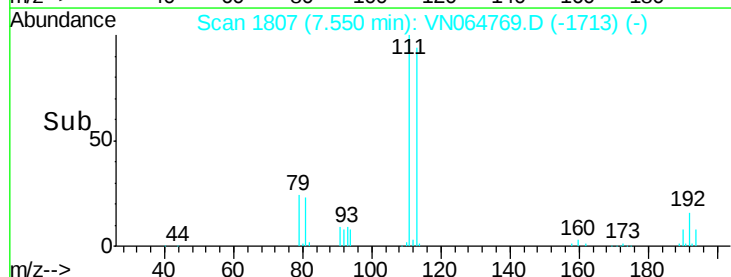
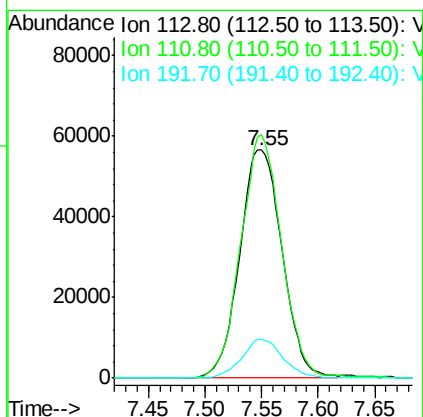
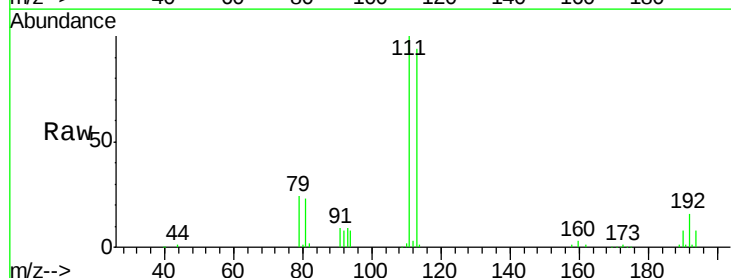
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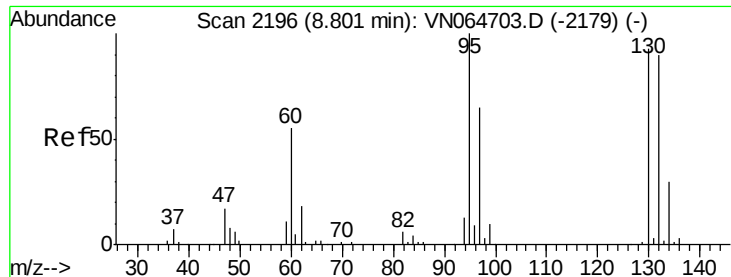
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#35
 Dibromofluoromethane
 Concen: 60.299 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064769.D
 Acq: 20 Nov 2020 8:43

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.9	82.2	123.4
192	16.5	12.7	19.1





#44

Trichloroethene

Concen: 0.491 ug/l m

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN064769.D

Acq: 20 Nov 2020 8:43

Instrument :

MSVOA_N

ClientSampled :

1608

Tot Ion:130 Resp: 1741

Ion Ratio Lower Upper

130 100

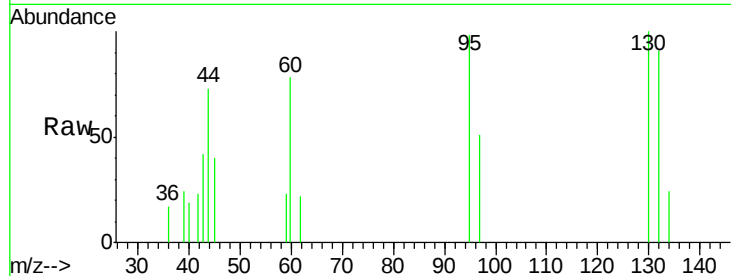
95 98.4 0.0 214.2

Manual Integrations

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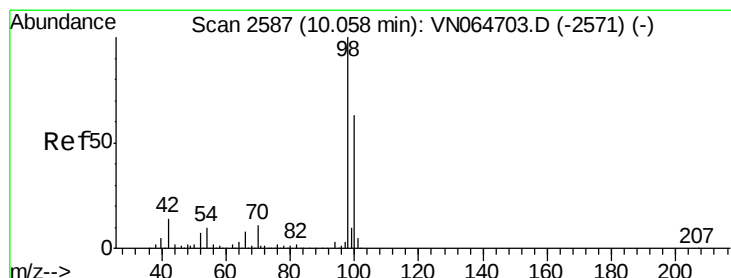
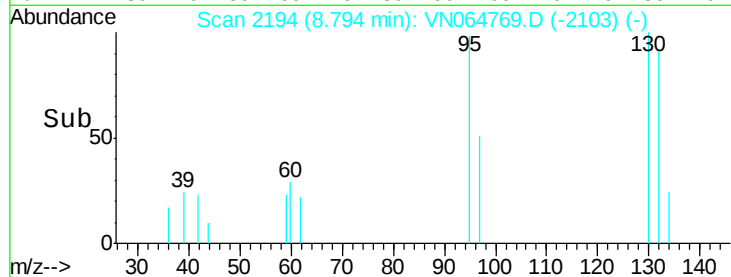
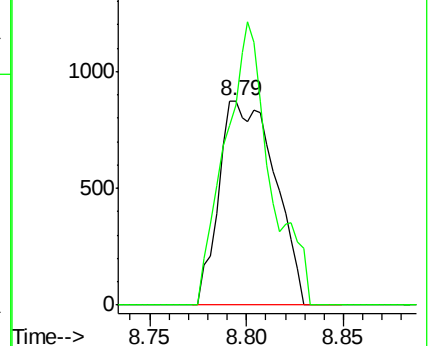
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 51.031 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064769.D

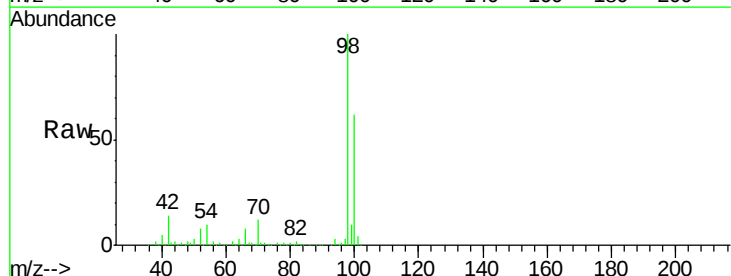
Acq: 20 Nov 2020 8:43

Tgt Ion: 98 Resp: 568971

Ion Ratio Lower Upper

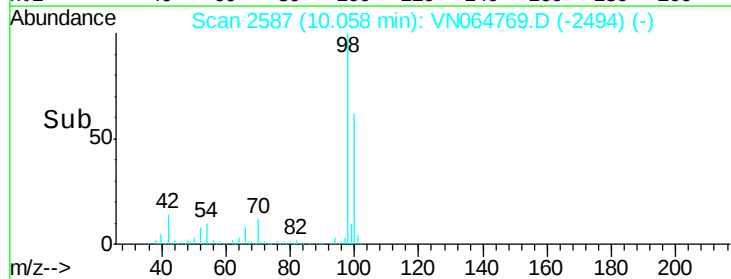
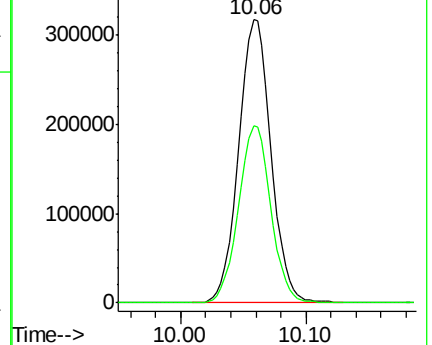
98 100

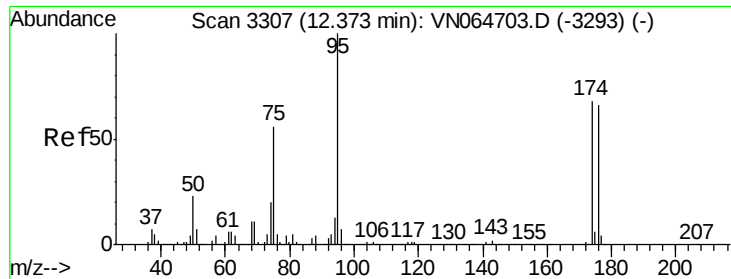
100 62.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





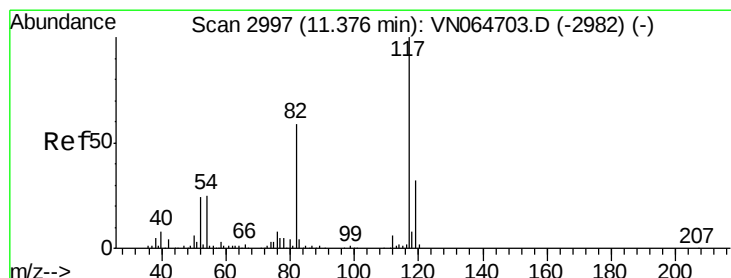
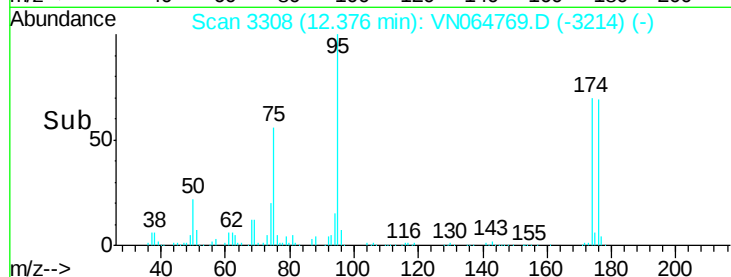
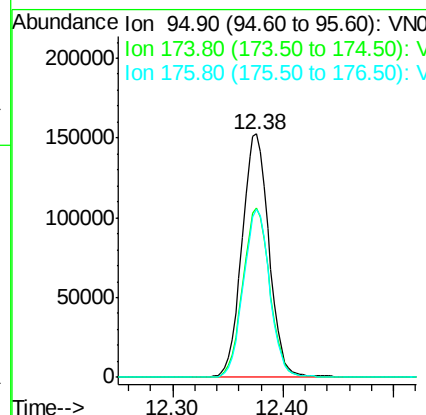
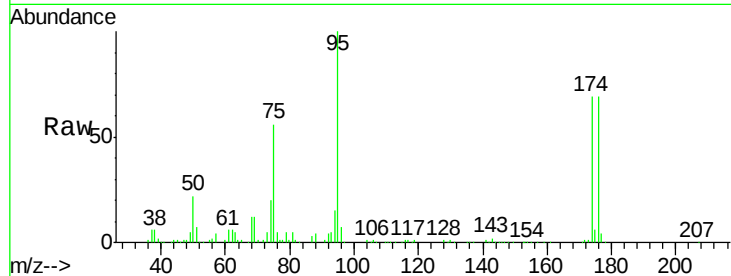
#62
4-Bromofluorobenzene
Concen: 61.880 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064769.D
Acq: 20 Nov 2020 8:43

Instrument :
MSVOA_N
ClientSampleId :
1608

Tot Ion	Ratio	Resp	Lower	Upper
95	100	257880		
174	69.4	0.0	136.8	
176	67.8	0.0	134.2	

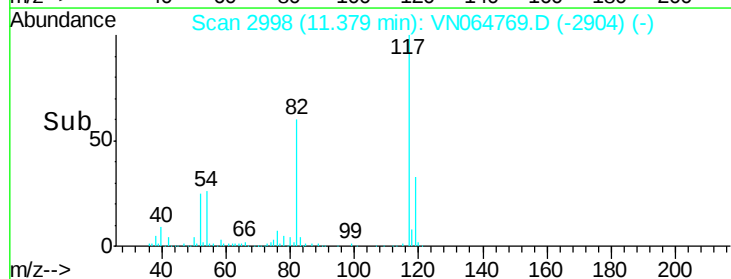
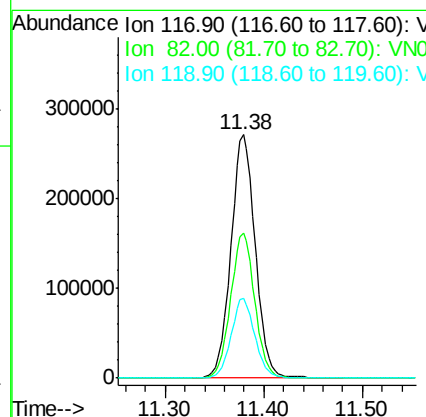
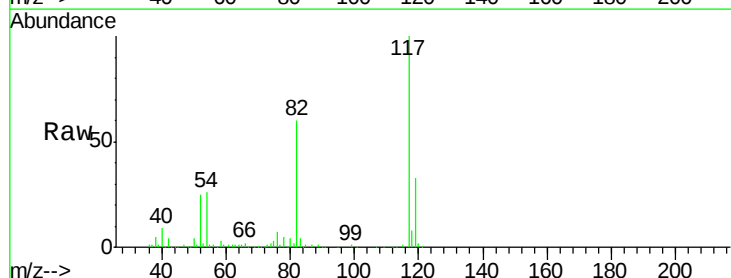
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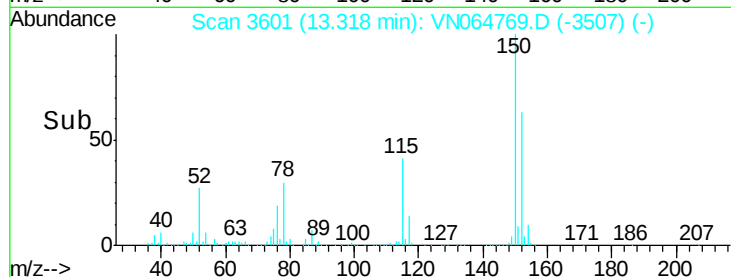
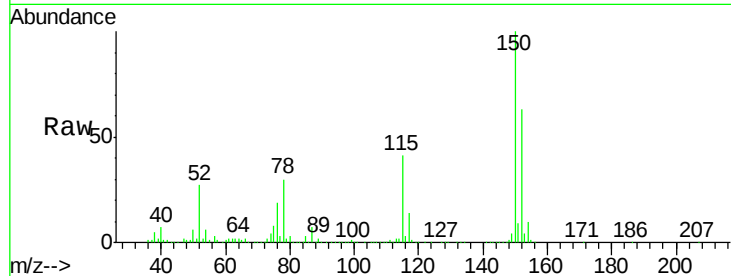
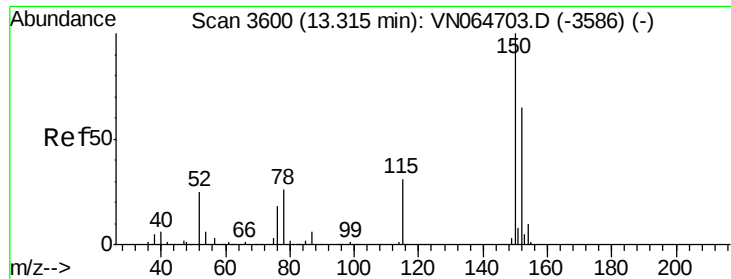
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064769.D
Acq: 20 Nov 2020 8:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	468110		
82	59.7	47.0	70.6	
119	32.8	25.4	38.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064769.D

Acq: 20 Nov 2020 8:43

Tot Ion:	152	Resp:	240762
Ion Ratio	Lower	Upper	
152	100		
115	64.2	32.1	96.3
150	157.5	0.0	344.8

Instrument :
MSVOA_N
ClientSampleId :
1608

Manual Integrations
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