

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064689.D
 Acq On : 17 Nov 2020 18:43
 Operator : JC/MD
 Sample : L4783-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Quant Time: Nov 18 03:11:20 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

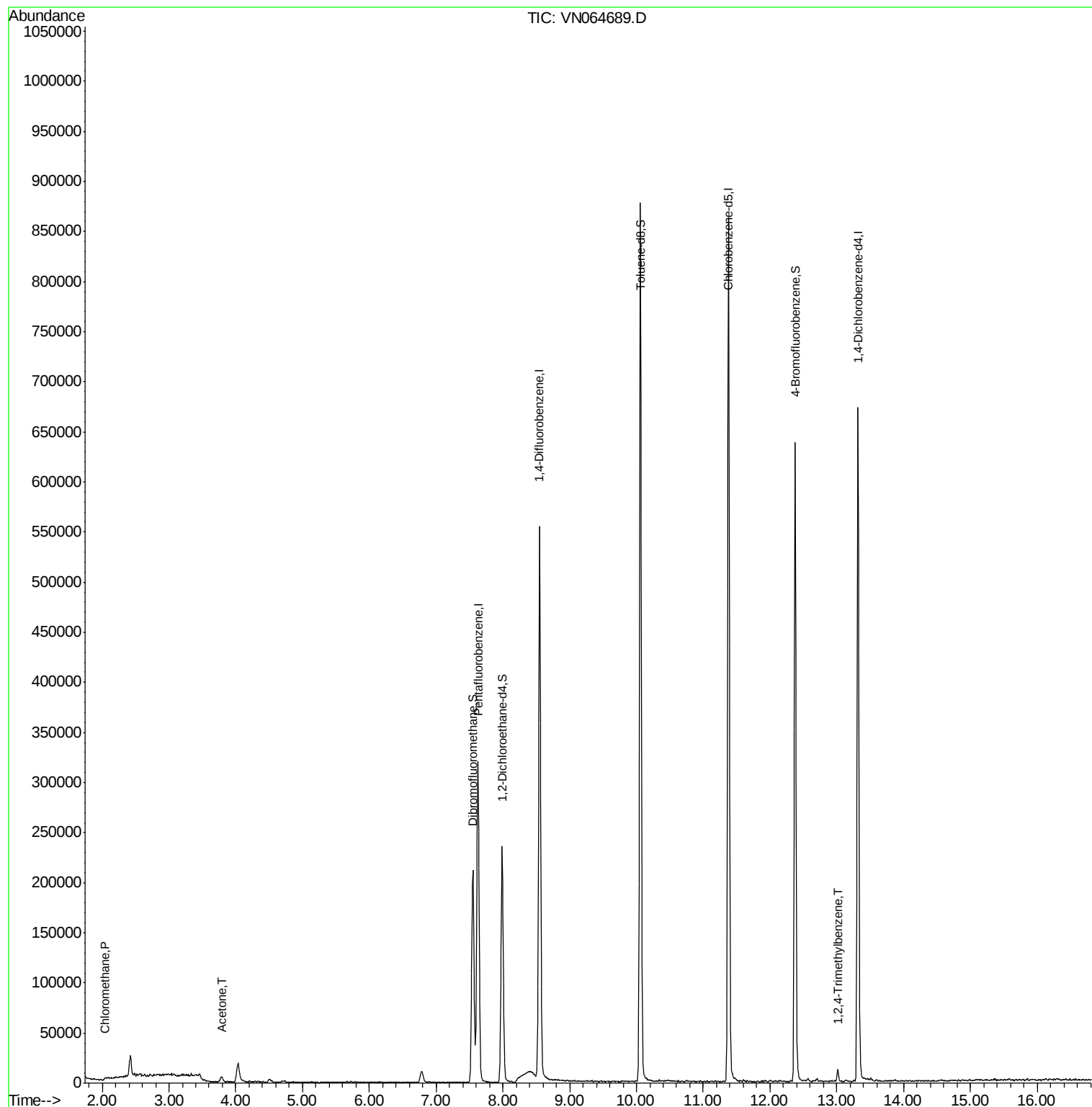
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	224789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	456394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	215129	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	7.55	113	158939	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	10.06	98	576082	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.38	95	217444	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
Target Compounds						
3) Chloromethane	2.04	50	1516	0.427	ug/l	97
16) Acetone	3.79	43	8615	5.776	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	6312	0.559	ug/l	79

(#) = 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: VN064689.D

Acq: 17 Nov 2020 18:43

Instrument :

MSVOA_N

ClientSampled :

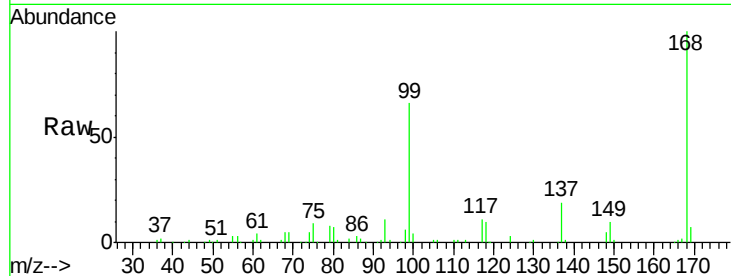
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Tot Ion:168 Resp: 224789

Ion Ratio Lower Upper

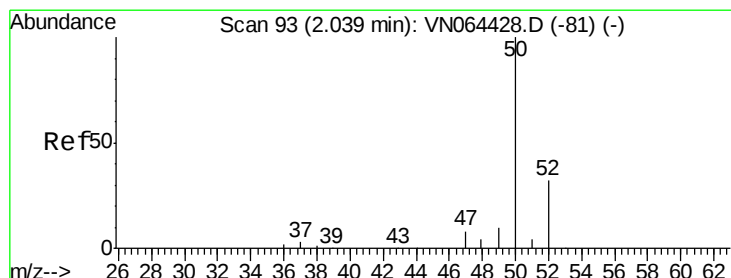
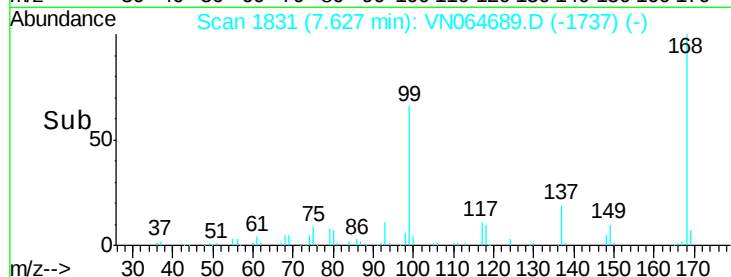
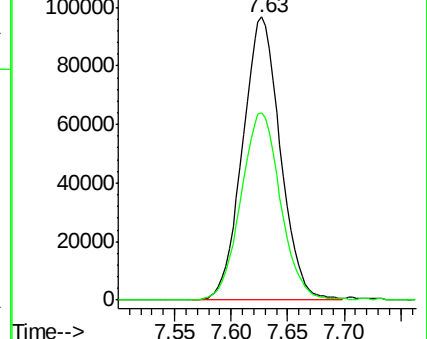
168 100

99 66.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.427 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064689.D

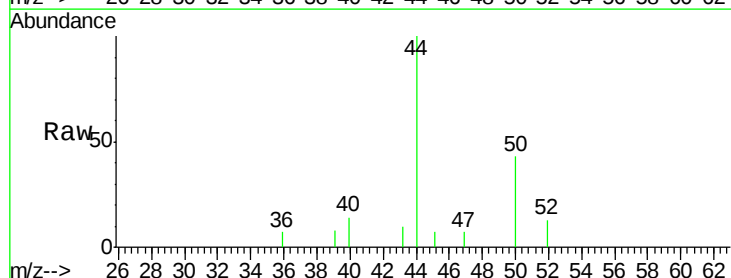
Acq: 17 Nov 2020 18:43

Tgt Ion: 50 Resp: 1516

Ion Ratio Lower Upper

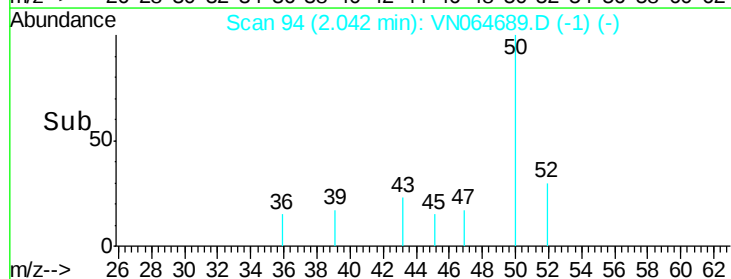
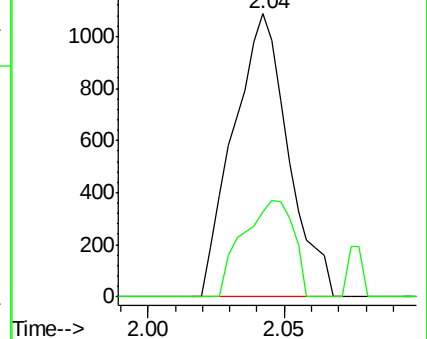
50 100

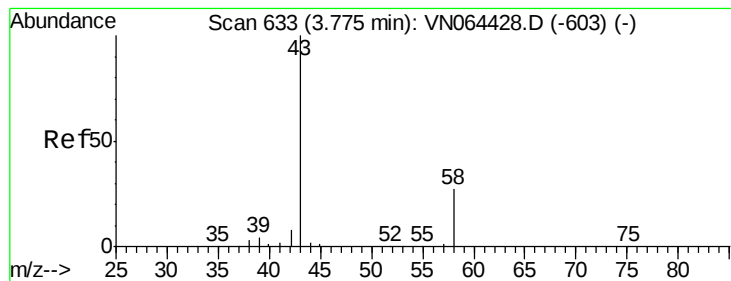
52 30.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#16

Acetone

Concen: 5.776 ug/l

RT: 3.79 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN064689.D

Acq: 17 Nov 2020 18:43

Instrument :

MSVOA_N

ClientSampled :

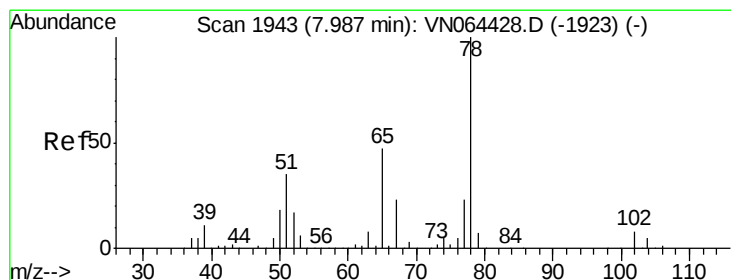
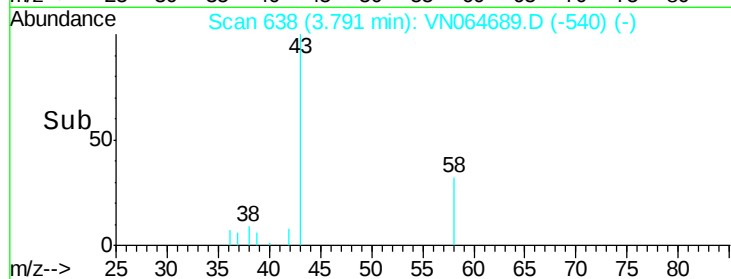
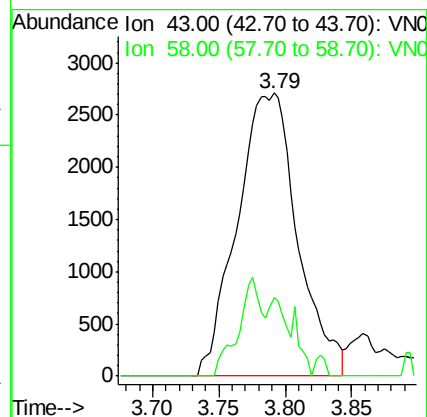
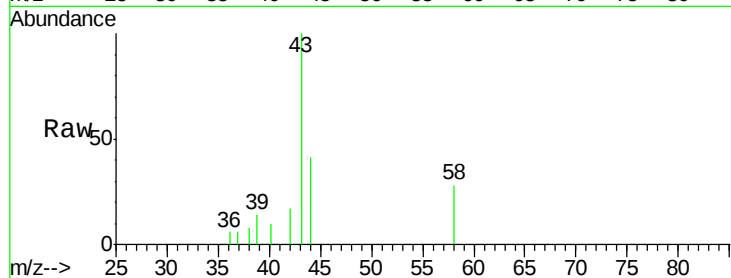
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Tot Ion: 43 Resp: 8615

Ion Ratio Lower Upper

43 100

58 27.7 21.4 32.0



#33

1,2-Dichloroethane-d4

Concen: 54.943 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064689.D

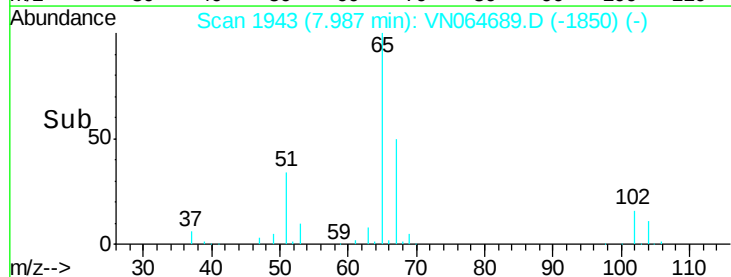
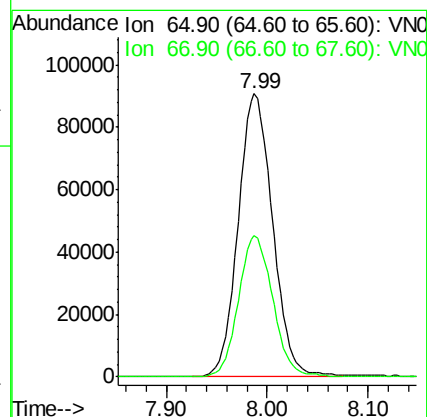
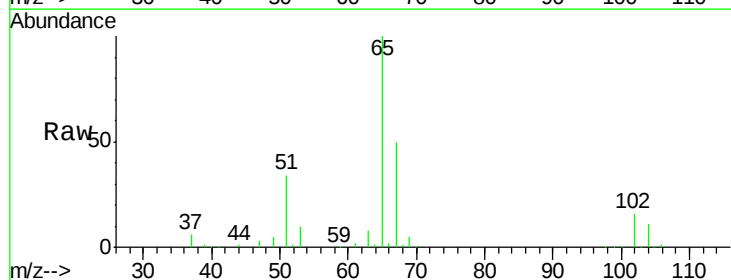
Acq: 17 Nov 2020 18:43

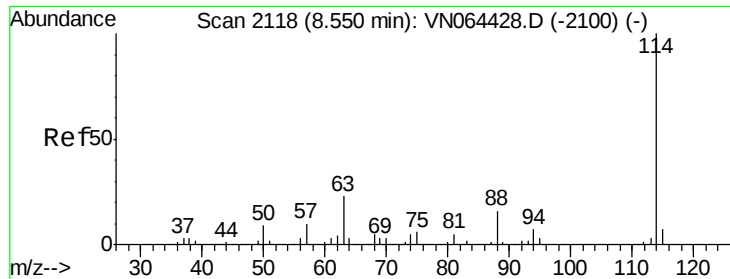
Tgt Ion: 65 Resp: 215129

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.6

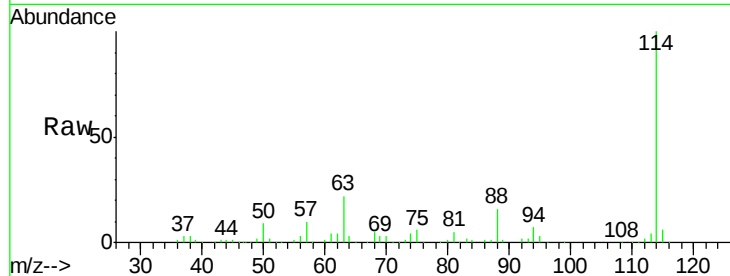




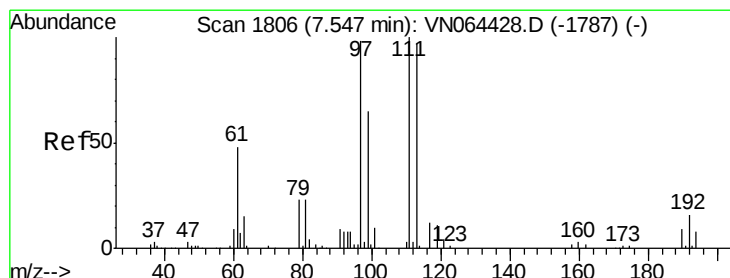
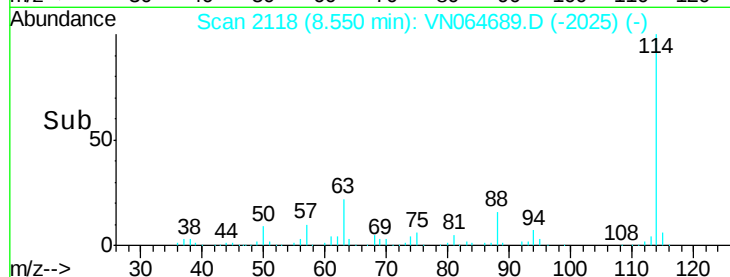
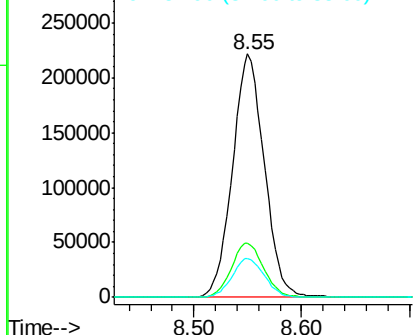
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064689.D
 Acq: 17 Nov 2020 18:43

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Tot Ion:114 Resp: 456394
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.6
 88 16.0 0.0 32.8

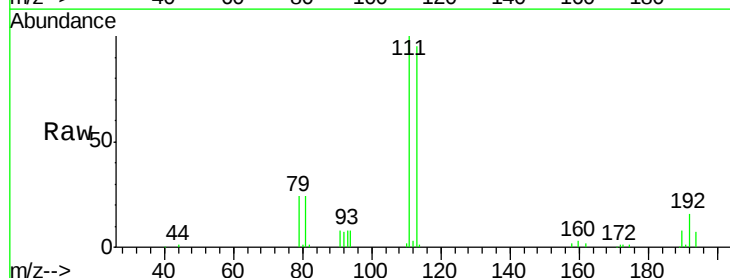


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

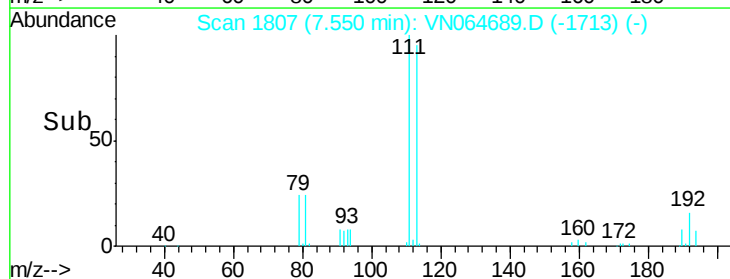
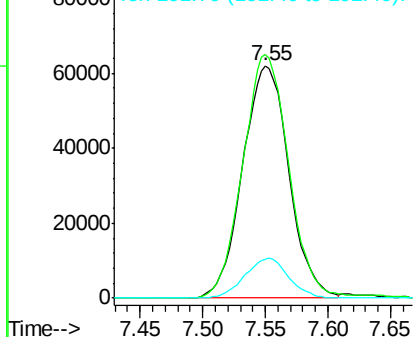


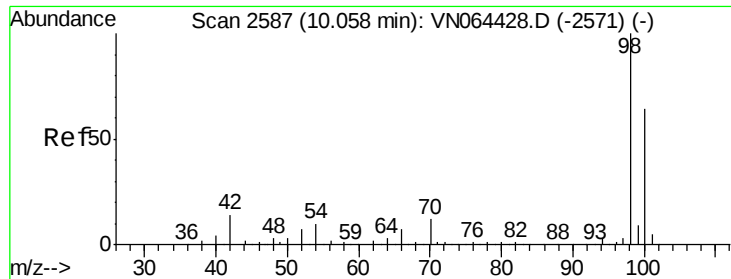
#35
 Dibromofluoromethane
 Concen: 51.148 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064689.D
 Acq: 17 Nov 2020 18:43

Tgt Ion:113 Resp: 158939
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.1 121.7
 192 16.4 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





#50

Toluene-d8

Concen: 47.966 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064689.D

Acq: 17 Nov 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

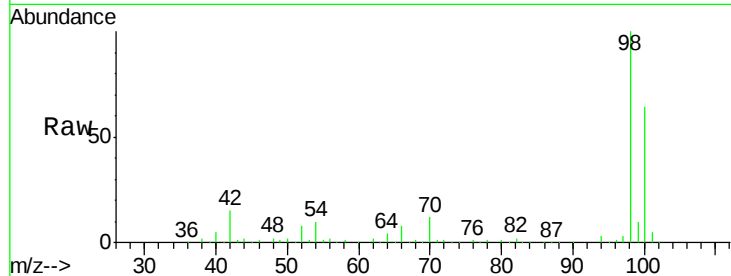
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Tot Ion: 98 Resp: 576082

Ion Ratio Lower Upper

98 100

100 64.5 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

300000

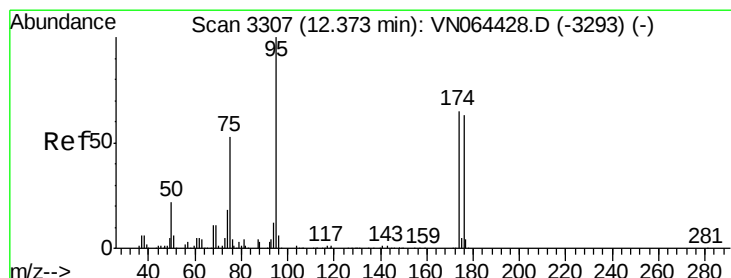
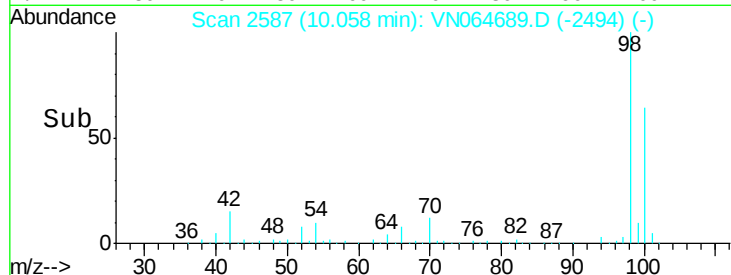
200000

100000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 47.873 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064689.D

Acq: 17 Nov 2020 18:43

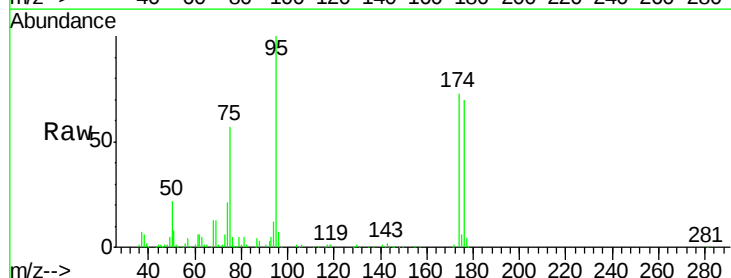
Tgt Ion: 95 Resp: 217444

Ion Ratio Lower Upper

95 100

174 71.5 0.0 132.6

176 66.9 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) (-)

12.38

150000

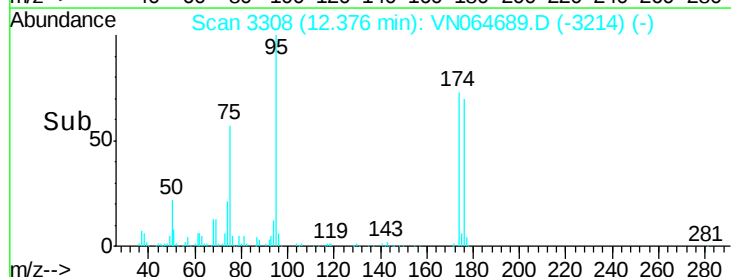
100000

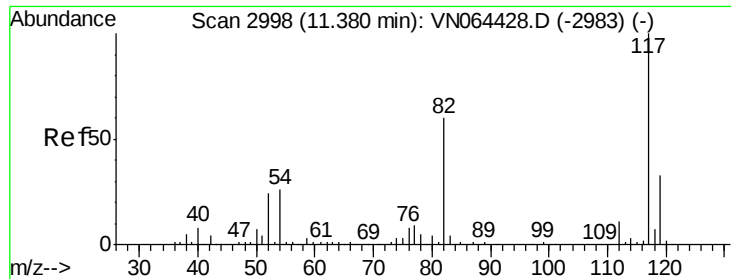
50000

0

Time-->

12.30 12.40

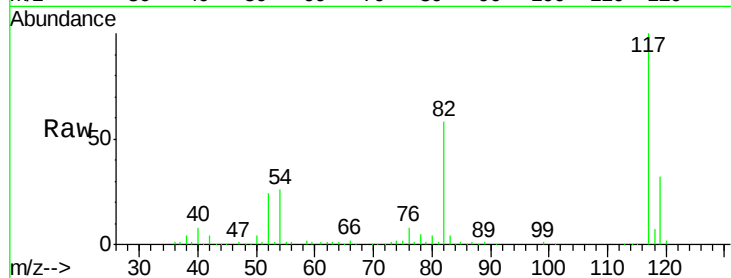




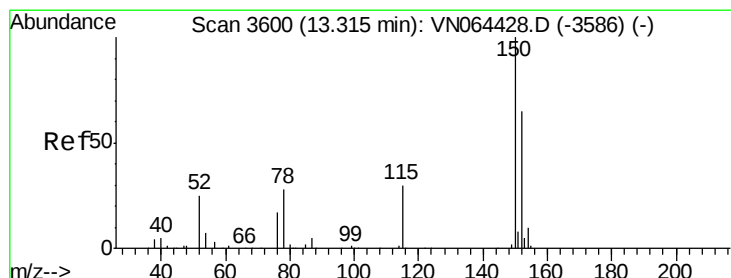
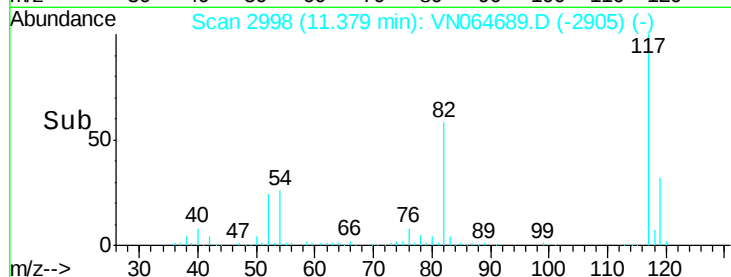
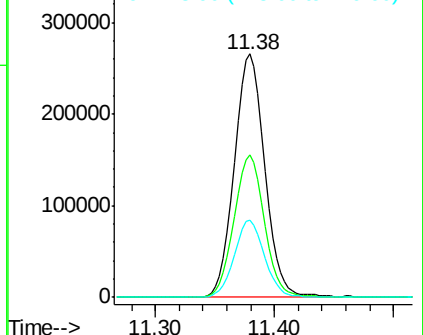
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064689.D
Acq: 17 Nov 2020 18:43

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

Tot Ion:117 Resp: 472137
Ion Ratio Lower Upper
117 100
82 58.3 48.1 72.1
119 31.8 26.2 39.4

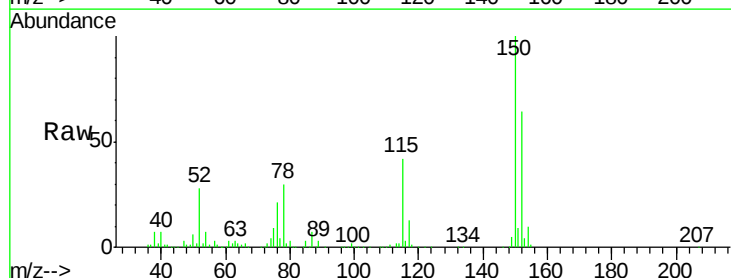


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

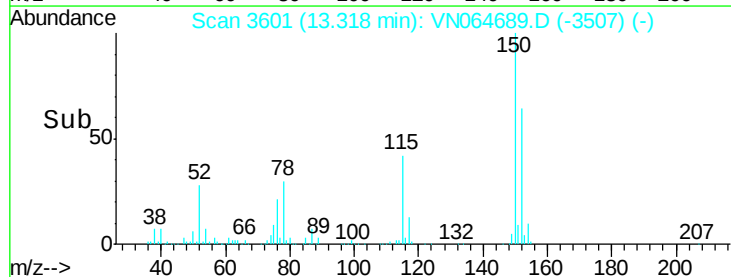
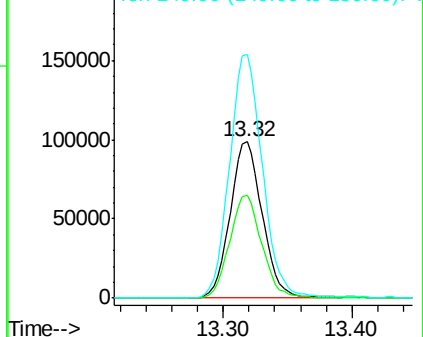


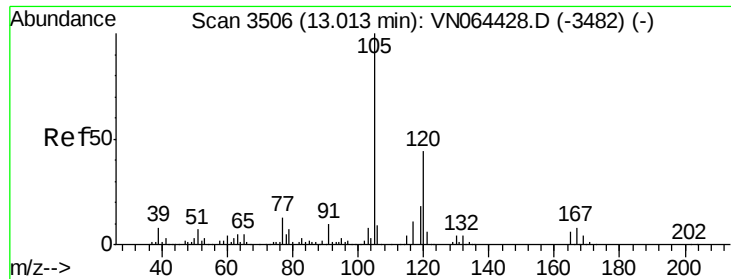
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064689.D
Acq: 17 Nov 2020 18:43

Tgt Ion:152 Resp: 171345
Ion Ratio Lower Upper
152 100
115 65.8 32.0 96.0
150 158.6 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





#84
 1,2,4-Trimethylbenzene
 Concen: 0.559 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064689.D
 Acq: 17 Nov 2020 18:43

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Tot Ion:105 Resp: 6312
 Ion Ratio Lower Upper
 105 100
 120 57.1 21.9 65.7

