

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064616.D
 Acq On : 13 Nov 2020 6:34
 Operator : JC/MD
 Sample : L4631-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B11-110420-0-1

Quant Time: Nov 13 07:45:12 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

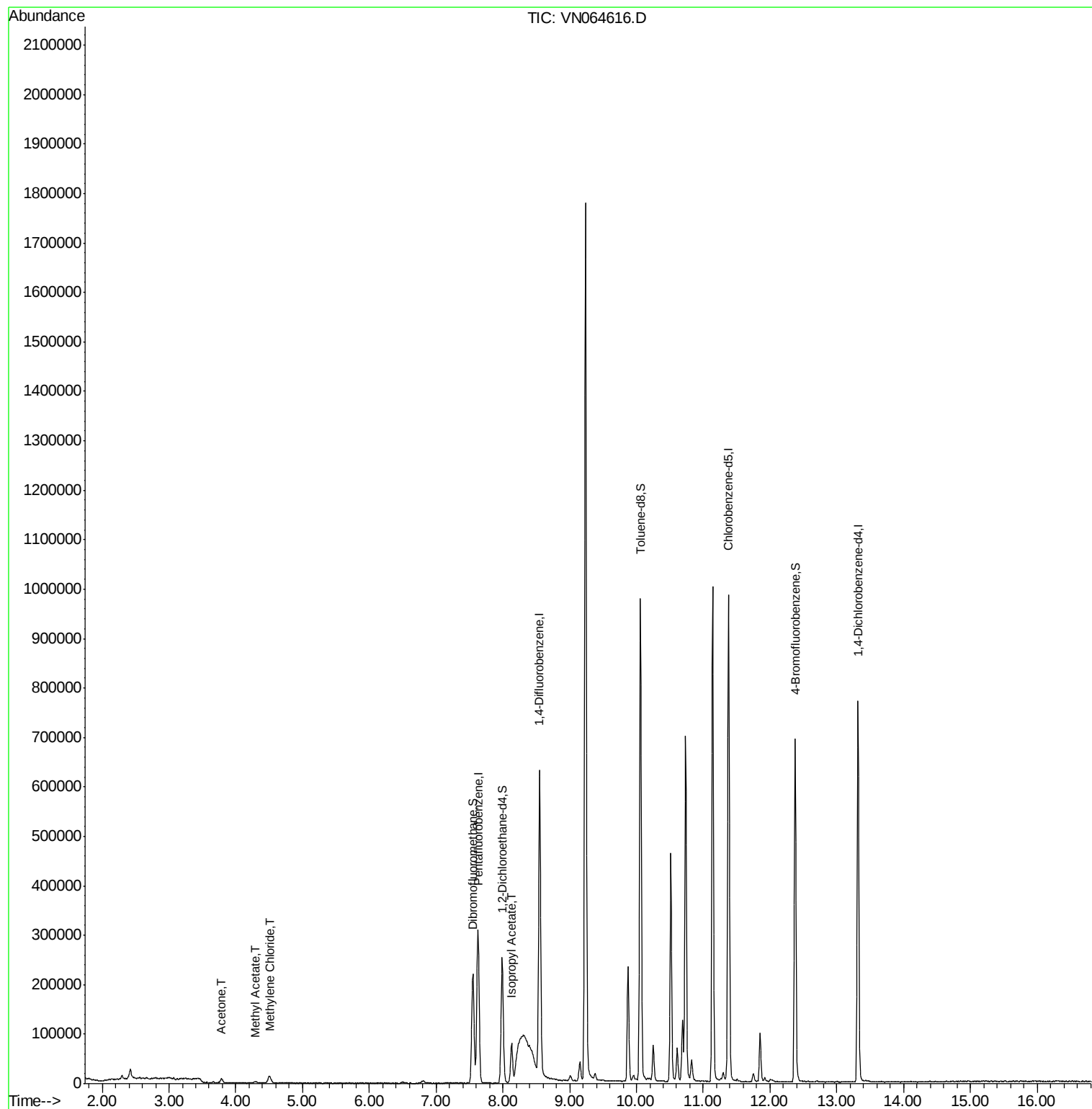
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	221038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	529252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	229247	59.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.08%	
35) Dibromofluoromethane	7.55	113	170089	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	10.06	98	643709	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.38	95	239720	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
16) Acetone	3.78	43	13604	9.276	ug/l	95
18) Methyl Acetate	4.29	43	4827	1.674	ug/l	96
20) Methylene Chloride	4.51	84	10710	3.681	ug/l	97
43) Isopropyl Acetate	8.13	43	94731	10.946	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064616.D

Acq: 13 Nov 2020 6:34

Instrument :

MSVOA_N

ClientSampleId :

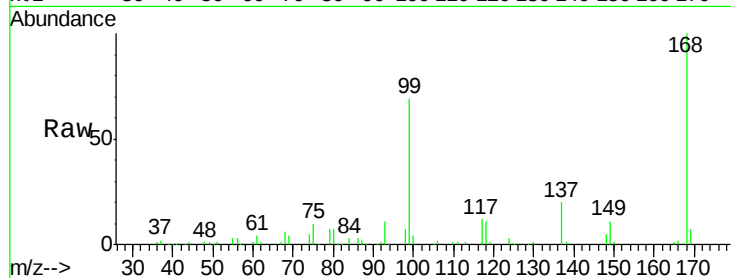
PAV-B11-110420-0-1

Tot Ion:168 Resp: 221038

Ion Ratio Lower Upper

168 100

99 68.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

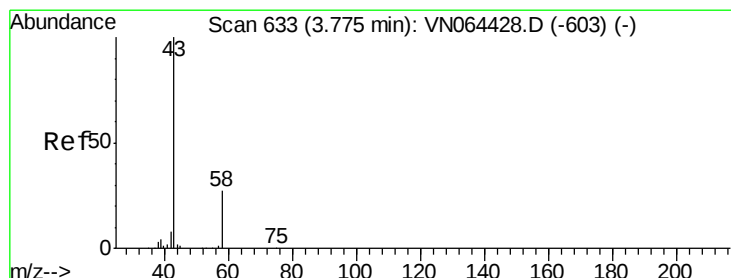
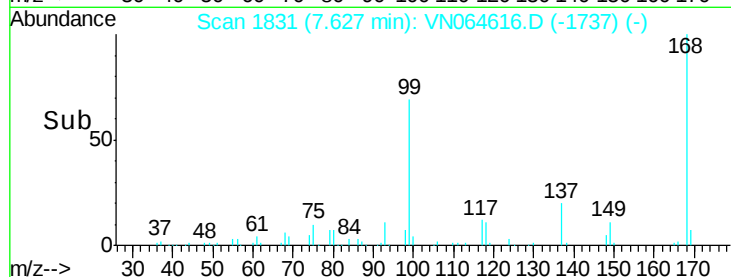
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.276 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064616.D

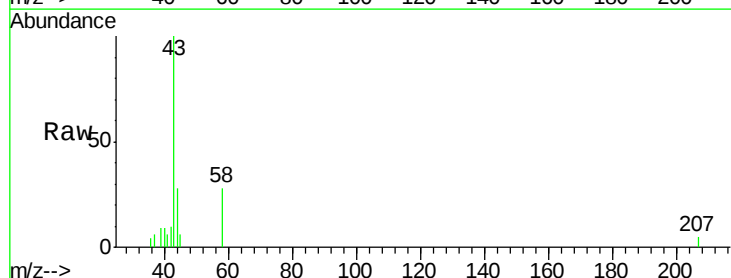
Acq: 13 Nov 2020 6:34

Tgt Ion: 43 Resp: 13604

Ion Ratio Lower Upper

43 100

58 29.4 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

5000

4000

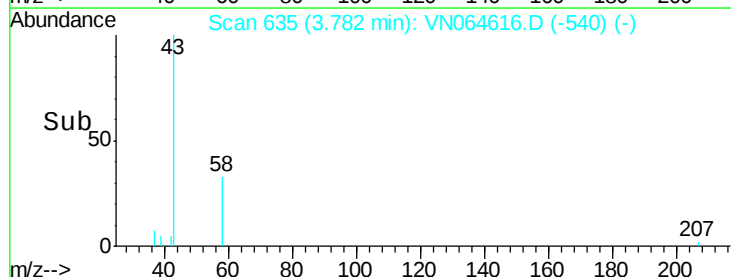
3000

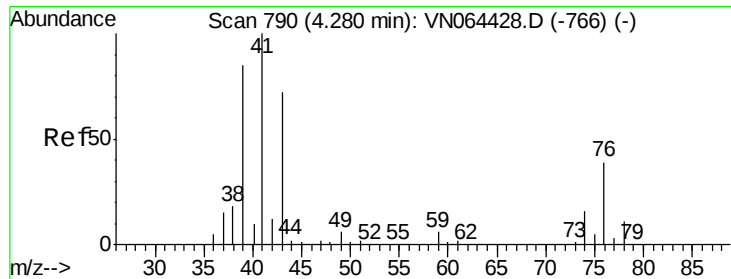
2000

1000

0

Time-->

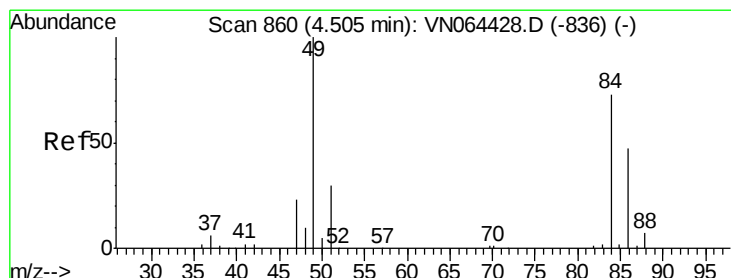
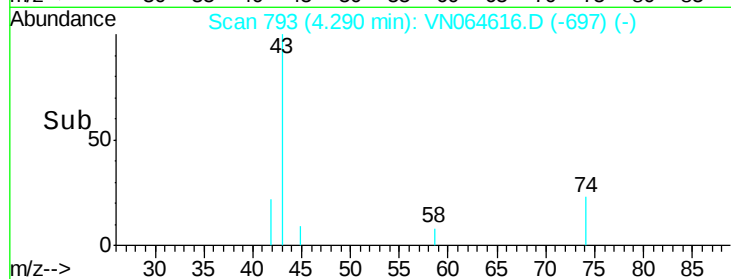
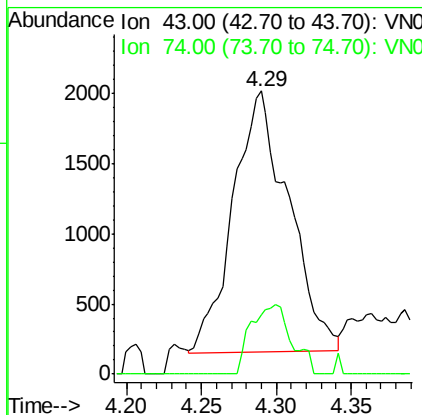
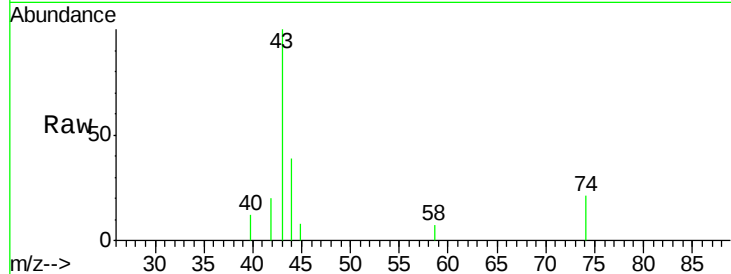




#18
Methyl Acetate
Concen: 1.674 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064616.D
Acq: 13 Nov 2020 6:34

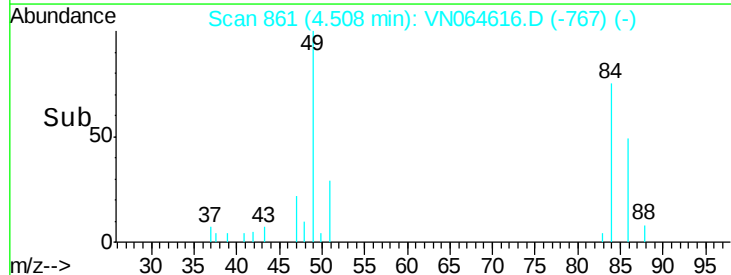
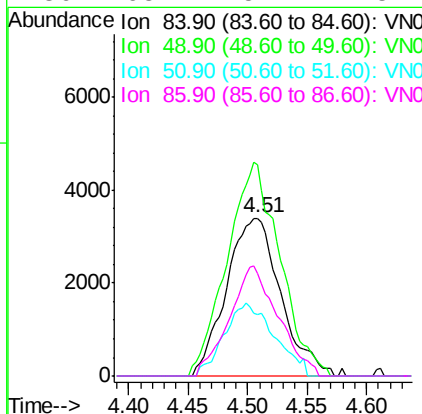
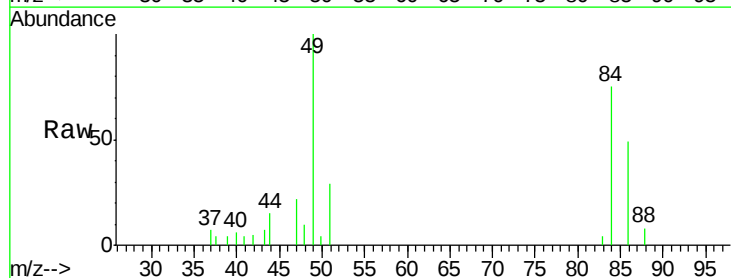
Instrument :
MSVOA_N
ClientSampleId :
PAV-B11-110420-0-1

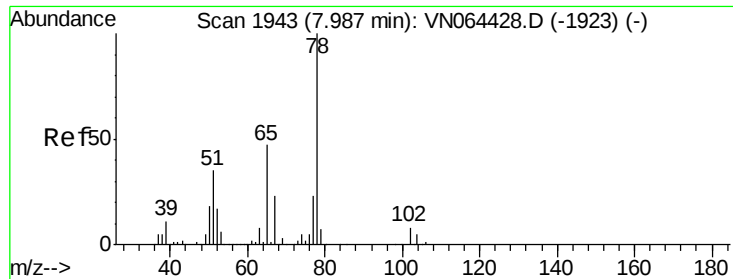
Tot Ion: 43 Resp: 4827
Ion Ratio Lower Upper
43 100
74 19.4 17.0 25.4



#20
Methylene Chloride
Concen: 3.681 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064616.D
Acq: 13 Nov 2020 6:34

Tgt Ion: 84 Resp: 10710
Ion Ratio Lower Upper
84 100
49 133.6 110.1 165.1
51 39.4 33.6 50.4
86 65.1 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 59.543 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064616.D

Acq: 13 Nov 2020 6:34

Instrument :

MSVOA_N

ClientSampleId :

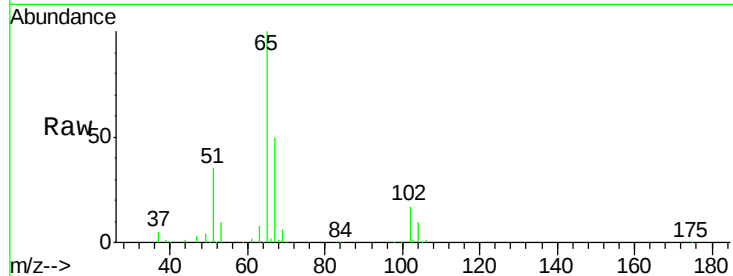
PAV-B11-110420-0-1

Tot Ion: 65 Resp: 229247

Ion Ratio Lower Upper

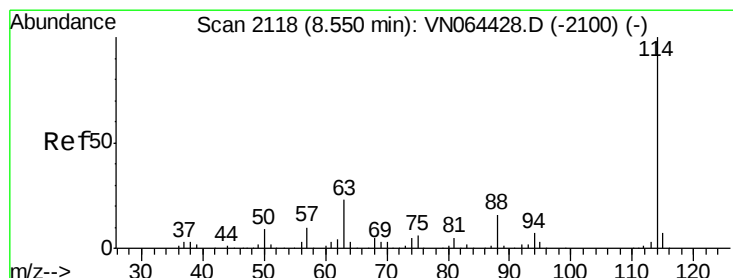
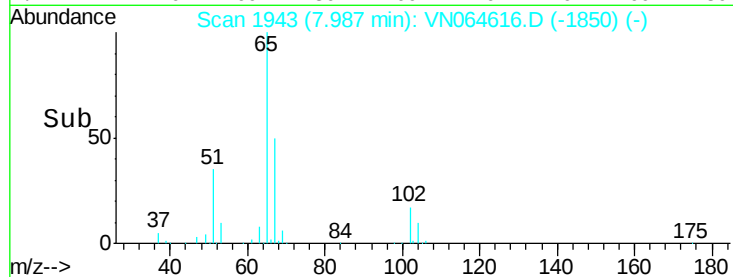
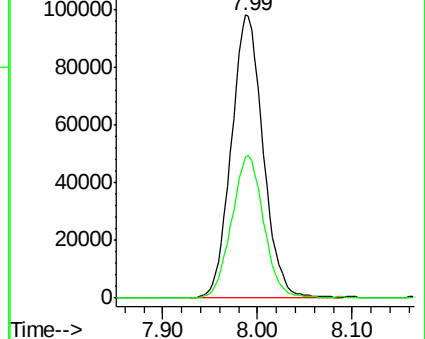
65 100

67 50.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064616.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064616.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064616.D

Acq: 13 Nov 2020 6:34

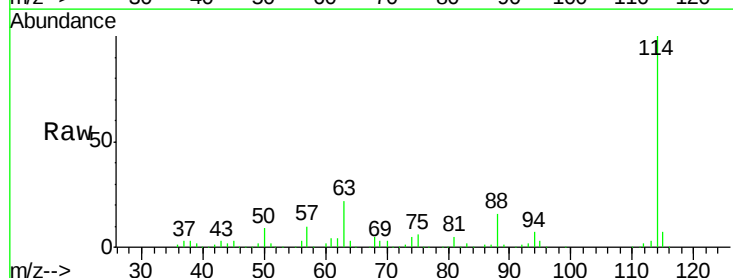
Tgt Ion: 114 Resp: 505511

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

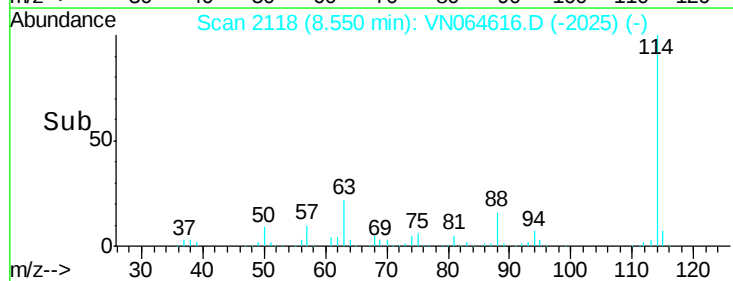
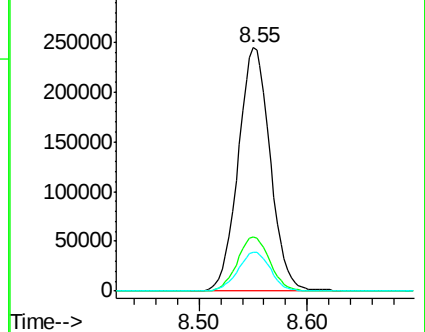
88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064616.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064616.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064616.D (-2025) (-)

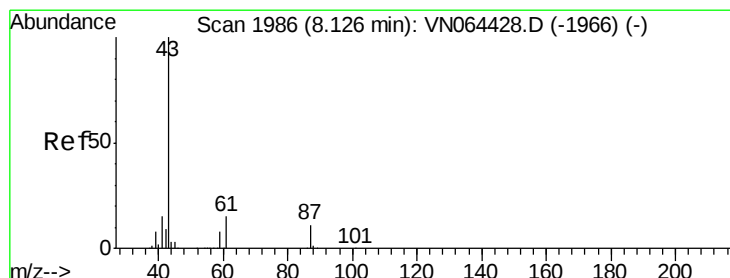
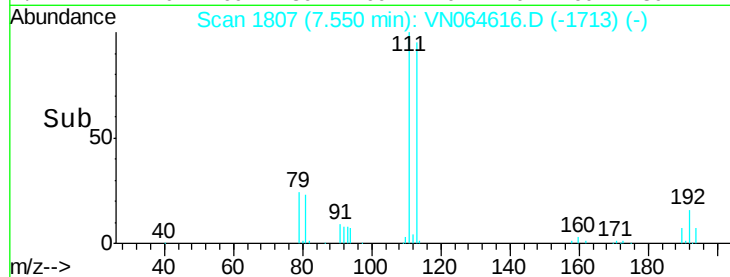
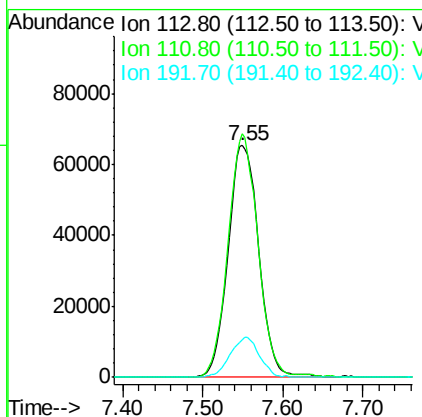
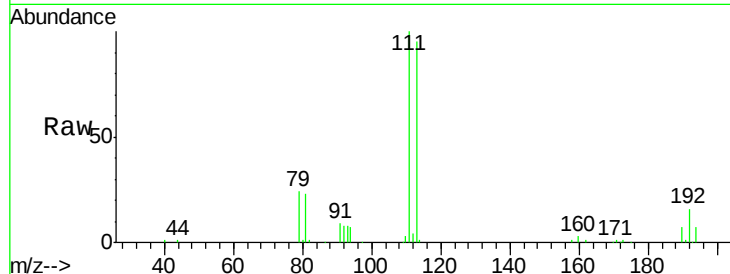




#35
 Dibromofluoromethane
 Concen: 49.418 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064616.D
 Acq: 13 Nov 2020 6:34

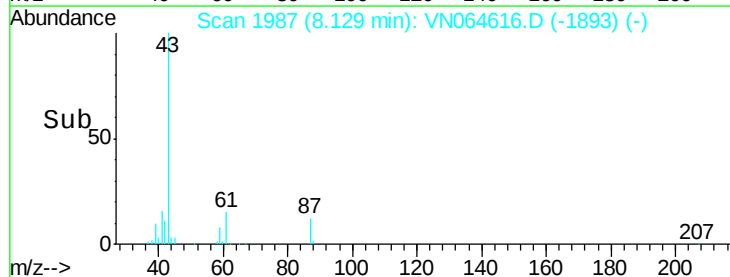
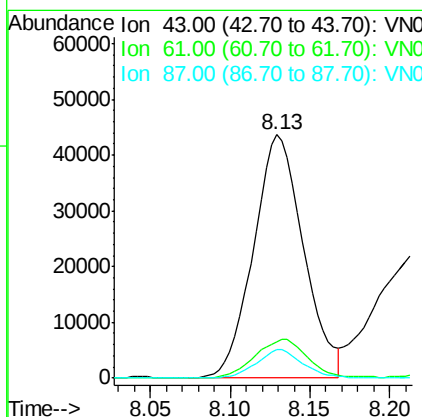
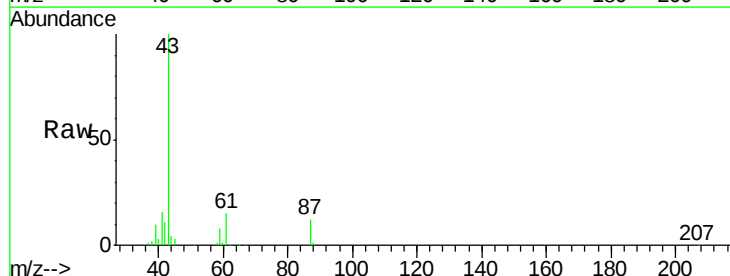
Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B11-110420-0-1

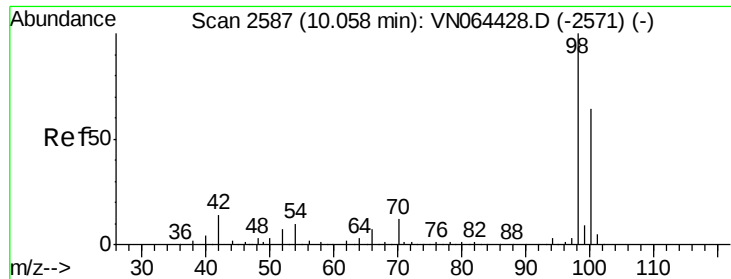
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	16.4	12.8	19.2



#43
 Isopropyl Acetate
 Concen: 10.946 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064616.D
 Acq: 13 Nov 2020 6:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.0	21.0
87	10.8	9.1	13.7





#50

Toluene-d8

Concen: 48.389 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064616.D

Acq: 13 Nov 2020 6:34

Instrument :

MSVOA_N

ClientSampleId :

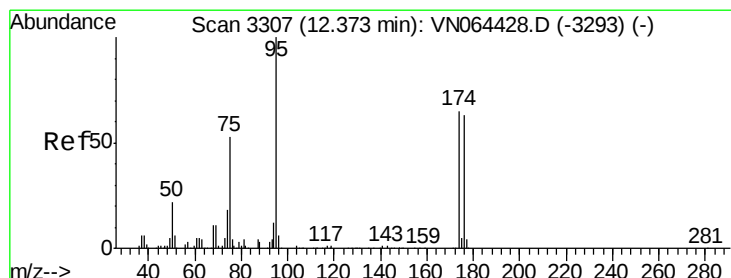
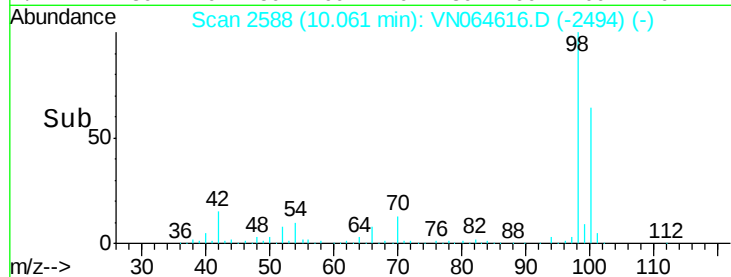
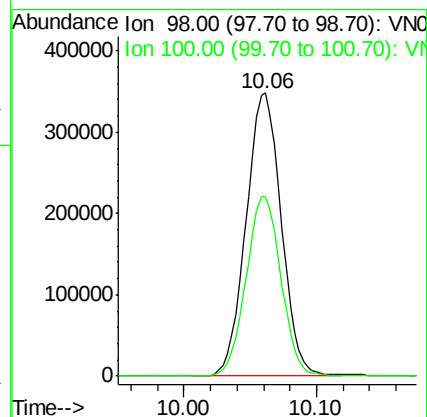
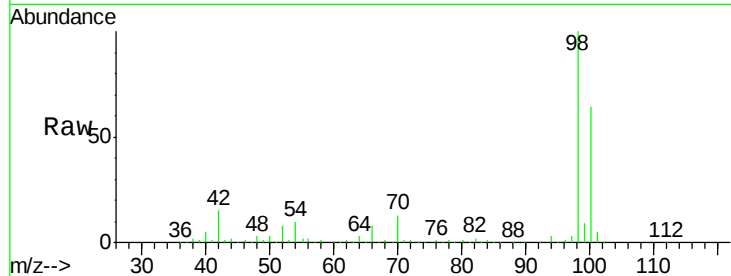
PAV-B11-110420-0-1

Tot Ion: 98 Resp: 643709

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 47.649 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064616.D

Acq: 13 Nov 2020 6:34

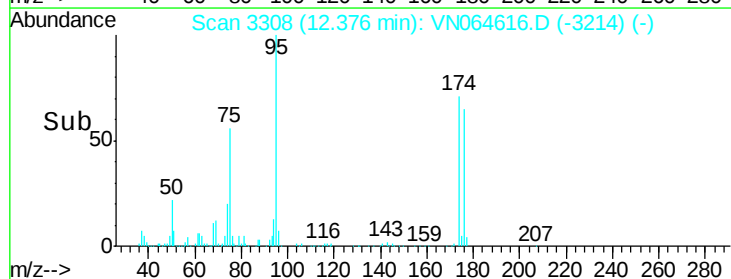
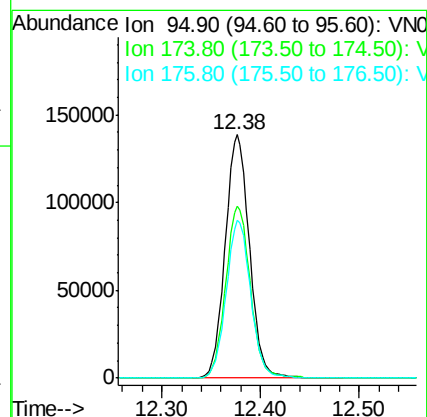
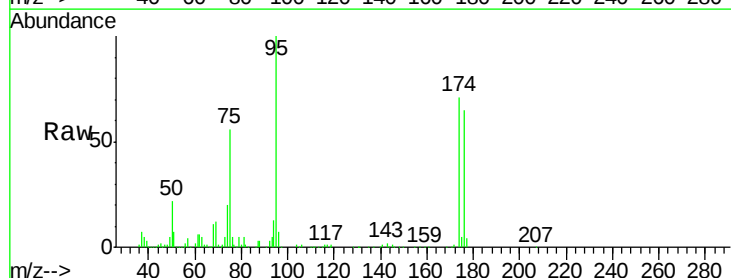
Tgt Ion: 95 Resp: 239720

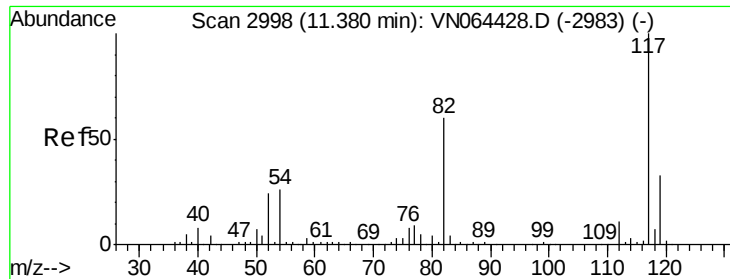
Ion Ratio Lower Upper

95 100

174 71.7 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: VN064616.D

Acq: 13 Nov 2020 6:34

Instrument :

MSVOA_N

ClientSampleId :

PAV-B11-110420-0-1

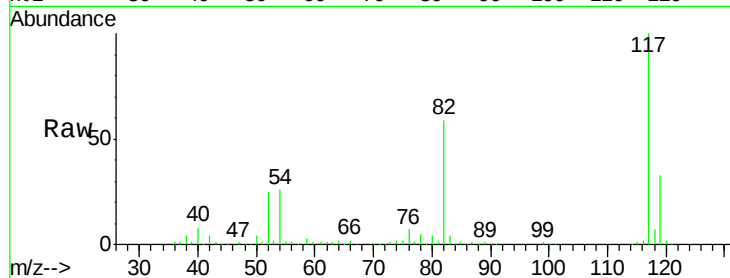
Tot Ion:117 Resp: 529252

Ion Ratio Lower Upper

117 100

82 58.5 48.1 72.1

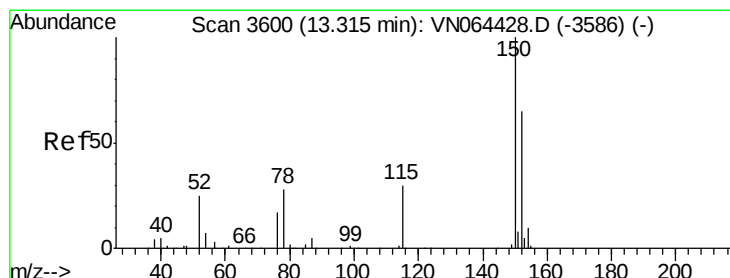
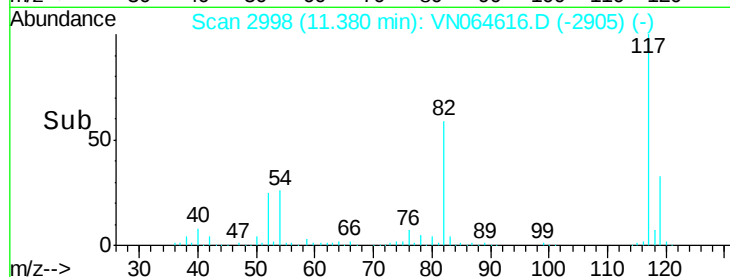
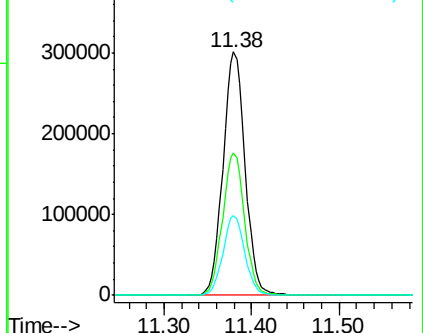
119 32.7 26.2 39.4



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: VN064616.D

Acq: 13 Nov 2020 6:34

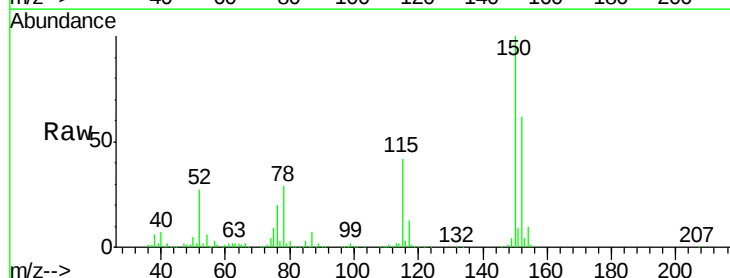
Tgt Ion:152 Resp: 191443

Ion Ratio Lower Upper

152 100

115 64.9 32.0 96.0

150 156.6 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

