

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064027.D
 Acq On : 9 Oct 2020 7:40
 Operator : JC/MD
 Sample : L4311-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B10-100720-16-17

Quant Time: Oct 09 12:26:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

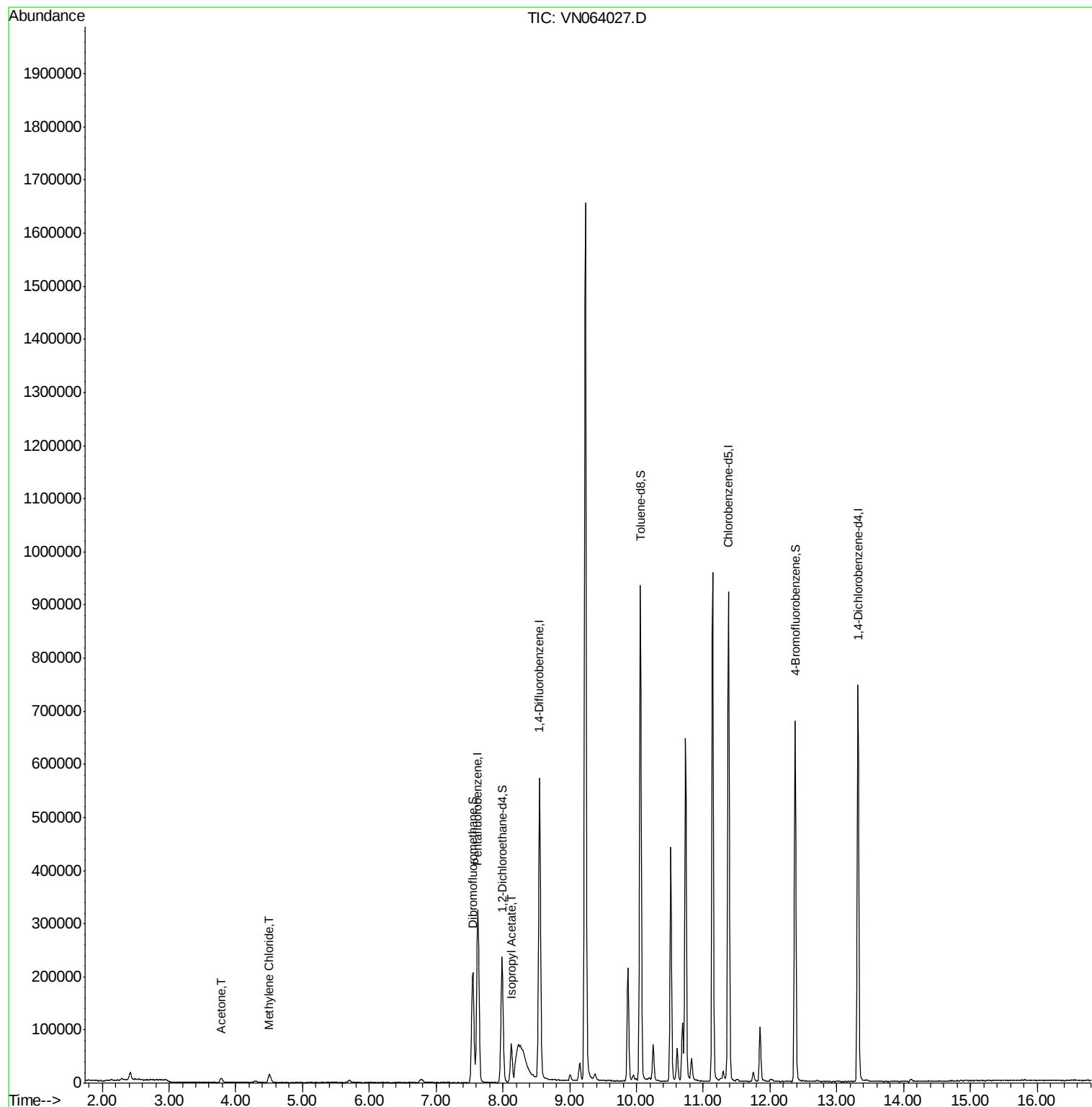
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	253777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211006	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
35) Dibromofluoromethane	7.55	113	156536	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
50) Toluene-d8	10.06	98	614025	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.38	95	229902	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
16) Acetone	3.79	43	15607	12.093	ug/l	96
20) Methylene Chloride	4.51	84	10604	3.678	ug/l	93
43) Isopropyl Acetate	8.13	43	86330	10.676	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 9 Oct 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

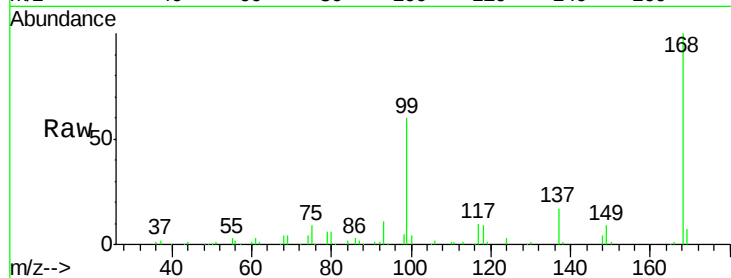
PAV-B10-100720-16-17

Tot Ion:168 Resp: 253777

Ion Ratio Lower Upper

168 100

99 59.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

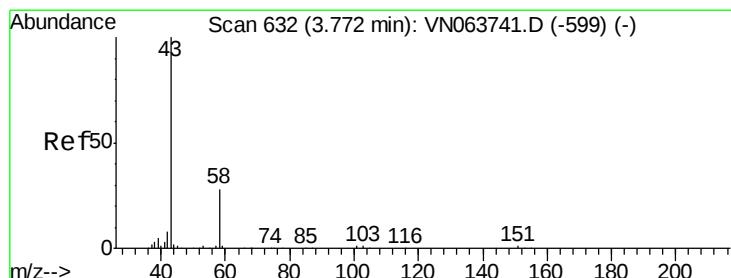
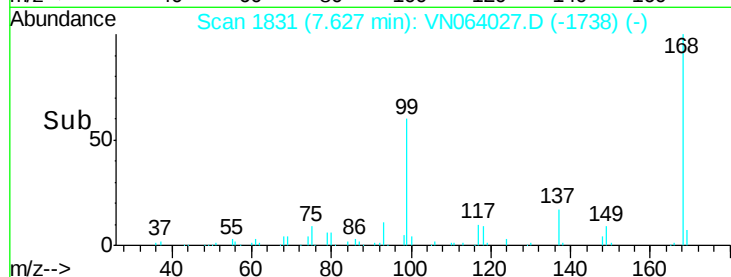
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 12.093 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064027.D

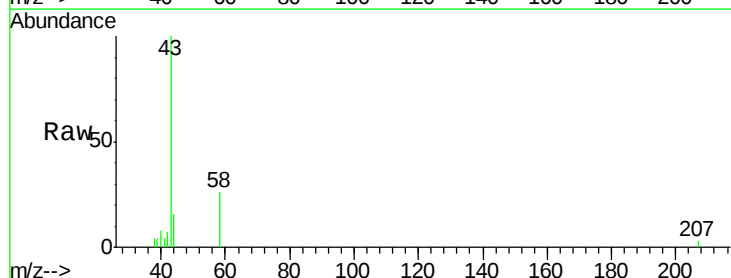
Acq: 9 Oct 2020 7:40

Tgt Ion: 43 Resp: 15607

Ion Ratio Lower Upper

43 100

58 26.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

6000

5000

4000

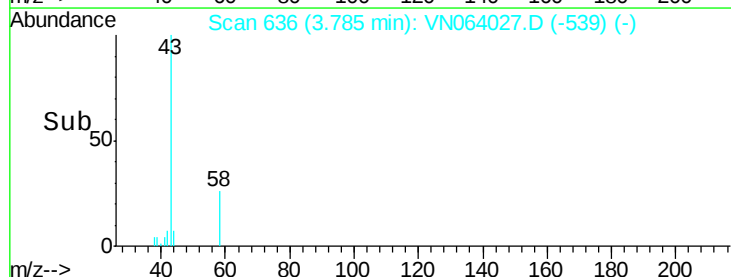
3000

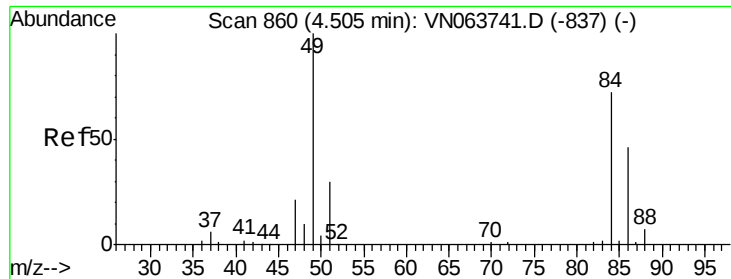
2000

1000

0

Time--> 3.70 3.80 3.90

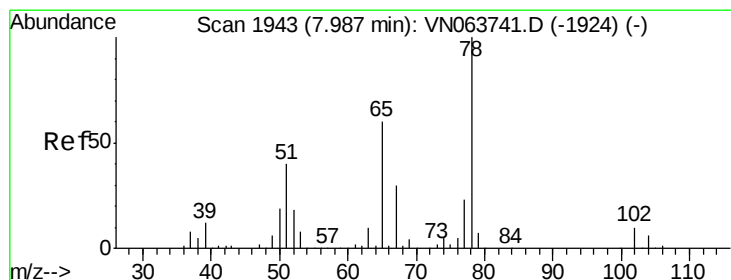
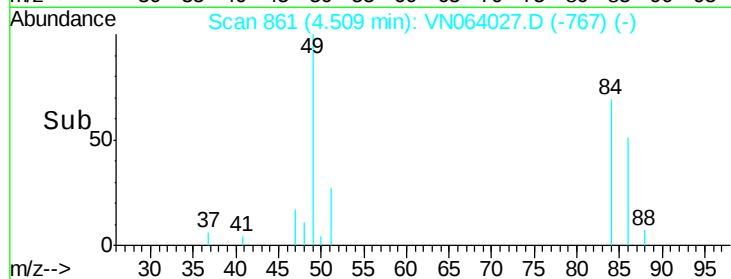
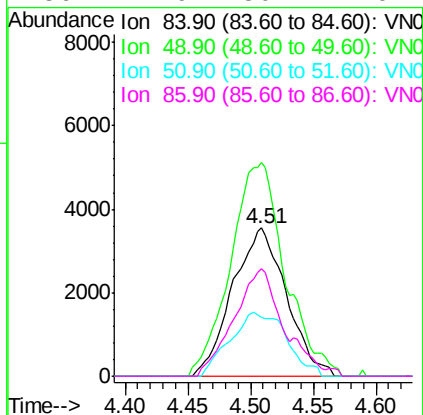
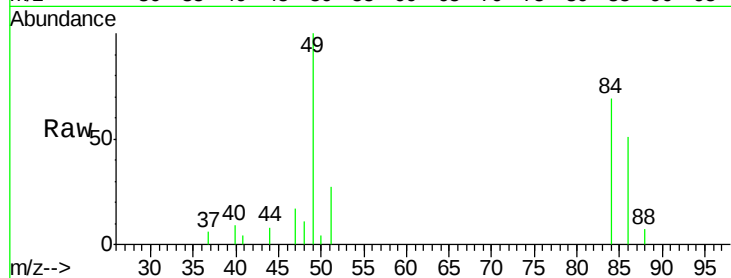




#20
Methvlene Chloride
Concen: 3.678 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064027.D
Acq: 9 Oct 2020 7:40

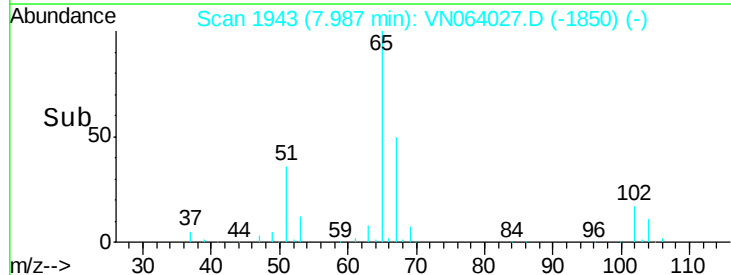
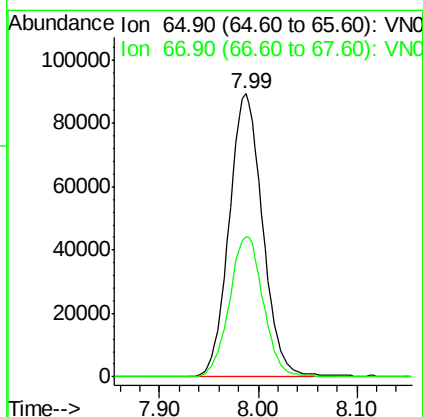
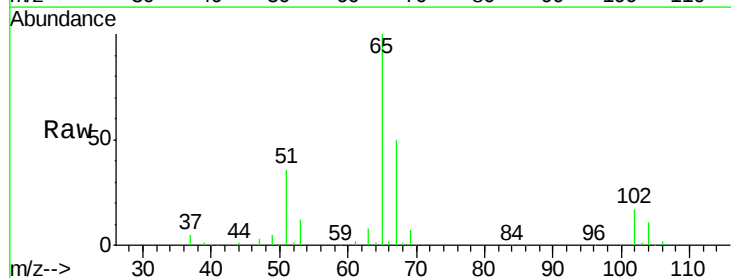
Instrument :
MSVOA_N
ClientSampleId :
PAV-B10-100720-16-17

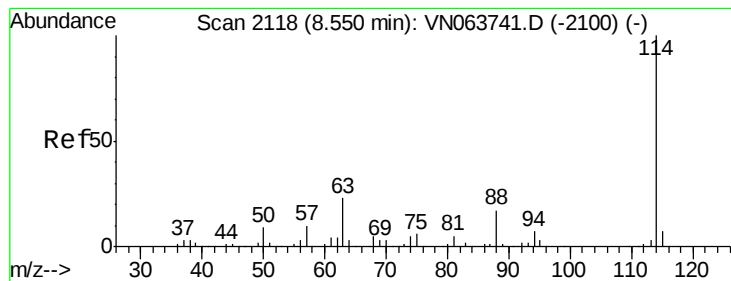
Tot Ion: 84 Resp: 10604
Ion Ratio Lower Upper
84 100
49 144.4 110.4 165.6
51 39.4 33.3 49.9
86 72.9 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 50.329 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064027.D
Acq: 9 Oct 2020 7:40

Tgt Ion: 65 Resp: 211006
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064027.D

Acq: 9 Oct 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

PAV-B10-100720-16-17

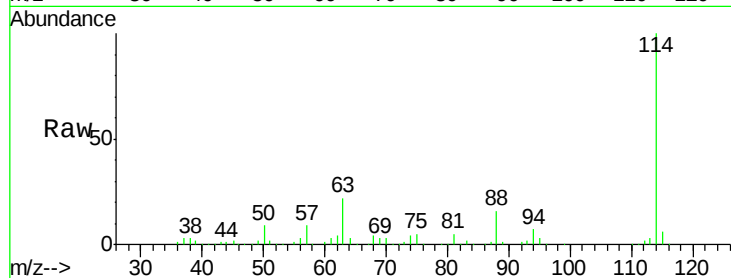
Tot Ion:114 Resp: 487085

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

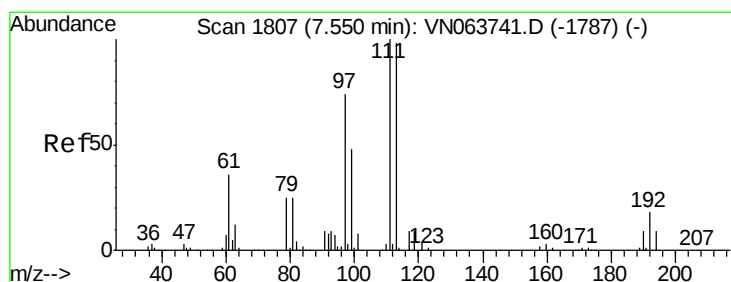
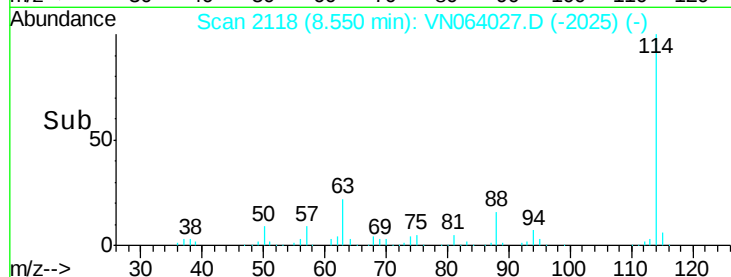
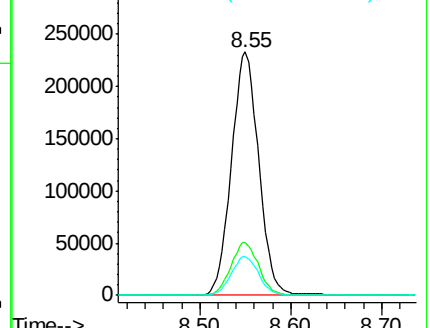
88 15.8 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.316 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064027.D

Acq: 9 Oct 2020 7:40

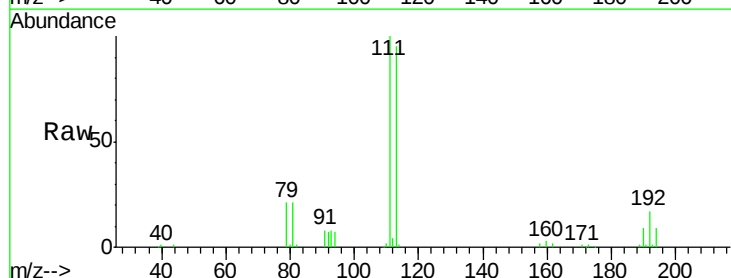
Tgt Ion:113 Resp: 156536

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

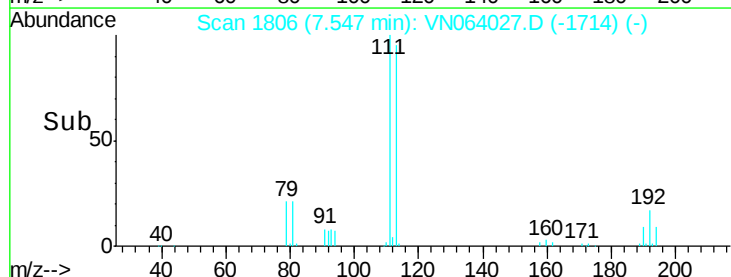
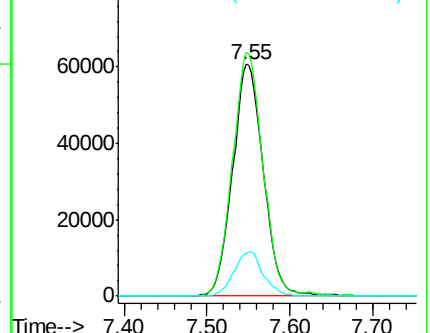
192 18.3 14.2 21.2

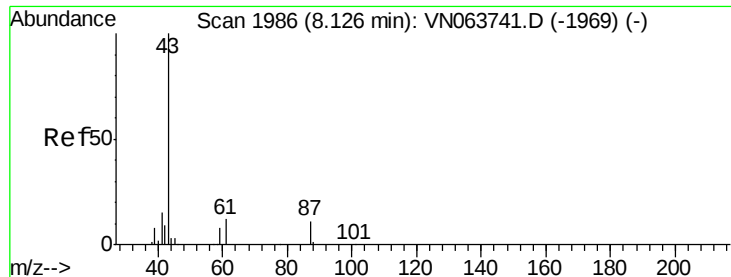


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.676 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064027.D

Acq: 9 Oct 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

PAV-B10-100720-16-17

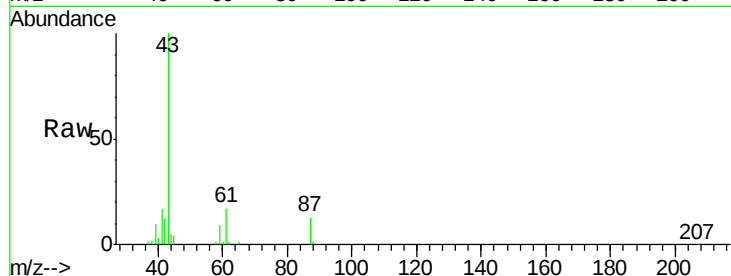
Tot Ion: 43 Resp: 86330

Ion Ratio Lower Upper

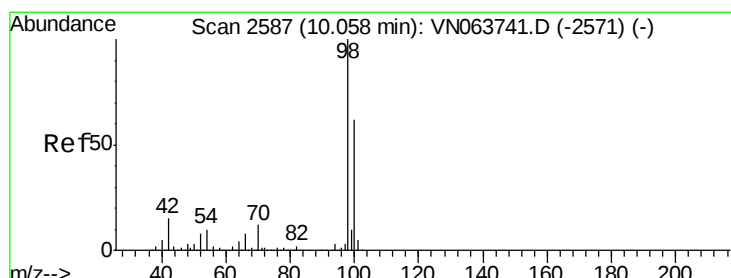
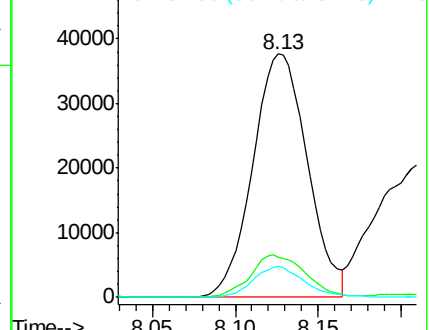
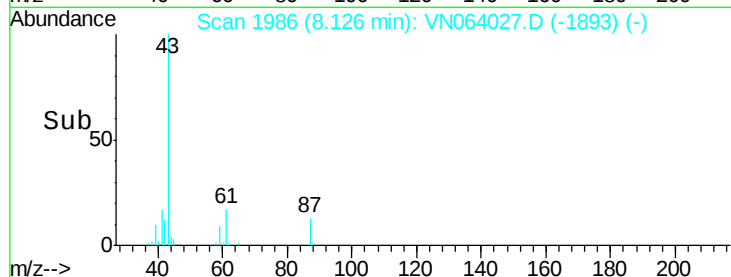
43 100

61 17.5 14.2 21.4

87 11.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN064027.D (-1893) (-)



#50

Toluene-d8

Concen: 47.925 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064027.D

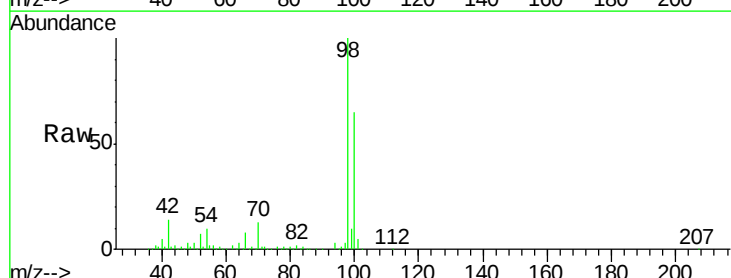
Acq: 9 Oct 2020 7:40

Tgt Ion: 98 Resp: 614025

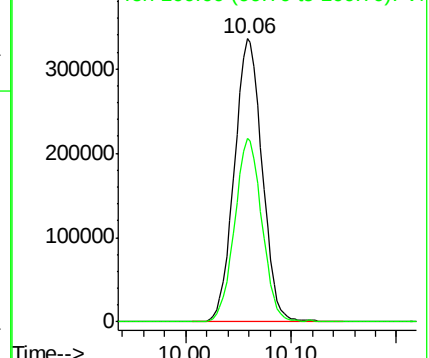
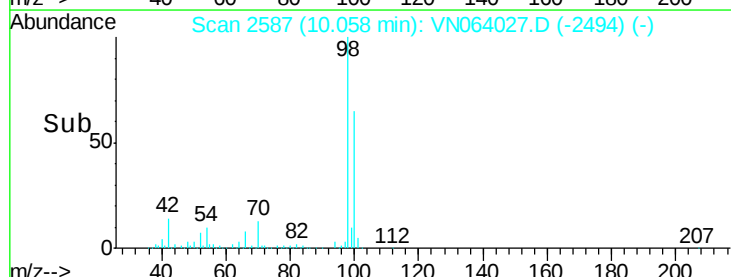
Ion Ratio Lower Upper

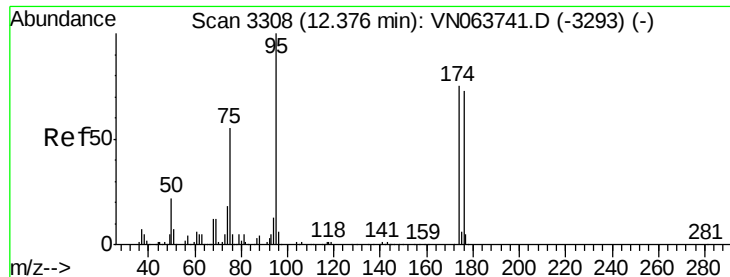
98 100

100 63.3 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN064027.D (-2494) (-)

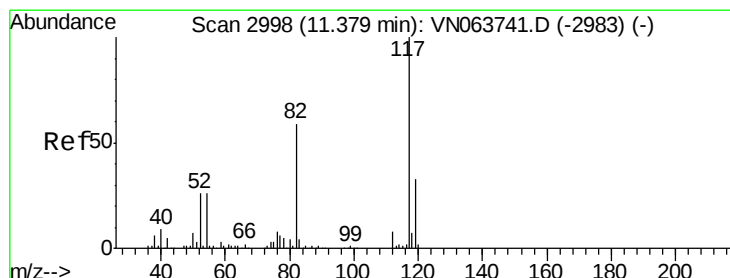
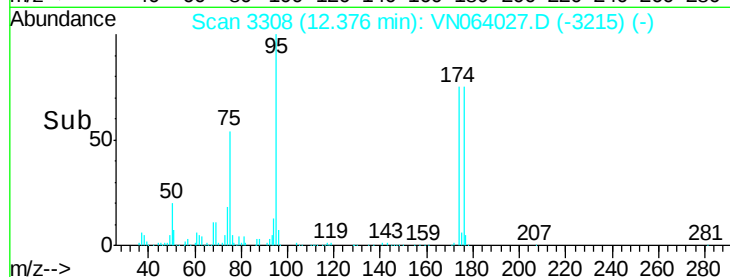
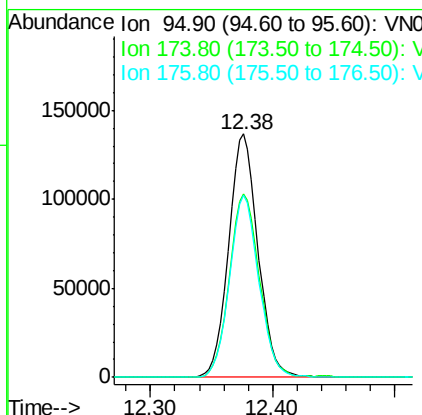
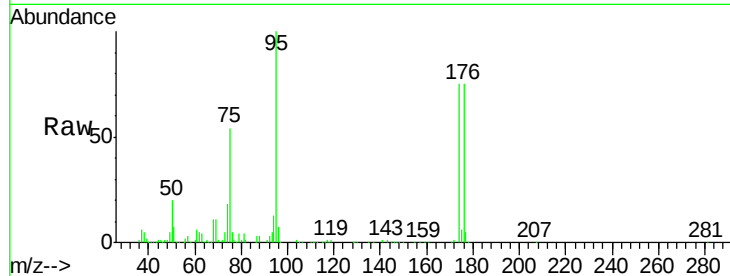




#62
4-Bromofluorobenzene
Concen: 47.734 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064027.D
Acq: 9 Oct 2020 7:40

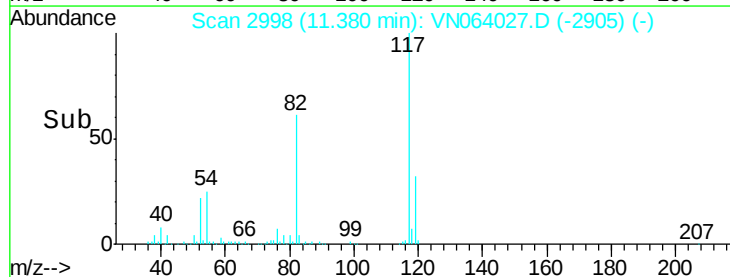
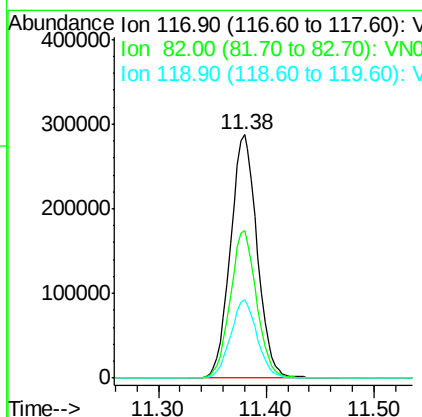
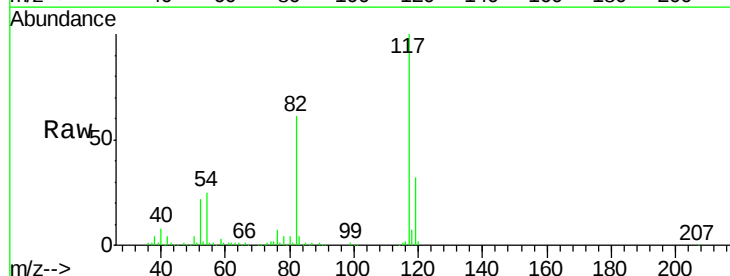
Instrument :
MSVOA_N
ClientSampleId :
PAV-B10-100720-16-17

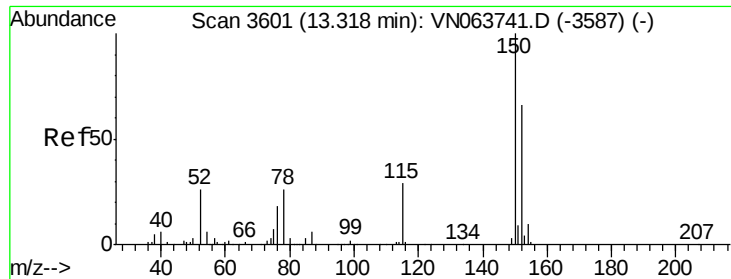
Tot Ion	95	Resp	229902
Ion Ratio	Lower	Upper	
95	100		
174	77.2	0.0	150.6
176	74.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064027.D
Acq: 9 Oct 2020 7:40

Tgt Ion	117	Resp	497632
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.4	71.2
119	32.2	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064027.D

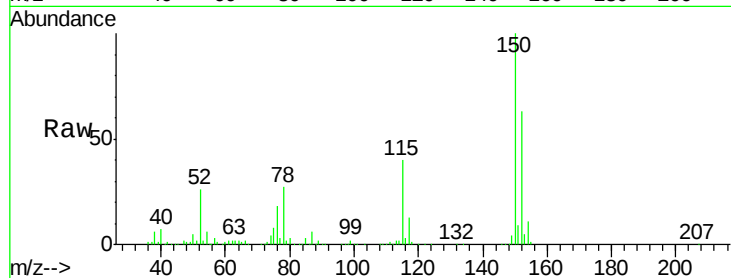
Acq: 9 Oct 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

PAV-B10-100720-16-17



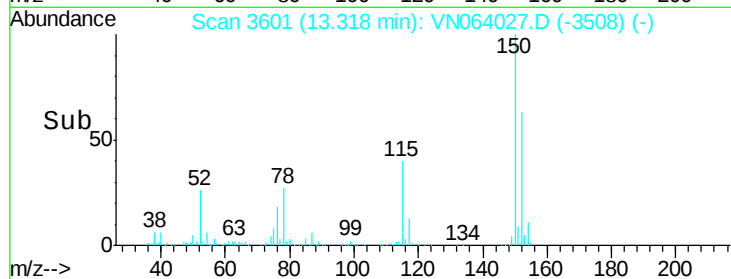
Tot Ion:152 Resp: 189072

Ion Ratio Lower Upper

152 100

115 63.1 31.3 93.8

150 159.8 0.0 341.8



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

