

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063576.D
 Acq On : 23 Sep 2020 9:40
 Operator : JC/MD
 Sample : L4104-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B29-092120-16-17

Quant Time: Sep 23 10:27:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

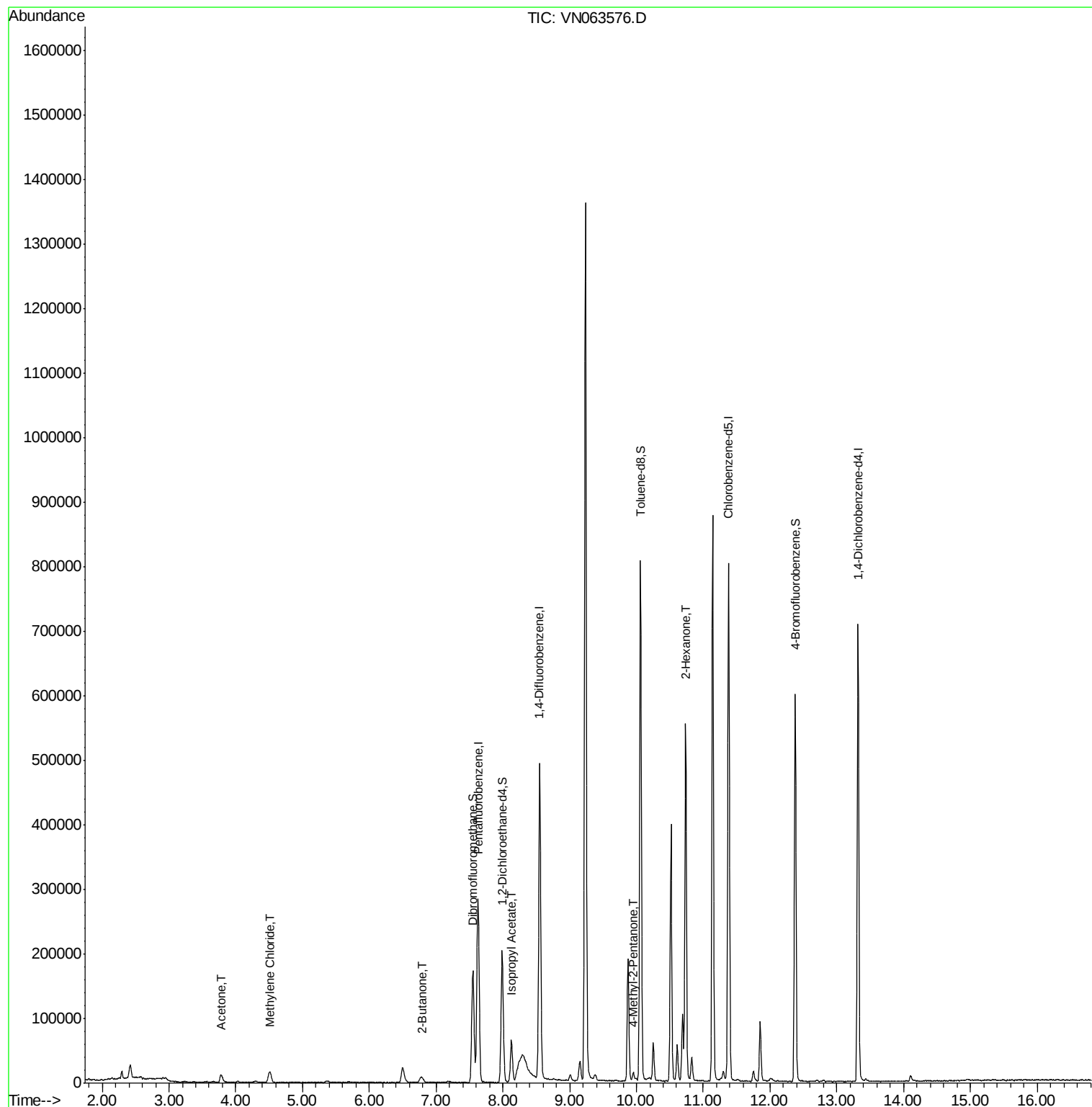
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	407676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181353	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	7.55	113	130629	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
50) Toluene-d8	10.06	98	521873	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.38	95	200957	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
Target Compounds						
16) Acetone	3.78	43	22169	19.067	ug/l	93
20) Methylene Chloride	4.50	84	12176	4.133	ug/l	94
25) 2-Butanone	6.80	43	6163	3.446	ug/l	99
43) Isopropyl Acetate	8.13	43	79138	10.383	ug/l	99
51) 4-Methyl-2-Pentanone	9.96	43	8507	1.994	ug/l	97
59) 2-Hexanone	10.74	43	87007	28.145	ug/l #	54

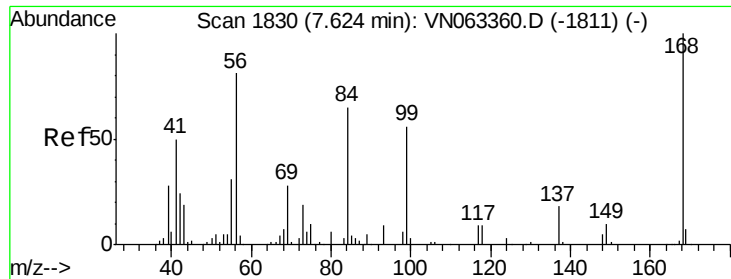
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063576.D
Acq On : 23 Sep 2020 9:40
Operator : JC/MD
Sample : L4104-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PAV-B29-092120-16-17

Quant Time: Sep 23 10:27:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063576.D

Acq: 23 Sep 2020 9:40

Instrument :

MSVOA_N

ClientSampleId :

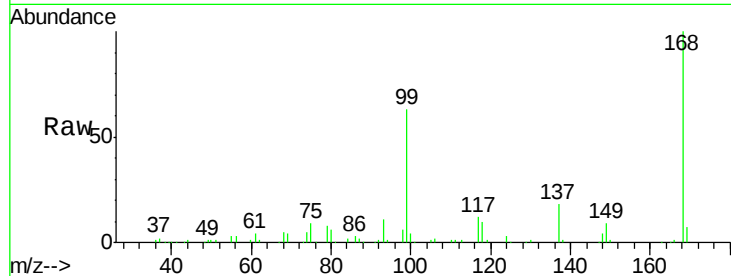
PAV-B29-092120-16-17

Tot Ion:168 Resp: 212532

Ion Ratio Lower Upper

168 100

99 63.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

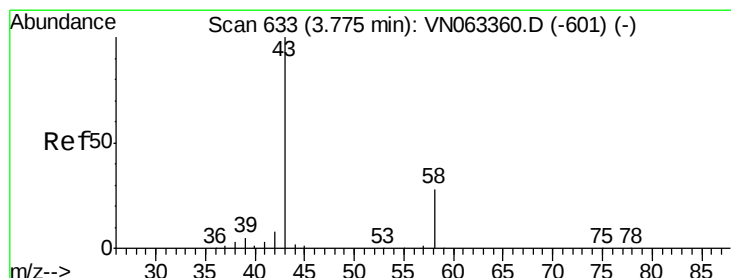
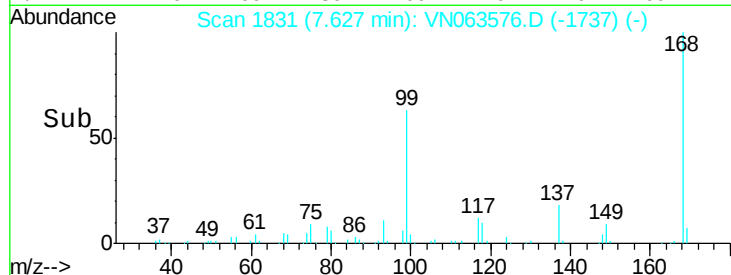
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 19.067 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063576.D

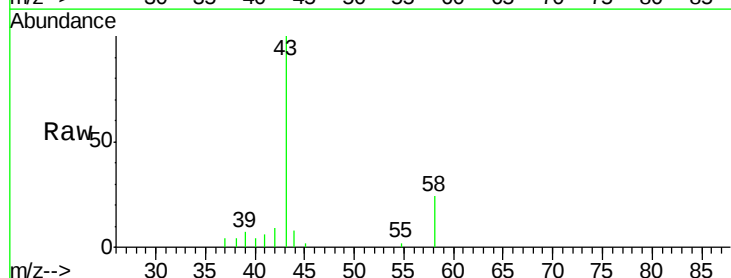
Acq: 23 Sep 2020 9:40

Tgt Ion: 43 Resp: 22169

Ion Ratio Lower Upper

43 100

58 24.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

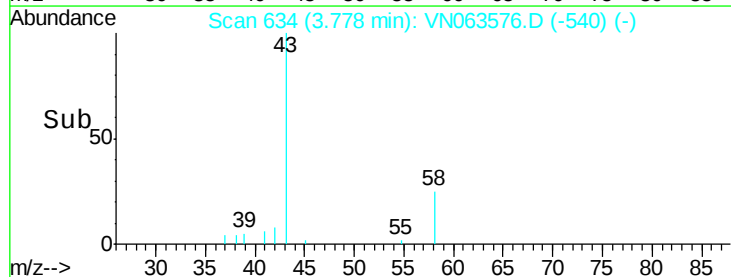
6000

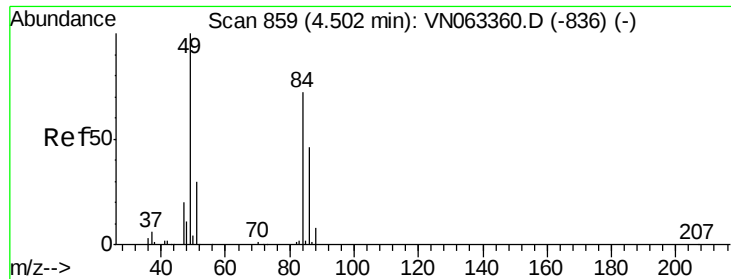
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

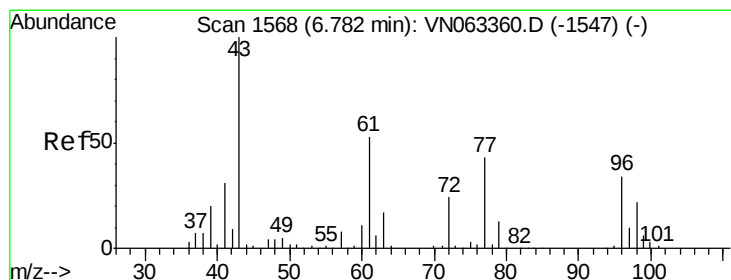
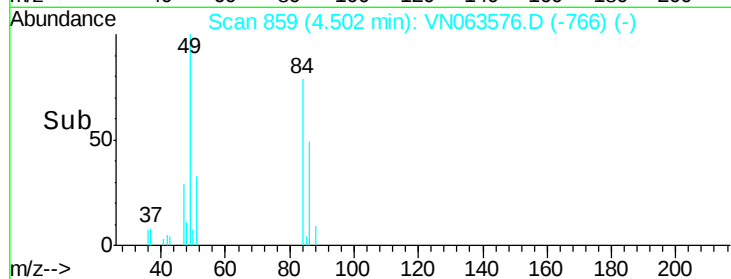
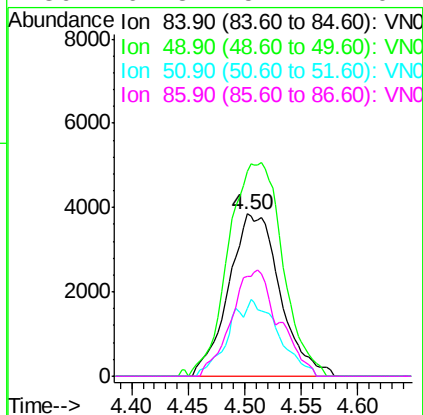
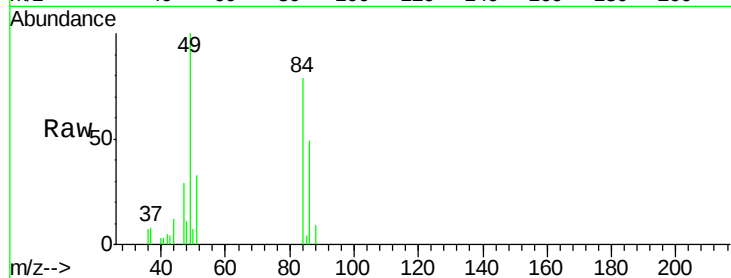




#20
Methvlene Chloride
Concen: 4.133 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063576.D
Acq: 23 Sep 2020 9:40

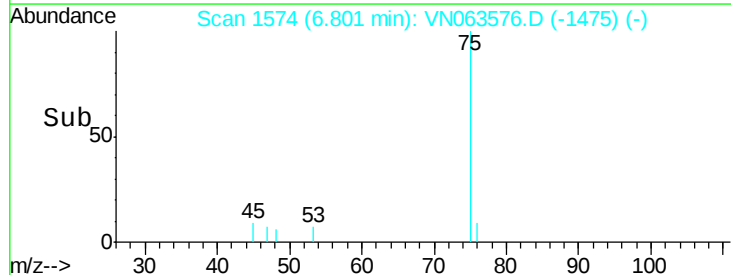
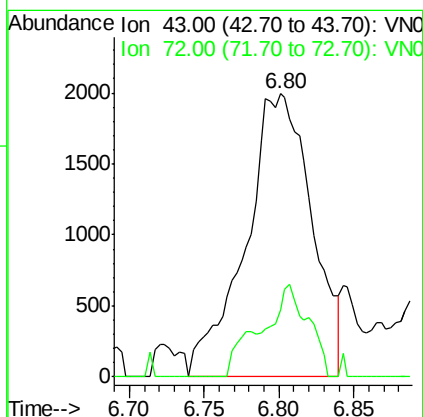
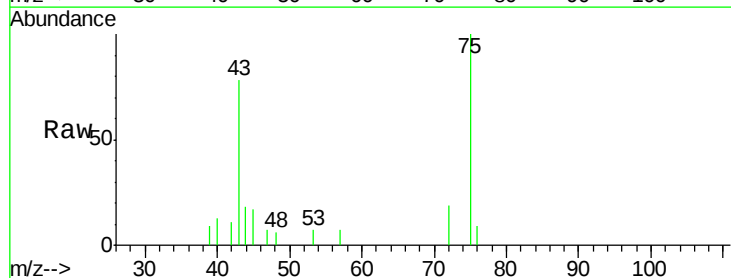
Instrument :
MSVOA_N
ClientSampleId :
PAV-B29-092120-16-17

Tot Ion:	84	Resp:	12176
Ion	Ratio	Lower	Upper
84	100		
49	126.4	110.7	166.1
51	41.5	32.9	49.3
86	61.8	51.1	76.7



#25
2-Butanone
Concen: 3.446 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN063576.D
Acq: 23 Sep 2020 9:40

Tgt Ion:	43	Resp:	6163
Ion	Ratio	Lower	Upper
43	100		
72	23.6	19.2	28.8

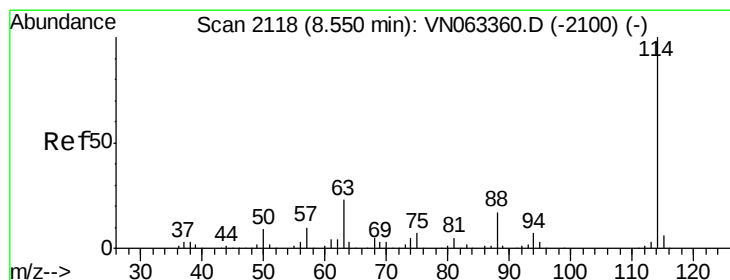
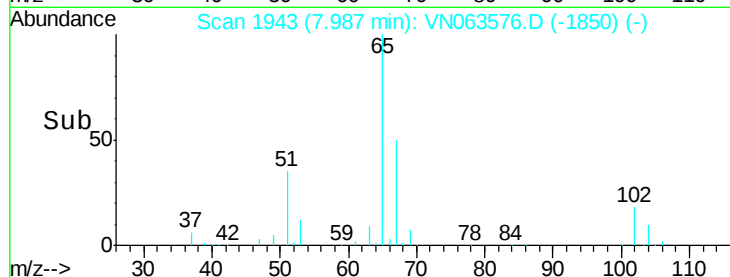
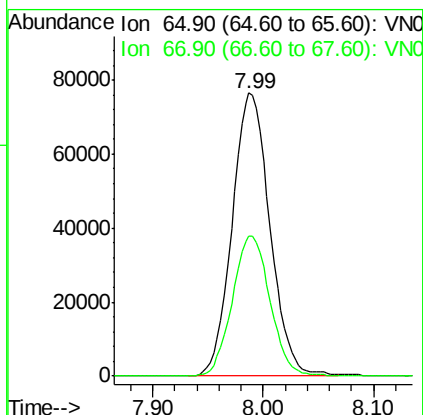
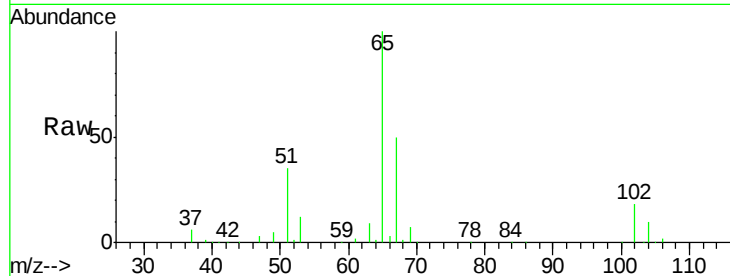




#33
 1,2-Dichloroethane-d4
 Concen: 50.127 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063576.D
 Acq: 23 Sep 2020 9:40

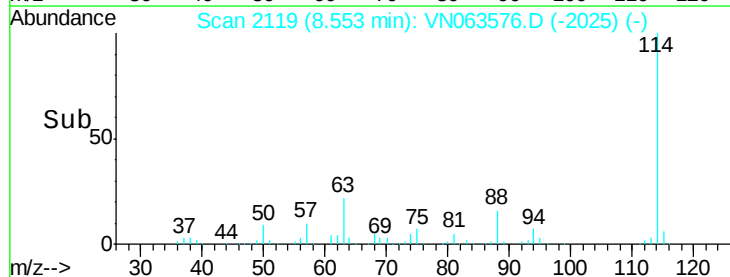
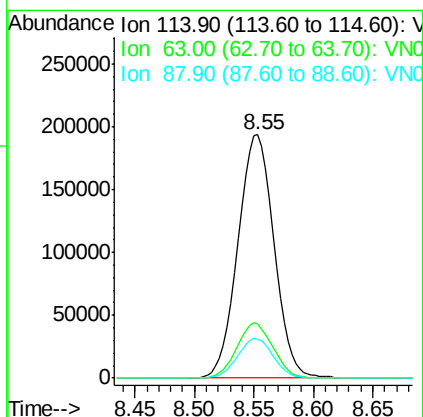
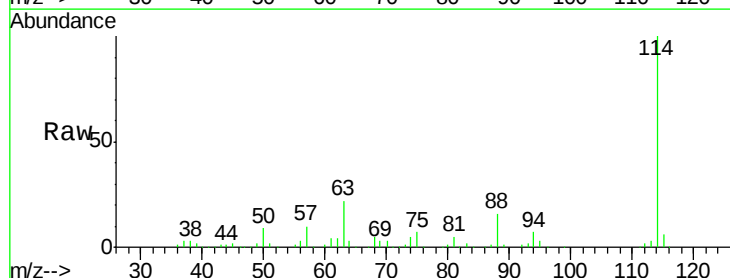
Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B29-092120-16-17

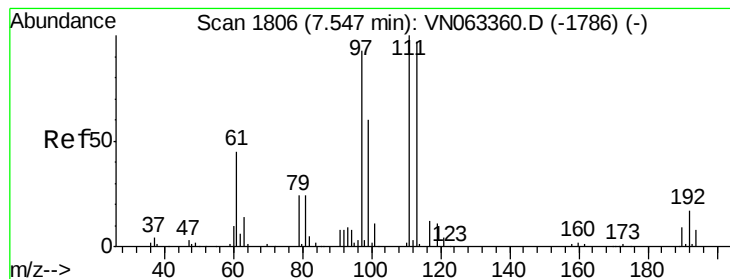
Tot Ion: 65 Resp: 181353
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063576.D
 Acq: 23 Sep 2020 9:40

Tgt Ion: 114 Resp: 407676
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 46.4
 88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.285 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063576.D

Acq: 23 Sep 2020 9:40

Instrument :

MSVOA_N

ClientSampleId :

PAV-B29-092120-16-17

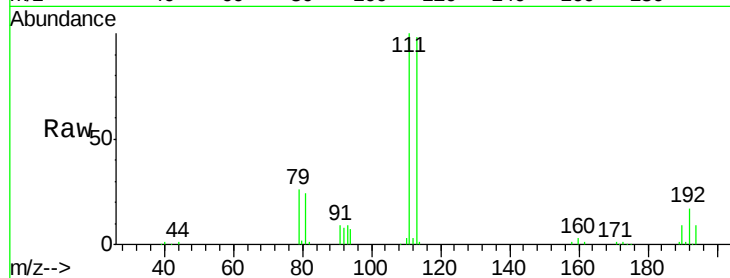
Tot Ion:113 Resp: 130629

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

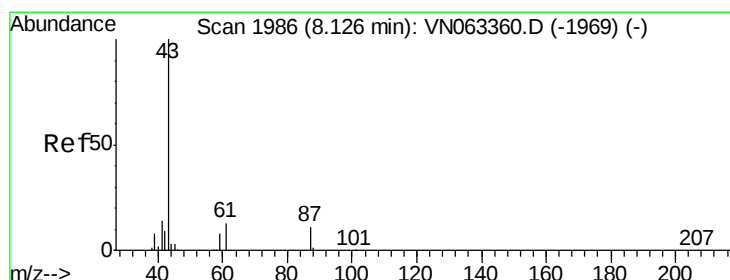
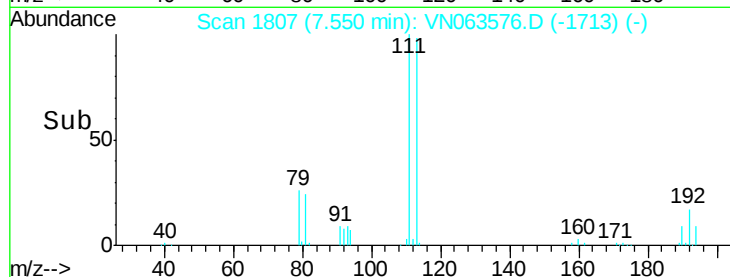
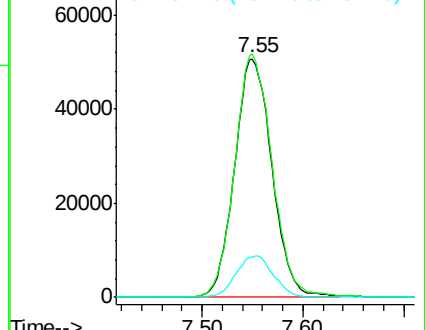
192 17.3 13.9 20.9



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: 10.383 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063576.D

Acq: 23 Sep 2020 9:40

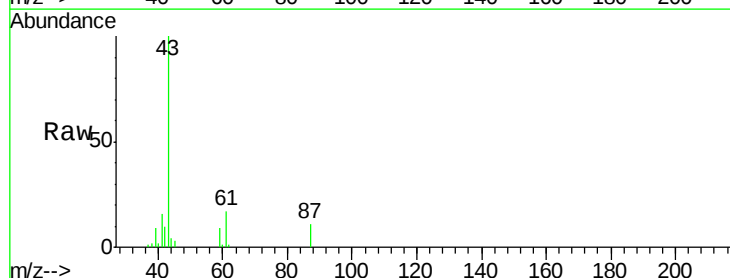
Tgt Ion: 43 Resp: 79138

Ion Ratio Lower Upper

43 100

61 17.0 14.2 21.2

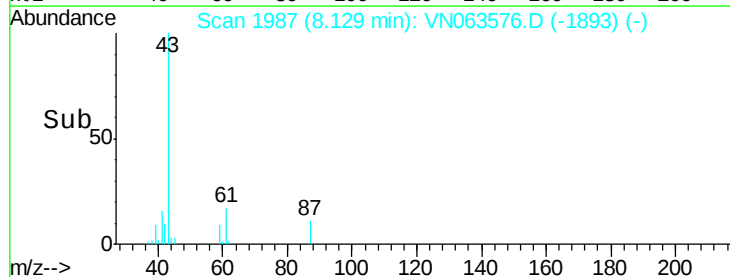
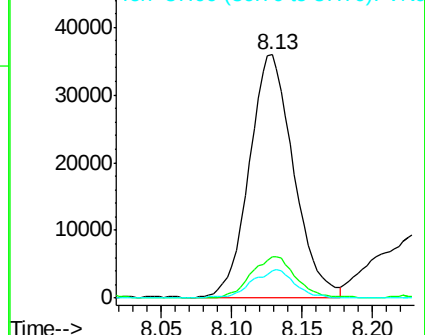
87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.177 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063576.D

Acq: 23 Sep 2020 9:40

Instrument :

MSVOA_N

ClientSampleId :

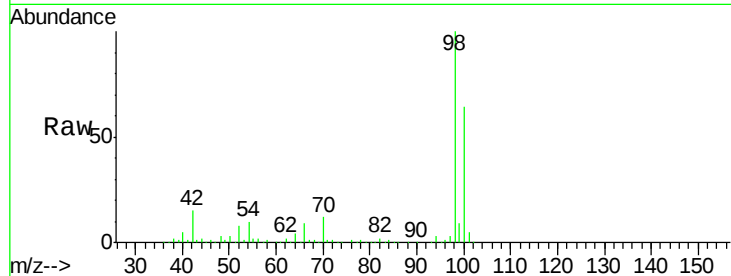
PAV-B29-092120-16-17

Tot Ion: 98 Resp: 521873

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

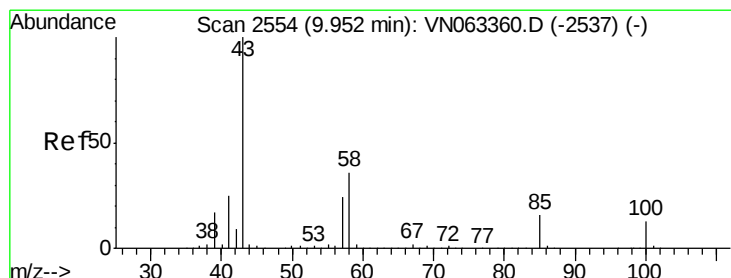
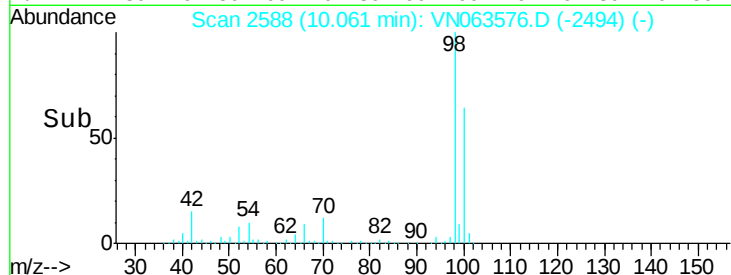
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.994 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063576.D

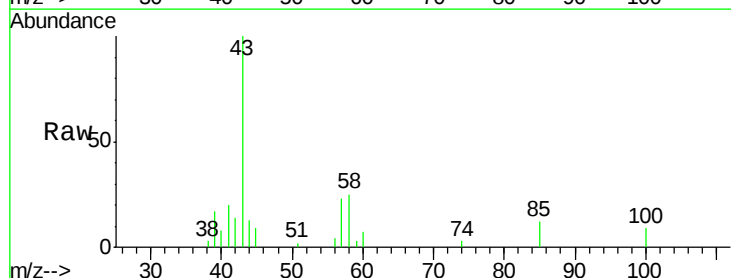
Acq: 23 Sep 2020 9:40

Tgt Ion: 43 Resp: 8507

Ion Ratio Lower Upper

43 100

58 38.0 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

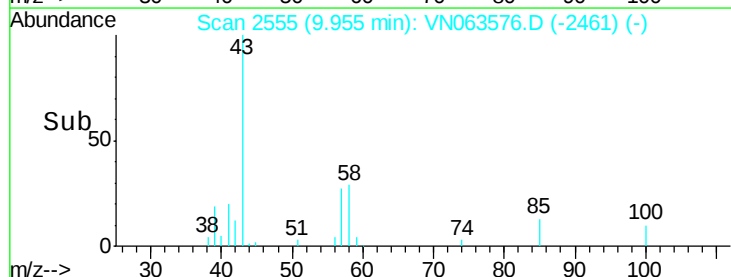
6000

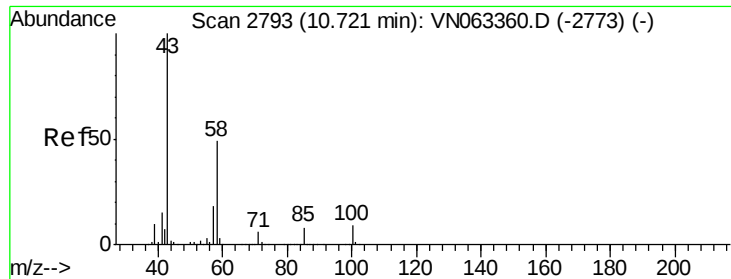
4000

2000

0

Time-->





#59

2-Hexanone

Concen: 28.145 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.02 min

Lab File: VN063576.D

Acq: 23 Sep 2020 9:40

Instrument :

MSVOA_N

ClientSampleId :

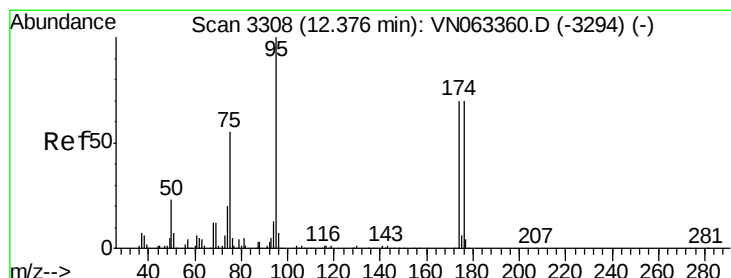
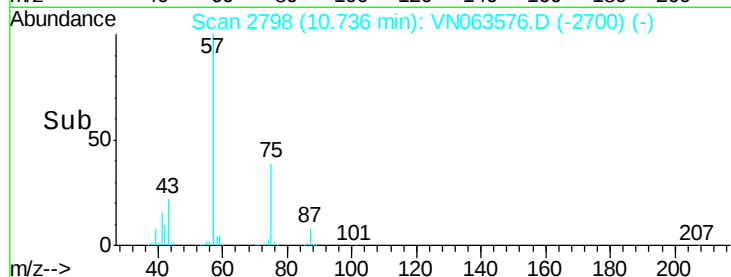
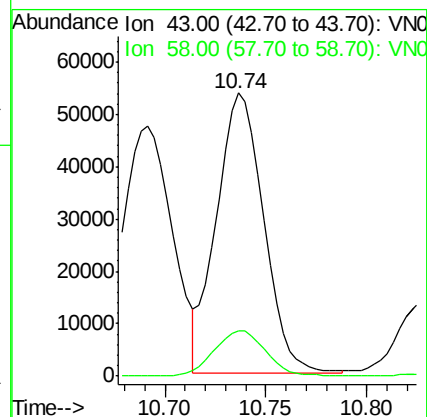
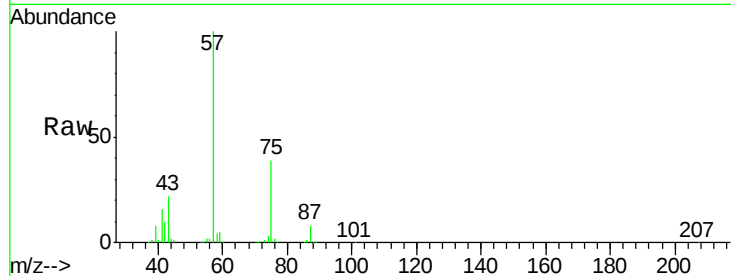
PAV-B29-092120-16-17

Tot Ion: 43 Resp: 87007

Ion Ratio Lower Upper

43 100

58 17.6 24.7 74.1#



#62

4-Bromofluorobenzene

Concen: 51.657 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063576.D

Acq: 23 Sep 2020 9:40

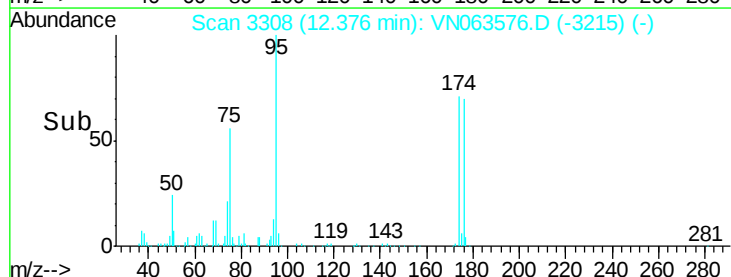
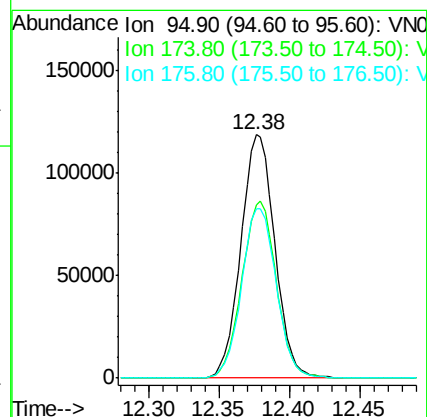
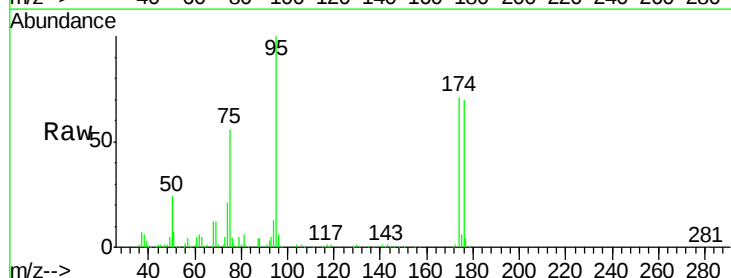
Tgt Ion: 95 Resp: 200957

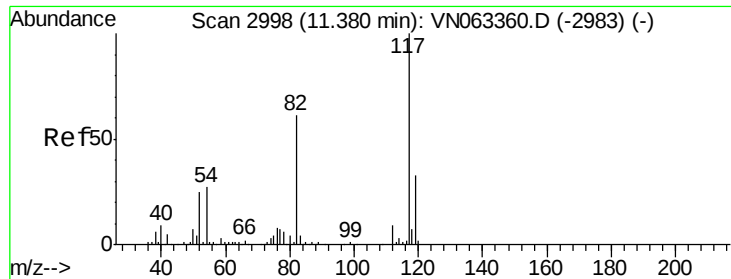
Ion Ratio Lower Upper

95 100

174 73.6 0.0 140.8

176 71.2 0.0 137.6

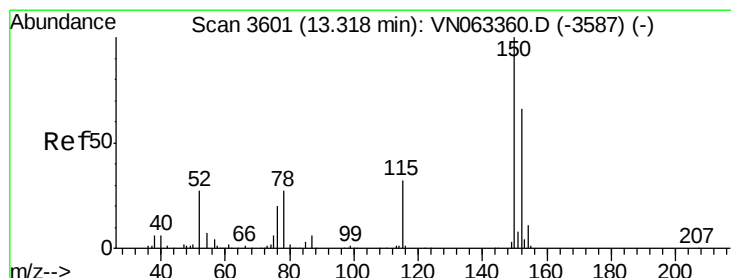
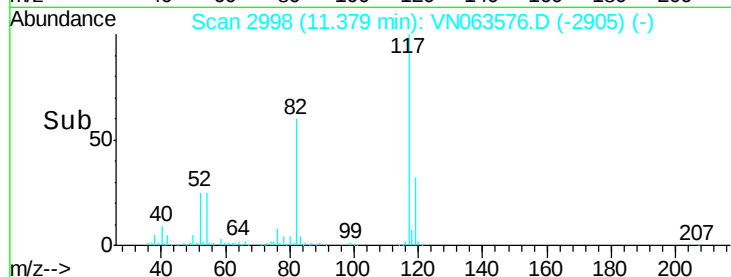
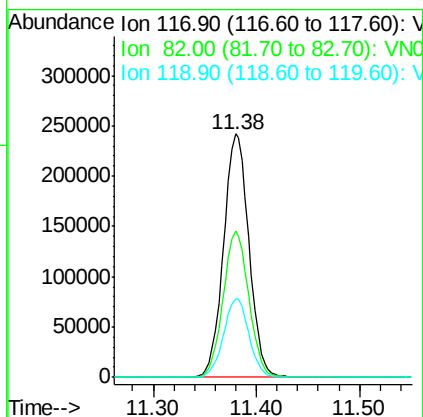
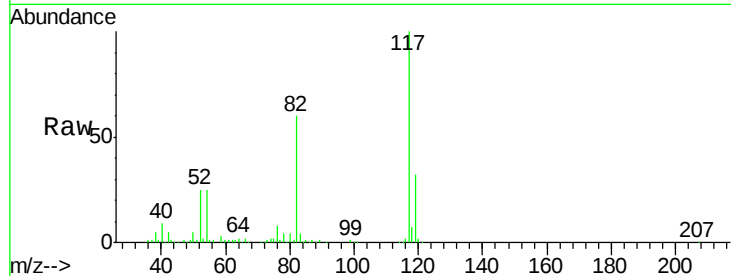




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063576.D
Acq: 23 Sep 2020 9:40

Instrument :
MSVOA_N
ClientSampleId :
PAV-B29-092120-16-17

Tot Ion:117 Resp: 415006
Ion Ratio Lower Upper
117 100
82 59.9 49.2 73.8
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063576.D
Acq: 23 Sep 2020 9:40

Tgt Ion:152 Resp: 169681
Ion Ratio Lower Upper
152 100
115 65.1 32.2 96.6
150 155.5 0.0 343.4

