

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062714.D
 Acq On : 1 Aug 2020 3:35
 Operator : JC/MD
 Sample : L3518-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Manual Integrations
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Quant Time: Aug 01 06:47:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	145486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	100862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	125964	55.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.46%	
35) Dibromofluoromethane	7.55	113	88643	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
50) Toluene-d8	10.06	98	350567	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.38	95	131615	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
Target Compounds						
16) Acetone	3.79	43	9285	10.917	ug/l	98
18) Methyl Acetate	4.28	43	4251m	1.974	ug/l	
20) Methylene Chloride	4.50	84	7781	3.815	ug/l	93
43) Isopropyl Acetate	8.13	43	47014	9.756	ug/l #	89

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

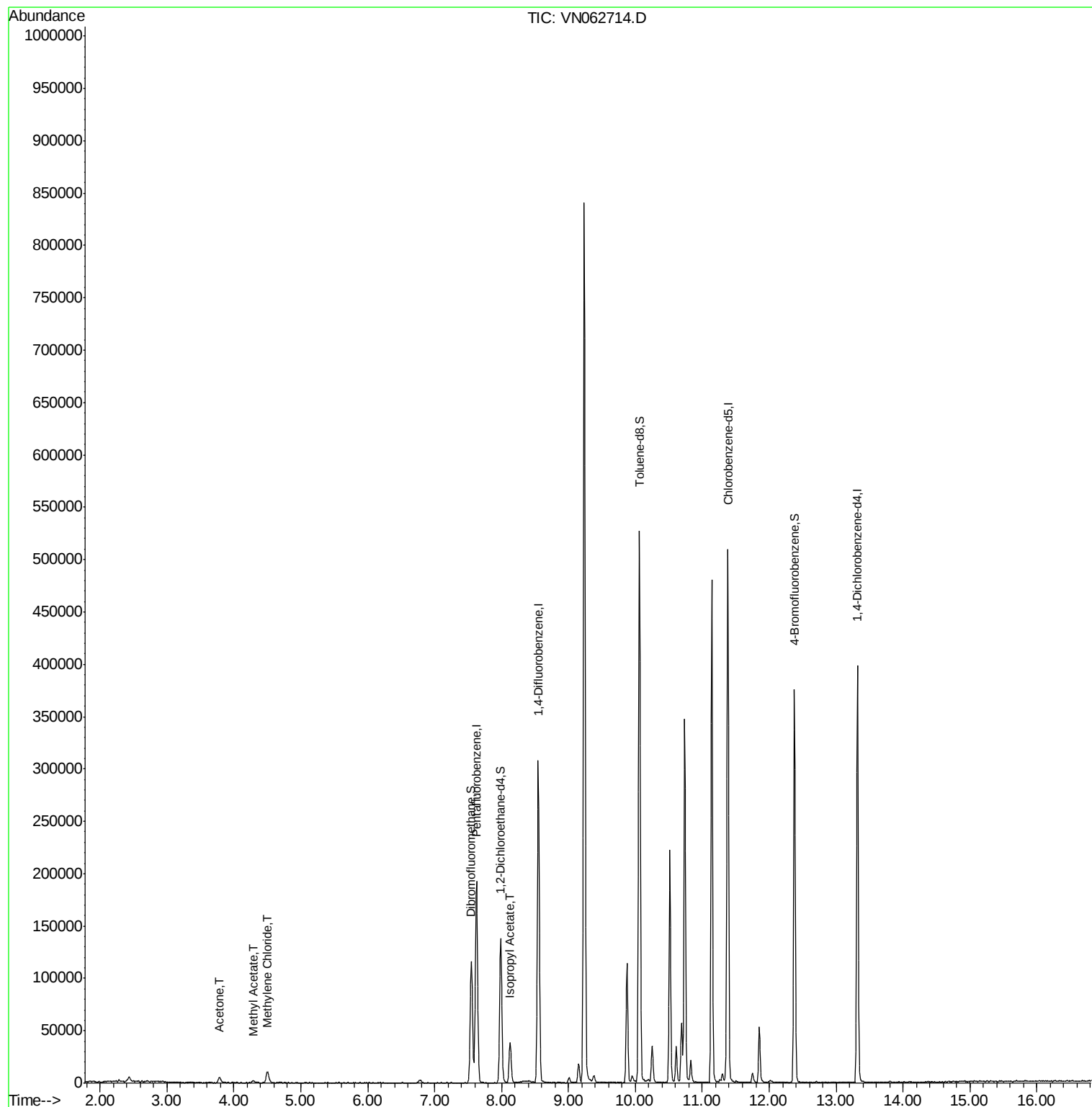
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073120\
Data File : VN062714.D
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QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062714.D

Acq: 1 Aug 2020 3:35

Instrument :

MSVOA_N

ClientSampleId :

TP-5

Tot Ion:168 Resp: 145486

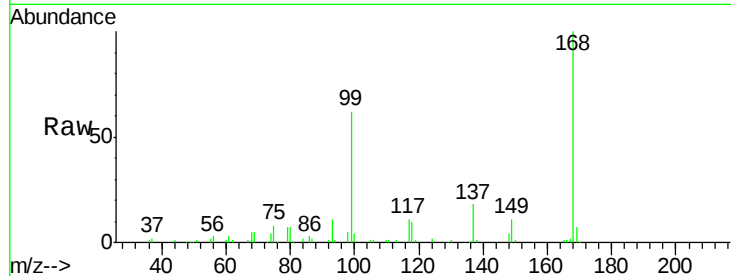
Ion Ratio Lower Upper

168 100

99 61.7 48.4 72.6

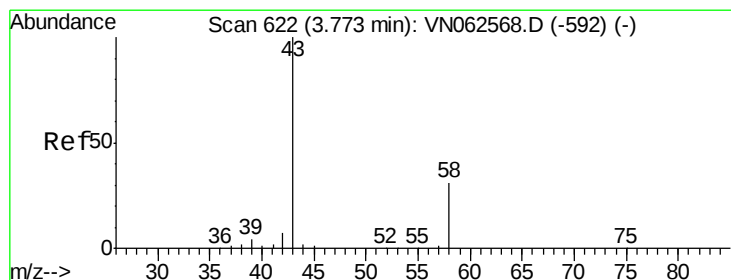
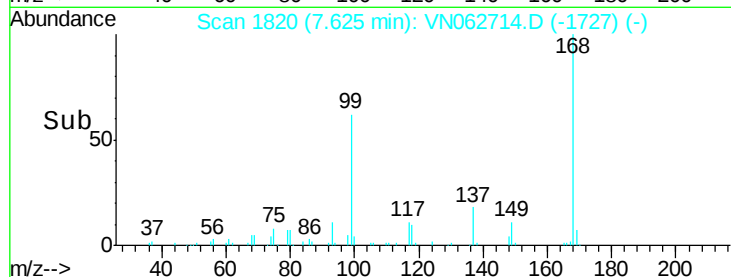
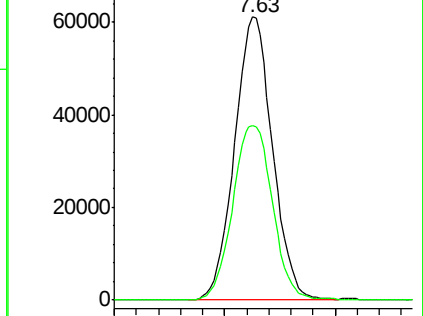
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 10.917 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062714.D

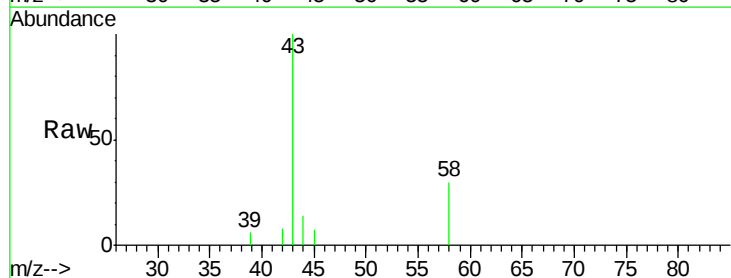
Acq: 1 Aug 2020 3:35

Tgt Ion: 43 Resp: 9285

Ion Ratio Lower Upper

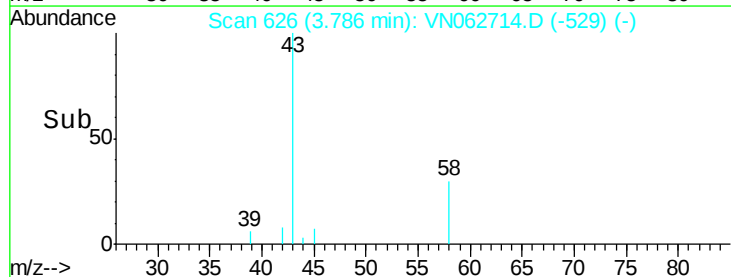
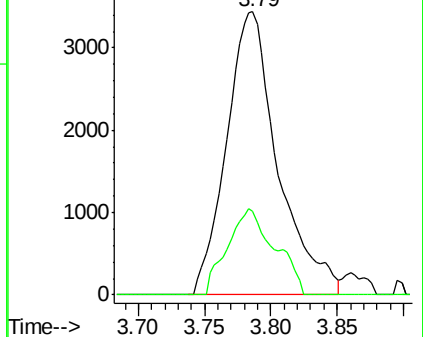
43 100

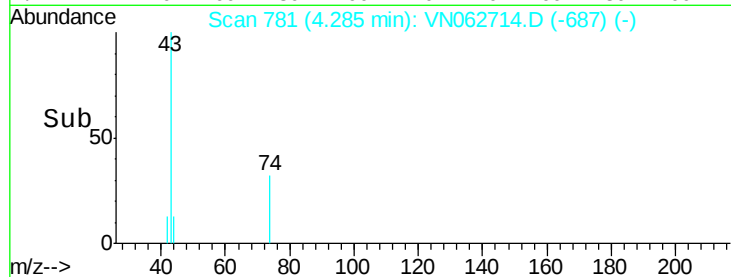
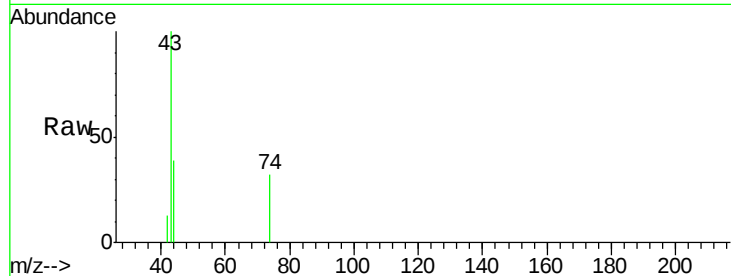
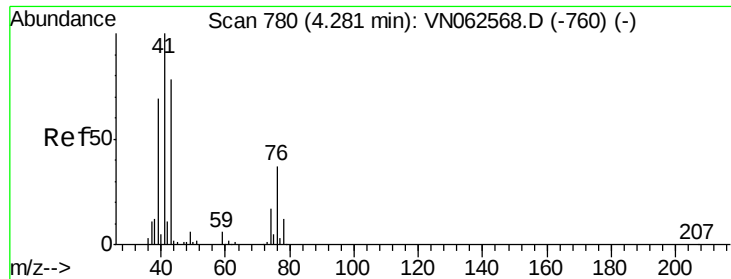
58 29.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





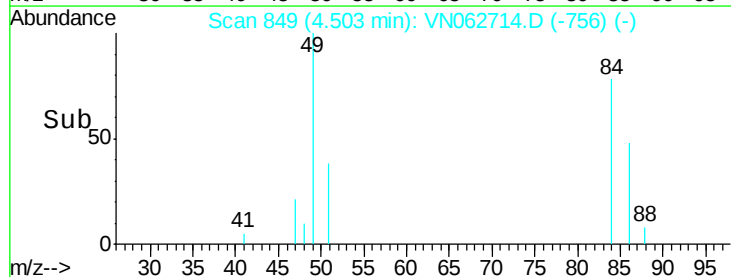
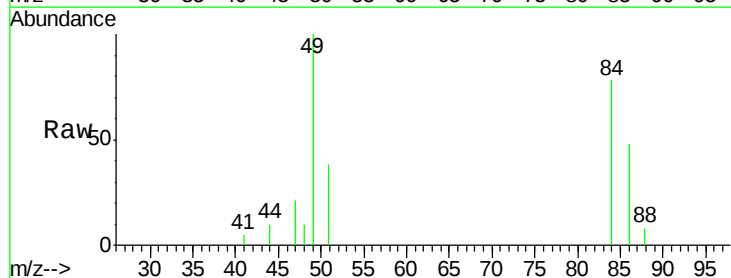
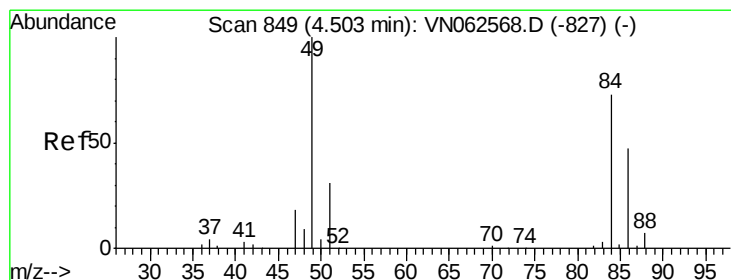
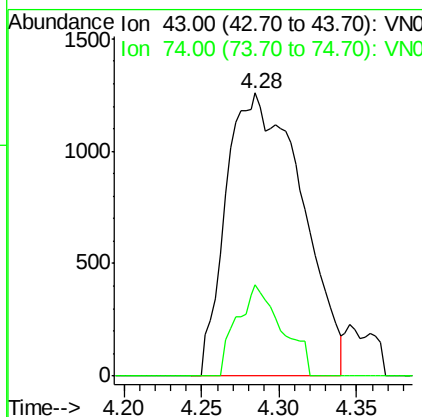
#18
Methyl Acetate
Concen: 1.974 ug/l m
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN062714.D
Acq: 1 Aug 2020 3:35

Tot Ion: 43 Resp: 4251
Ion Ratio Lower Upper
43 100
74 19.2 16.6 24.8

Instrument :
MSVOA_N
ClientSampled :
TP-5

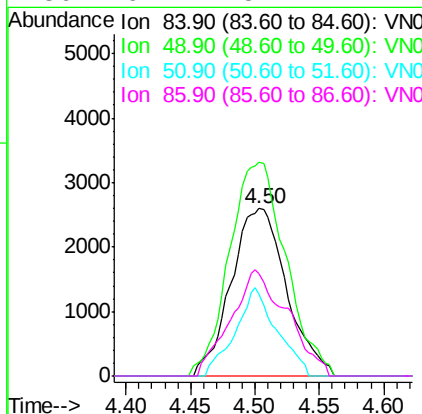
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#20
Methylene Chloride
Concen: 3.815 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062714.D
Acq: 1 Aug 2020 3:35

Tgt Ion: 84 Resp: 7781
Ion Ratio Lower Upper
84 100
49 127.5 109.4 164.0
51 48.8 33.6 50.4
86 61.1 51.4 77.2





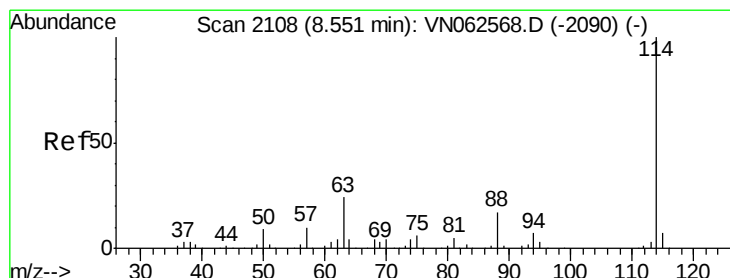
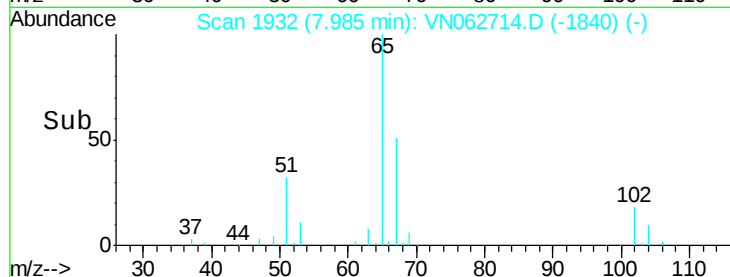
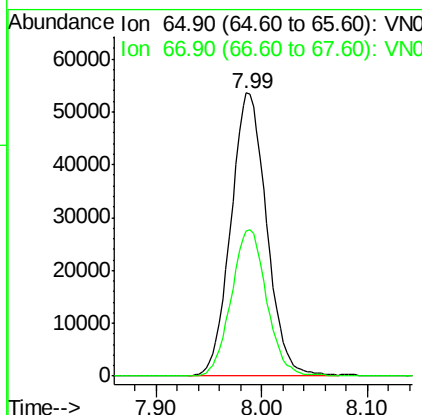
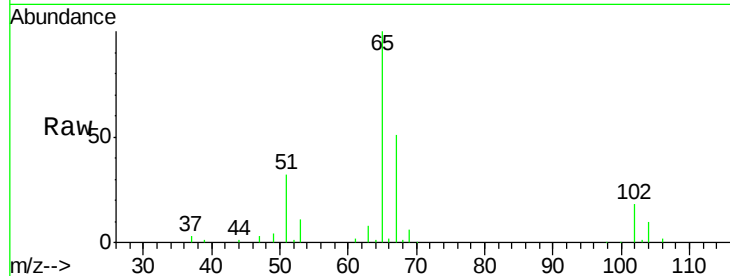
#33
 1,2-Dichloroethane-d4
 Concen: 55.735 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062714.D
 Acq: 1 Aug 2020 3:35

Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

Tot Ion	Ratio	Resp	Lower	Upper
65	100	125964		
67	51.1	0.0	106.0	

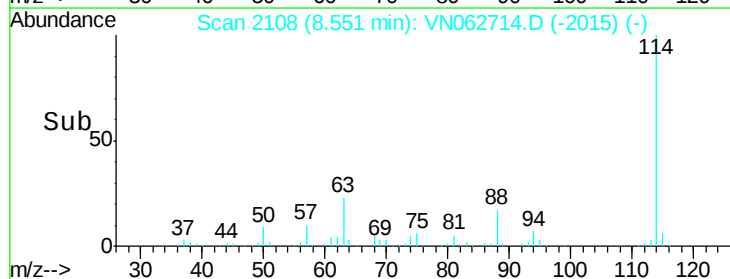
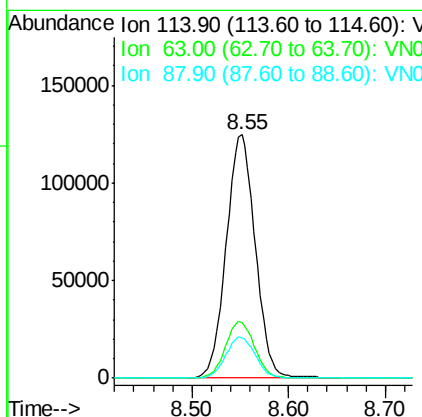
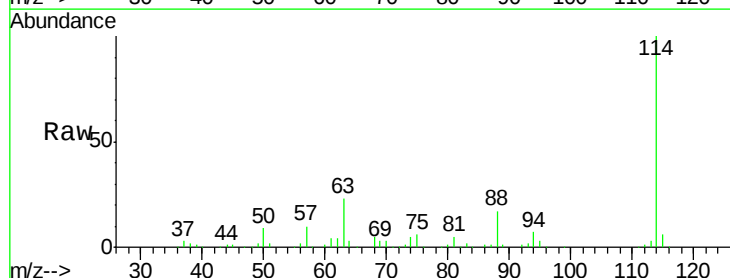
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062714.D
 Acq: 1 Aug 2020 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	260163		
63	22.9	0.0	48.4	
88	16.6	0.0	33.8	





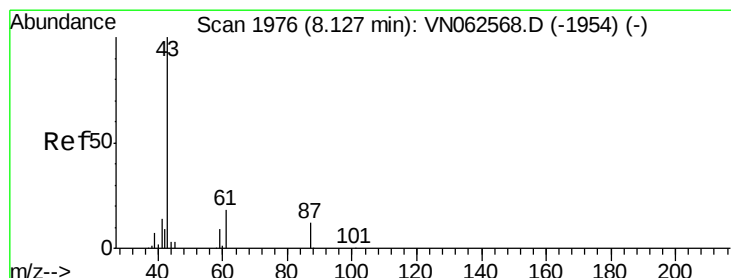
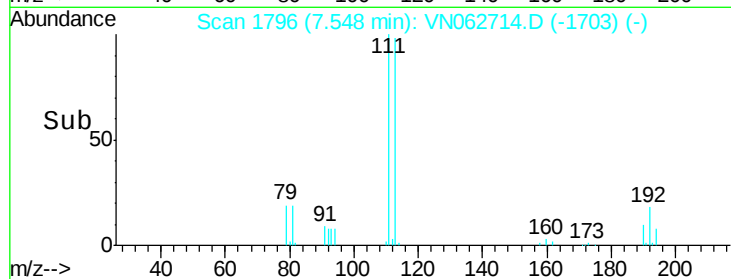
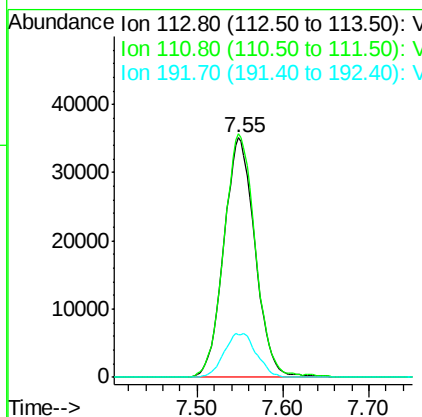
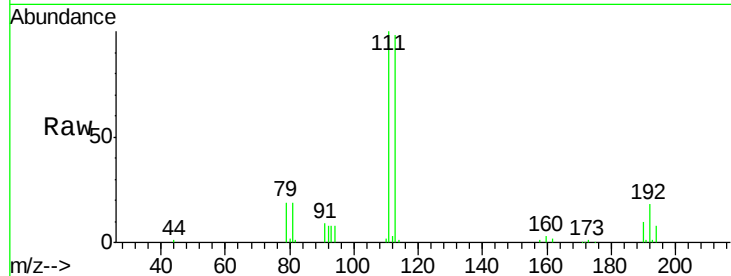
#35
 Dibromofluoromethane
 Concen: 51.871 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062714.D
 Acq: 1 Aug 2020 3:35

Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

Tot Ion	Ratio	Resp	Lower	Upper
113	100	88643		
111	101.8	82.7	124.1	
192	18.9	14.8	22.2	

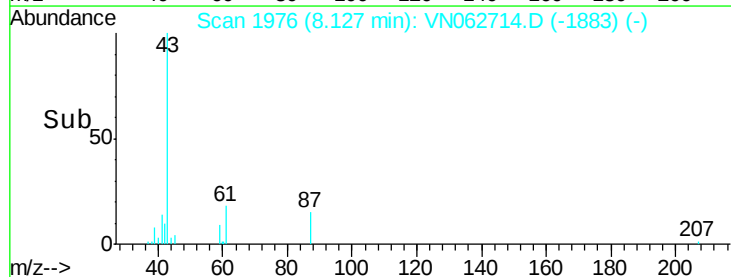
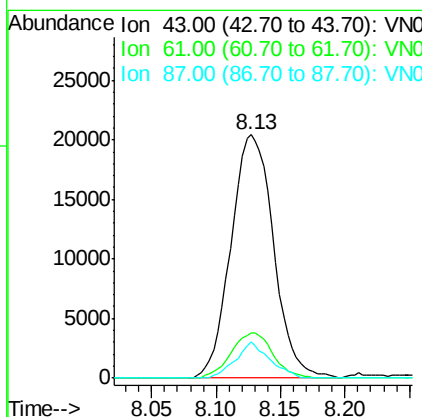
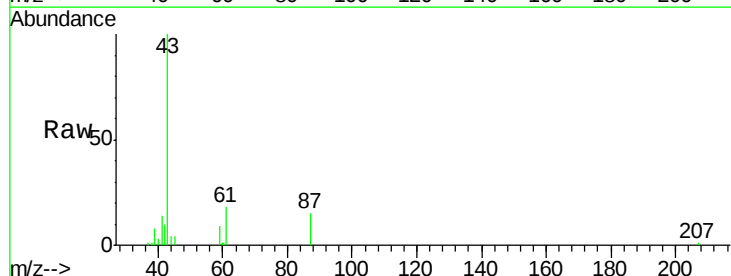
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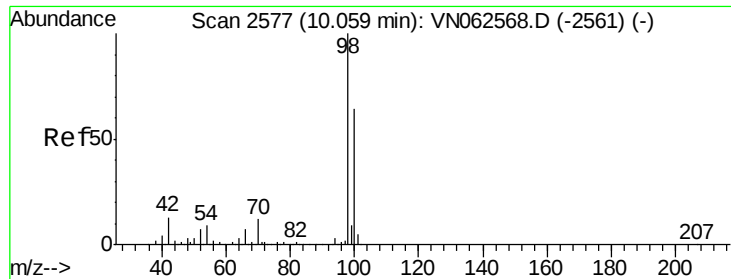
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#43
 Isopropyl Acetate
 Concen: 9.756 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062714.D
 Acq: 1 Aug 2020 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	47014		
61	18.1	20.8	31.2#	
87	11.8	9.2	13.8	





#50

Toluene-d8

Concen: 51.415 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062714.D

Acq: 1 Aug 2020 3:35

Instrument :

MSVOA_N

ClientSampled :

TP-5

Tot Ion: 98 Resp: 350567

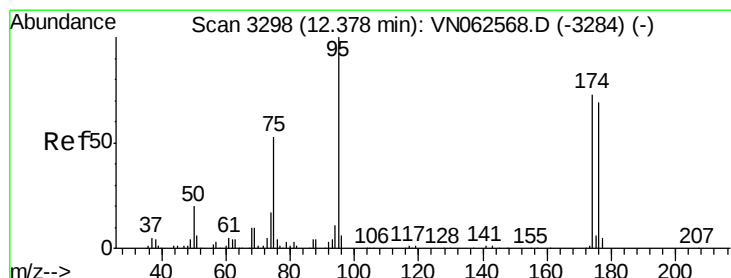
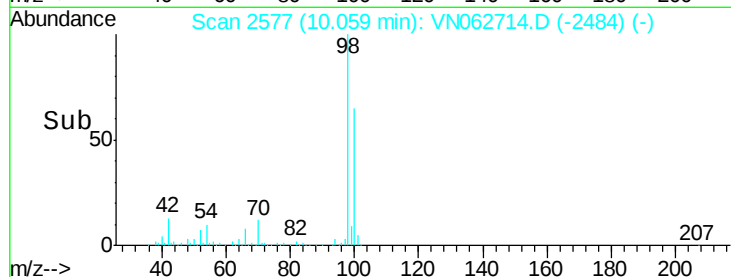
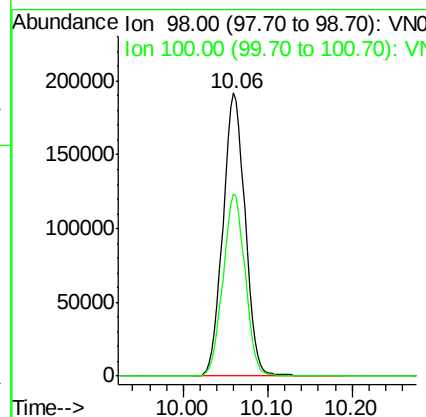
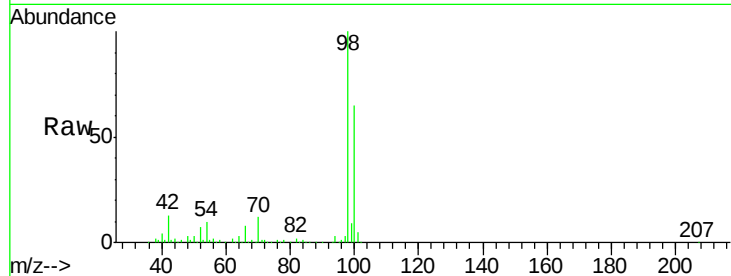
Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3

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8/3/2020 5:03:21 PM



#62

4-Bromofluorobenzene

Concen: 52.792 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062714.D

Acq: 1 Aug 2020 3:35

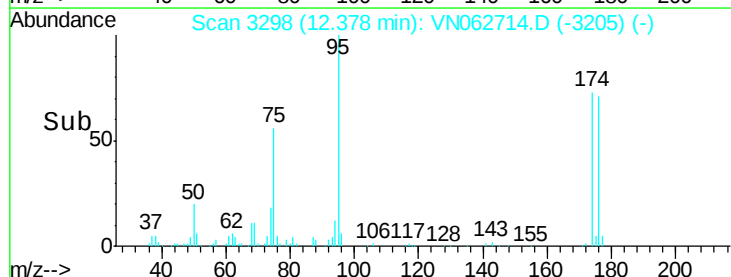
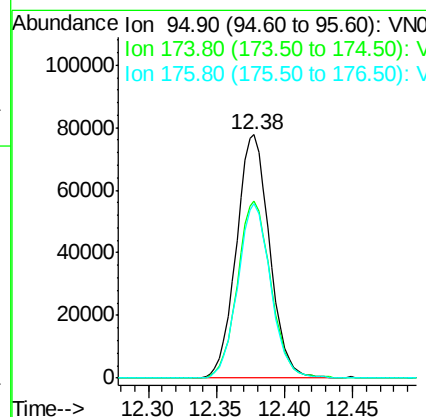
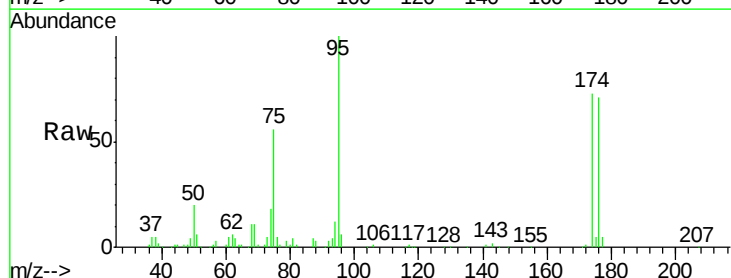
Tgt Ion: 95 Resp: 131615

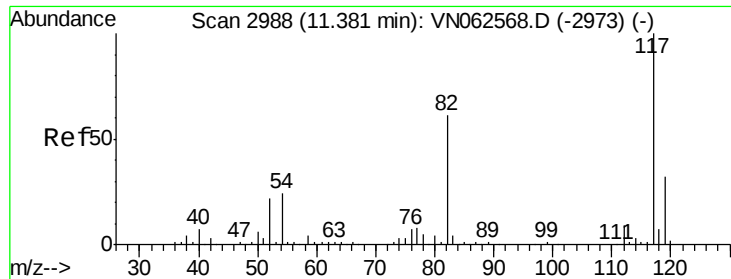
Ion Ratio Lower Upper

95 100

174 73.1 0.0 144.6

176 70.9 0.0 139.4





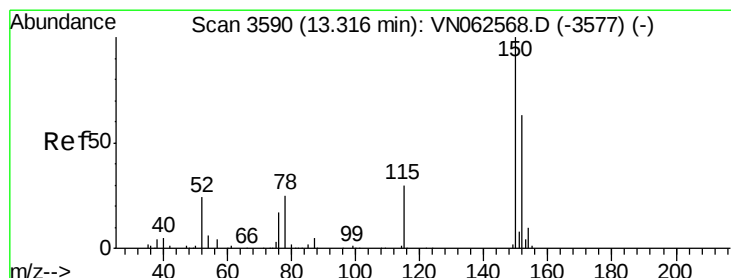
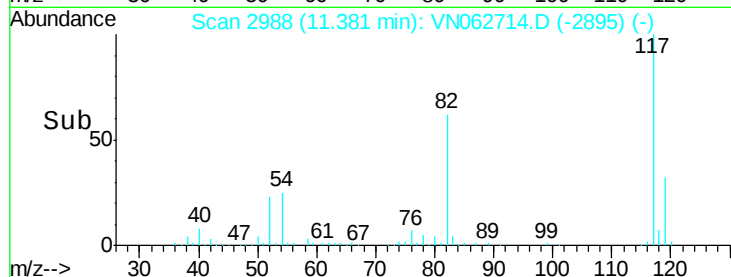
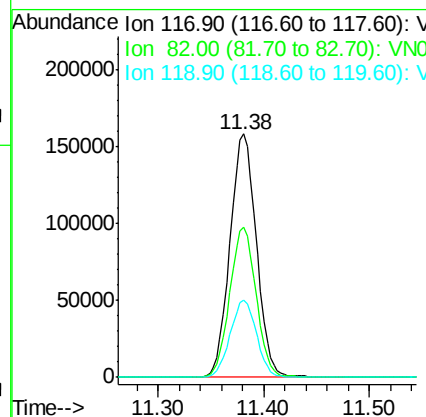
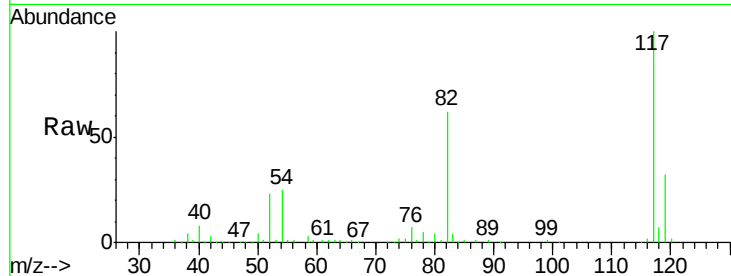
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062714.D
Acq: 1 Aug 2020 3:35

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	49.0	73.6
119	31.5	25.4	38.2

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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: VN062714.D
Acq: 1 Aug 2020 3:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.8	95.4
150	157.9	0.0	351.4

