

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064614.D
 Acq On : 13 Nov 2020 5:46
 Operator : JC/MD
 Sample : L4622-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B12-110220-0-1

Manual Integrations
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 11/13/2020 11:43:52 AM

Quant Time: Nov 13 06:35:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	498160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	529139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	228610	60.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.38%	
35) Dibromofluoromethane	7.55	113	169687	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
50) Toluene-d8	10.06	98	642827	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.38	95	236937	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds						
16) Acetone	3.78	43	17821	12.317	ug/l	93
18) Methyl Acetate	4.28	43	5590m	1.965	ug/l	
20) Methylene Chloride	4.51	84	7301m	2.543	ug/l	
43) Isopropyl Acetate	8.13	43	94666	11.100	ug/l	98
95) Naphthalene	15.11	128	3724	3.958	ug/l #	89

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

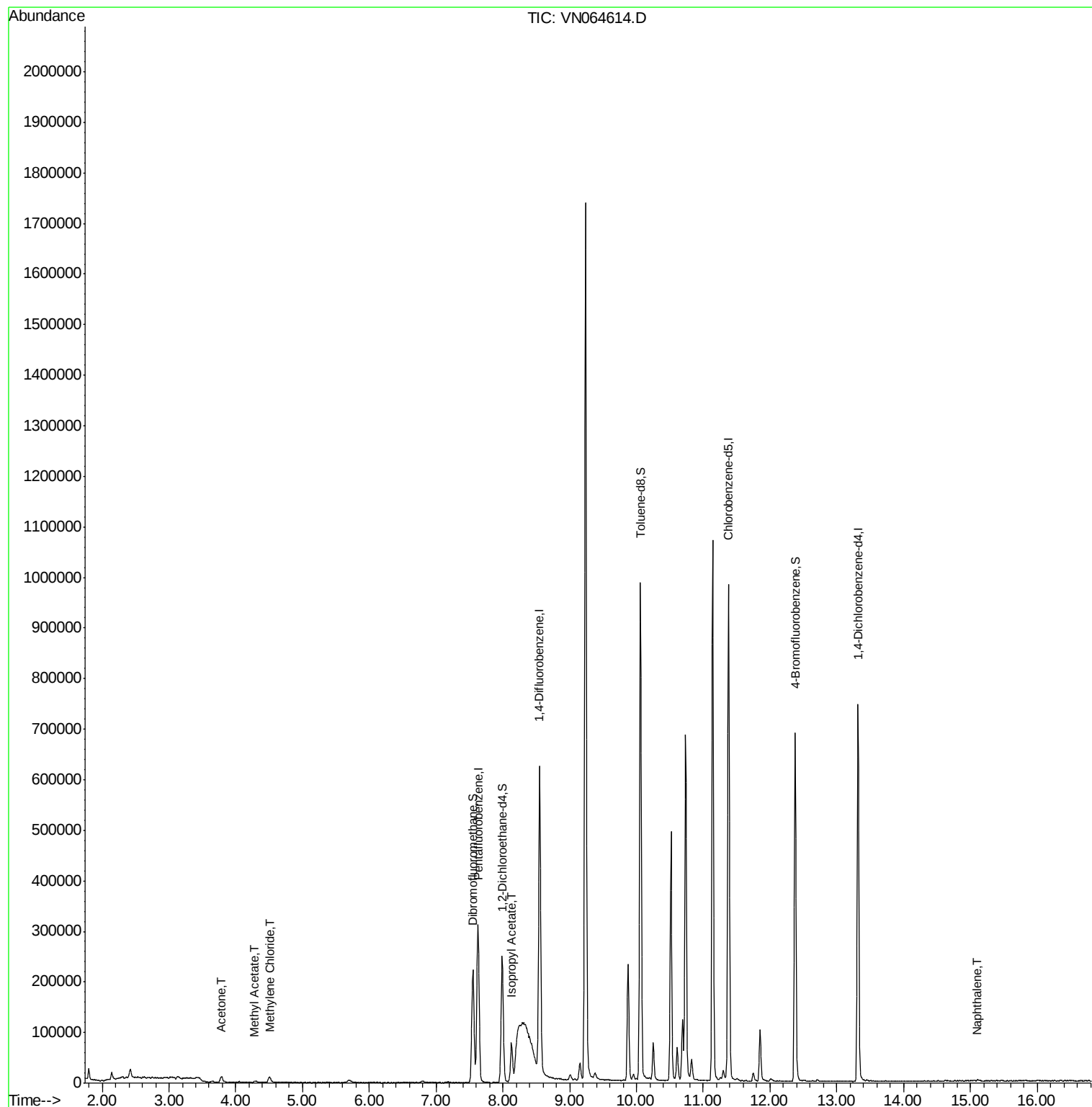
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\
Data File : VN064614.D
Acq On : 13 Nov 2020 5:46
Operator : JC/MD
Sample : L4622-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 48 Sample Multiplier: 1

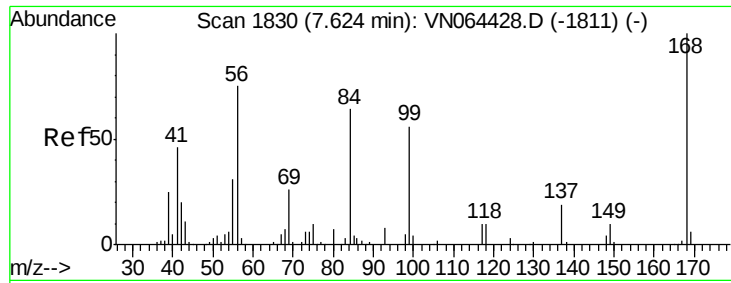
Instrument :
MSVOA_N
ClientSampleId :
PAV-B12-110220-0-1

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Quant Time: Nov 13 06:35:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 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: VN064614.D

Acq: 13 Nov 2020 5:46

Instrument :

MSVOA_N

ClientSampleId :

PAV-B12-110220-0-1

Tot Ion:168 Resp: 218062

Ion Ratio Lower Upper

168 100

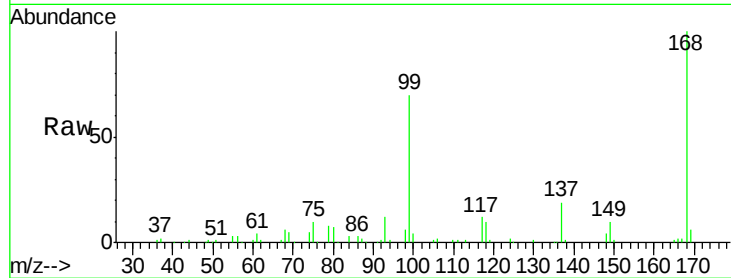
99 69.8 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

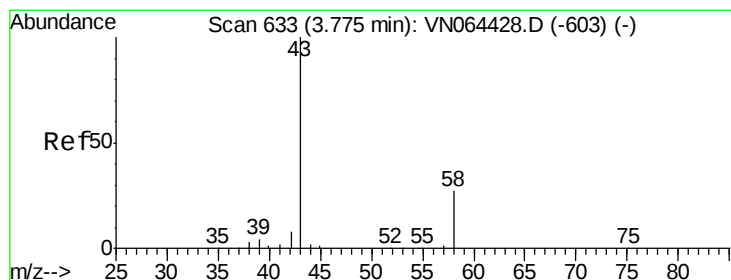
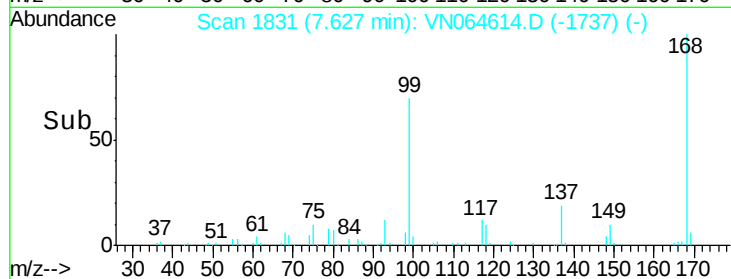
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 12.317 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064614.D

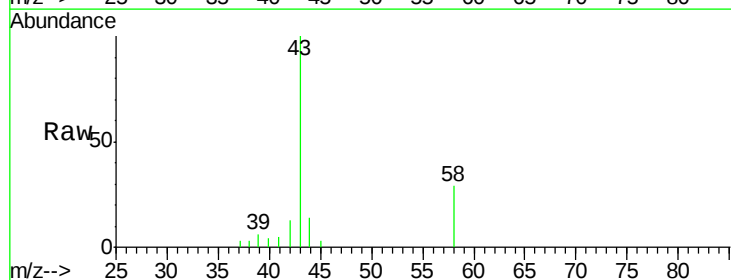
Acq: 13 Nov 2020 5:46

Tgt Ion: 43 Resp: 17821

Ion Ratio Lower Upper

43 100

58 30.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

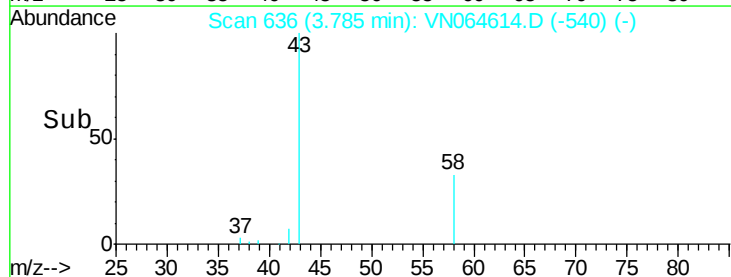
6000

4000

2000

0

Time--> 3.70 3.75 3.80 3.85





#18

Methyl Acetate

Concen: 1.965 ug/l m

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064614.D

Acq: 13 Nov 2020 5:46

Instrument :

MSVOA_N

ClientSampleId :

PAV-B12-110220-0-1

Tot Ion: 43 Resp: 5590

Ion Ratio Lower Upper

43 100

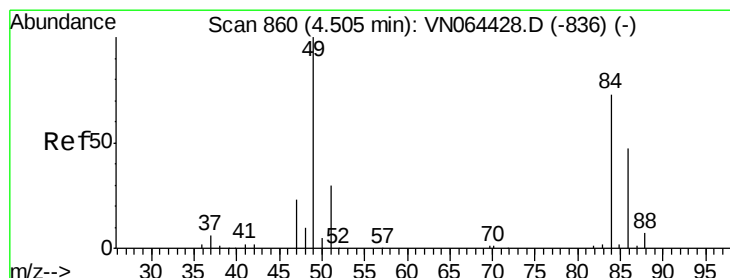
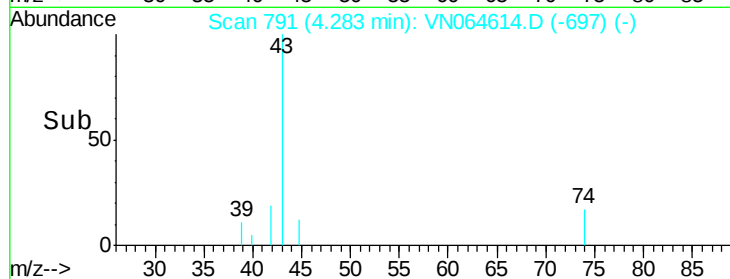
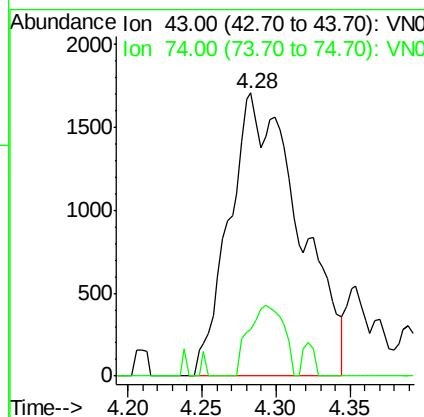
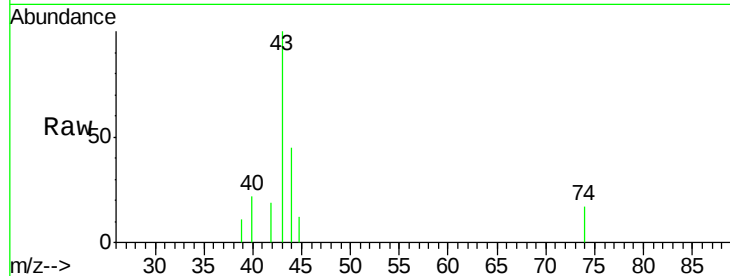
74 12.5 17.0 25.4#

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#20

Methylene Chloride

Concen: 2.543 ug/l m

RT: 4.51 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN064614.D

Acq: 13 Nov 2020 5:46

Tgt Ion: 84 Resp: 7301

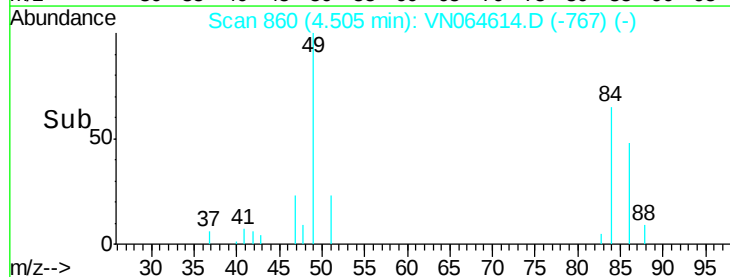
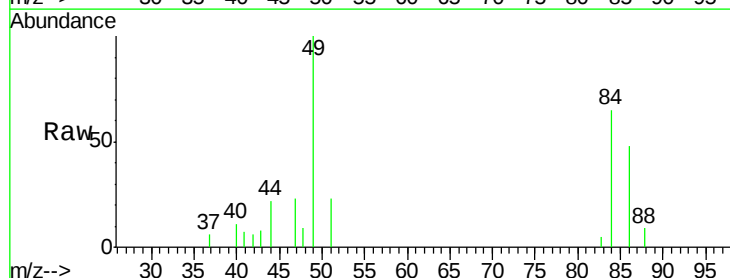
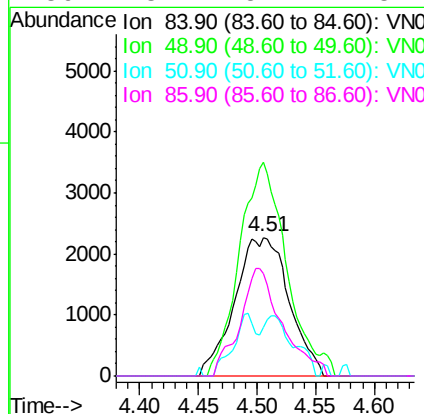
Ion Ratio Lower Upper

84 100

49 154.3 110.1 165.1

51 34.7 33.6 50.4

86 73.7 52.1 78.1





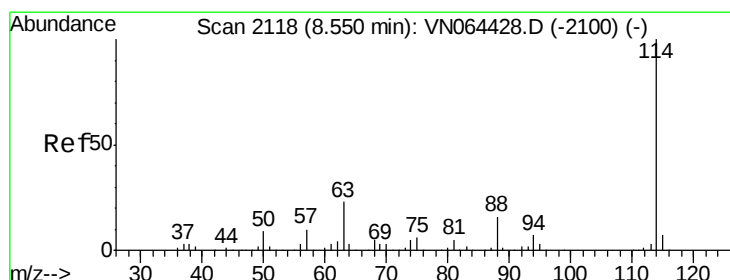
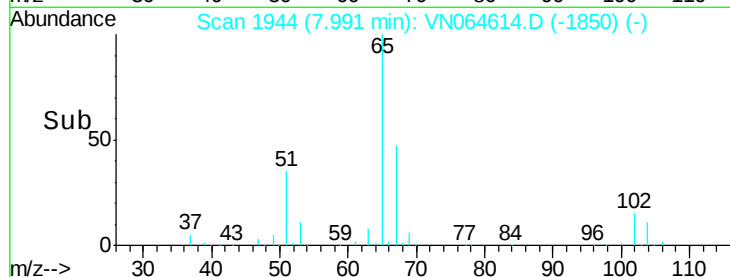
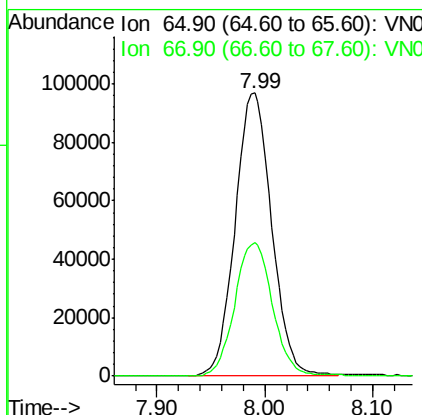
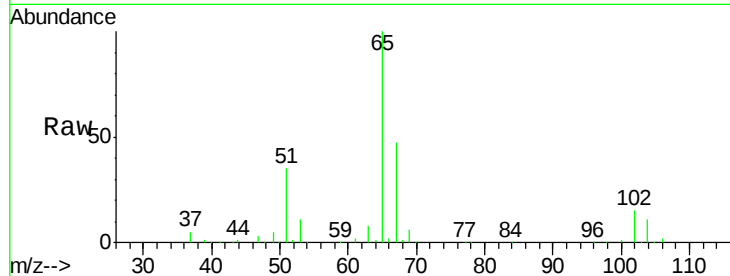
#33
 1,2-Dichloroethane-d4
 Concen: 60.187 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064614.D
 Acq: 13 Nov 2020 5:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B12-110220-0-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	228610		
67	48.9	0.0	101.6	

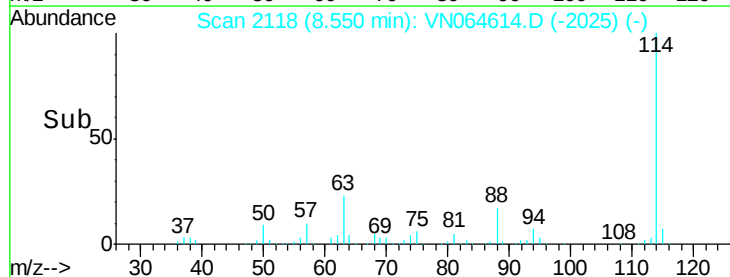
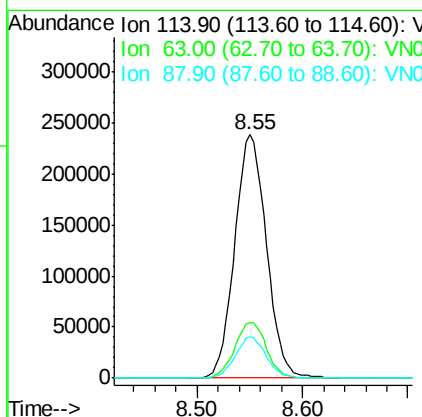
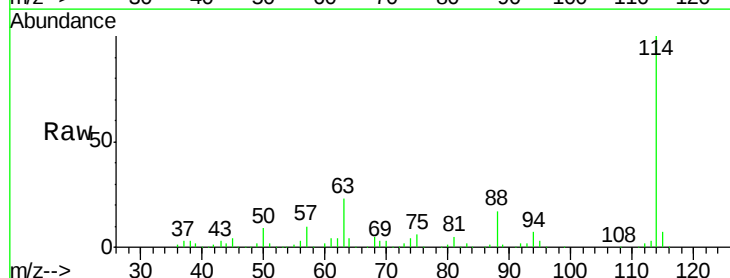
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064614.D
 Acq: 13 Nov 2020 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	498160		
63	22.8	0.0	45.6	
88	16.9	0.0	32.8	





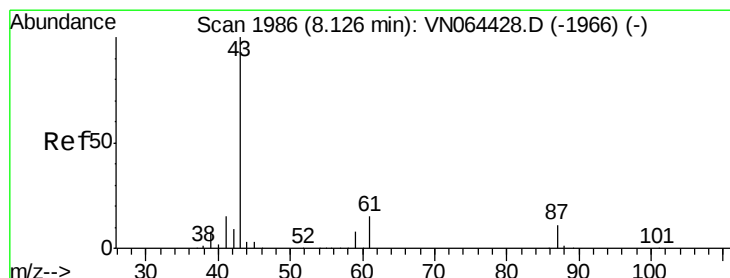
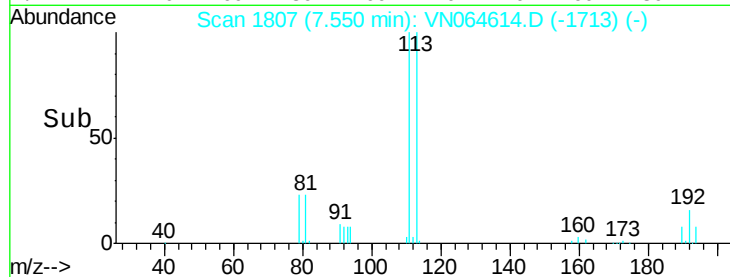
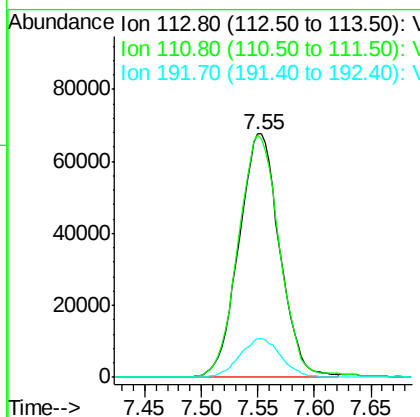
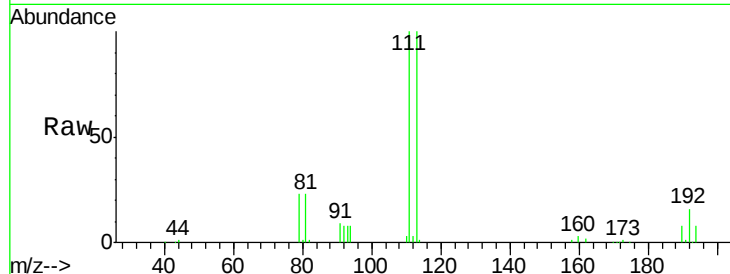
#35
 Dibromofluoromethane
 Concen: 50.029 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064614.D
 Acq: 13 Nov 2020 5:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B12-110220-0-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	169687		
111	101.2	81.1	121.7	
192	16.2	12.8	19.2	

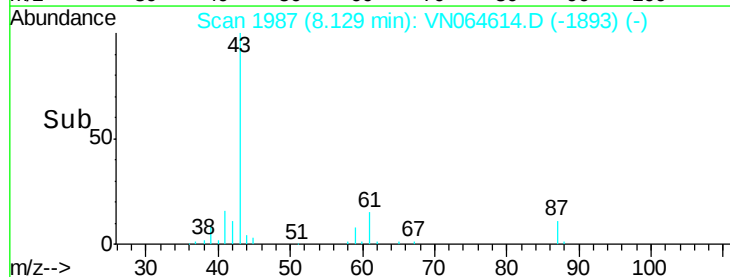
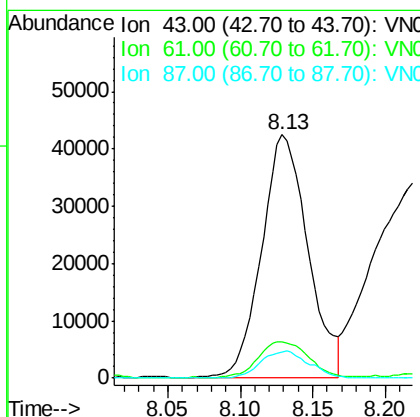
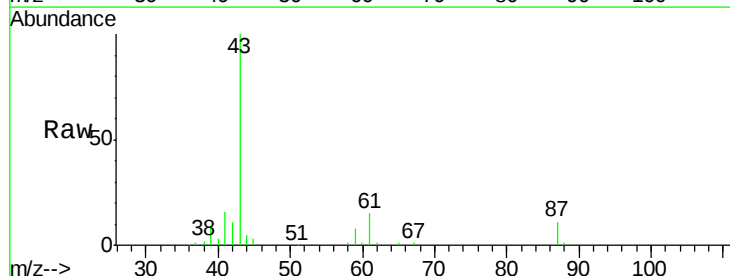
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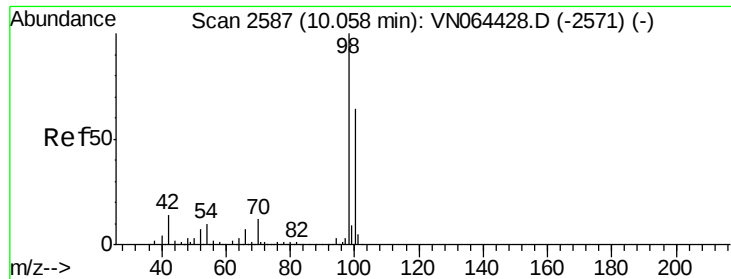
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#43
 Isopropyl Acetate
 Concen: 11.100 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064614.D
 Acq: 13 Nov 2020 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	94666		
61	16.4	14.0	21.0	
87	11.4	9.1	13.7	





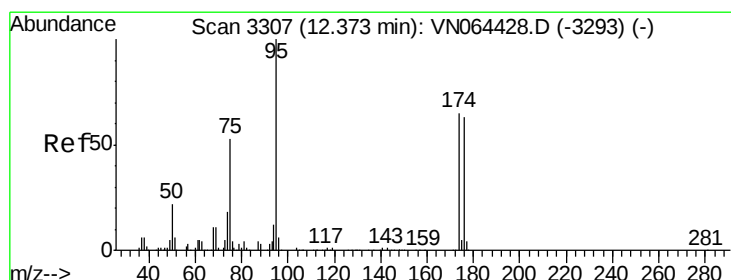
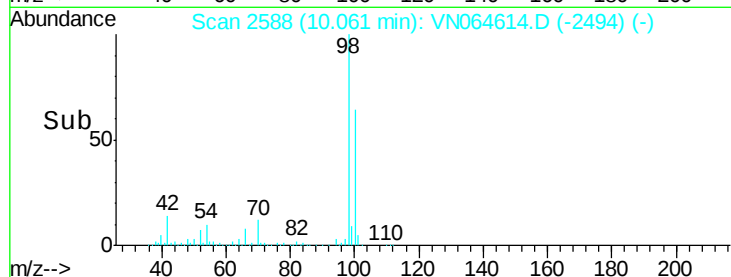
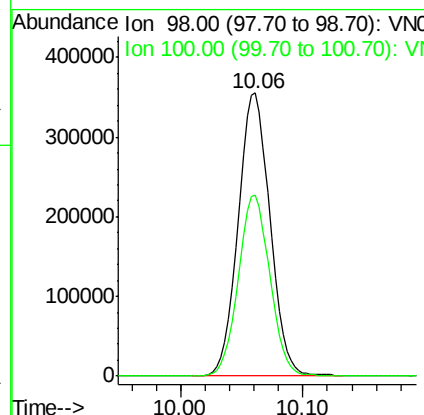
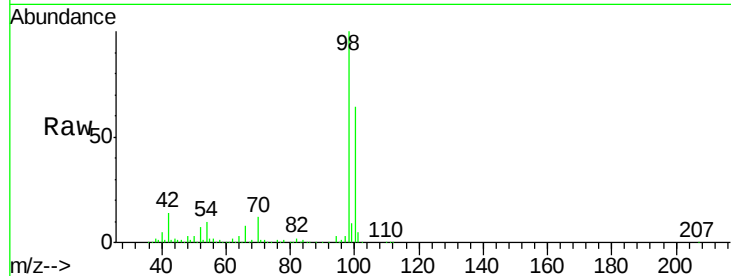
#50
Toluene-d8
Concen: 49.036 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064614.D
Acq: 13 Nov 2020 5:46

Instrument :
MSVOA_N
ClientSampleId :
PAV-B12-110220-0-1

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	63.3	50.7	76.1	

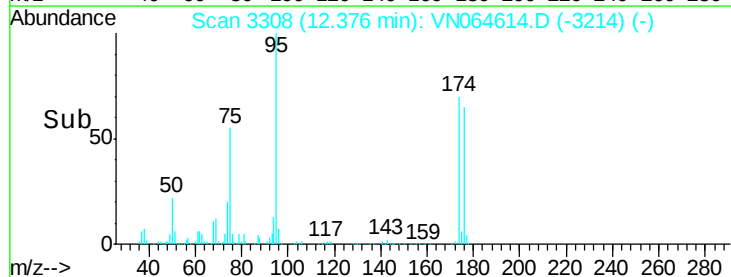
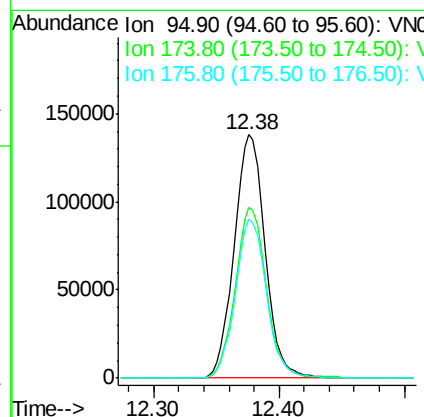
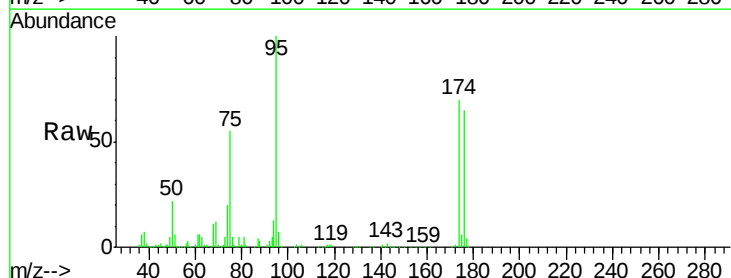
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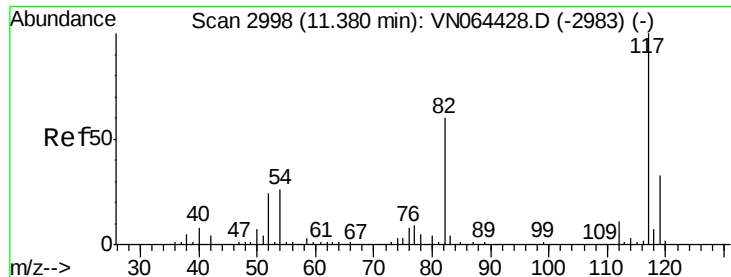
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#62
4-Bromofluorobenzene
Concen: 47.791 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064614.D
Acq: 13 Nov 2020 5:46

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	70.4	0.0	132.6	
176	65.5	0.0	129.2	





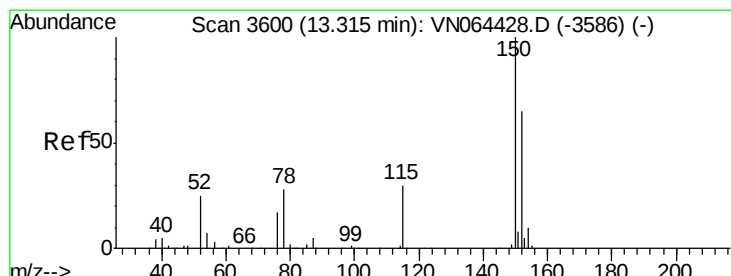
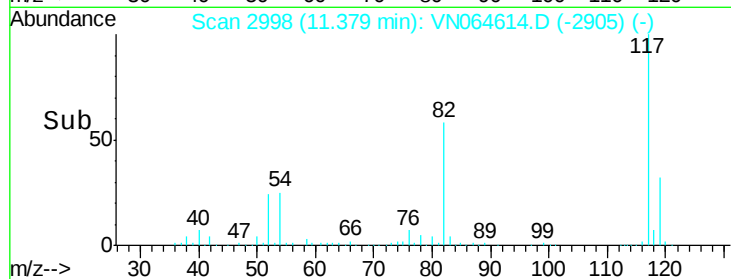
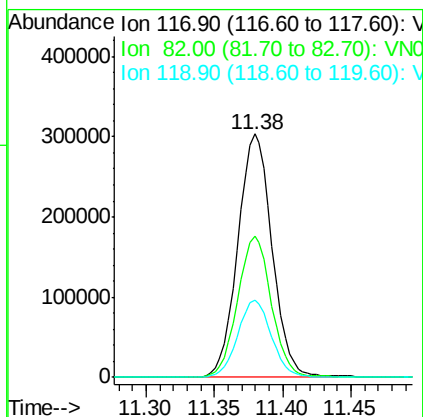
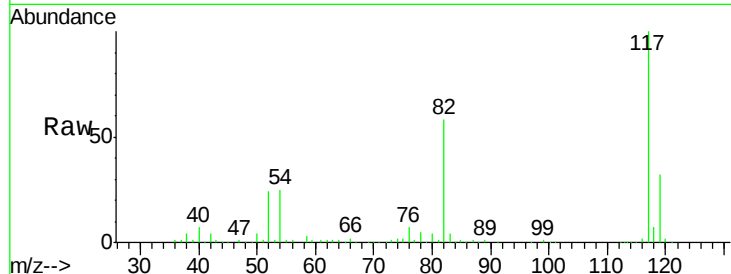
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064614.D
Acq: 13 Nov 2020 5:46

Instrument :
MSVOA_N
ClientSampleId :
PAV-B12-110220-0-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	48.1	72.1
119	32.0	26.2	39.4

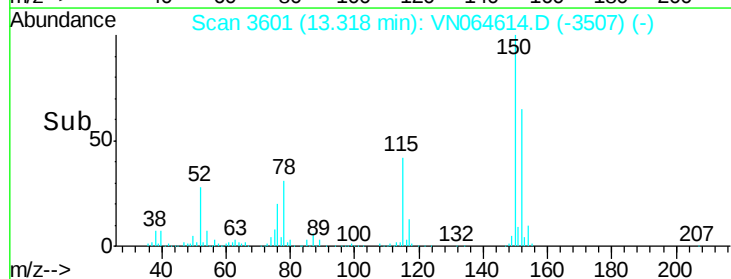
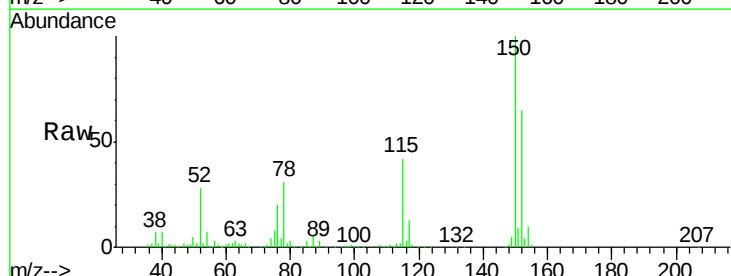
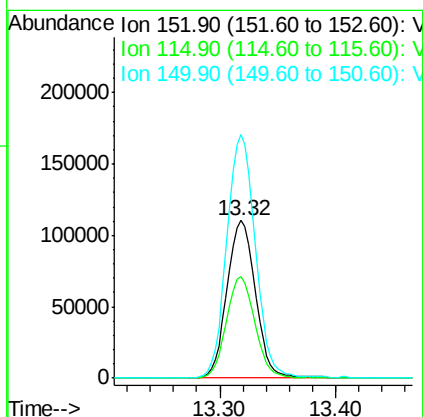
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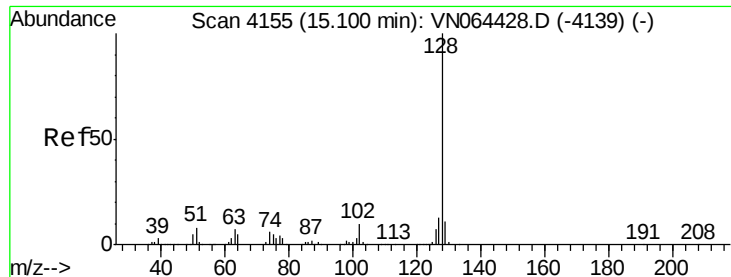
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064614.D
Acq: 13 Nov 2020 5:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.0	96.0
150	154.4	0.0	353.8





#95
Naphthalene
Concen: 3.958 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064614.D
Acq: 13 Nov 2020 5:46

Instrument :
MSVOA_N
ClientSampleId :
PAV-B12-110220-0-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.5	15.7
129	4.6	8.8	13.2#

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