

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064849.D
 Acq On : 25 Nov 2020 11:52
 Operator : JC/MD
 Sample : L4798-06DL 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 45BR-20201118DL

Quant Time: Nov 26 04:01:20 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	158661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	282466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	289687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128619	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	97520	52.87	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.74%
35) Dibromofluoromethane	7.55	113	91162	53.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.88%
50) Toluene-d8	10.06	98	352433	51.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.06%
62) 4-Bromofluorobenzene	12.38	95	134178	54.29	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.58%

Target Compounds

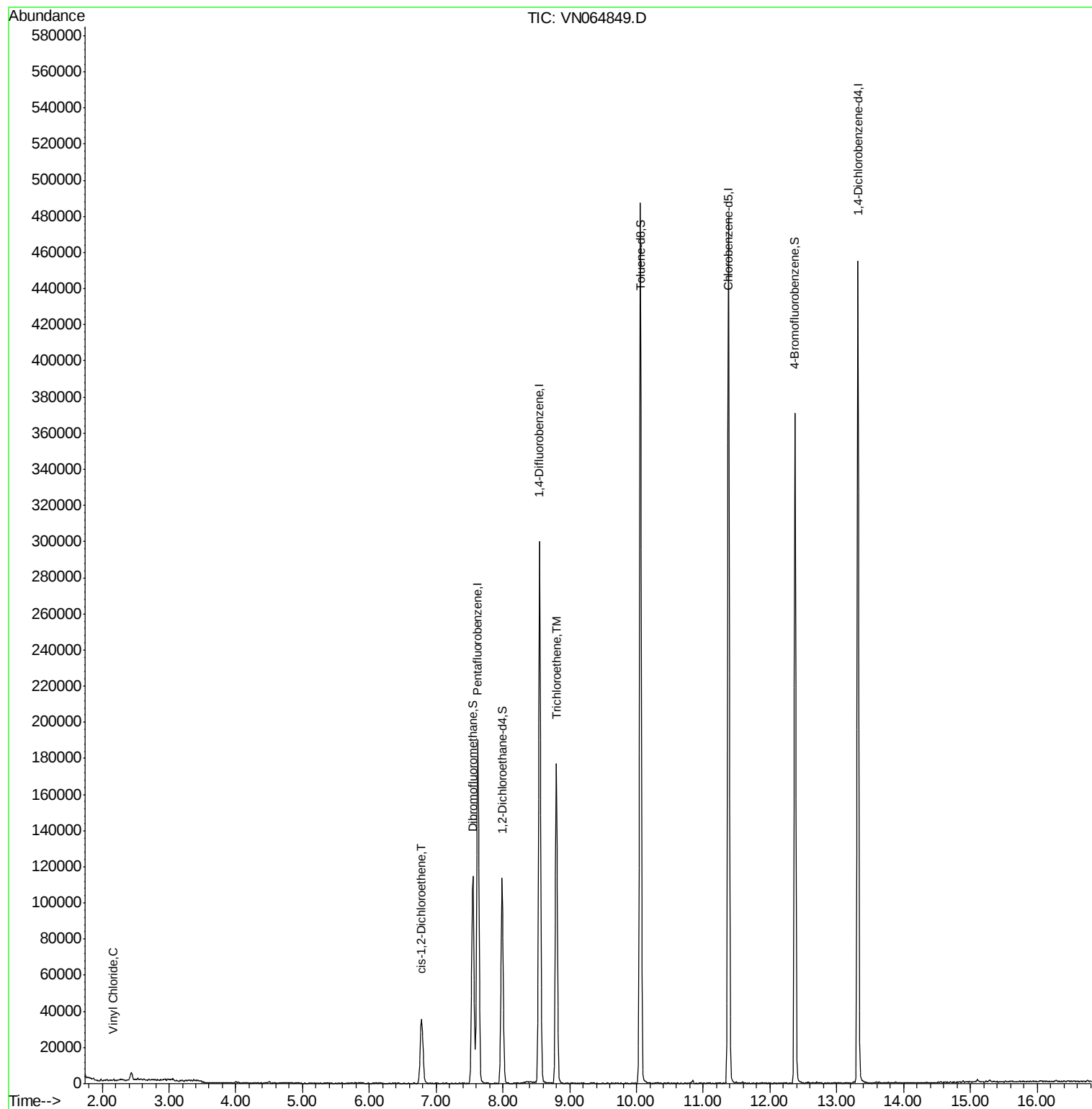
					Qvalue
4) Vinyl Chloride	2.17	62	652	0.350 ug/l	# 69
27) cis-1,2-Dichloroethene	6.78	96	22899	11.911 ug/l	90
44) Trichloroethene	8.80	130	67635	28.572 ug/l	95

(#) = 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: VN064849.D

Acq: 25 Nov 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

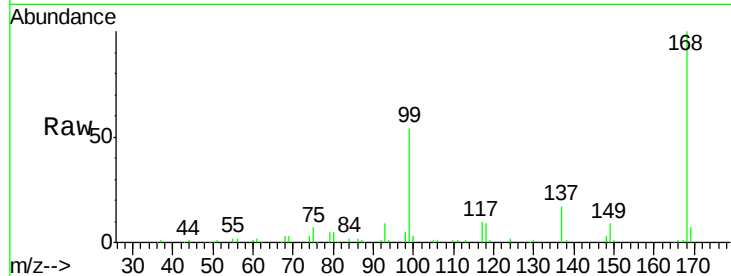
45BR-20201118DL

Tot Ion:168 Resp: 158661

Ion Ratio Lower Upper

168 100

99 53.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

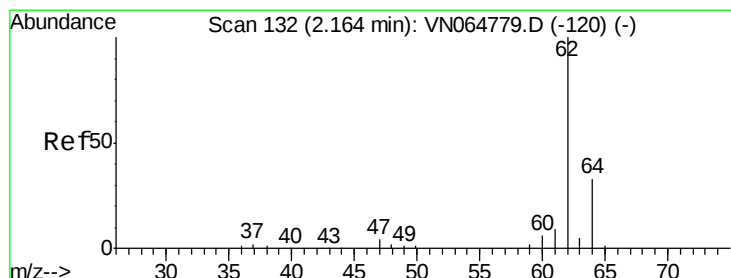
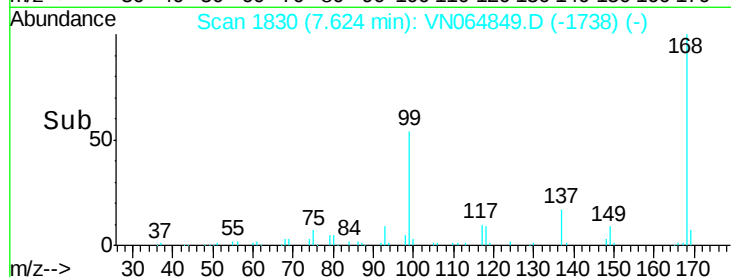
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 0.350 ug/l

RT: 2.17 min Scan# 134

Delta R.T. 0.01 min

Lab File: VN064849.D

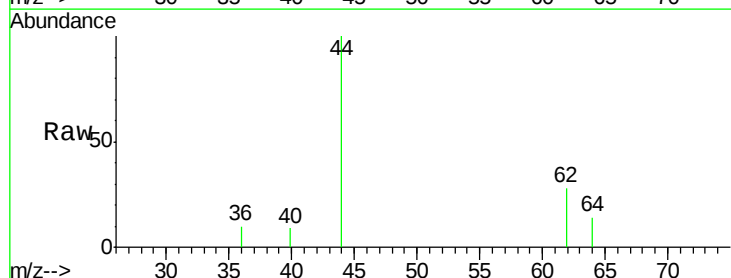
Acq: 25 Nov 2020 11:52

Tgt Ion: 62 Resp: 652

Ion Ratio Lower Upper

62 100

64 50.6 26.5 39.7#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

500

400

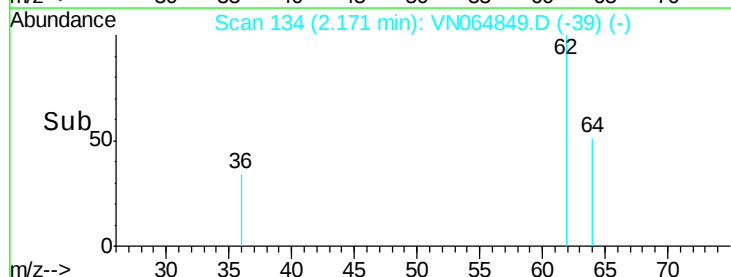
300

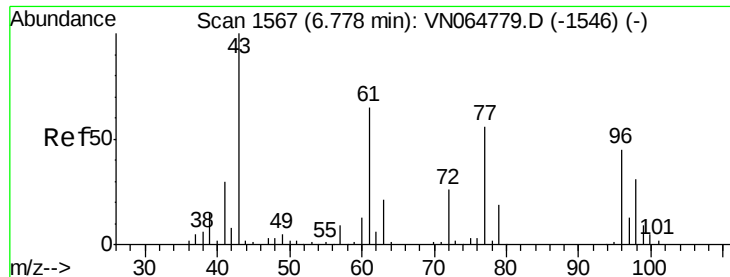
200

100

0

Time--> 2.14 2.16 2.18 2.20

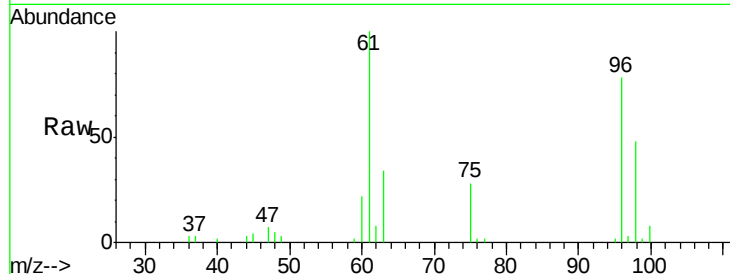




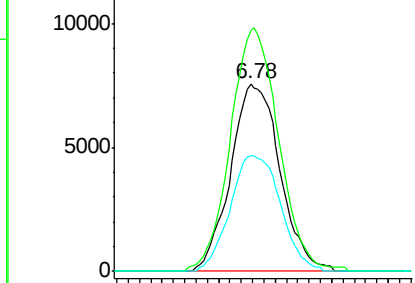
#27
 cis-1,2-Dichloroethene
 Concen: 11.911 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064849.D
 Acq: 25 Nov 2020 11:52

Instrument :
 MSVOA_N
 ClientSampled :
 45BR-20201118DL

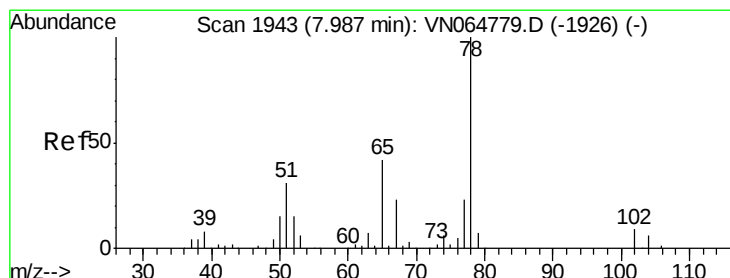
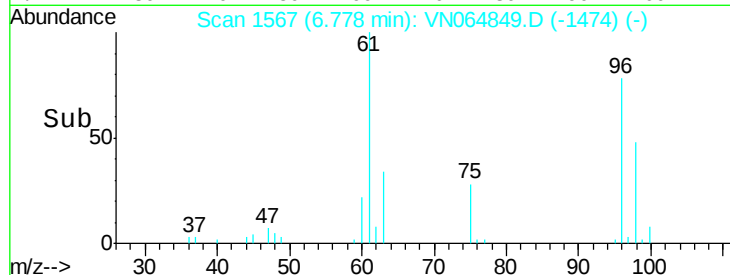
Tot Ion: 96 Resp: 22899
 Ion Ratio Lower Upper
 96 100
 61 127.3 0.0 285.8
 98 63.2 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

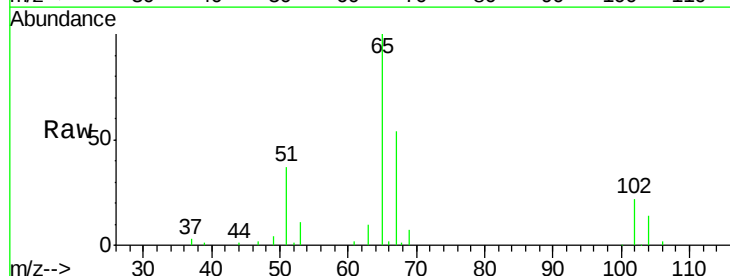


Time-->

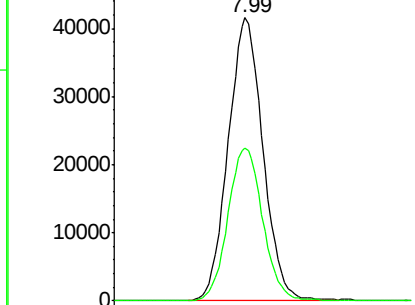


#33
 1,2-Dichloroethane-d4
 Concen: 52.870 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064849.D
 Acq: 25 Nov 2020 11:52

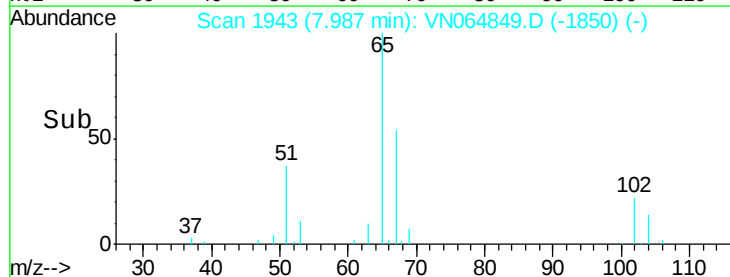
Tgt Ion: 65 Resp: 97520
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.2

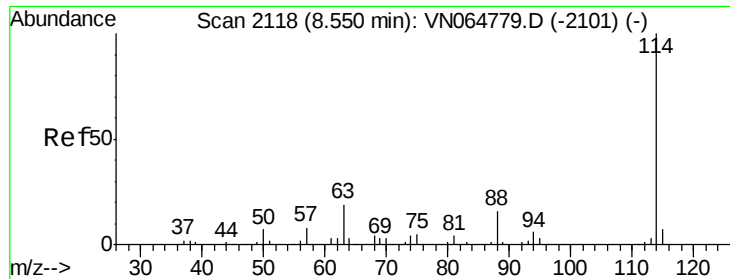


Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064849.D

Acq: 25 Nov 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

45BR-20201118DL

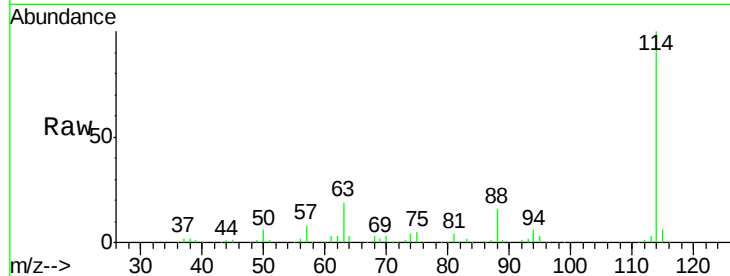
Tot Ion:114 Resp: 282466

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

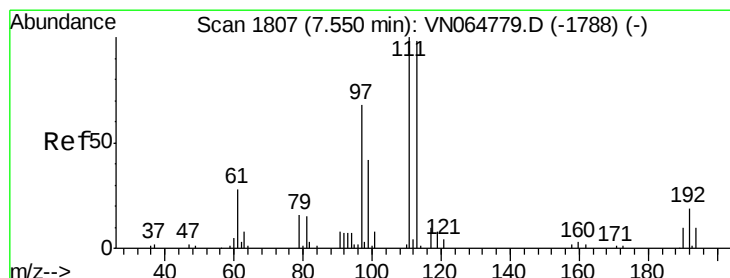
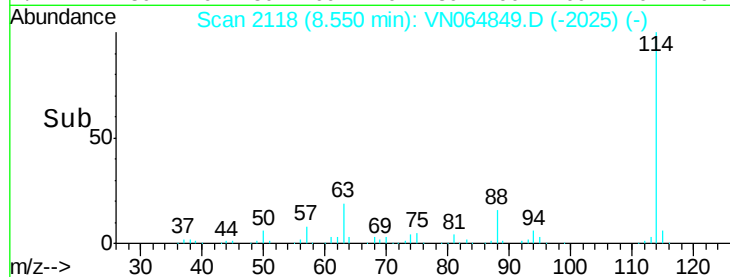
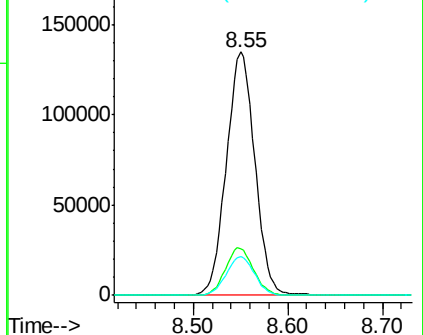
88 15.7 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 53.936 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064849.D

Acq: 25 Nov 2020 11:52

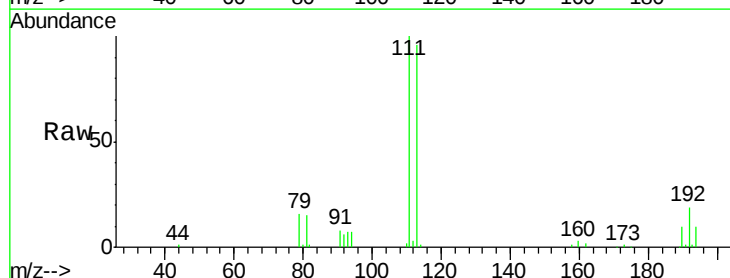
Tgt Ion:113 Resp: 91162

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

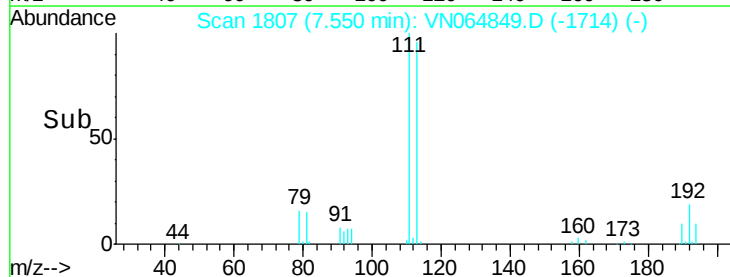
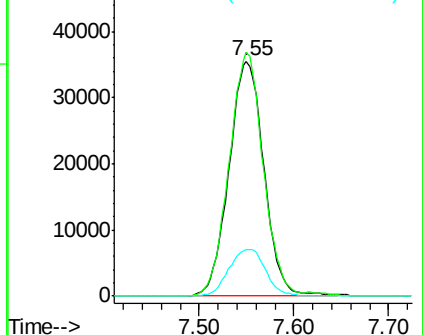
192 20.8 16.2 24.2

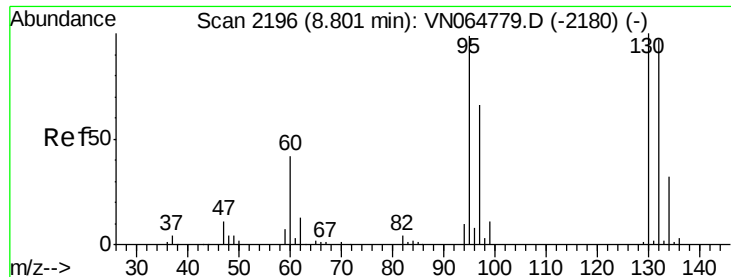


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 28.572 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064849.D

Acq: 25 Nov 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

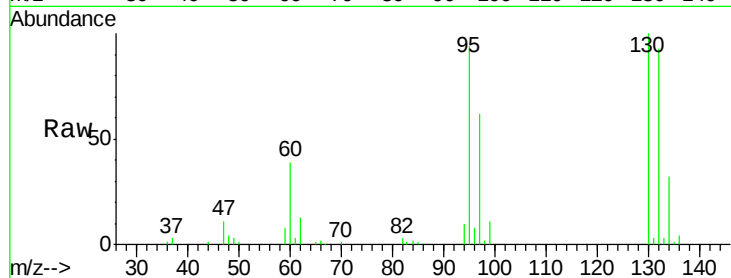
45BR-20201118DL

Tot Ion:130 Resp: 67635

Ion Ratio Lower Upper

130 100

95 93.6 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

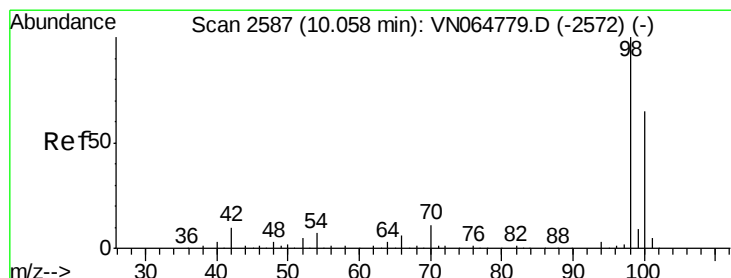
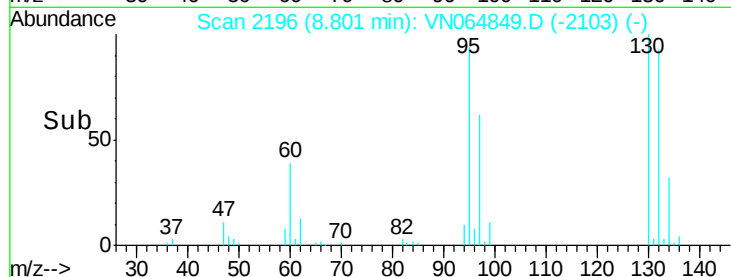
30000

20000

10000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 51.033 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064849.D

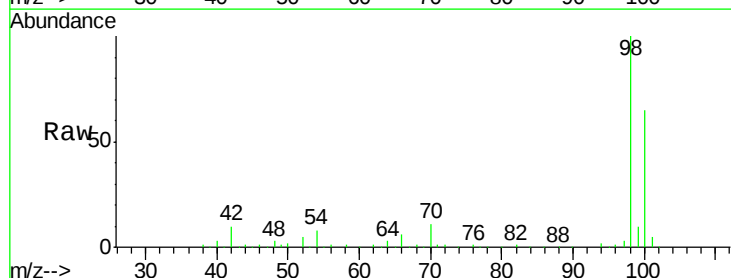
Acq: 25 Nov 2020 11:52

Tgt Ion: 98 Resp: 352433

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

200000

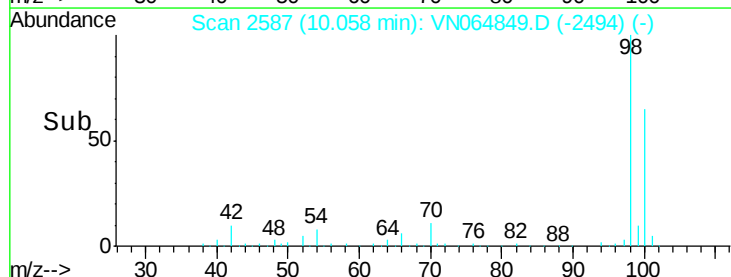
150000

100000

50000

0

Time--> 10.00 10.10

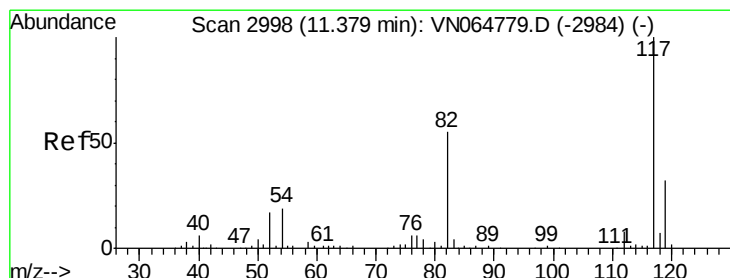
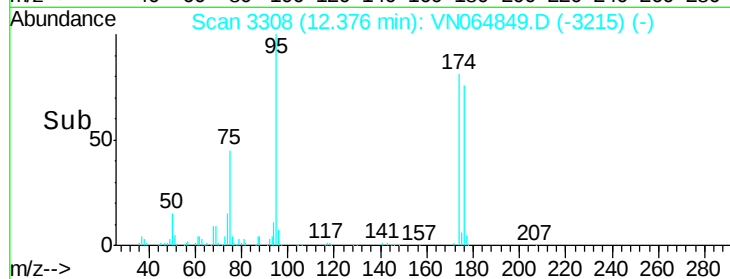
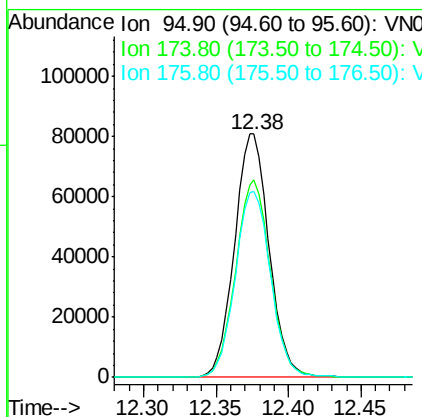
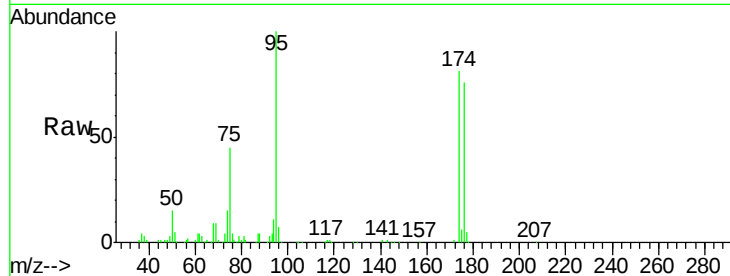




#62
4-Bromofluorobenzene
Concen: 54.290 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064849.D
Acq: 25 Nov 2020 11:52

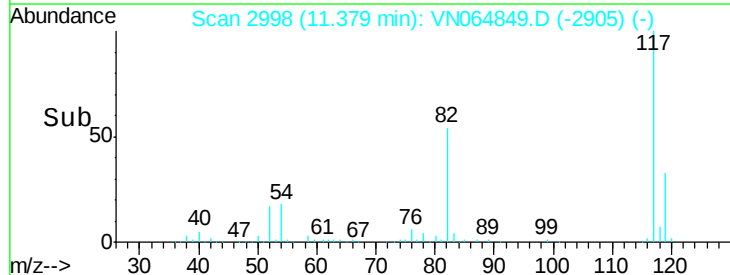
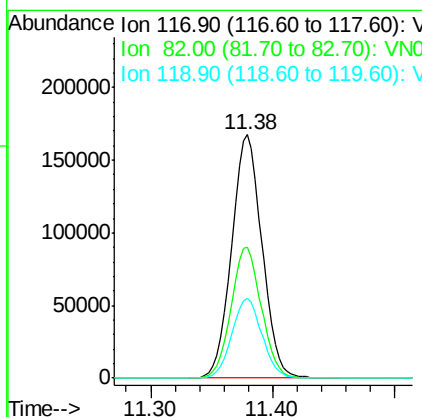
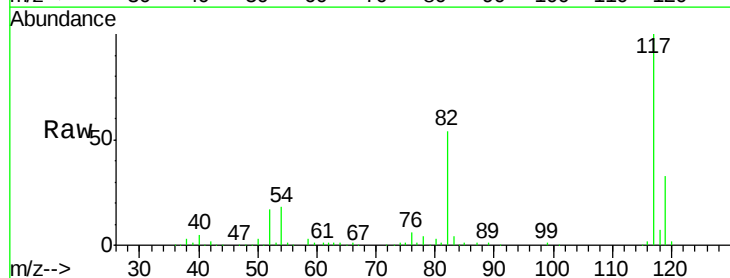
Instrument :
MSVOA_N
ClientSampleId :
45BR-20201118DL

Tot Ion: 95 Resp: 134178
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.4
176 78.6 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: VN064849.D
Acq: 25 Nov 2020 11:52

Tgt Ion: 117 Resp: 289687
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.8 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: VN064849.D

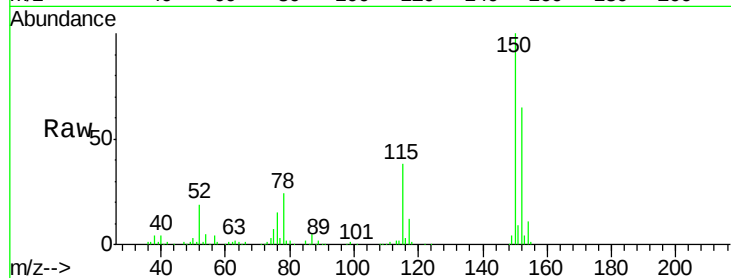
Acq: 25 Nov 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

45BR-20201118DL



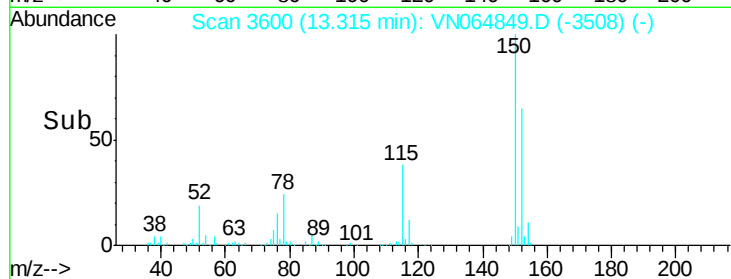
Tot Ion:152 Resp: 128619

Ion Ratio Lower Upper

152 100

115 57.6 29.7 89.1

150 155.2 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

