

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064832.D
 Acq On : 25 Nov 2020 00:42
 Operator : JC/MD
 Sample : L4798-05 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 29BR-20201118

Quant Time: Nov 25 15:33:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	161774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	293860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	98988	52.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.26%
35) Dibromofluoromethane	7.55	113	91147	53.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.26%
50) Toluene-d8	10.06	98	358404	51.13	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.26%
62) 4-Bromofluorobenzene	12.37	95	137903	54.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.94%

Target Compounds

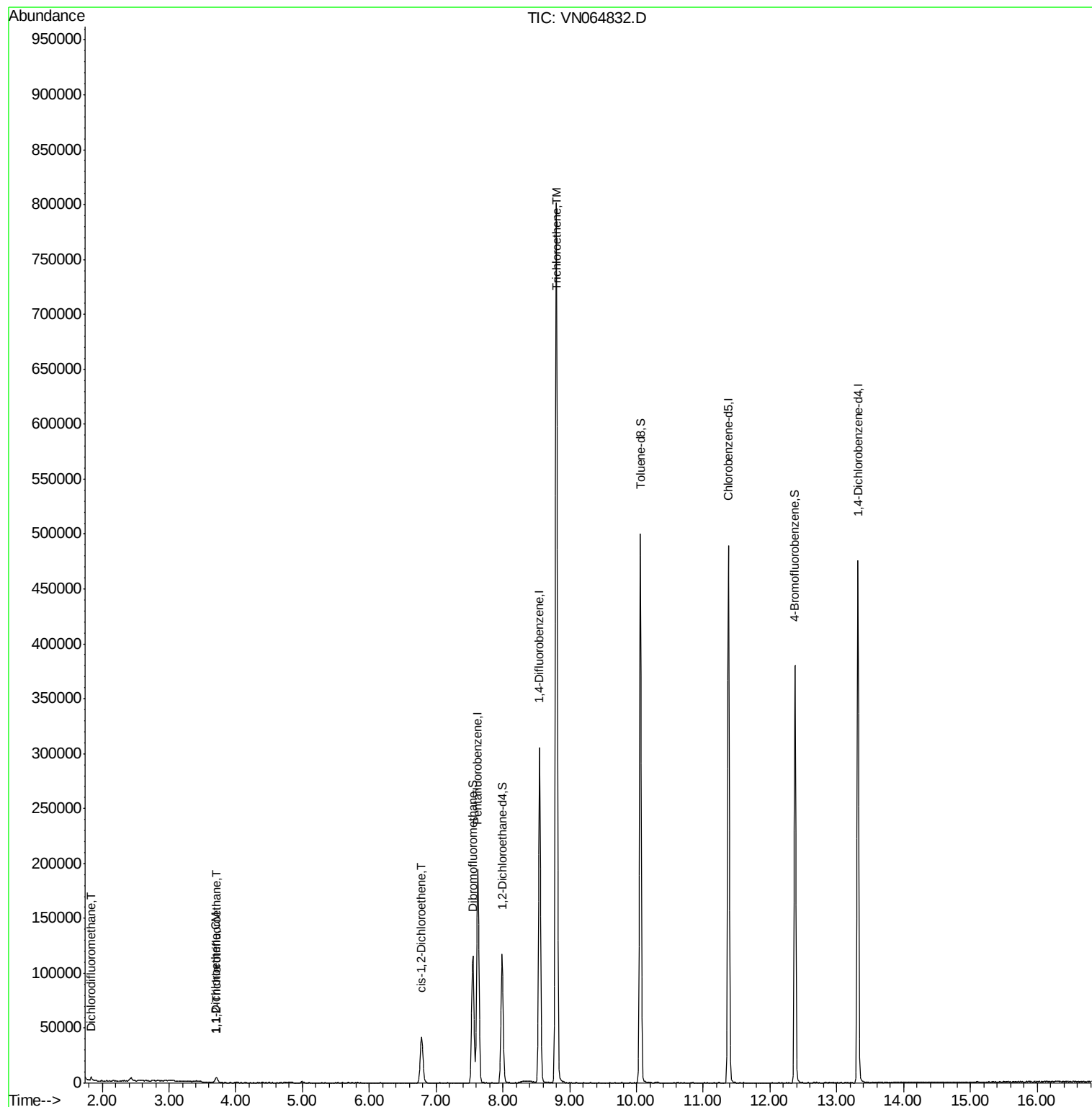
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	2690	1.919	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2479	1.574	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	1236	0.788	ug/l #	89
27) cis-1,2-Dichloroethene	6.78	96	27361	13.958	ug/l	89
44) Trichloroethene	8.80	130	311085	129.475	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064832.D

Acq: 25 Nov 2020 00:42

Instrument :

MSVOA_N

ClientSampleId :

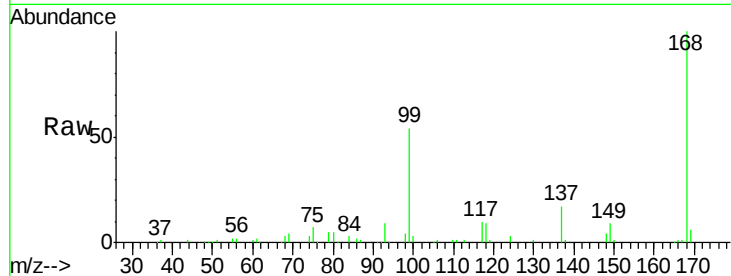
29BR-20201118

Tot Ion:168 Resp: 161774

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

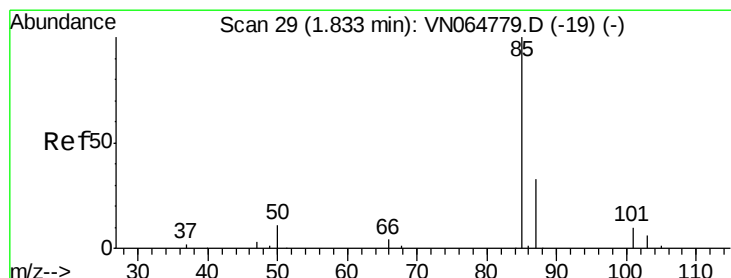
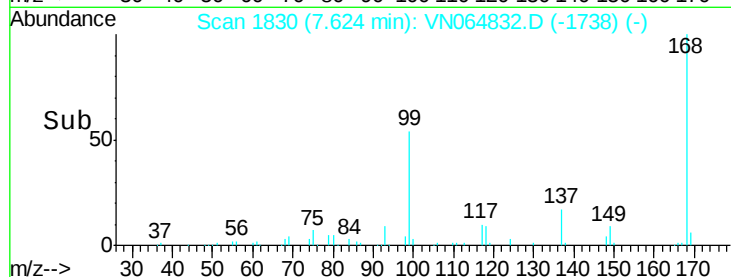
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.919 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064832.D

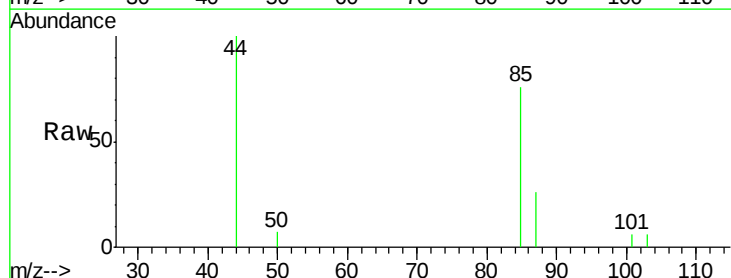
Acq: 25 Nov 2020 00:42

Tgt Ion: 85 Resp: 2690

Ion Ratio Lower Upper

85 100

87 34.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

2500

2000

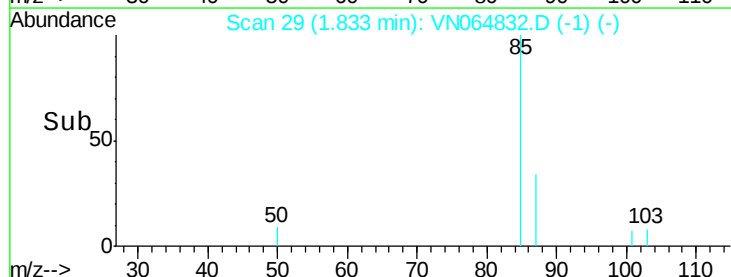
1500

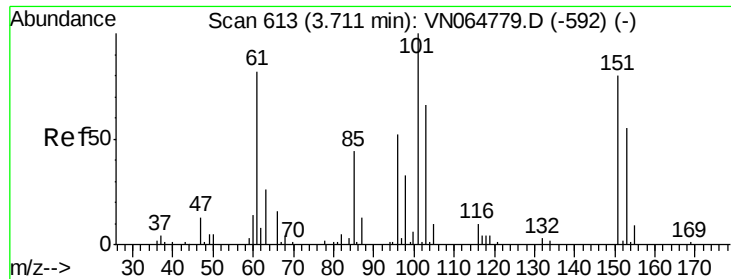
1000

500

0

Time--> 1.80 1.82 1.84 1.86 1.88





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.574 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064832.D

Acq: 25 Nov 2020 00:42

Instrument :

MSVOA_N

ClientSampleId :

29BR-20201118

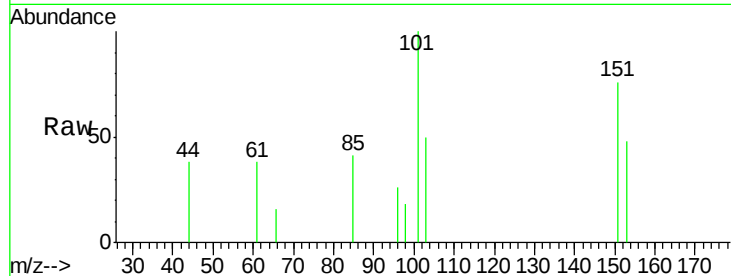
Tot Ion:101 Resp: 2479

Ion Ratio Lower Upper

101 100

85 32.6 34.4 51.6#

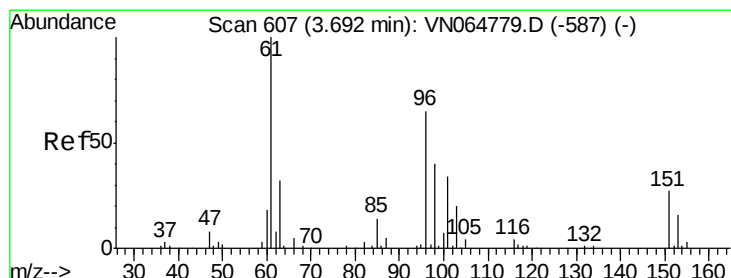
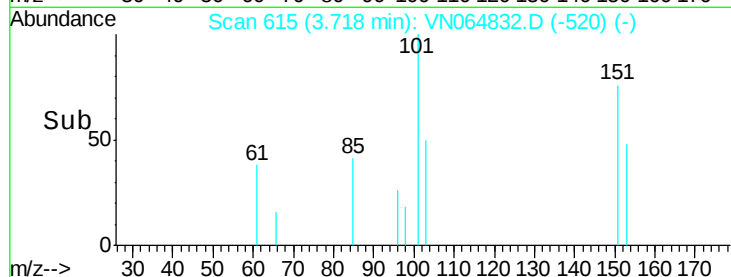
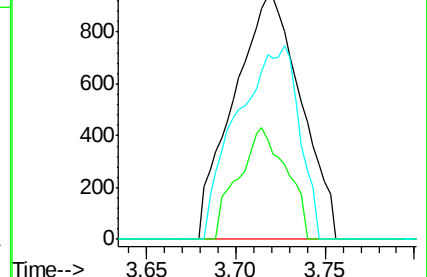
151 73.0 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 0.788 ug/l

RT: 3.70 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN064832.D

Acq: 25 Nov 2020 00:42

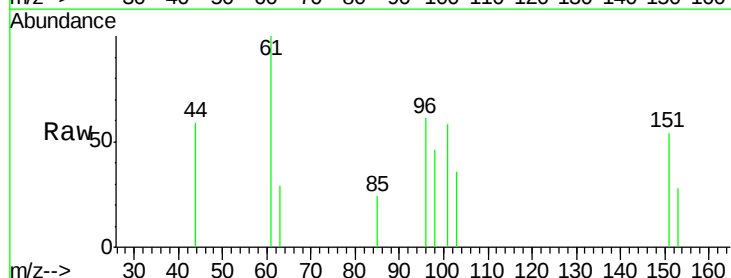
Tgt Ion: 96 Resp: 1236

Ion Ratio Lower Upper

96 100

61 164.6 123.4 185.2

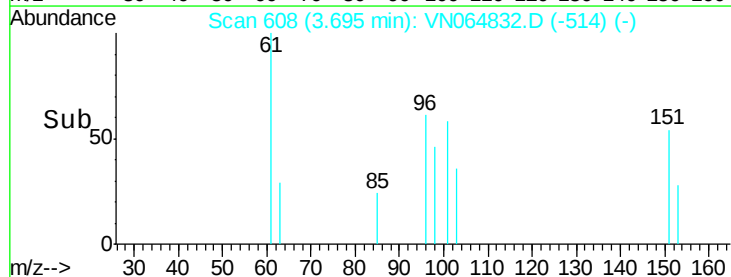
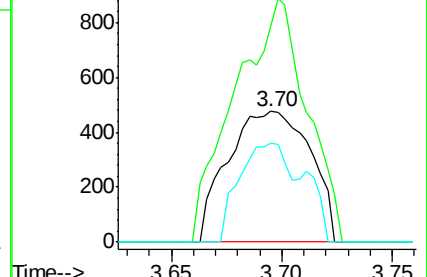
98 75.9 49.8 74.8#

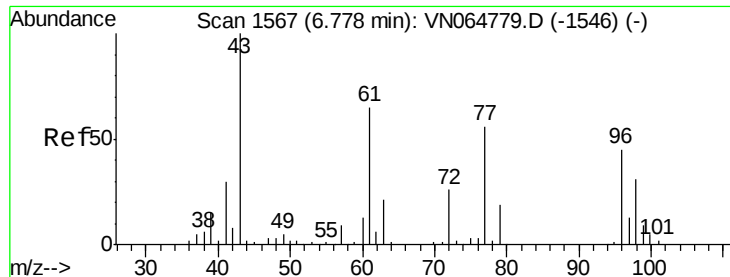


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 13.958 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064832.D

Acq: 25 Nov 2020 00:42

Instrument :

MSVOA_N

ClientSampleId :

29BR-20201118

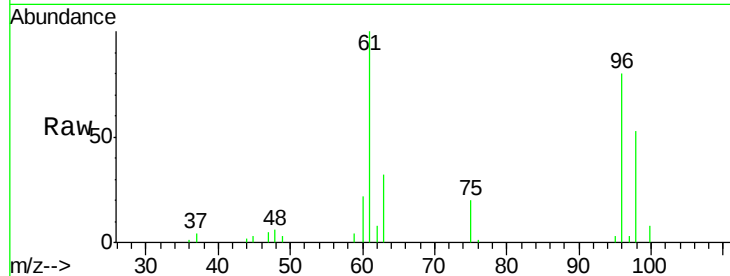
Tot Ion: 96 Resp: 27361

Ion Ratio Lower Upper

96 100

61 123.3 0.0 285.8

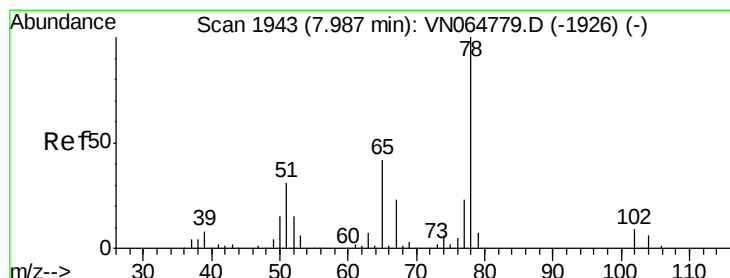
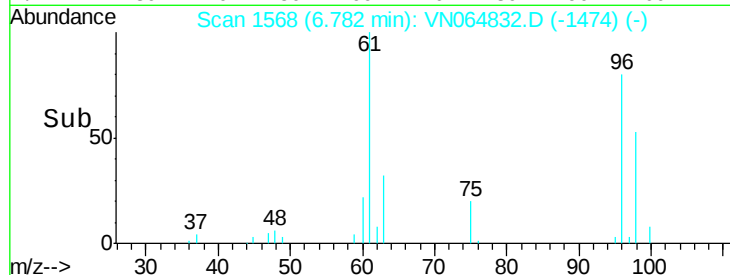
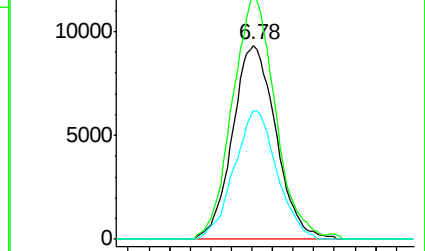
98 65.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064832.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064832.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064832.D (-1474) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.633 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064832.D

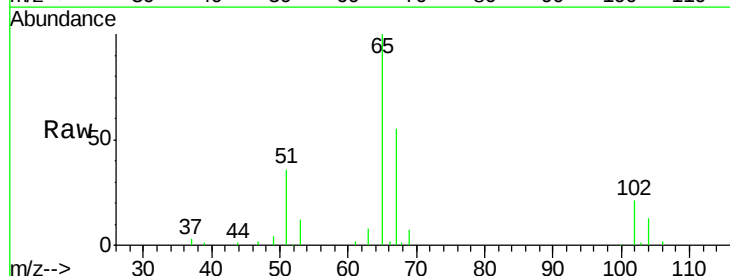
Acq: 25 Nov 2020 00:42

Tgt Ion: 65 Resp: 98988

Ion Ratio Lower Upper

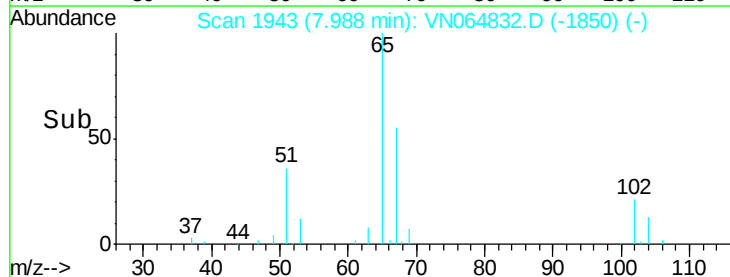
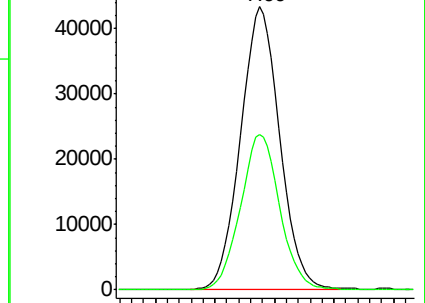
65 100

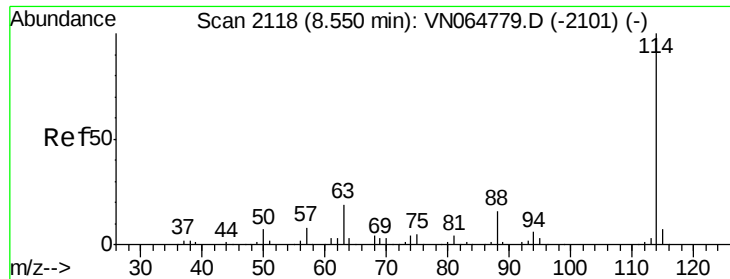
67 55.0 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064832.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064832.D (-1850) (-)

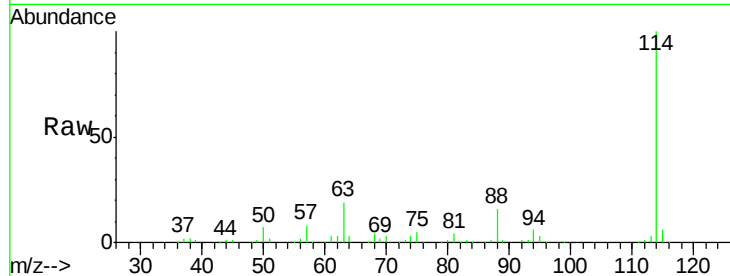




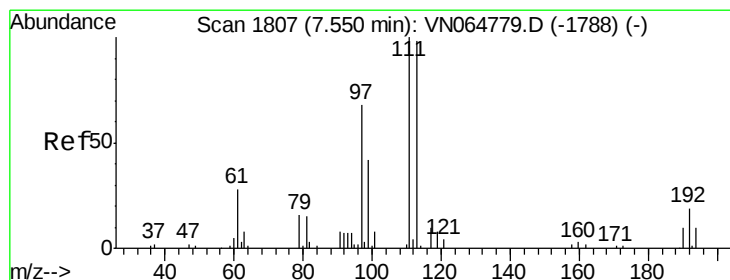
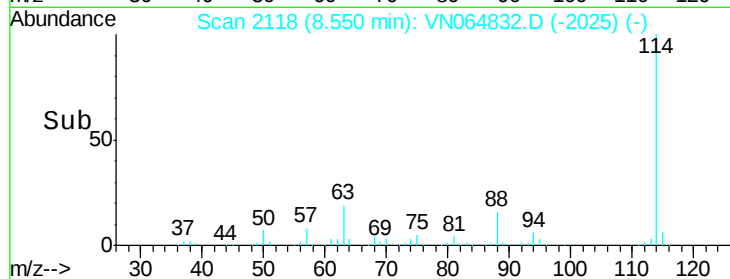
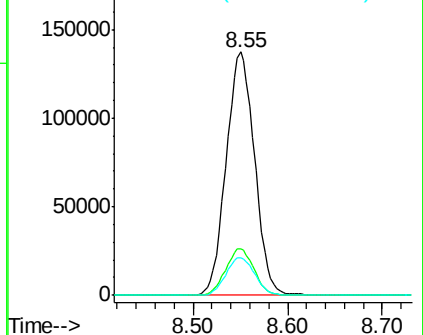
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064832.D
 Acq: 25 Nov 2020 00:42

Instrument :
 MSVOA_N
 ClientSampleId :
 29BR-20201118

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.7	0.0	32.6

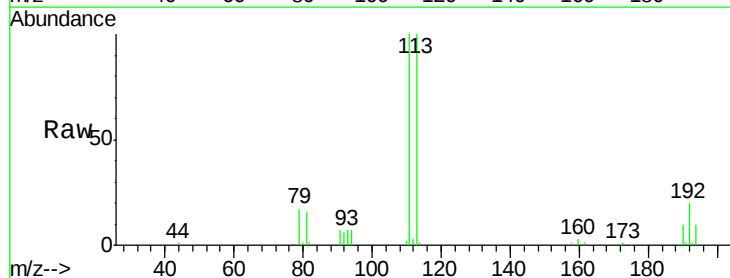


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

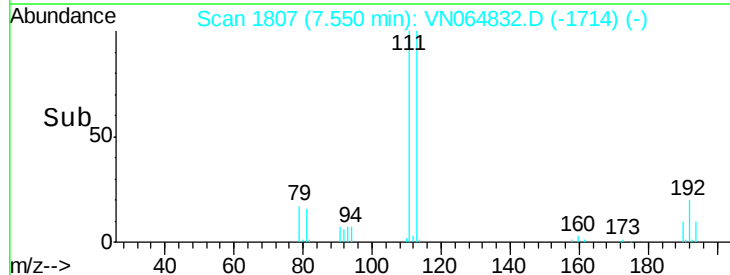
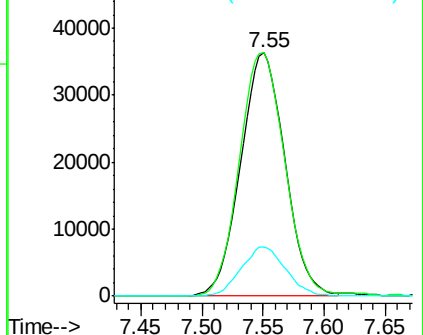


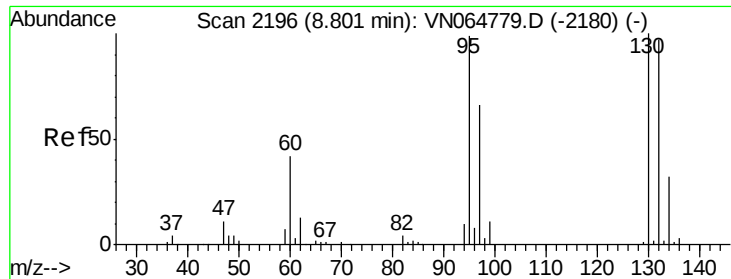
#35
 Dibromofluoromethane
 Concen: 53.131 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064832.D
 Acq: 25 Nov 2020 00:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.6	122.4
192	20.3	16.2	24.2



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

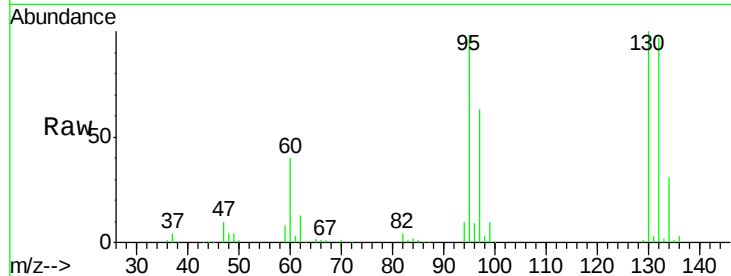




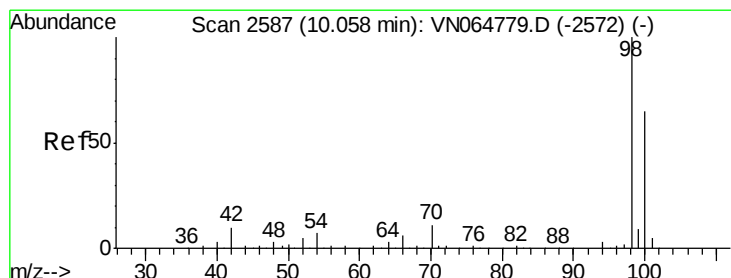
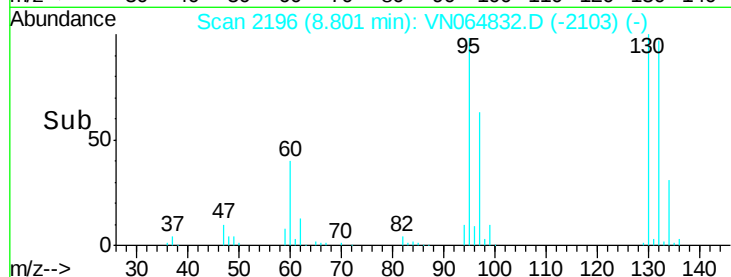
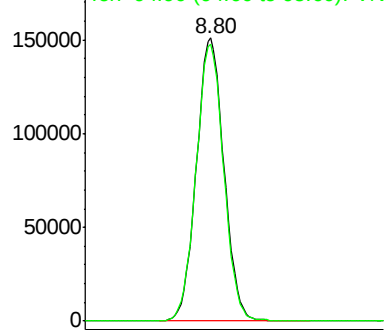
#44
 Trichloroethene
 Concen: 129.475 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064832.D
 Acq: 25 Nov 2020 00:42

Instrument :
 MSVOA_N
 ClientSampleId :
 29BR-20201118

Tot Ion:130 Resp: 311085
 Ion Ratio Lower Upper
 130 100
 95 97.9 0.0 197.8

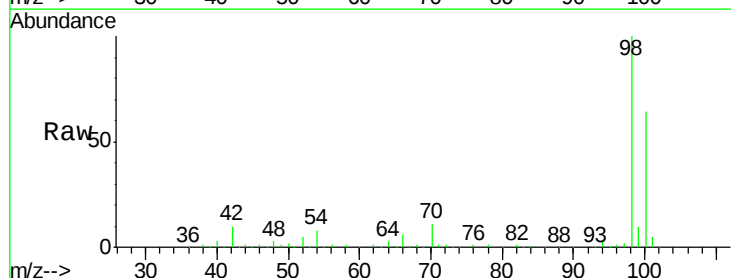


Abundance Ion 129.80 (129.50 to 130.50): V

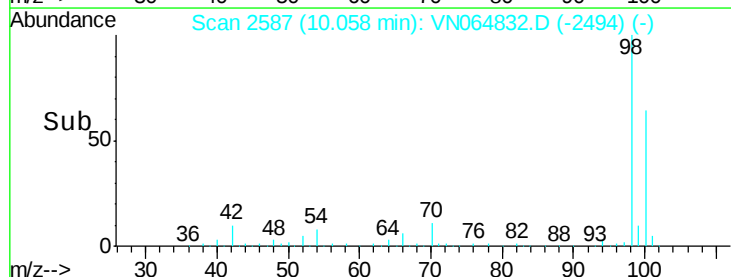
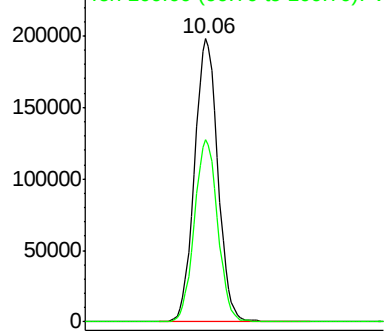


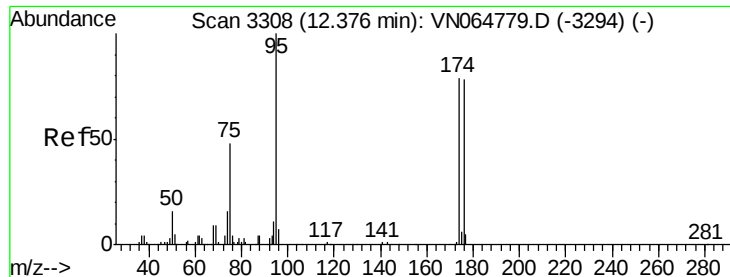
#50
 Toluene-d8
 Concen: 51.132 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064832.D
 Acq: 25 Nov 2020 00:42

Tgt Ion: 98 Resp: 358404
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

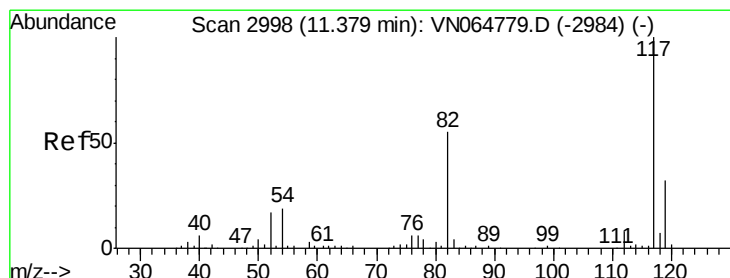
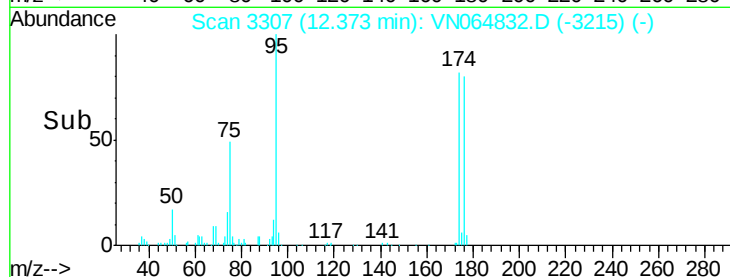
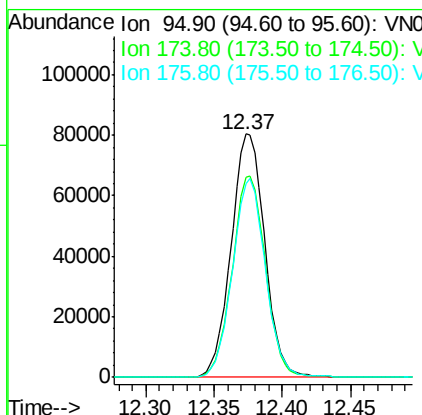
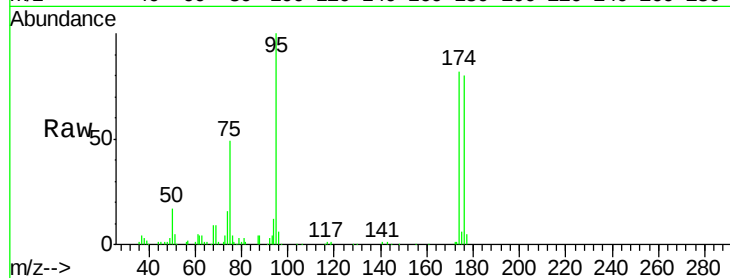




#62
4-Bromofluorobenzene
Concen: 54.974 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064832.D
Acq: 25 Nov 2020 00:42

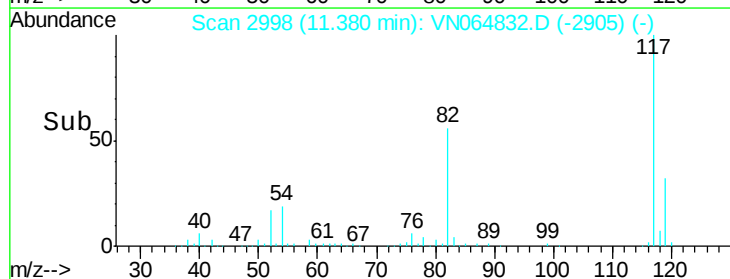
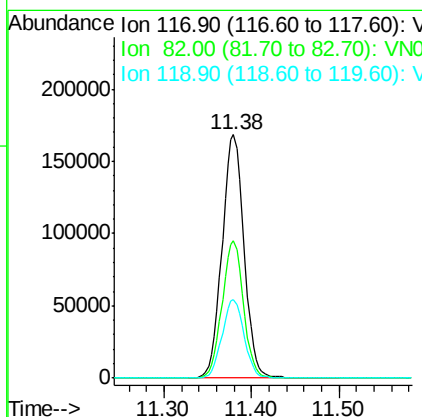
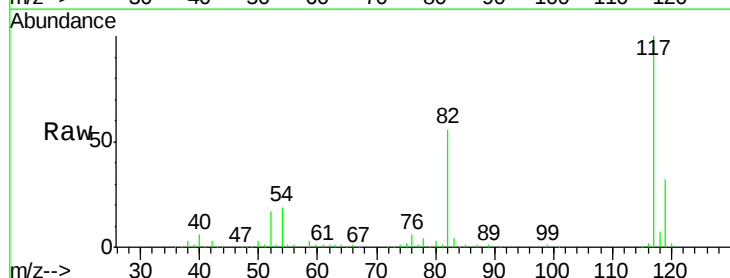
Instrument :
MSVOA_N
ClientSampleId :
29BR-20201118

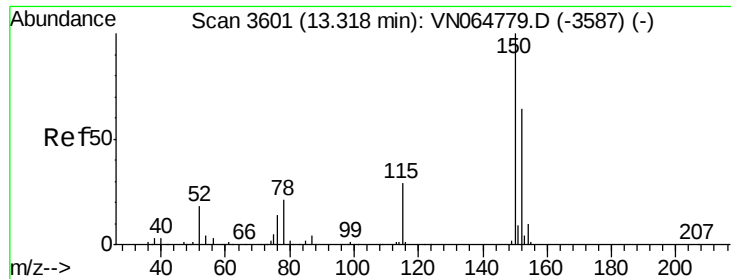
Tot Ion: 95 Resp: 137903
Ion Ratio Lower Upper
95 100
174 82.0 0.0 160.4
176 80.0 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064832.D
Acq: 25 Nov 2020 00:42

Tgt Ion: 117 Resp: 293860
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064832.D

Acq: 25 Nov 2020 00:42

Instrument :

MSVOA_N

ClientSampleId :

29BR-20201118

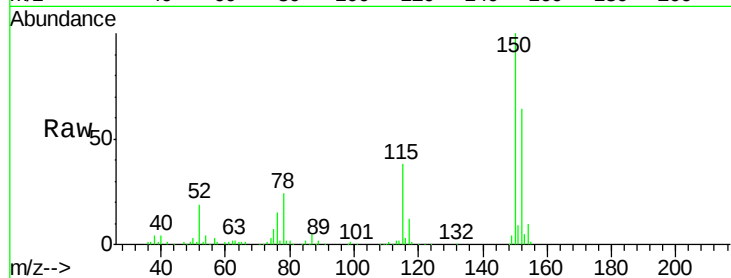
Tot Ion:152 Resp: 134195

Ion Ratio Lower Upper

152 100

115 59.1 29.7 89.1

150 157.8 0.0 350.6



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

