

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063575.D
 Acq On : 23 Sep 2020 9:16
 Operator : JC/MD
 Sample : L4104-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-092120-DP

Quant Time: Sep 23 10:22:59 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

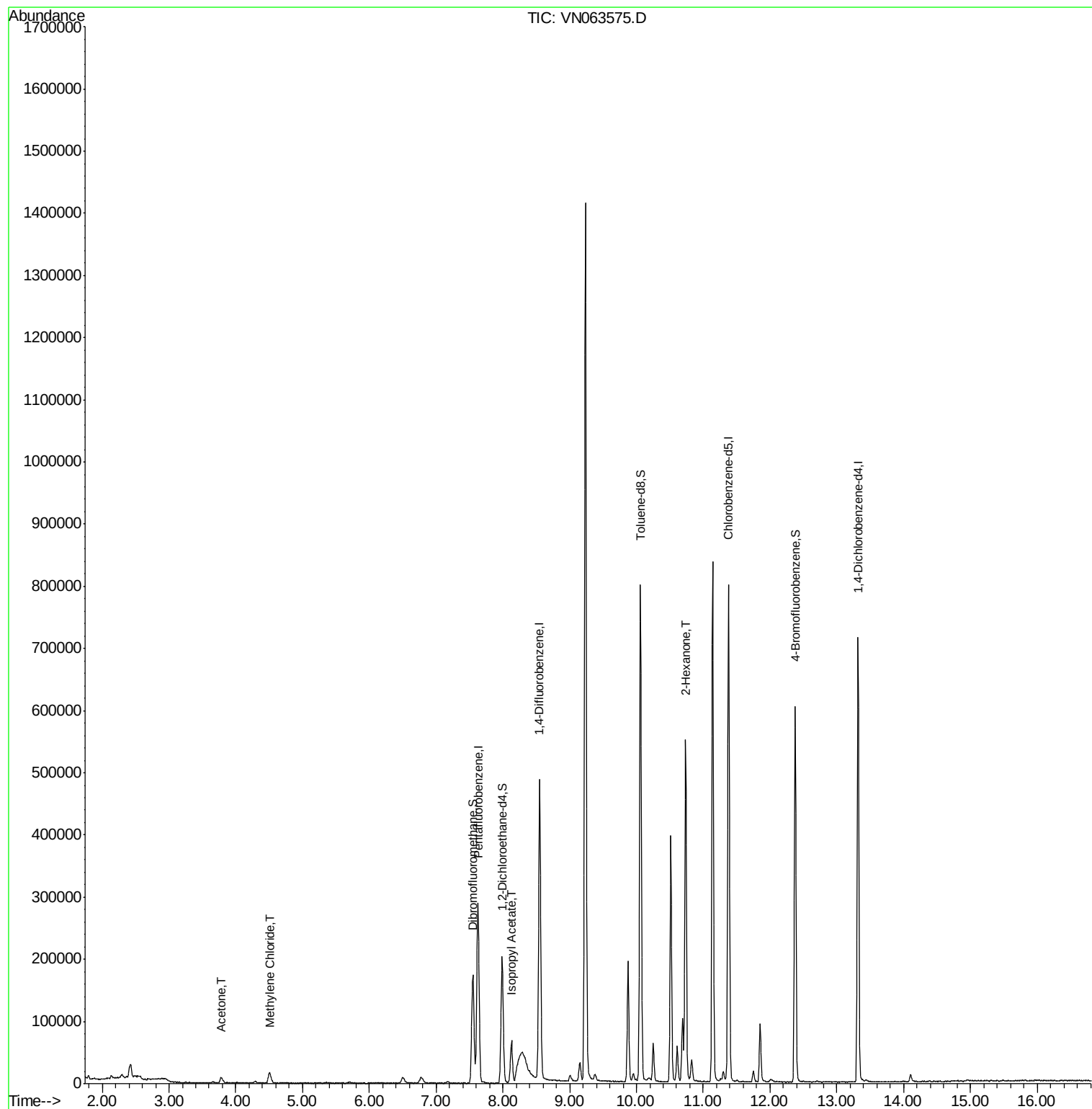
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	204514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181516	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
35) Dibromofluoromethane	7.55	113	128278	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
50) Toluene-d8	10.06	98	516355	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	202077	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
Target Compounds						
16) Acetone	3.78	43	16014	14.313	ug/l	98
20) Methylene Chloride	4.51	84	11559	4.078	ug/l #	92
43) Isopropyl Acetate	8.13	43	77821	10.281	ug/l	97
59) 2-Hexanone	10.74	43	87281	28.429	ug/l #	54

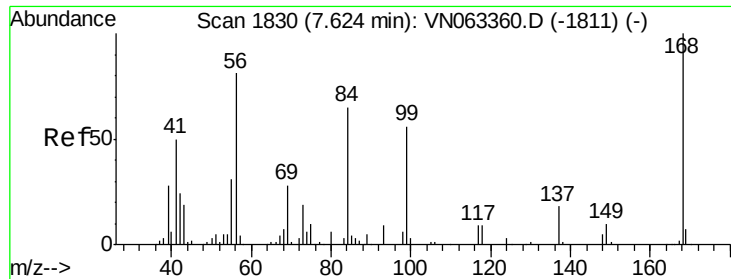
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063575.D

Acq: 23 Sep 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

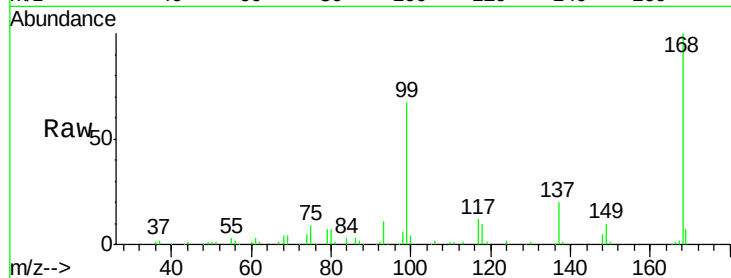
PAV-092120-DP

Tot Ion:168 Resp: 204514

Ion Ratio Lower Upper

168 100

99 66.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

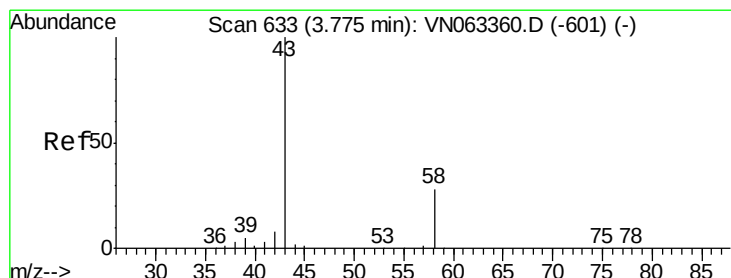
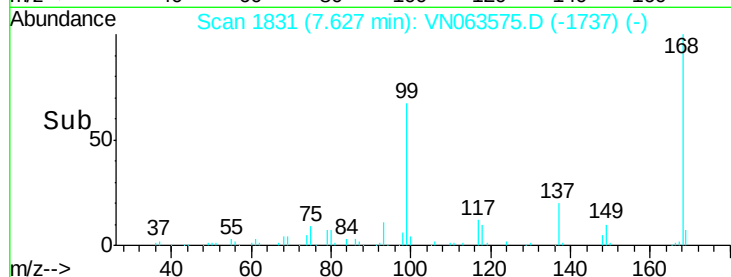
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 14.313 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063575.D

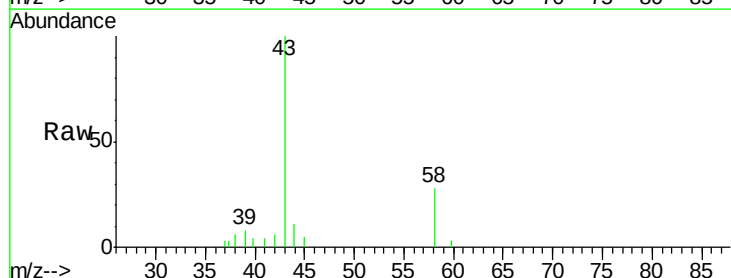
Acq: 23 Sep 2020 9:16

Tgt Ion: 43 Resp: 16014

Ion Ratio Lower Upper

43 100

58 28.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

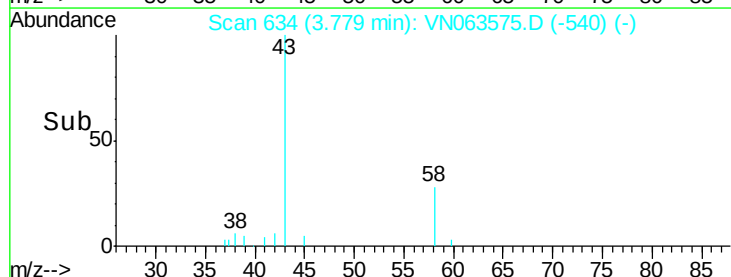
6000

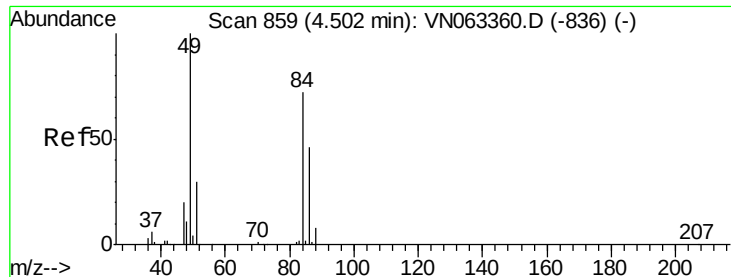
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

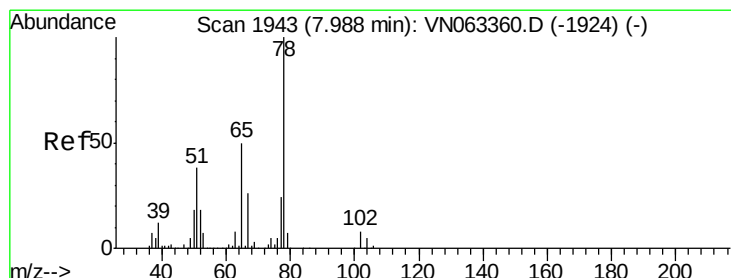
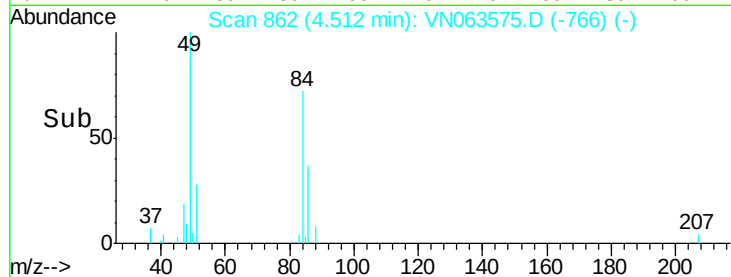
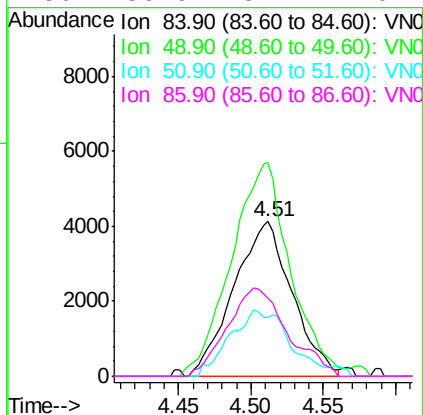
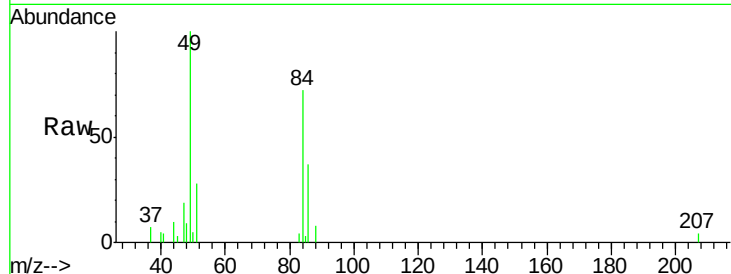




#20
Methvlene Chloride
Concen: 4.078 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063575.D
Acq: 23 Sep 2020 9:16

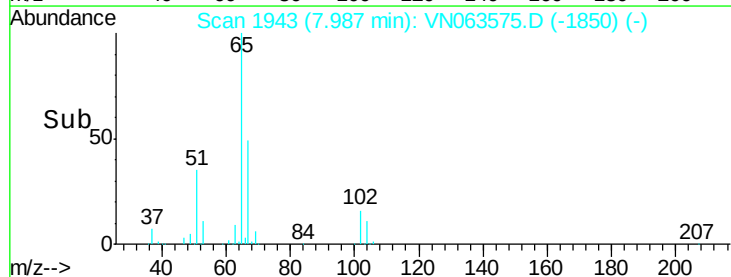
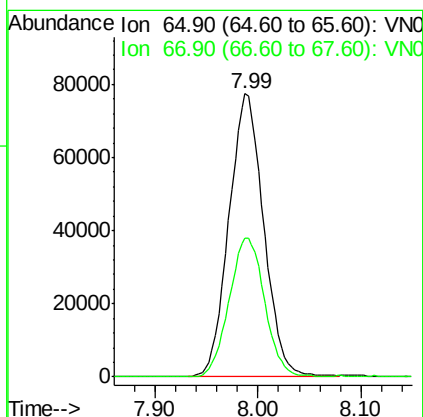
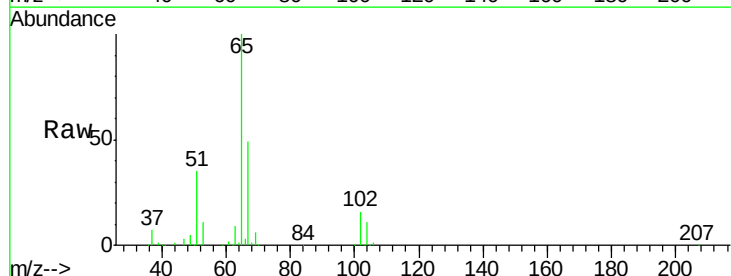
Instrument :
MSVOA_N
ClientSampleId :
PAV-092120-DP

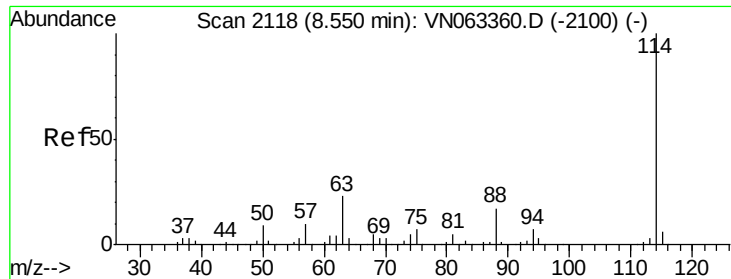
Tot Ion: 84 Resp: 11559
Ion Ratio Lower Upper
84 100
49 132.6 110.7 166.1
51 38.3 32.9 49.3
86 50.9 51.1 76.7#



#33
1,2-Dichloroethane-d4
Concen: 52.139 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063575.D
Acq: 23 Sep 2020 9:16

Tgt Ion: 65 Resp: 181516
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.2

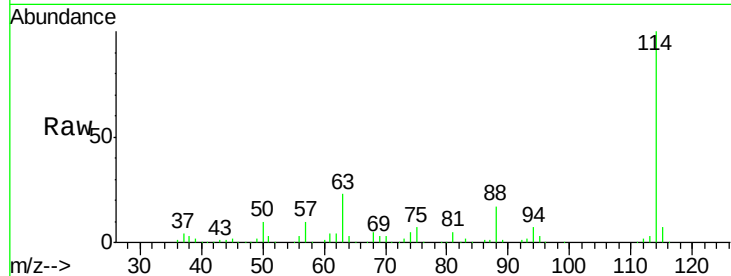




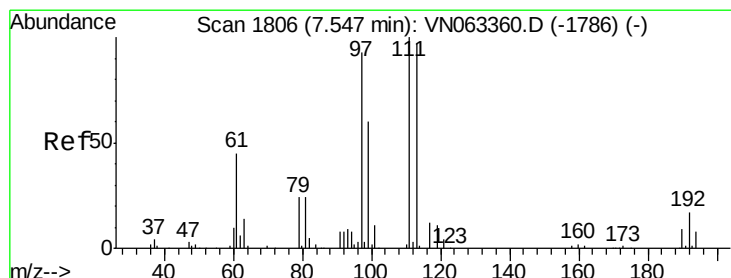
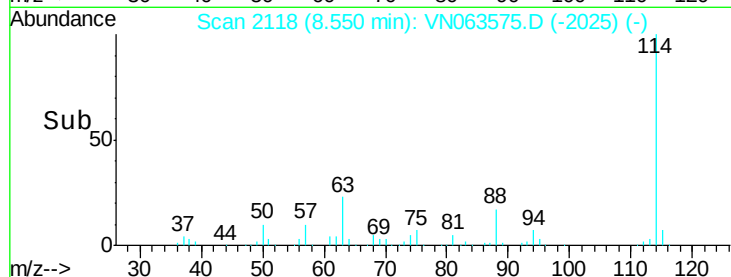
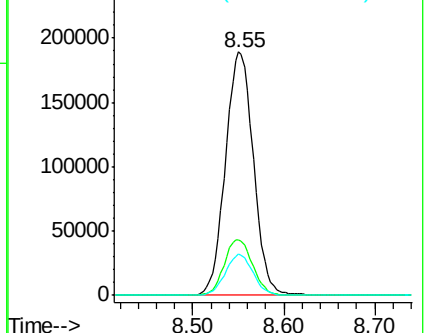
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063575.D
 Acq: 23 Sep 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-092120-DP

Tot Ion:114 Resp: 404866
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.4
 88 16.9 0.0 33.2

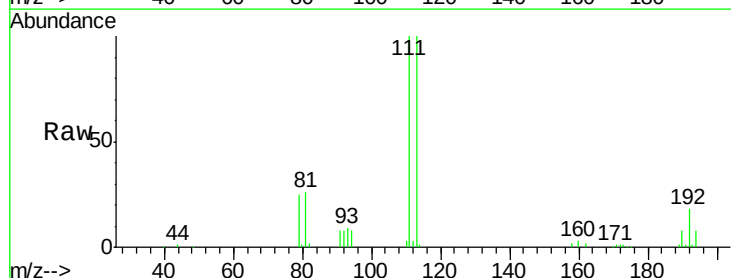


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

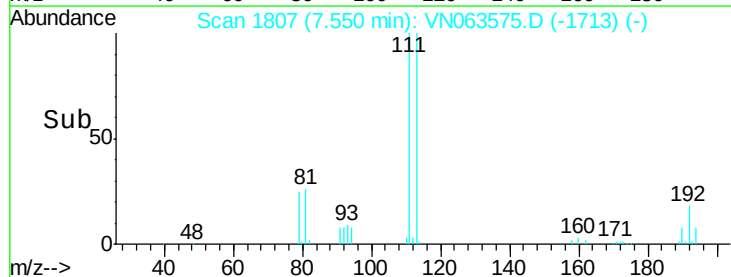
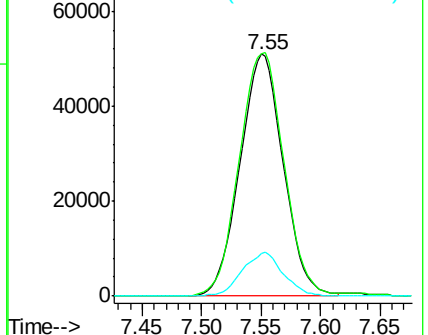


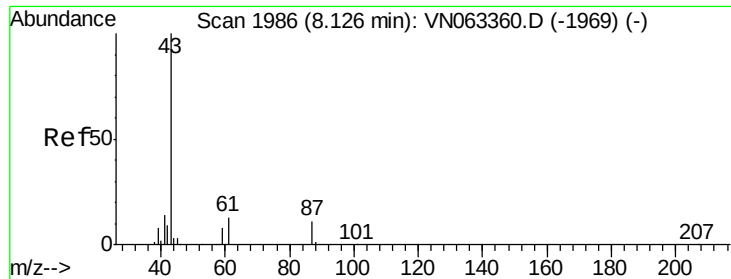
#35
 Dibromofluoromethane
 Concen: 45.768 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063575.D
 Acq: 23 Sep 2020 9:16

Tgt Ion:113 Resp: 128278
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 17.1 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: 10.281 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063575.D

Acq: 23 Sep 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

PAV-092120-DP

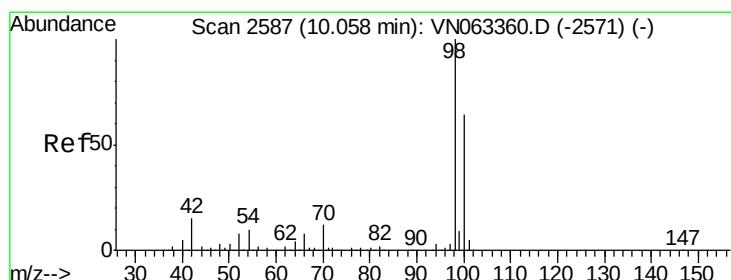
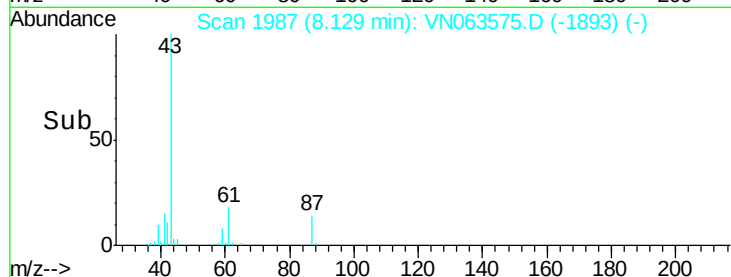
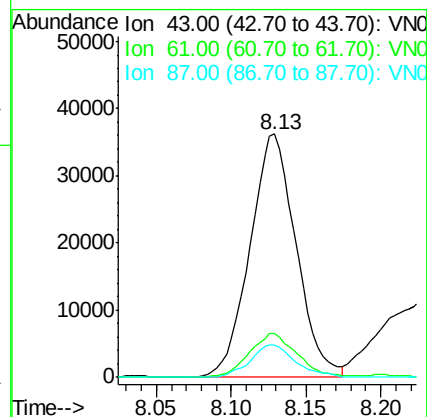
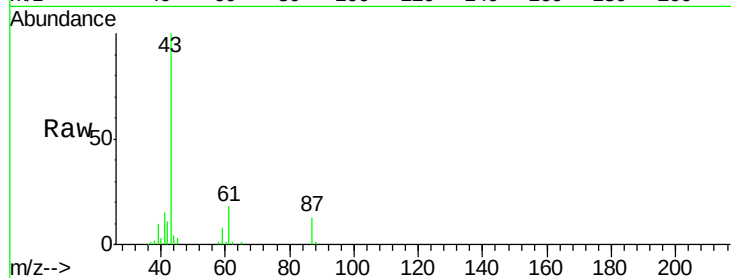
Tot Ion: 43 Resp: 77821

Ion Ratio Lower Upper

43 100

61 18.7 14.2 21.2

87 13.0 9.0 13.6



#50

Toluene-d8

Concen: 48.994 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063575.D

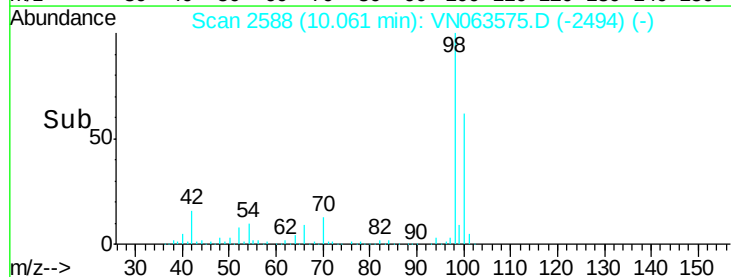
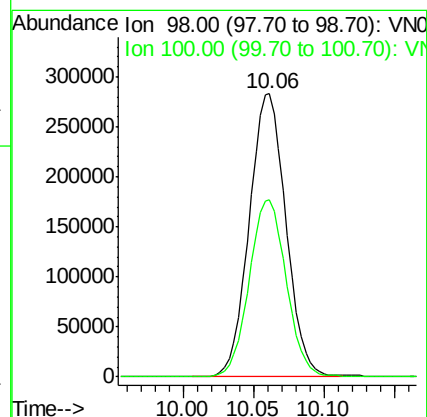
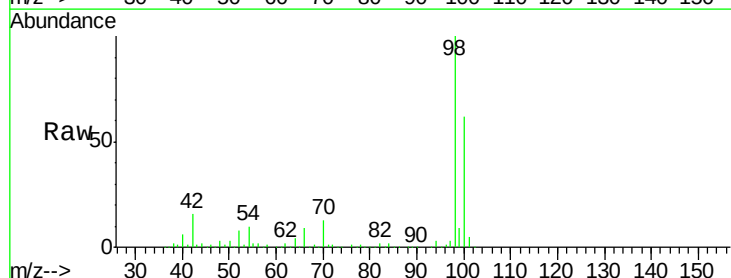
Acq: 23 Sep 2020 9:16

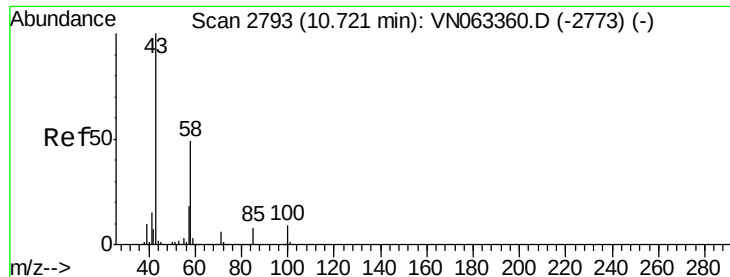
Tgt Ion: 98 Resp: 516355

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1

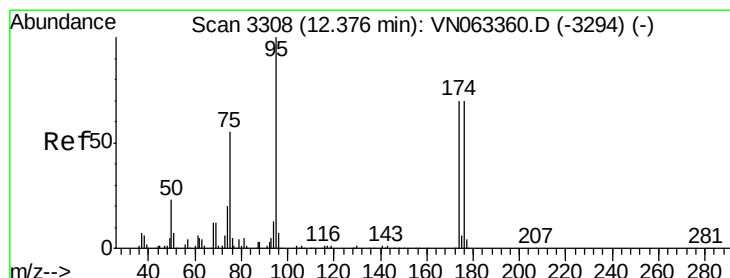
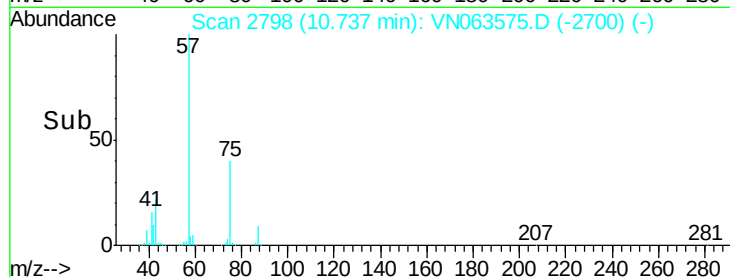
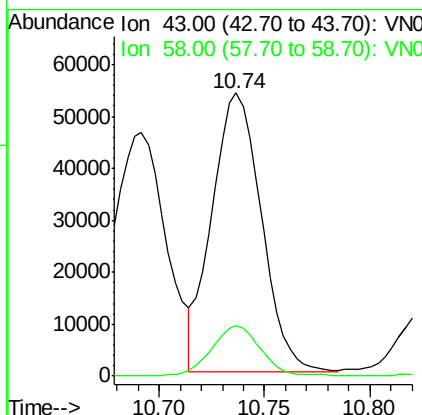
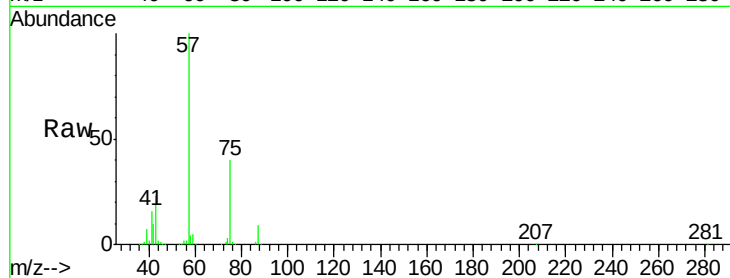




#59
2-Hexanone
Concen: 28.429 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063575.D
Acq: 23 Sep 2020 9:16

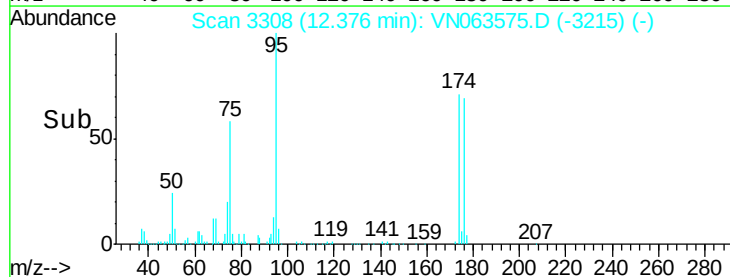
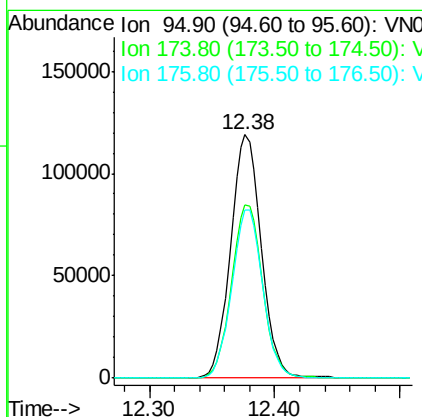
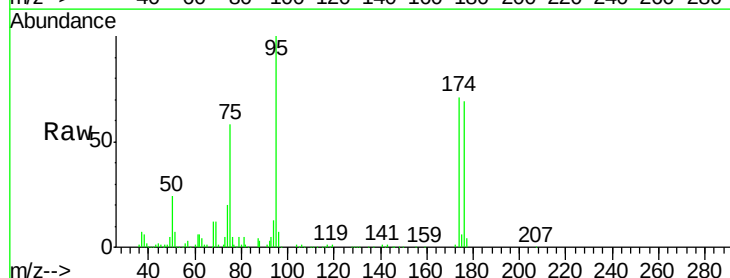
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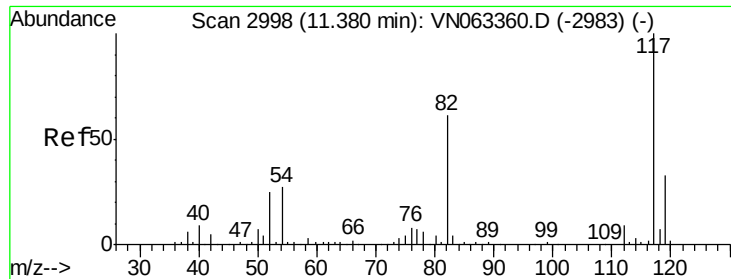
Tot Ion: 43 Resp: 87281
Ion Ratio Lower Upper
43 100
58 18.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 52.305 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063575.D
Acq: 23 Sep 2020 9:16

Tgt Ion: 95 Resp: 202077
Ion Ratio Lower Upper
95 100
174 72.2 0.0 140.8
176 69.3 0.0 137.6

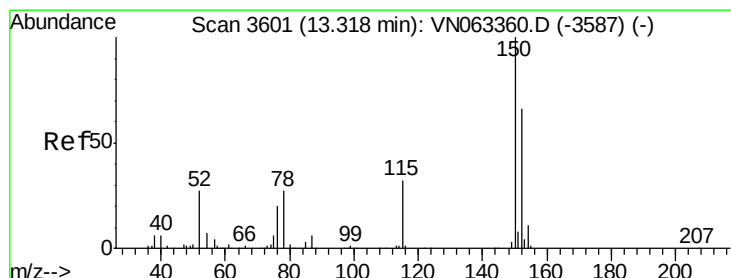
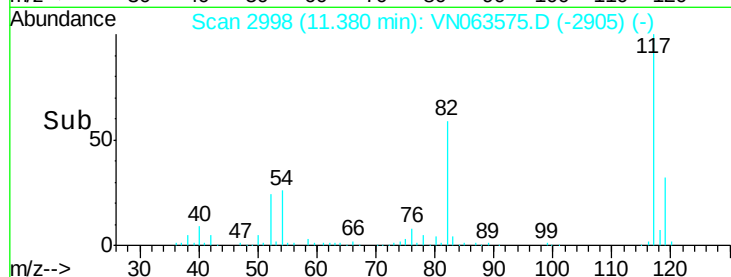
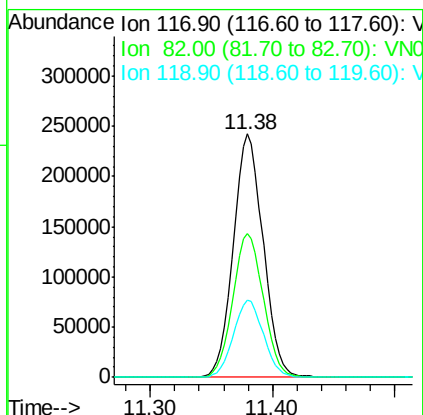
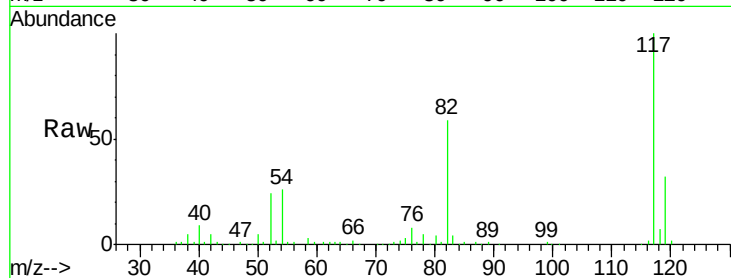




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063575.D
Acq: 23 Sep 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:117 Resp: 411197
Ion Ratio Lower Upper
117 100
82 59.2 49.2 73.8
119 31.7 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: VN063575.D
Acq: 23 Sep 2020 9:16

Tgt Ion:152 Resp: 171468
Ion Ratio Lower Upper
152 100
115 62.2 32.2 96.6
150 156.1 0.0 343.4

