

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062426.D
 Acq On : 8 Jul 2020 23:58
 Operator : JC/MD
 Sample : L3215-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Jul 09 03:18:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

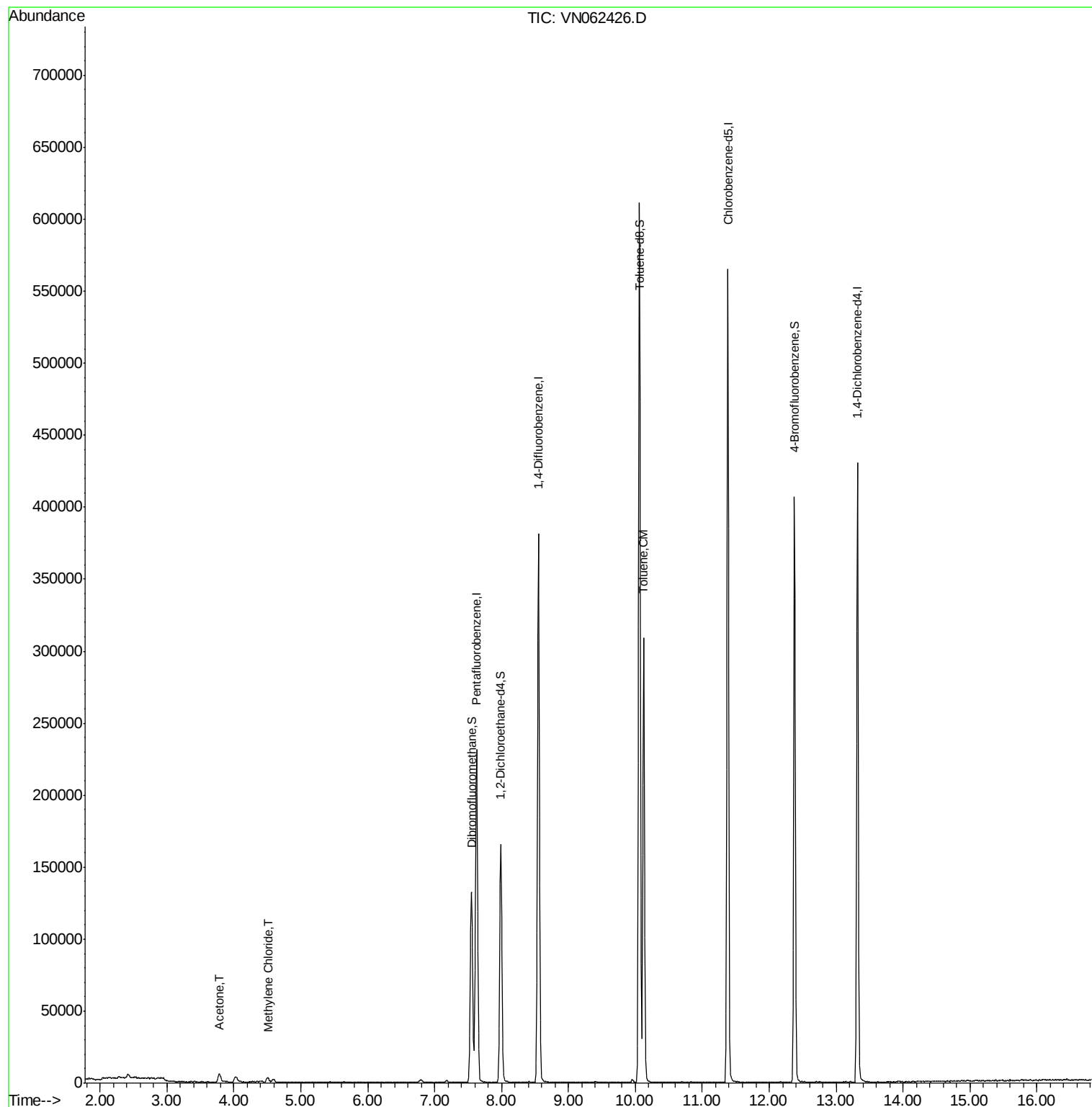
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	179293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	321034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	308338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	141865	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	7.55	113	102853	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	10.06	98	413088	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.38	95	146941	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
Target Compounds						
16) Acetone	3.78	43	10481	8.952	ug/l	100
20) Methylene Chloride	4.51	84	2642	1.055	ug/l	91
52) Toluene	10.13	92	128811	23.394	ug/l	100

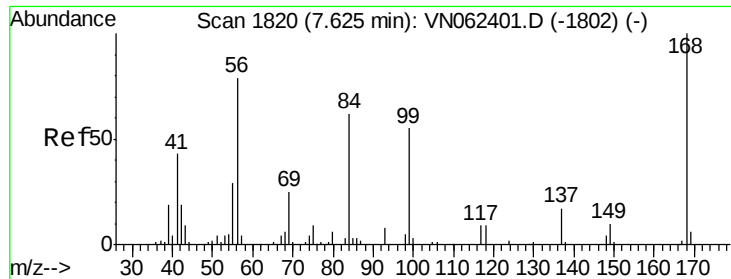
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062426.D

Acq: 8 Jul 2020 23:58

Instrument :

MSVOA_N

ClientSampled :

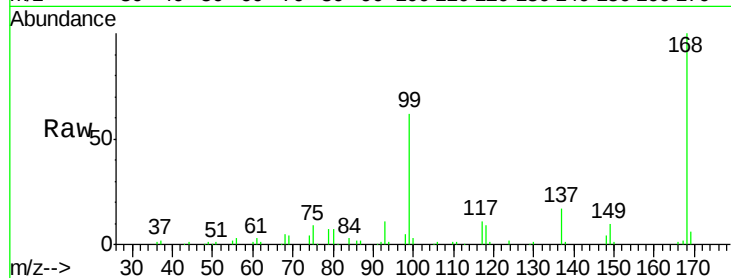
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Tot Ion:168 Resp: 179293

Ion Ratio Lower Upper

168 100

99 62.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

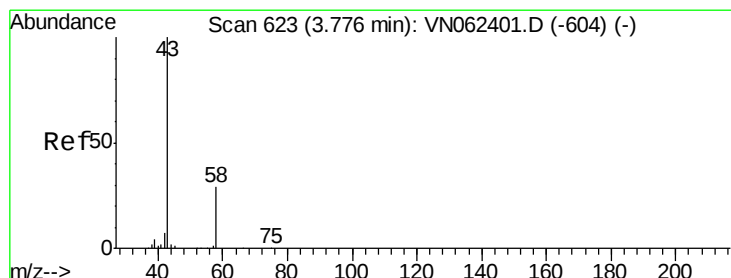
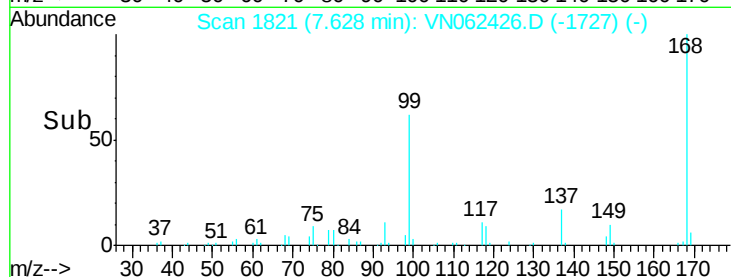
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.952 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062426.D

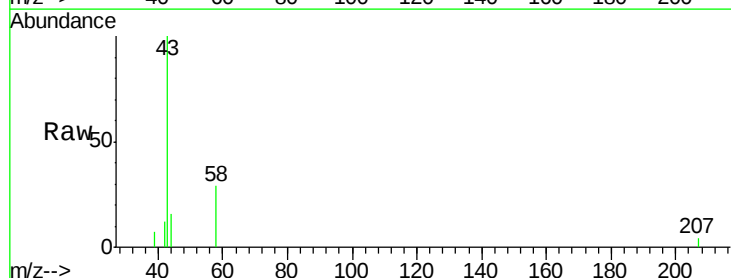
Acq: 8 Jul 2020 23:58

Tgt Ion: 43 Resp: 10481

Ion Ratio Lower Upper

43 100

58 29.2 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

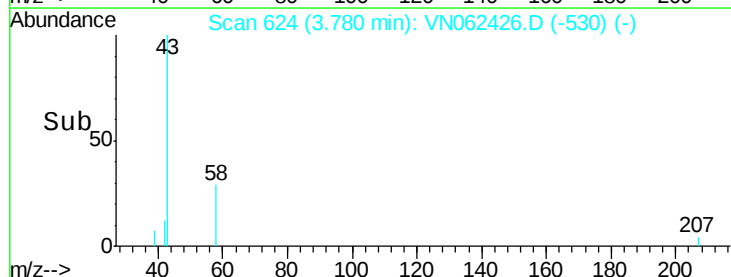
3000

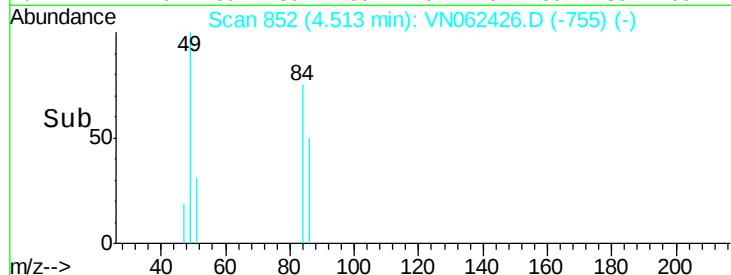
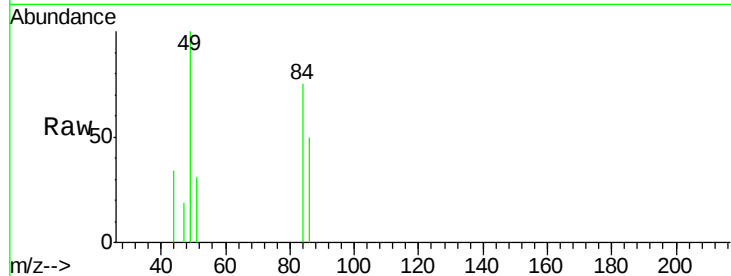
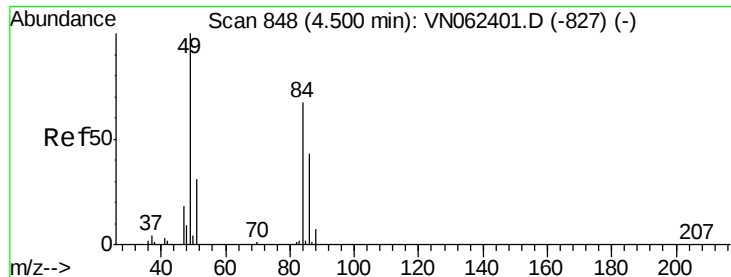
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

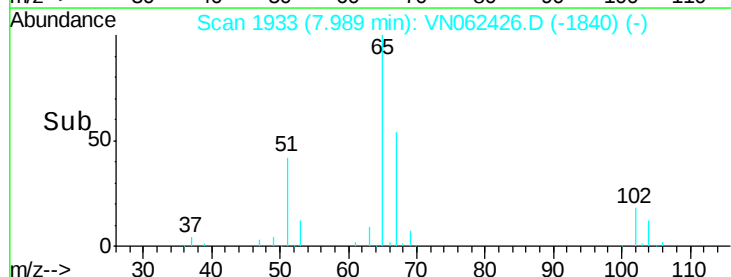
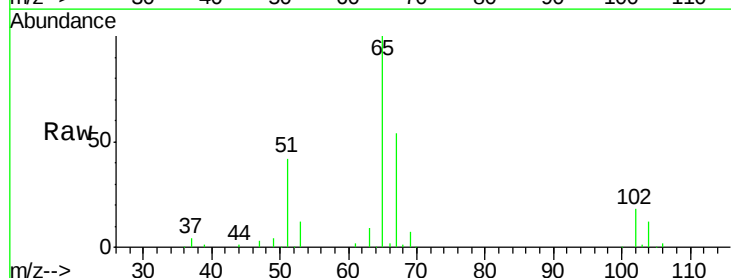
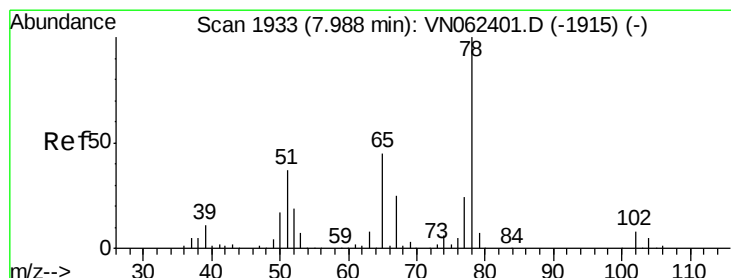
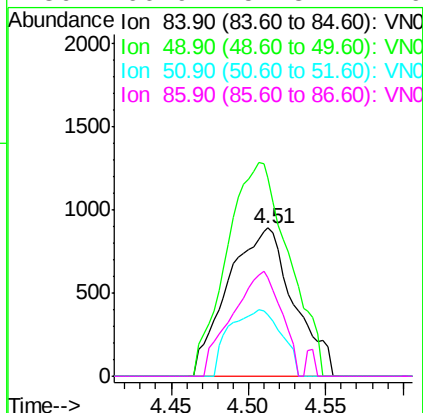




#20
Methvlene Chloride
Concen: 1.055 ug/l
RT: 4.51 min Scan# 852
Delta R.T. 0.01 min
Lab File: VN062426.D
Acq: 8 Jul 2020 23:58

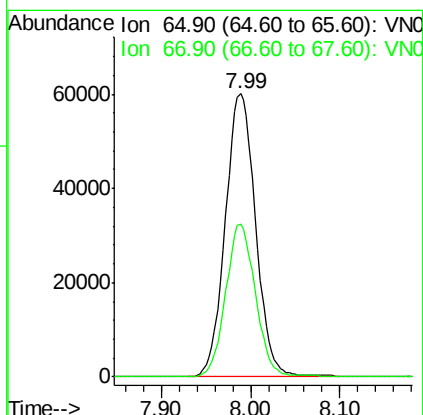
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MSVOA_N
ClientSampleId :
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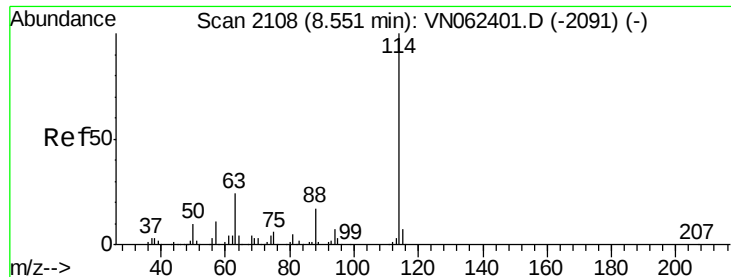
Tot Ion: 84 Resp: 2642
Ion Ratio Lower Upper
84 100
49 133.6 120.0 180.0
51 41.8 37.0 55.6
86 66.9 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 51.442 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062426.D
Acq: 8 Jul 2020 23:58

Tgt Ion: 65 Resp: 141865
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.6

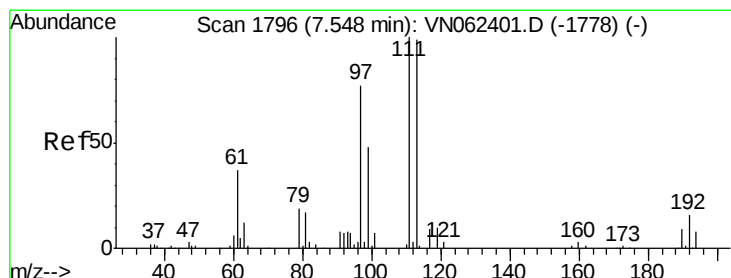
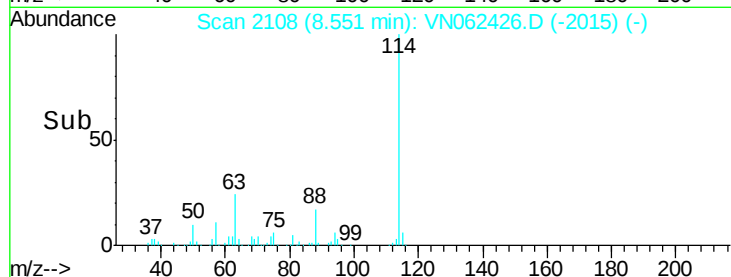
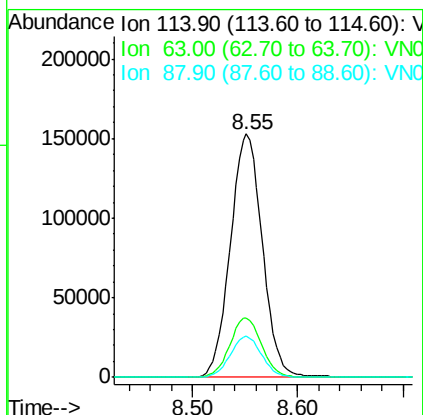
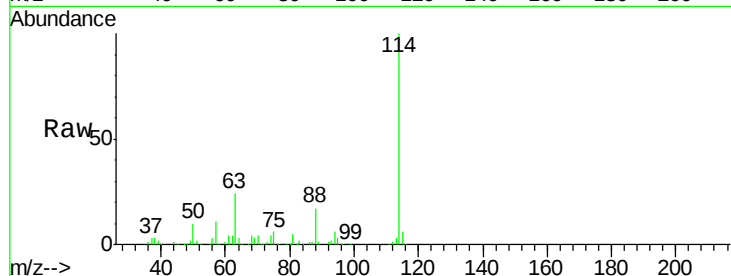




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062426.D
 Acq: 8 Jul 2020 23:58

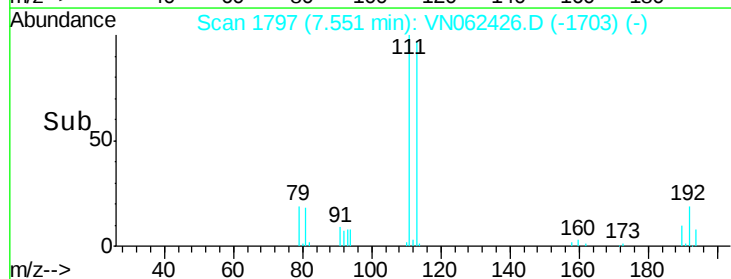
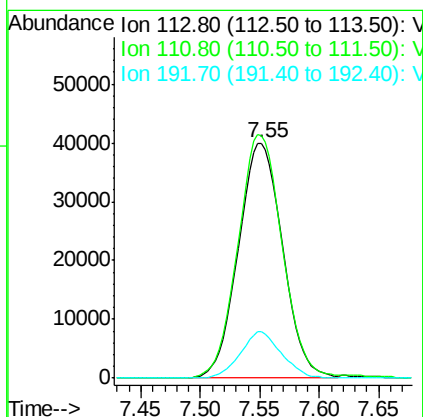
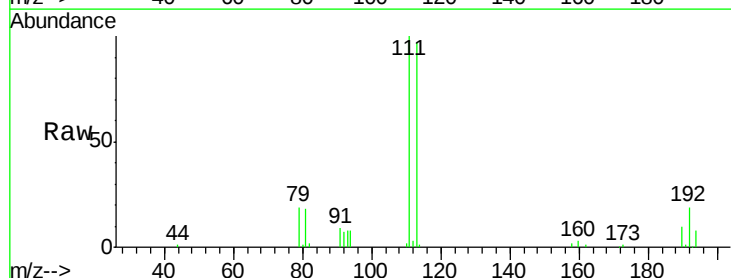
Instrument :
 MSVOA_N
 ClientSampleId :
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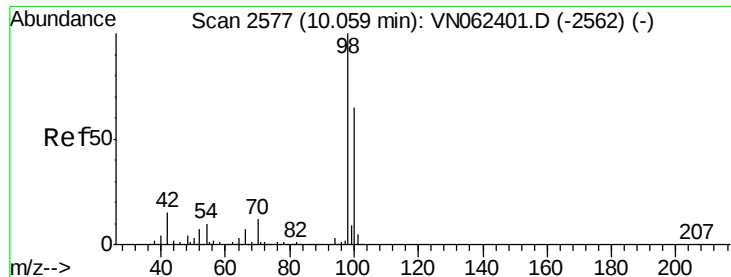
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.4
88	16.9	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 51.830 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062426.D
 Acq: 8 Jul 2020 23:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.1	124.7
192	18.3	14.1	21.1





#50

Toluene-d8

Concen: 52.731 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062426.D

Acq: 8 Jul 2020 23:58

Instrument :

MSVOA_N

ClientSampled :

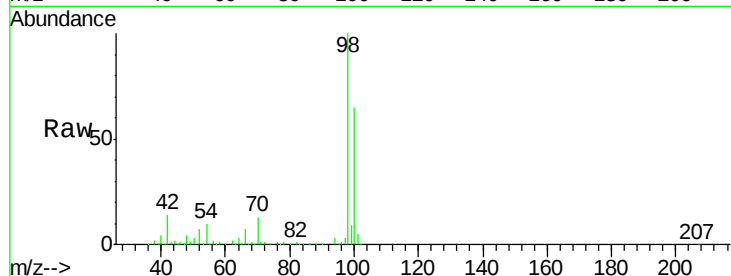
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Tot Ion: 98 Resp: 413088

Ion Ratio Lower Upper

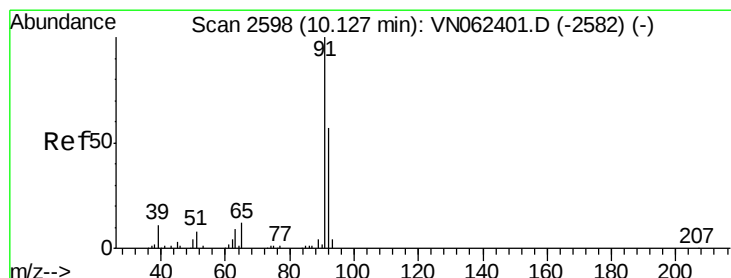
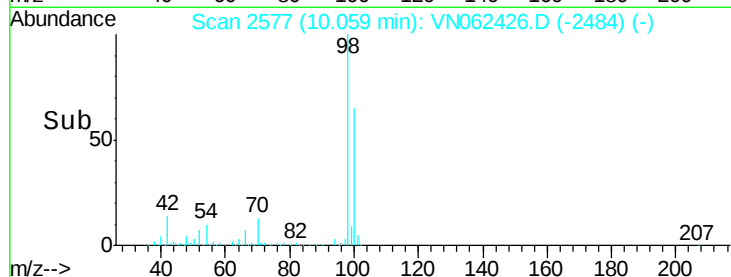
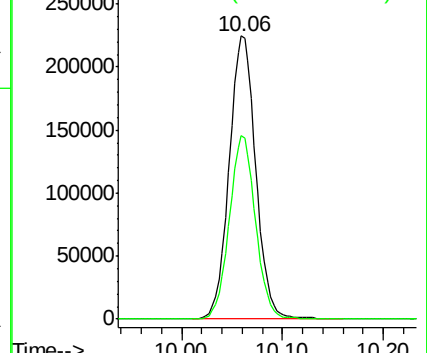
98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 23.394 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062426.D

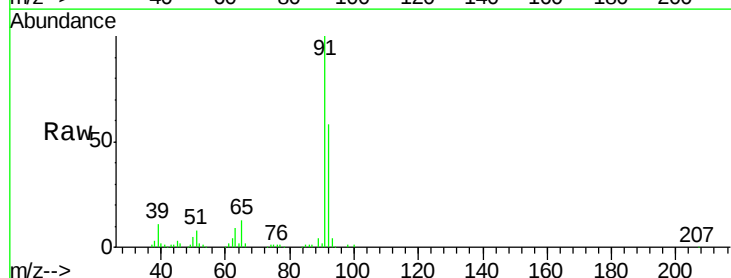
Acq: 8 Jul 2020 23:58

Tgt Ion: 92 Resp: 128811

Ion Ratio Lower Upper

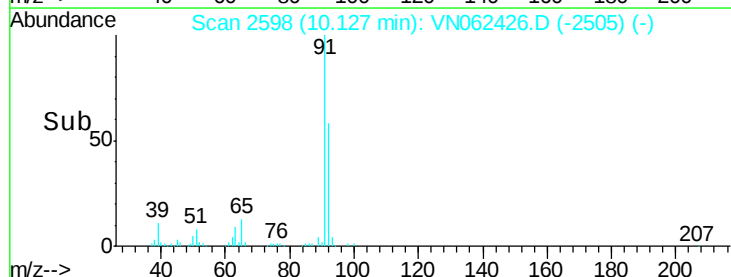
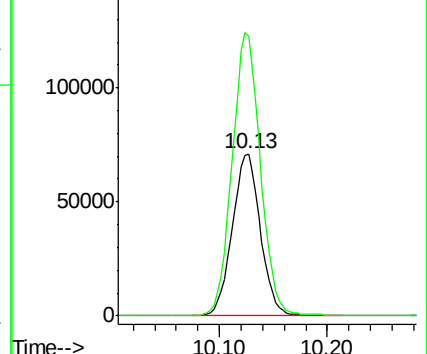
92 100

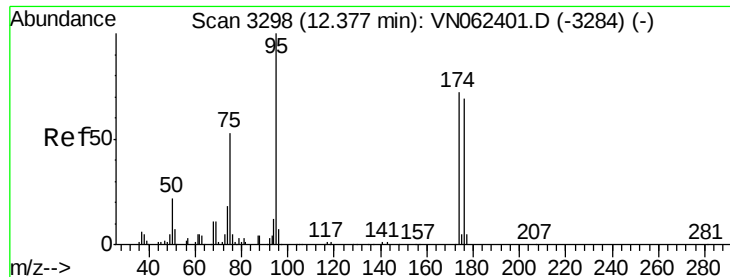
91 176.5 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

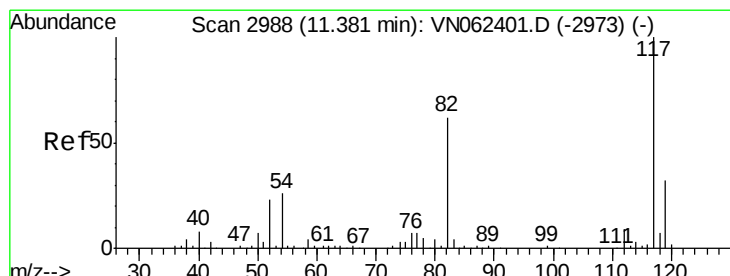
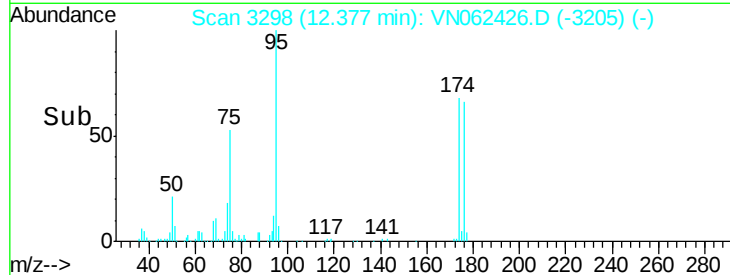
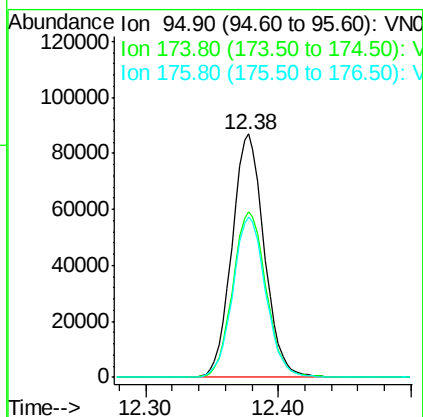
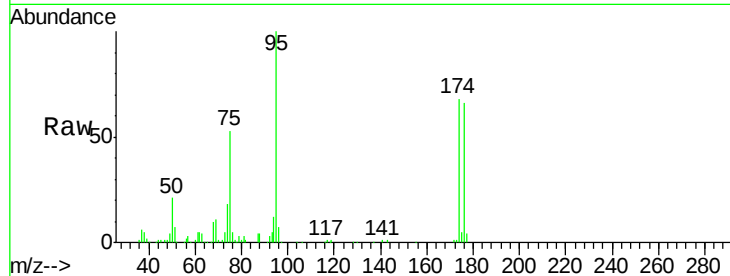




#62
 4-Bromofluorobenzene
 Concen: 51.328 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062426.D
 Acq: 8 Jul 2020 23:58

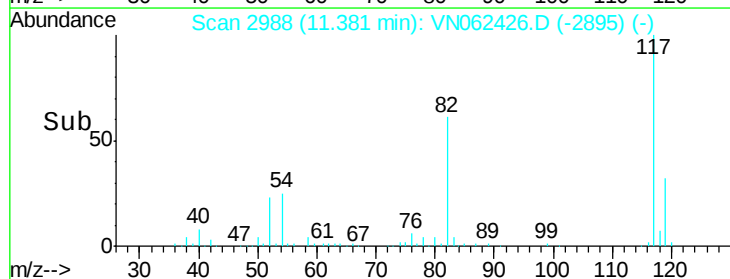
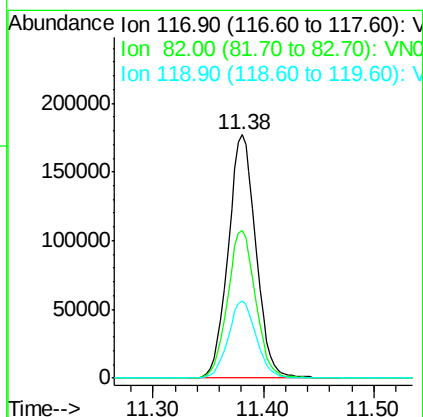
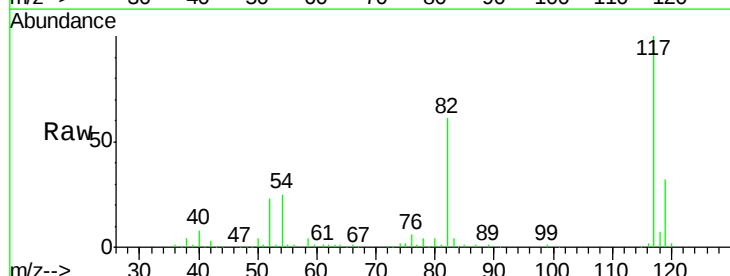
Instrument :
 MSVOA_N
 ClientSampleId :
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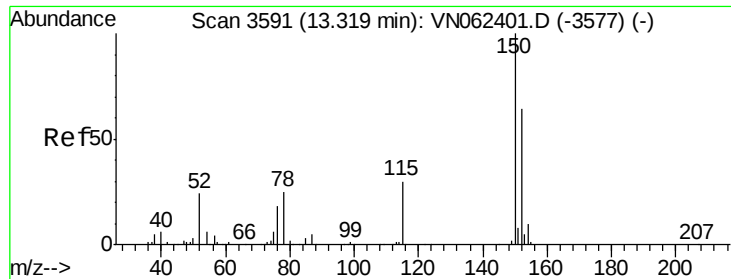
Tot Ion: 95 Resp: 146941
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 141.6
 176 67.3 0.0 137.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN062426.D
 Acq: 8 Jul 2020 23:58

Tgt Ion: 117 Resp: 308338
 Ion Ratio Lower Upper
 117 100
 82 60.5 49.6 74.4
 119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062426.D

Acq: 8 Jul 2020 23:58

Instrument :

MSVOA_N

ClientSampleId :

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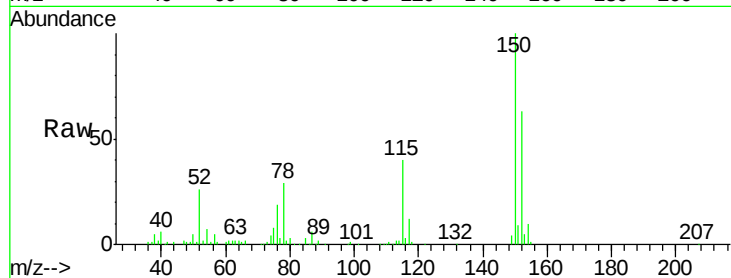
Tot Ion:152 Resp: 110221

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.2

150 158.4 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

