

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064615.D
 Acq On : 13 Nov 2020 6:10
 Operator : JC/MD
 Sample : L4622-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B12-110320-16-17

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:43:54 AM

Quant Time: Nov 13 07:43:07 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	220056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	499311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	522024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	230707	60.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.38%	
35) Dibromofluoromethane	7.55	113	166376	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	10.06	98	637291	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.38	95	232958	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
Target Compounds						
16) Acetone	3.78	43	19989m	13.690	ug/l	
18) Methyl Acetate	4.30	43	5492	1.913	ug/l #	86
20) Methylene Chloride	4.50	84	7233	2.497	ug/l	94
43) Isopropyl Acetate	8.13	43	94535	11.059	ug/l	97

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

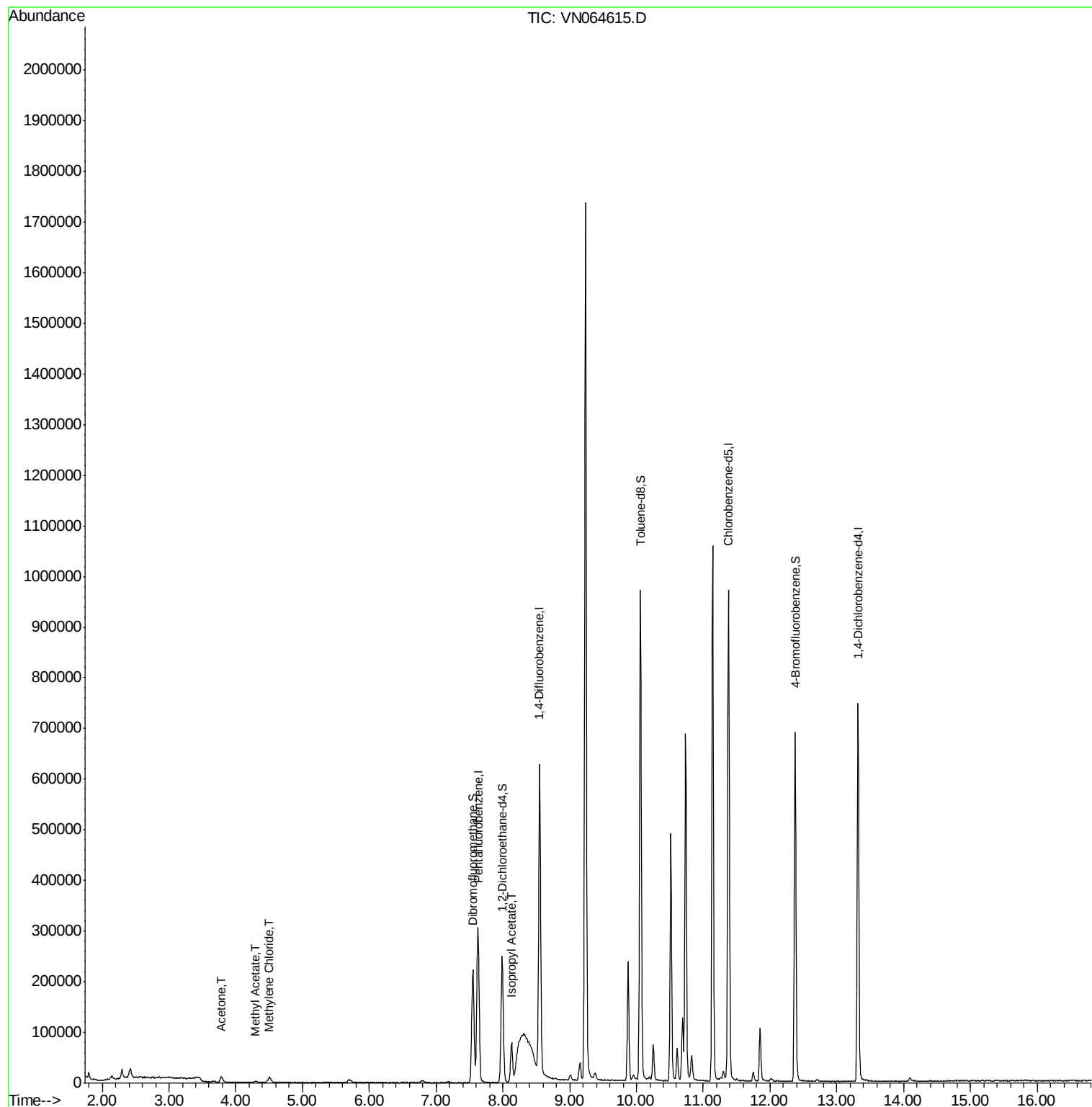
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
Data File : VN064615.D
Acq On : 13 Nov 2020 6:10
Operator : JC/MD
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Quant Time: Nov 13 07:43:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064615.D

Acq: 13 Nov 2020 6:10

Instrument :

MSVOA_N

ClientSampleId :

PAV-B12-110320-16-17

Tot Ion:168 Resp: 220056

Ion Ratio Lower Upper

168 100

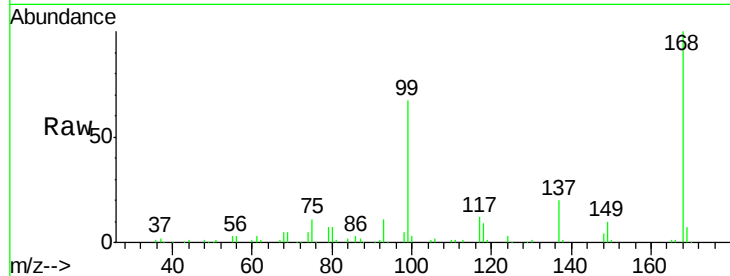
99 66.5 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

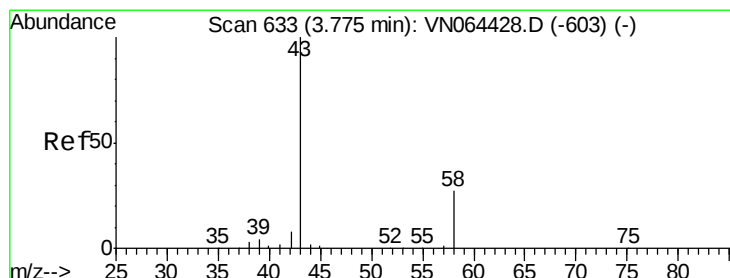
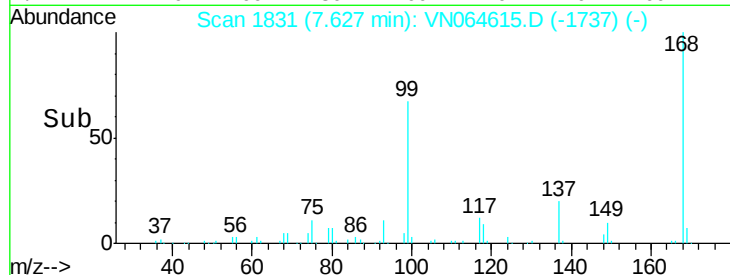
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 13.690 ug/l m

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064615.D

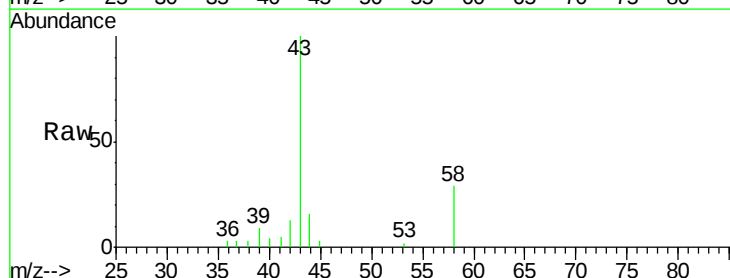
Acq: 13 Nov 2020 6:10

Tgt Ion: 43 Resp: 19989

Ion Ratio Lower Upper

43 100

58 28.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

8000

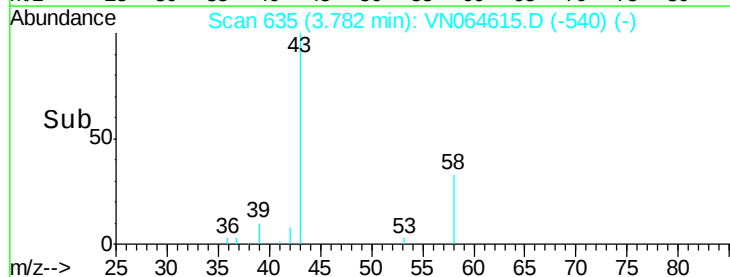
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4000

2000

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Time-->





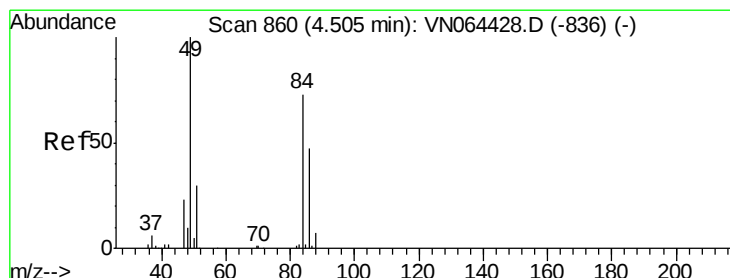
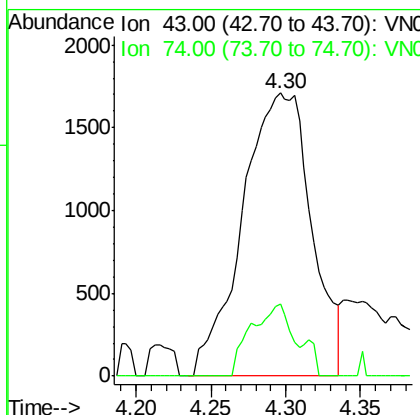
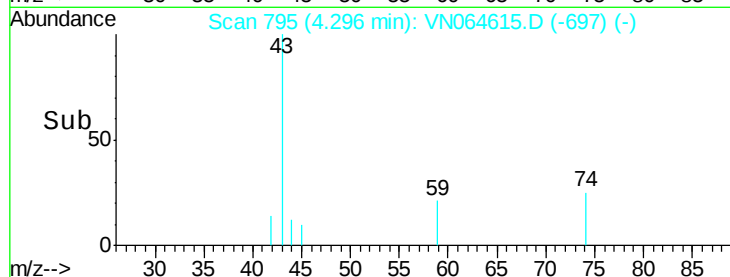
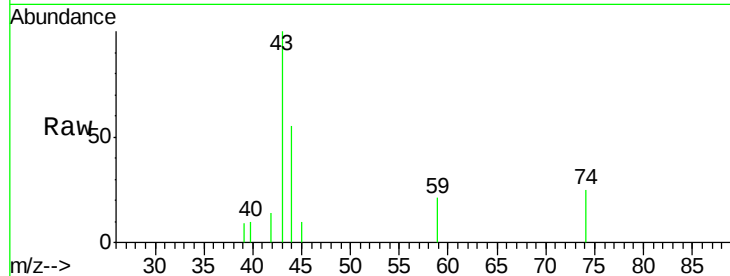
#18
Methyl Acetate
Concen: 1.913 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064615.D
Acq: 13 Nov 2020 6:10

Instrument :
MSVOA_N
ClientSampleId :
PAV-B12-110320-16-17

Tot Ion: 43 Resp: 5492
Ion Ratio Lower Upper
43 100
74 14.7 17.0 25.4#

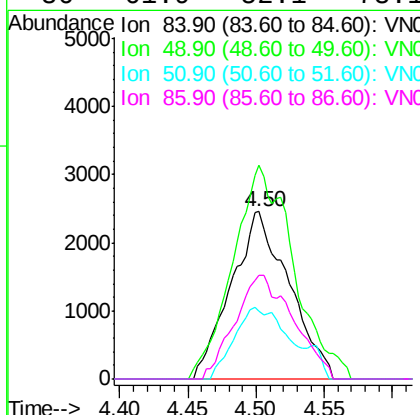
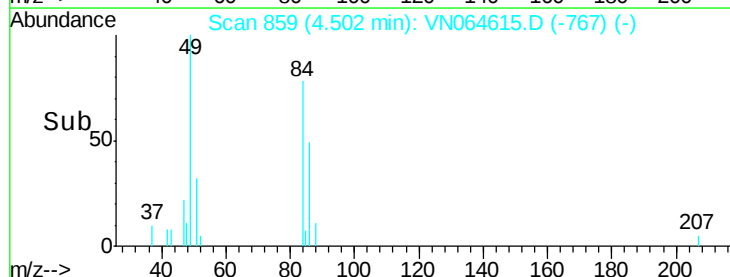
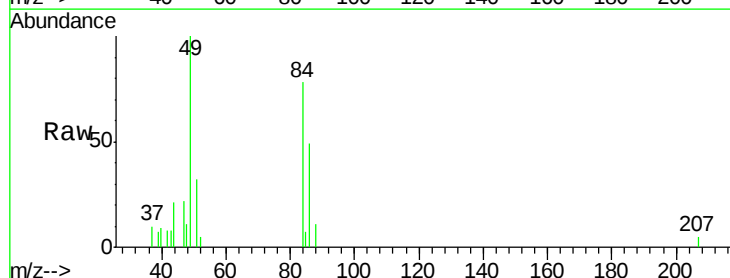
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#20
Methylene Chloride
Concen: 2.497 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064615.D
Acq: 13 Nov 2020 6:10

Tgt Ion: 84 Resp: 7233
Ion Ratio Lower Upper
84 100
49 127.5 110.1 165.1
51 40.8 33.6 50.4
86 61.9 52.1 78.1





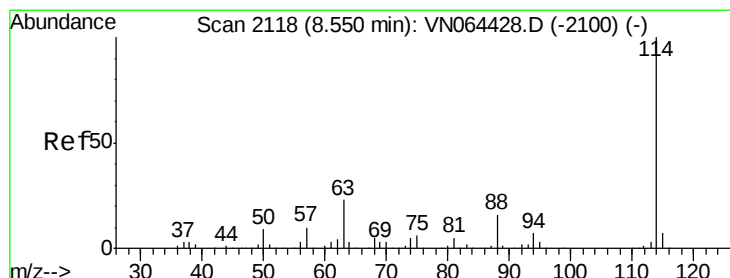
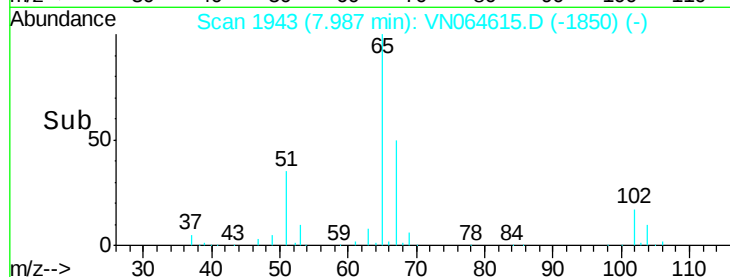
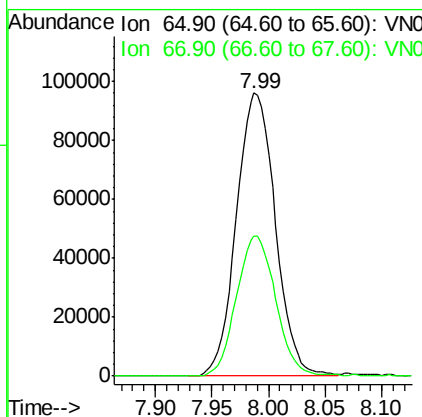
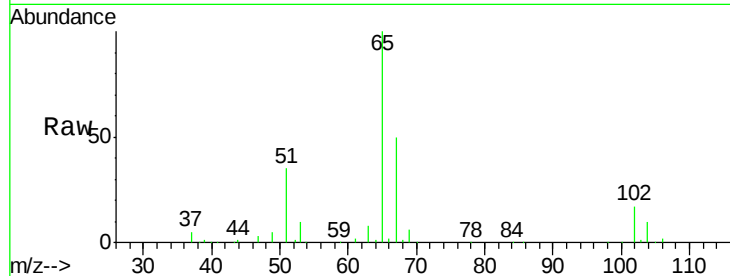
#33
 1,2-Dichloroethane-d4
 Concen: 60.189 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064615.D
 Acq: 13 Nov 2020 6:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B12-110320-16-17

Tot Ion	Ratio	Resp	Lower	Upper
65	100	230707		
67	49.5	0.0	101.6	

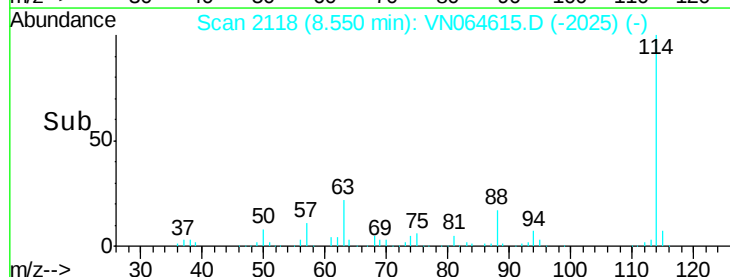
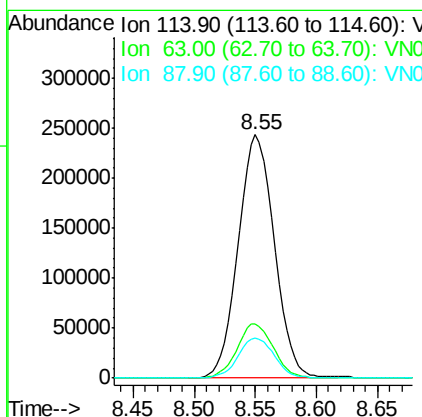
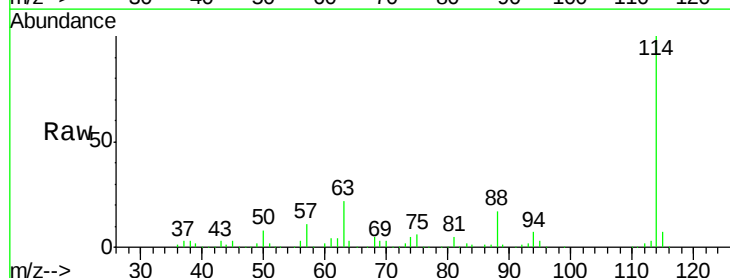
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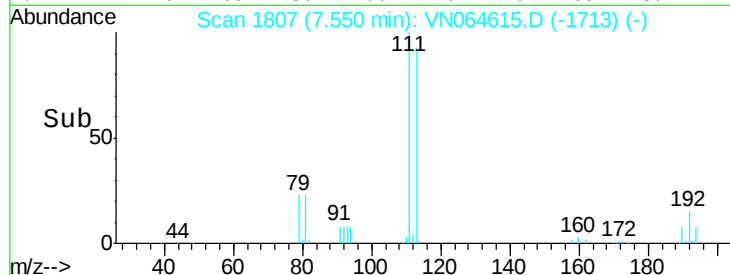
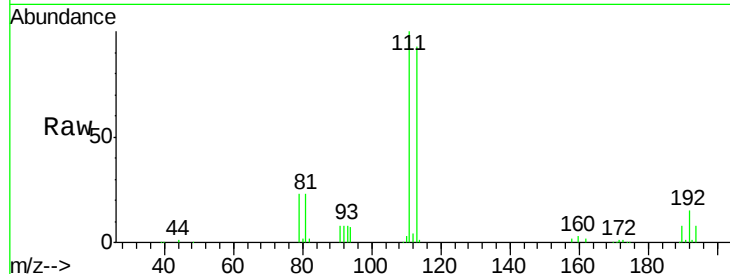
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064615.D
 Acq: 13 Nov 2020 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	499311		
63	22.4	0.0	45.6	
88	16.5	0.0	32.8	





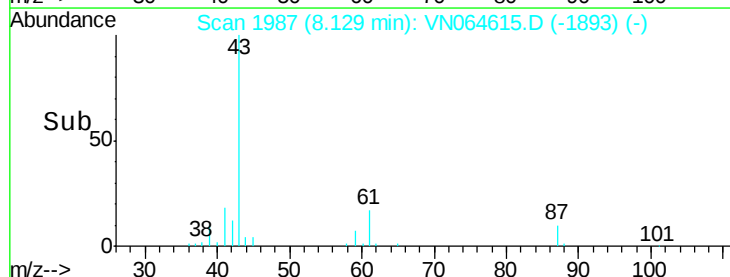
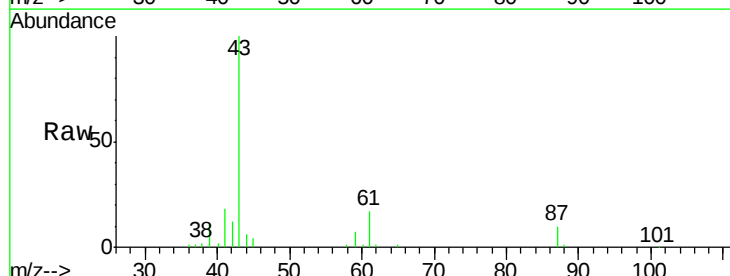
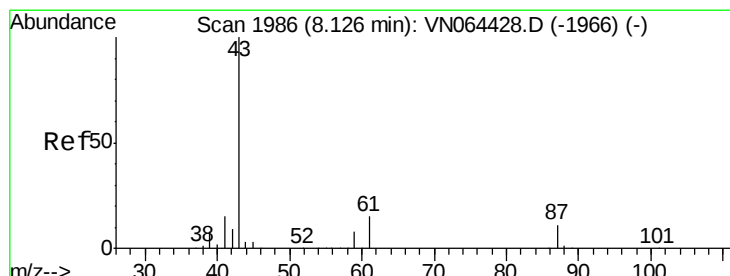
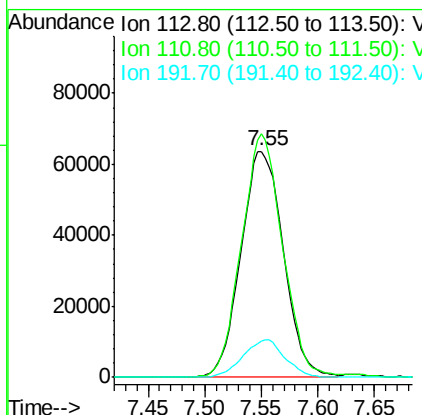
#35
 Dibromofluoromethane
 Concen: 48.940 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064615.D
 Acq: 13 Nov 2020 6:10

Tot Ion:	113	Resp:	166376
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.1	121.7
192	16.4	12.8	19.2

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B12-110320-16-17

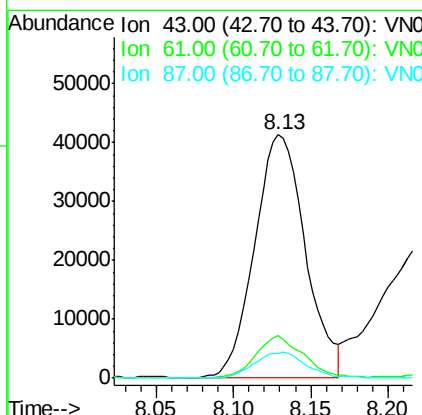
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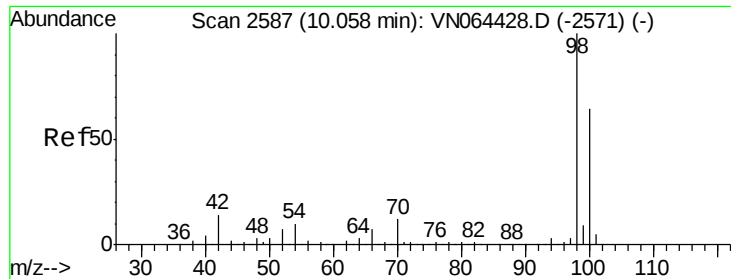
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#43
 Isopropyl Acetate
 Concen: 11.059 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064615.D
 Acq: 13 Nov 2020 6:10

Tgt Ion:	43	Resp:	94535
Ion	Ratio	Lower	Upper
43	100		
61	16.3	14.0	21.0
87	10.5	9.1	13.7





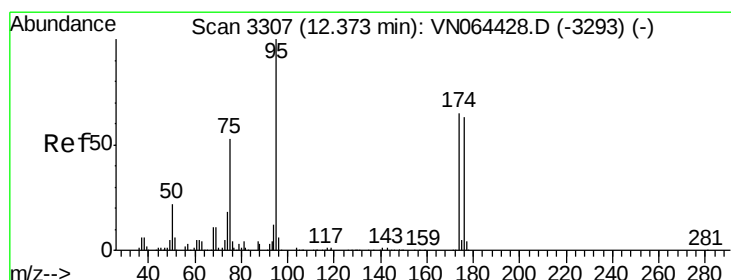
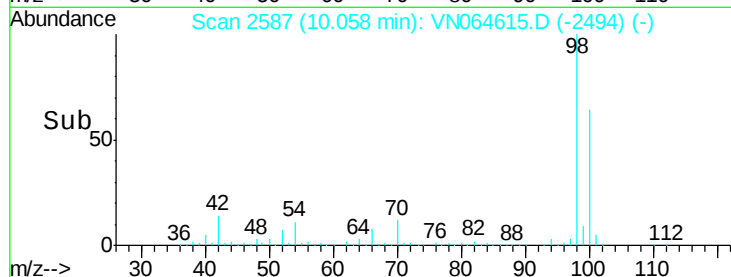
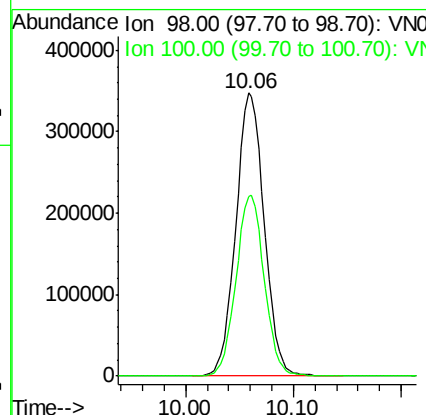
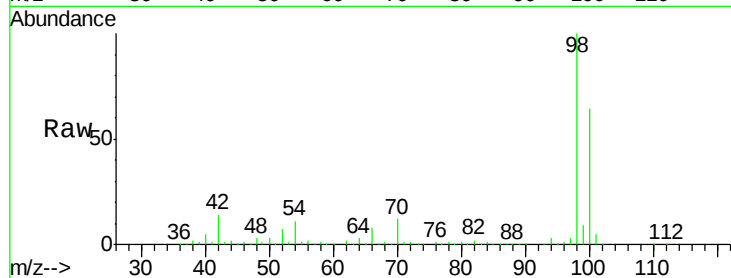
#50
Toluene-d8
Concen: 48.502 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064615.D
Acq: 13 Nov 2020 6:10

Instrument :
MSVOA_N
ClientSampleId :
PAV-B12-110320-16-17

Tot Ion: 98 Resp: 637291
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1

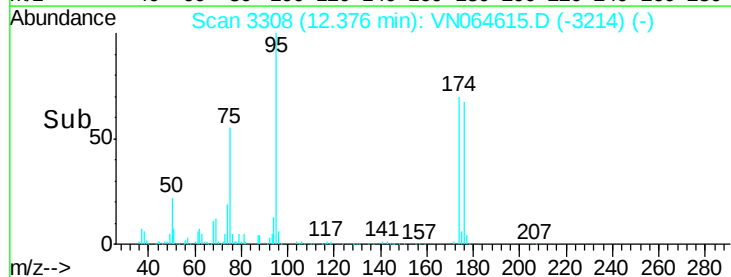
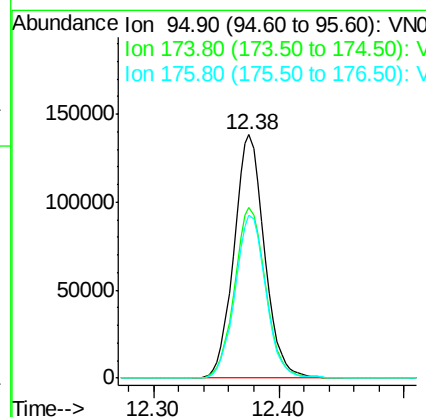
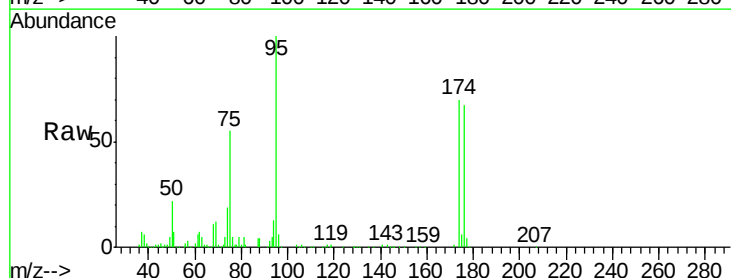
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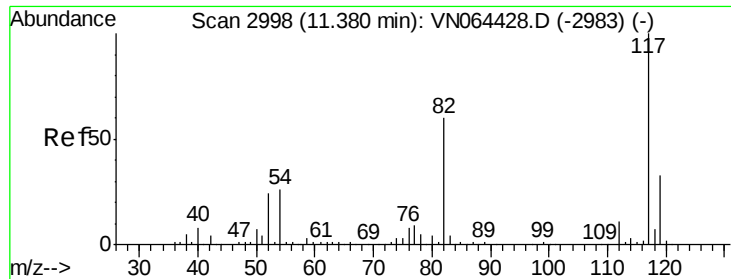
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#62
4-Bromofluorobenzene
Concen: 46.880 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064615.D
Acq: 13 Nov 2020 6:10

Tgt Ion: 95 Resp: 232958
Ion Ratio Lower Upper
95 100
174 71.3 0.0 132.6
176 67.8 0.0 129.2





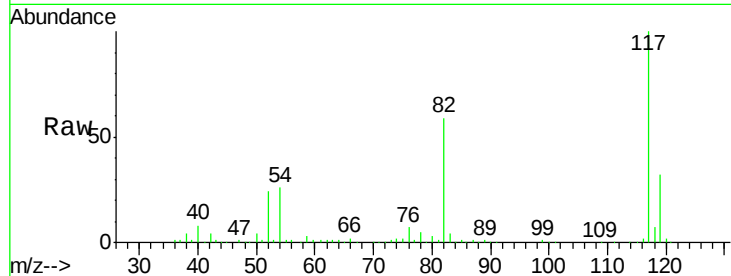
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064615.D
Acq: 13 Nov 2020 6:10

Instrument :
MSVOA_N
ClientSampleId :
PAV-B12-110320-16-17

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	48.1	72.1
119	32.5	26.2	39.4

Manual Integrations
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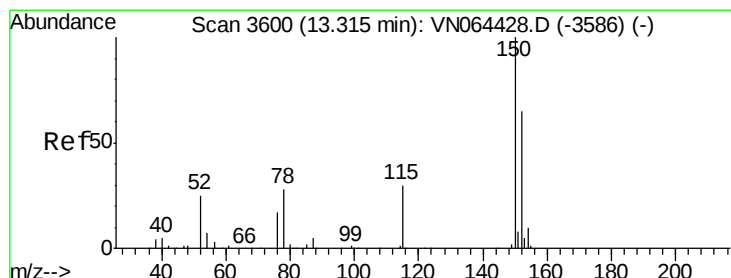
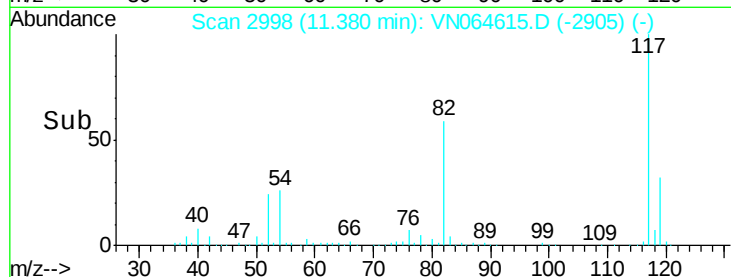
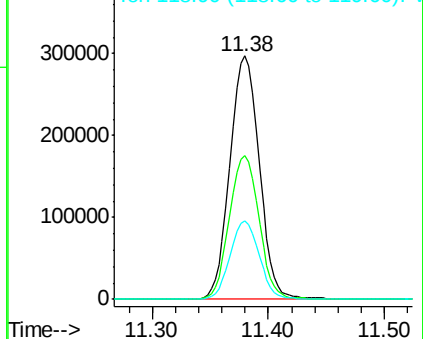


Abundance

Ion 116.90 (116.60 to 117.60): V

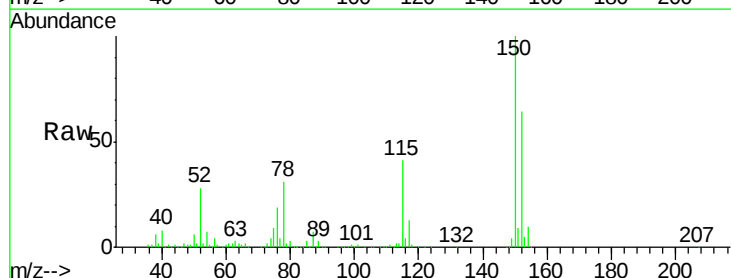
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064615.D
Acq: 13 Nov 2020 6:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	32.0	96.0
150	155.7	0.0	353.8



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

