

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064603.D
 Acq On : 13 Nov 2020 1:19
 Operator : JC/MD
 Sample : PB132945ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#01

Quant Time: Nov 13 04:32:47 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

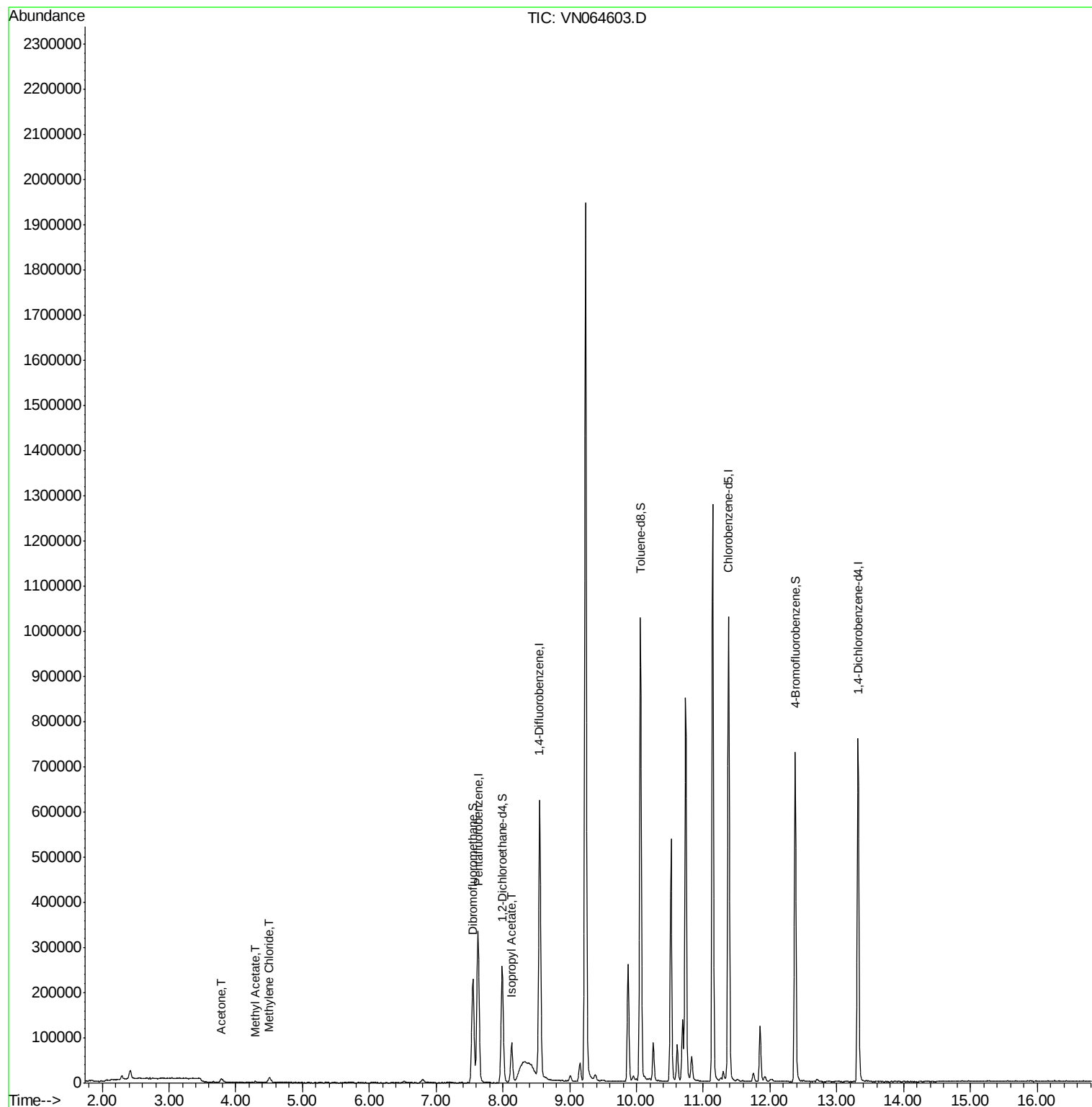
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	515973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	233986	56.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.28%	
35) Dibromofluoromethane	7.55	113	176714	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.06	98	660367	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.38	95	248201	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
Target Compounds						
16) Acetone	3.78	43	13215	8.398	ug/l	92
18) Methyl Acetate	4.29	43	5923	1.915	ug/l #	69
20) Methylene Chloride	4.50	84	7892	2.528	ug/l #	89
43) Isopropyl Acetate	8.13	43	100957	11.429	ug/l	98

(#) = 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: VN064603.D

Acq: 13 Nov 2020 1:19

Instrument :

MSVOA_N

ClientSampleId :

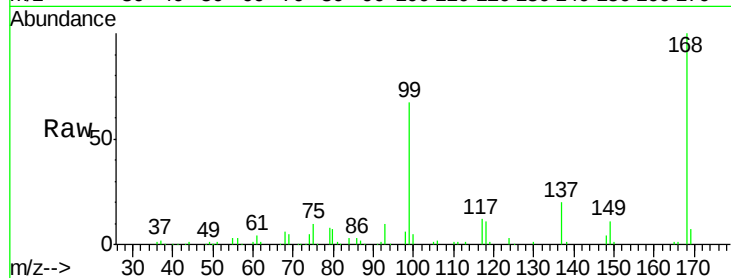
PB132945ZHE#01

Tot Ion:168 Resp: 237157

Ion Ratio Lower Upper

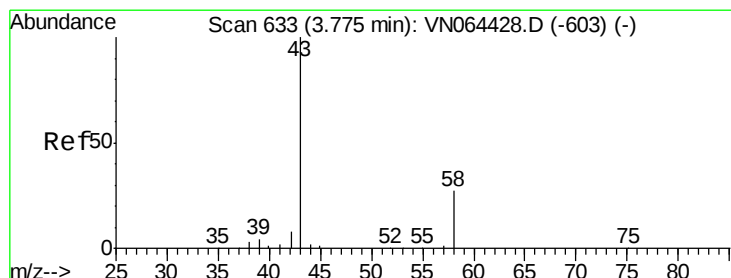
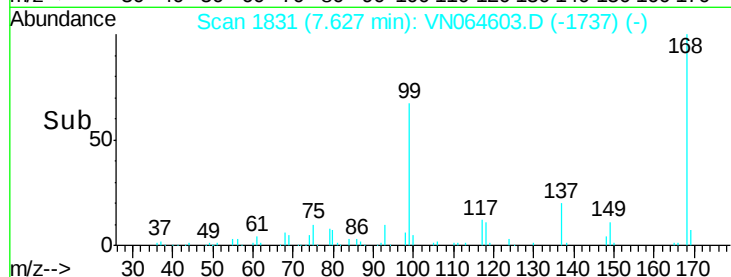
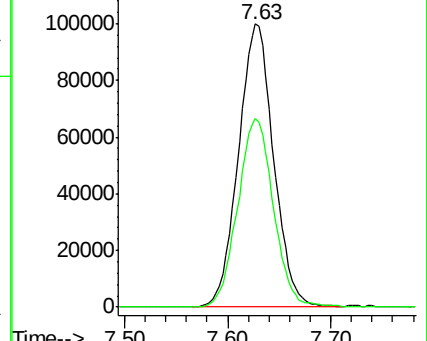
168 100

99 66.6 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.398 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064603.D

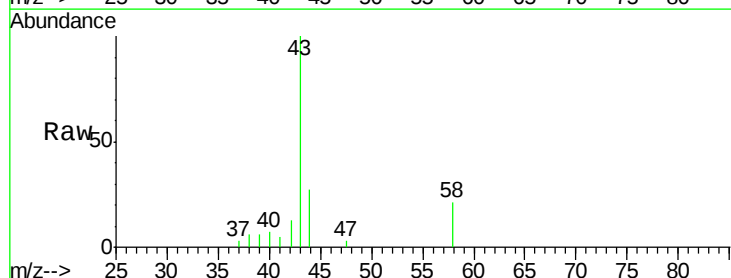
Acq: 13 Nov 2020 1:19

Tgt Ion: 43 Resp: 13215

Ion Ratio Lower Upper

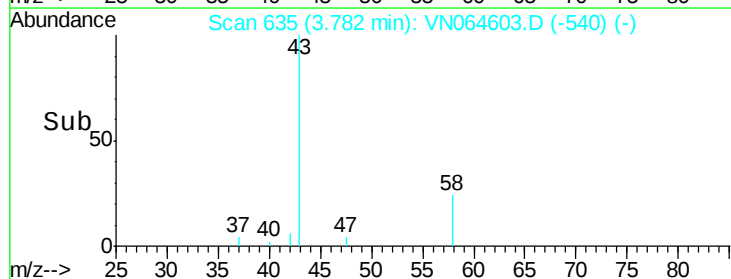
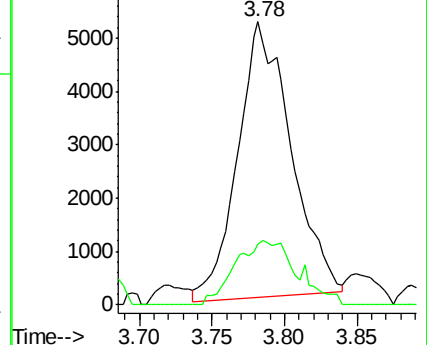
43 100

58 22.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

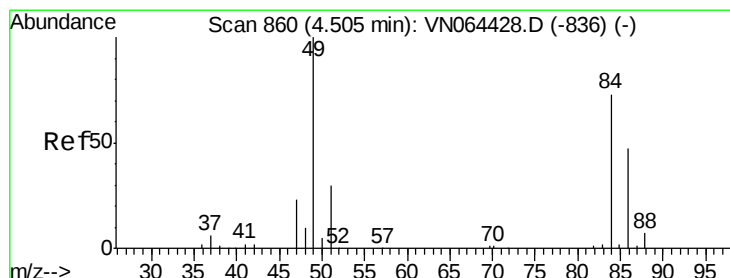
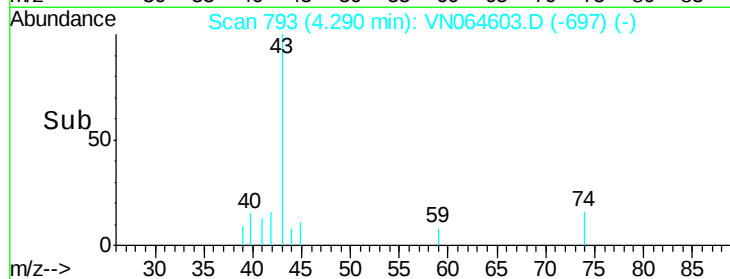
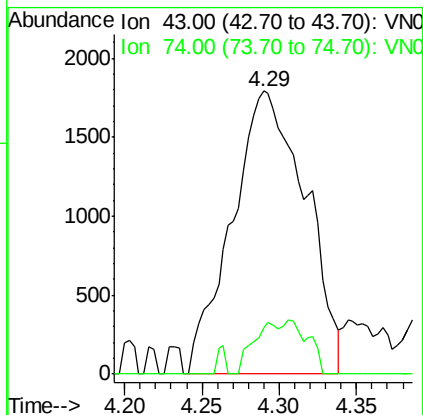
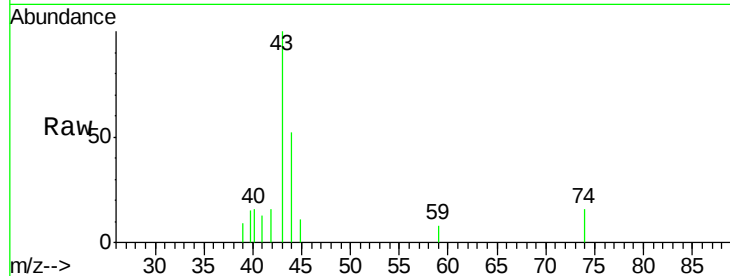




#18
Methyl Acetate
Concen: 1.915 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064603.D
Acq: 13 Nov 2020 1:19

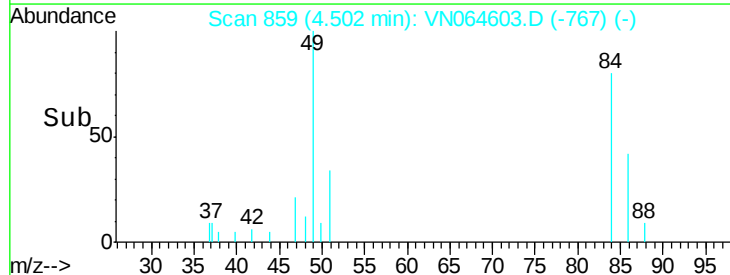
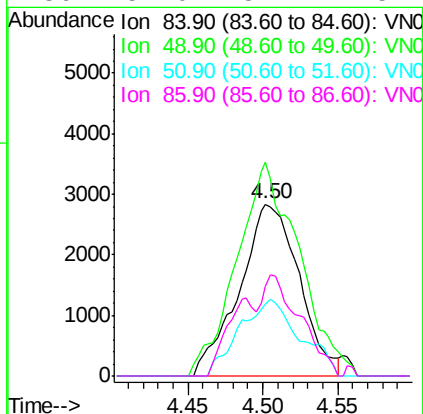
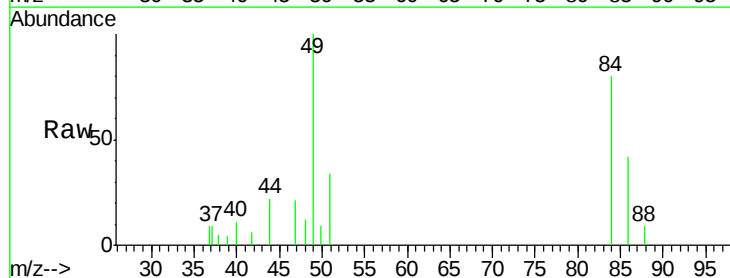
Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#01

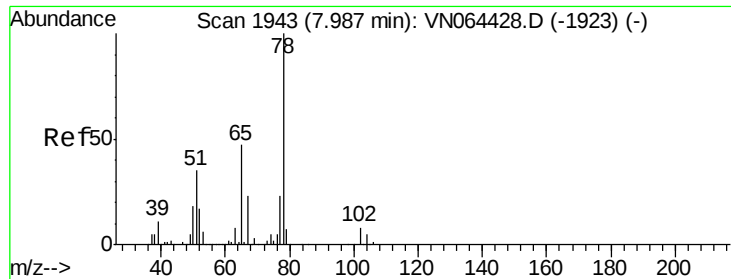
Tot Ion: 43 Resp: 5923
Ion Ratio Lower Upper
43 100
74 6.5 17.0 25.4#



#20
Methylene Chloride
Concen: 2.528 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064603.D
Acq: 13 Nov 2020 1:19

Tgt Ion: 84 Resp: 7892
Ion Ratio Lower Upper
84 100
49 124.5 110.1 165.1
51 42.1 33.6 50.4
86 52.0 52.1 78.1#

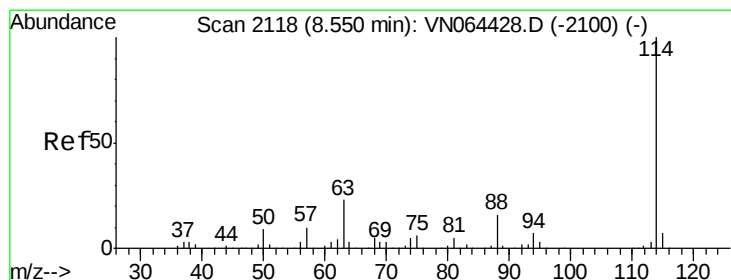
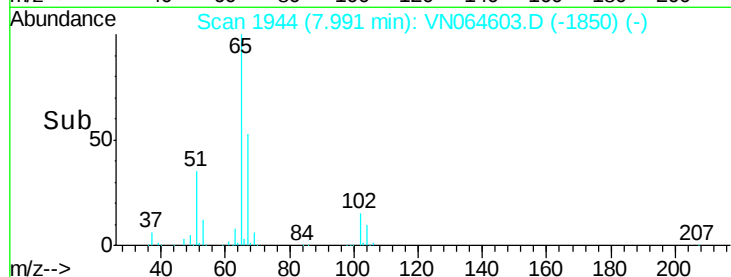
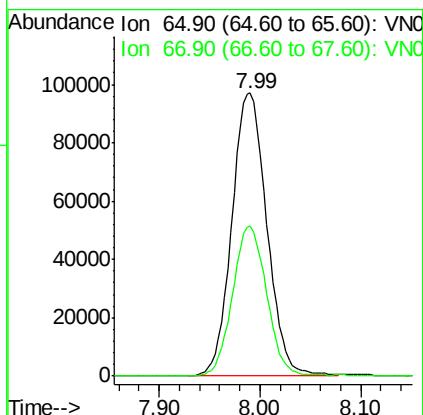
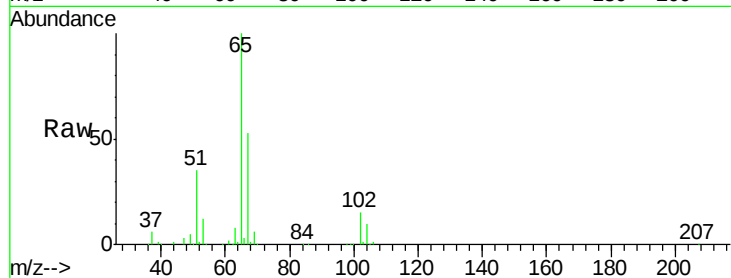




#33
 1,2-Dichloroethane-d4
 Concen: 56.643 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064603.D
 Acq: 13 Nov 2020 1:19

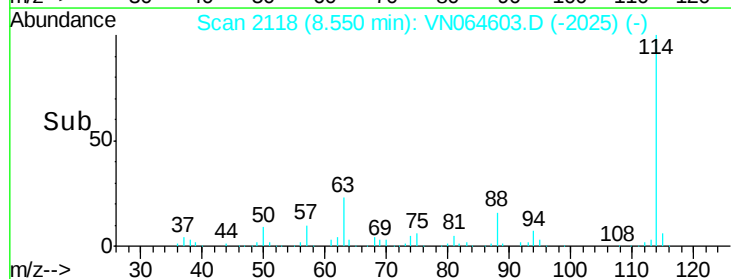
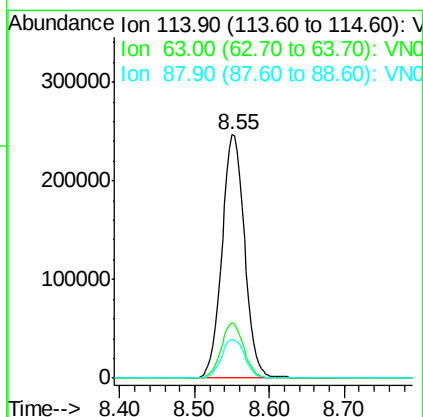
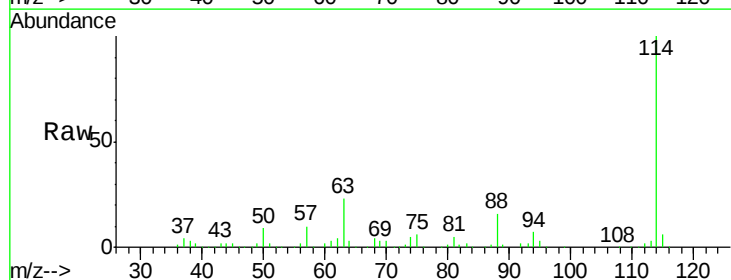
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#01

Tot Ion: 65 Resp: 233986
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064603.D
 Acq: 13 Nov 2020 1:19

Tgt Ion: 114 Resp: 515973
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.0 0.0 32.8

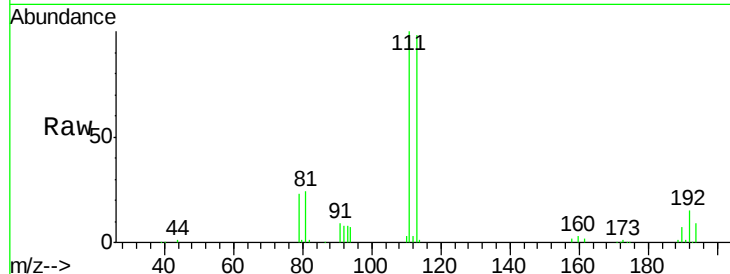




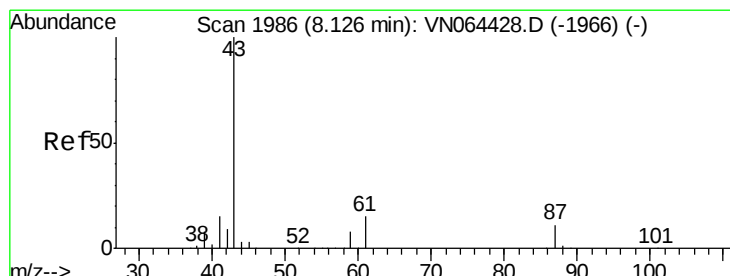
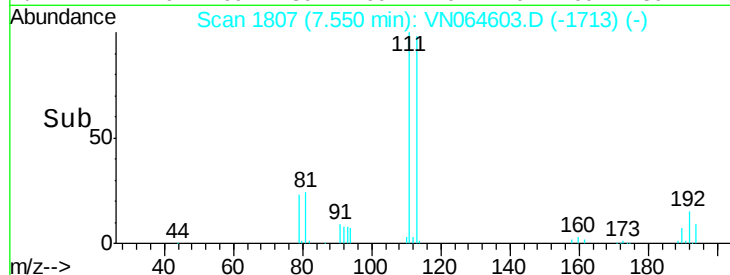
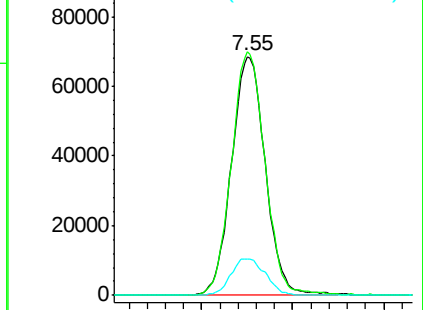
#35
 Dibromofluoromethane
 Concen: 50.302 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064603.D
 Acq: 13 Nov 2020 1:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#01

Tot Ion:113 Resp: 176714
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.1 121.7
 192 15.8 12.8 19.2

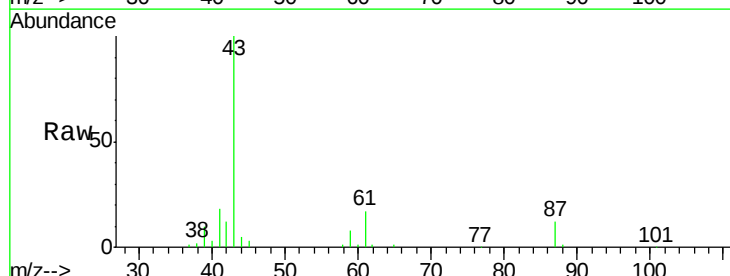


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

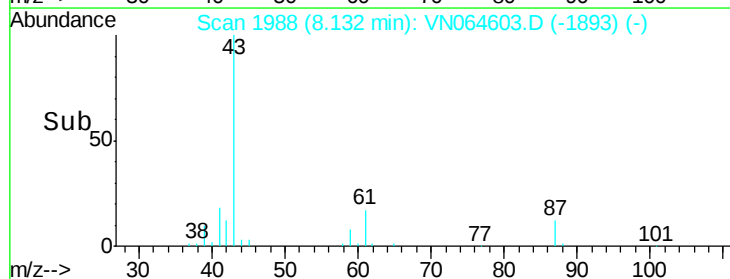
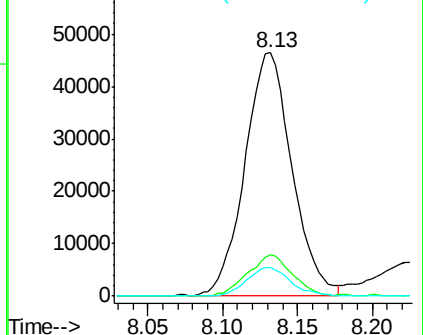


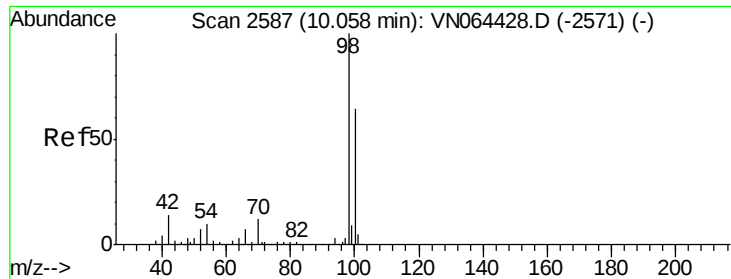
#43
 Isopropyl Acetate
 Concen: 11.429 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064603.D
 Acq: 13 Nov 2020 1:19

Tgt Ion: 43 Resp: 100957
 Ion Ratio Lower Upper
 43 100
 61 16.1 14.0 21.0
 87 11.0 9.1 13.7



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: 48.635 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064603.D

Acq: 13 Nov 2020 1:19

Instrument :

MSVOA_N

ClientSampleId :

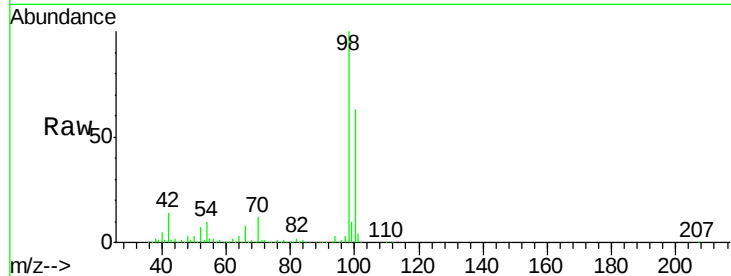
PB132945ZHE#01

Tot Ion: 98 Resp: 660367

Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

400000

300000

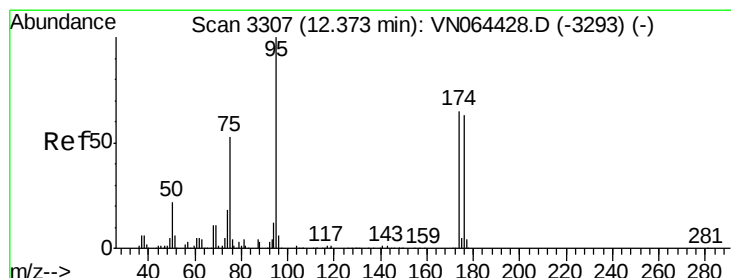
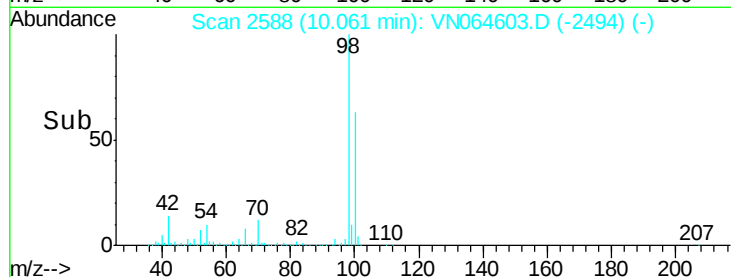
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 48.335 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064603.D

Acq: 13 Nov 2020 1:19

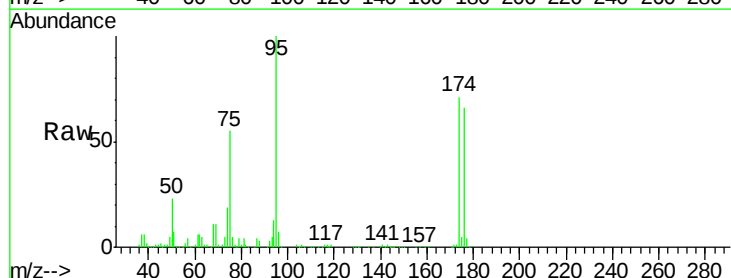
Tgt Ion: 95 Resp: 248201

Ion Ratio Lower Upper

95 100

174 71.6 0.0 132.6

176 66.1 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

200000

150000

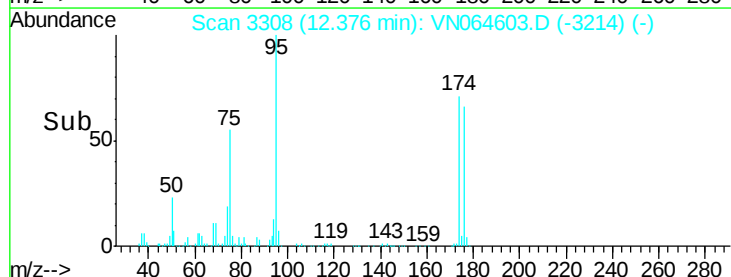
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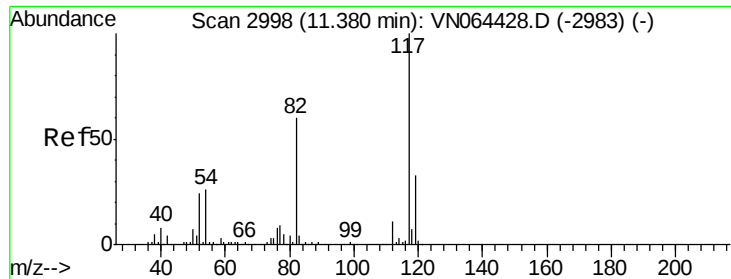
50000

0

12.30 12.40

Time-->

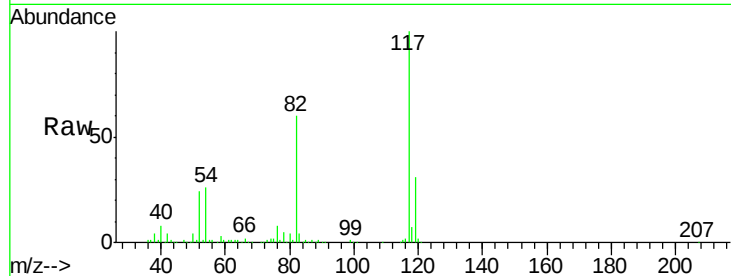




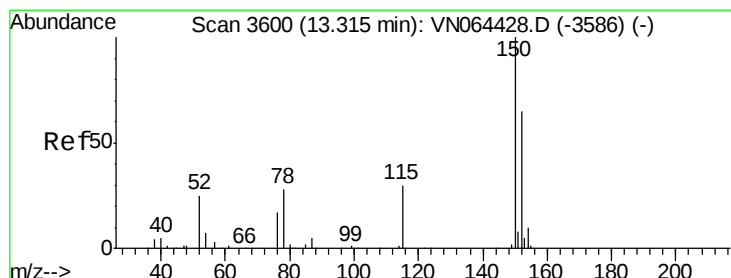
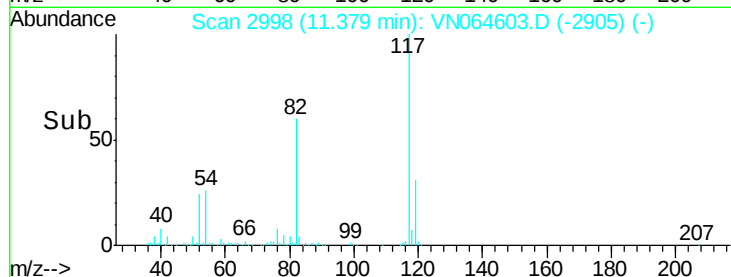
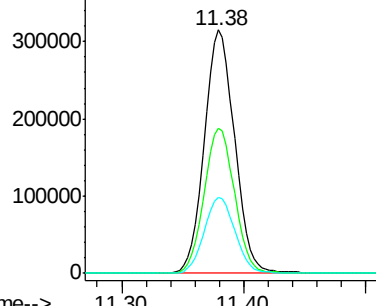
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064603.D
Acq: 13 Nov 2020 1:19

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#01

Tot Ion:117 Resp: 543057
Ion Ratio Lower Upper
117 100
82 59.7 48.1 72.1
119 31.3 26.2 39.4

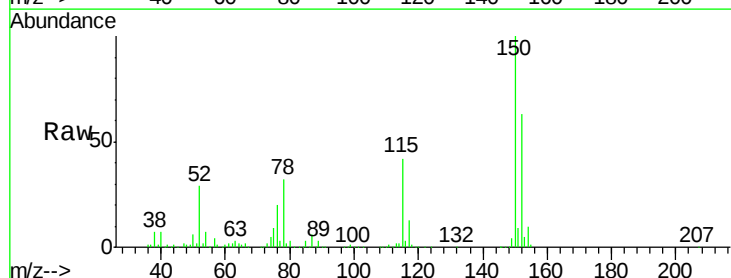


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064603.D
Acq: 13 Nov 2020 1:19

Tgt Ion:152 Resp: 190350
Ion Ratio Lower Upper
152 100
115 64.6 32.0 96.0
150 159.3 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

