

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064864.D
 Acq On : 30 Nov 2020 11:30
 Operator : JC/MD
 Sample : VN1130WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBL01

Quant Time: Dec 01 01:18:24 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	7.63	168	166561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	292020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	304956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	103974	53.69	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.38%
35) Dibromofluoromethane	7.55	113	91581	52.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.82%
50) Toluene-d8	10.06	98	368174	51.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.14%
62) 4-Bromofluorobenzene	12.38	95	141934	55.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.10%

Target Compounds

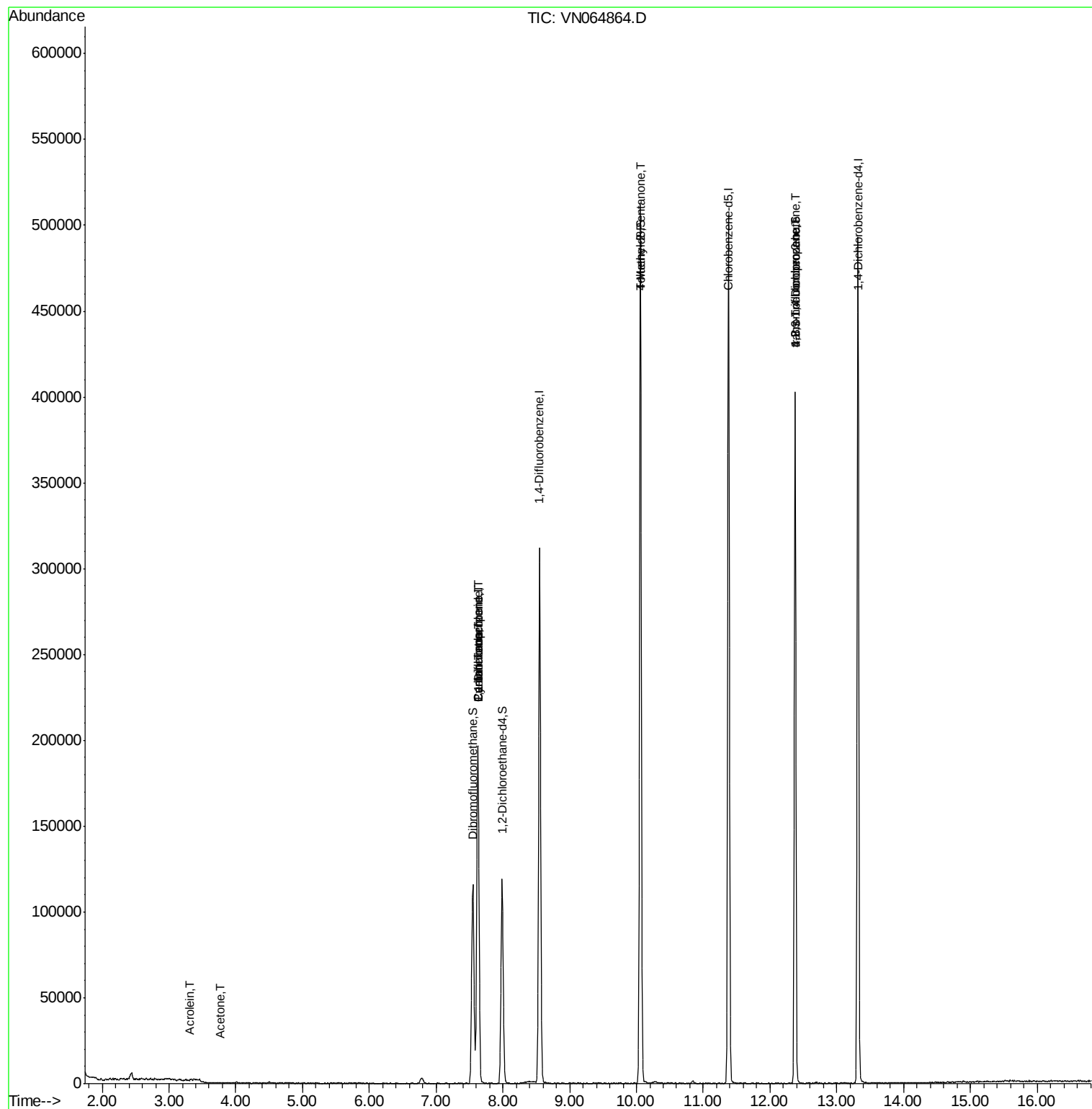
					Qvalue	
13) Acrolein	3.31	56	89	0.482	ug/l #	14
16) Acetone	3.78	43	154	0.242	ug/l #	43
31) Cyclohexane	7.62	56	2859	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11236	4.151	ug/l #	46
38) Carbon Tetrachloride	7.63	117	15486	5.499	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1299	0.516	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	68329	23.091	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	68329	63.286	ug/l #	15

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

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Quant Time: Dec 01 01:18:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064864.D

Acq: 30 Nov 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

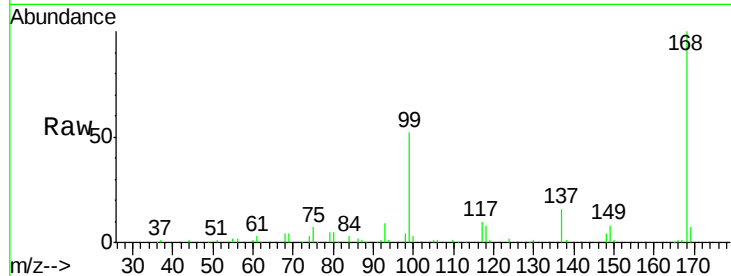
VN1130WBL01

Tot Ion:168 Resp: 166561

Ion Ratio Lower Upper

168 100

99 52.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

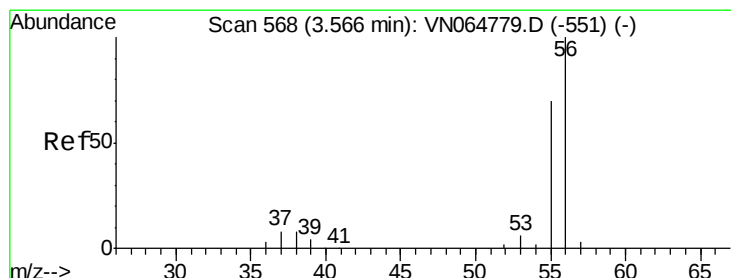
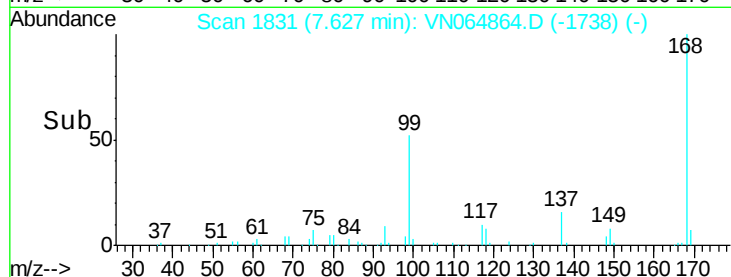
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#13

Acrolein

Concen: 0.482 ug/l

RT: 3.31 min Scan# 487

Delta R.T. -0.26 min

Lab File: VN064864.D

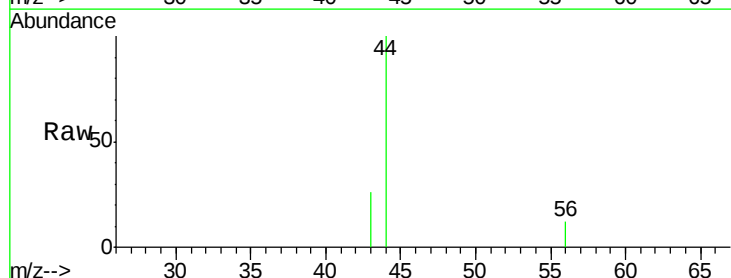
Acq: 30 Nov 2020 11:30

Tgt Ion: 56 Resp: 89

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.31

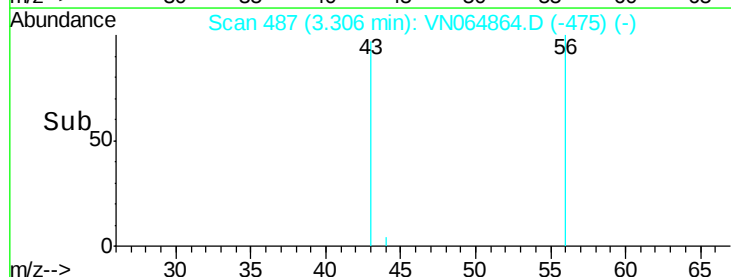
150

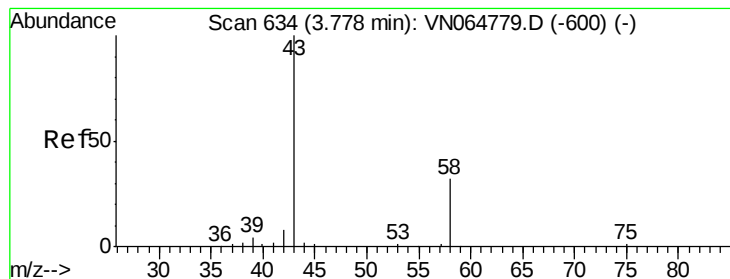
100

50

0

Time--> 3.29 3.30 3.31 3.32 3.33





#16

Acetone

Concen: 0.242 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064864.D

Acq: 30 Nov 2020 11:30

Instrument :

MSVOA_N

ClientSampled :

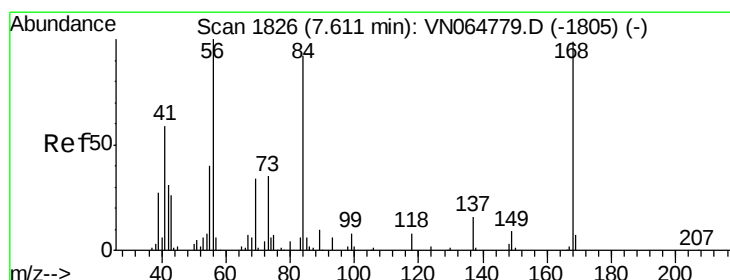
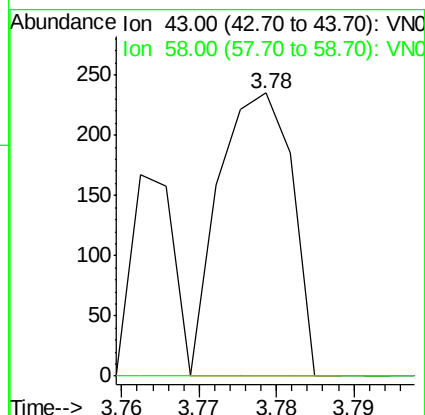
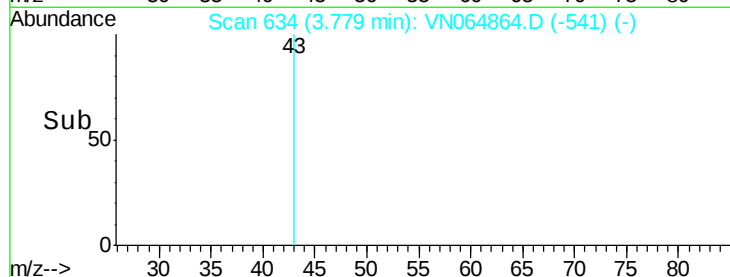
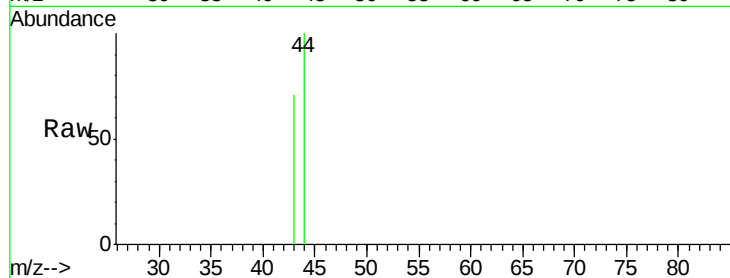
VN1130WBL01

Tot Ion: 43 Resp: 154

Ion Ratio Lower Upper

43 100

58 0.0 25.7 38.5#



#31

Cyclohexane

Concen: 1.059 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064864.D

Acq: 30 Nov 2020 11:30

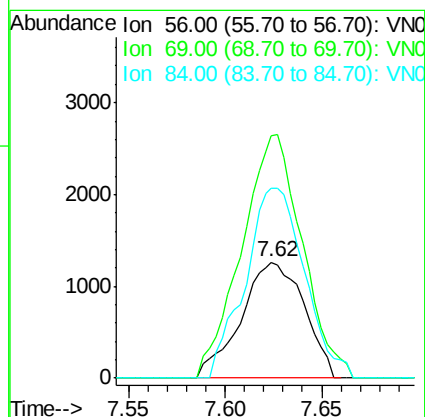
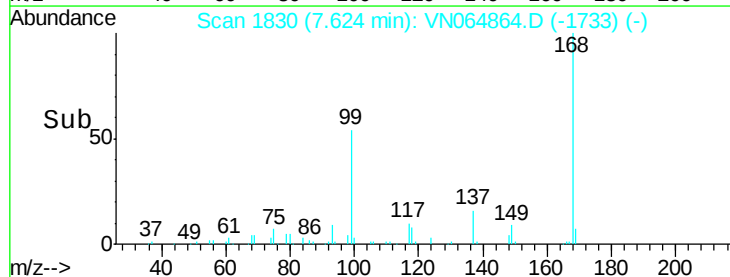
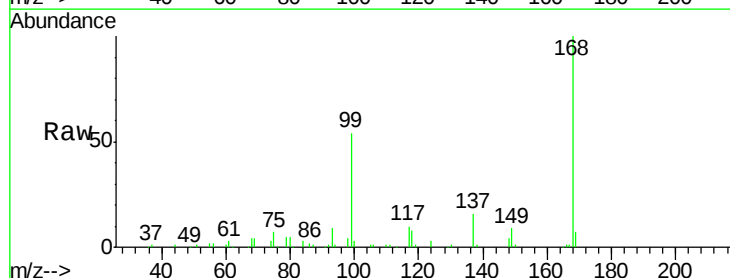
Tgt Ion: 56 Resp: 2859

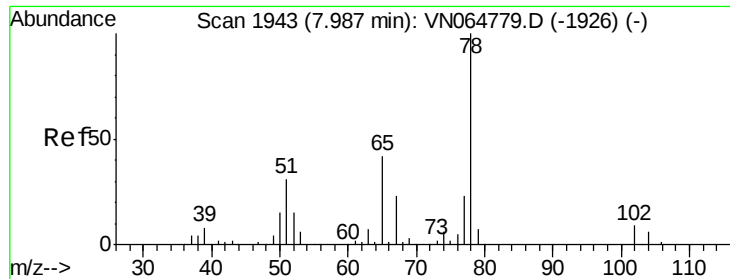
Ion Ratio Lower Upper

56 100

69 208.7 27.5 41.3#

84 163.9 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 53.695 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064864.D

Acq: 30 Nov 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

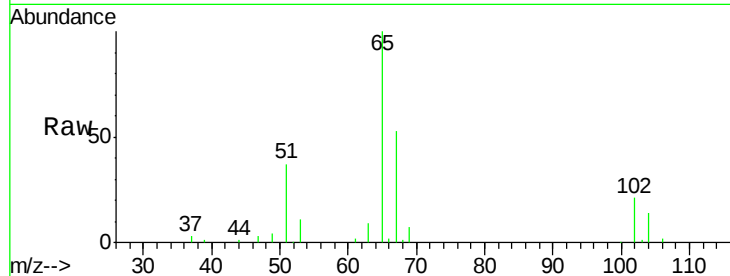
VN1130WBL01

Tot Ion: 65 Resp: 103974

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064864.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064864.D (-1850) (-)

7.99

40000

30000

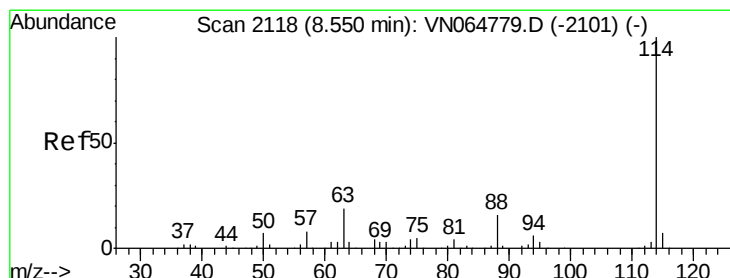
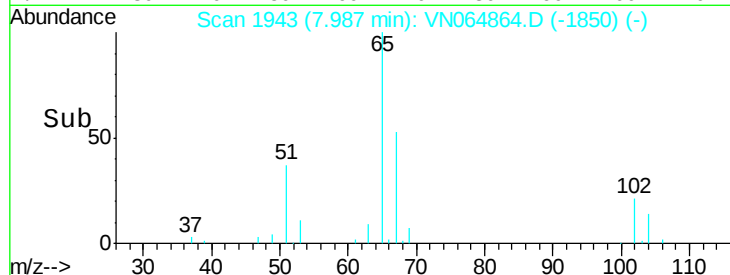
20000

10000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064864.D

Acq: 30 Nov 2020 11:30

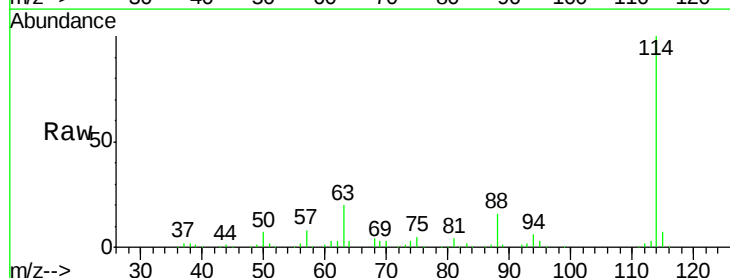
Tgt Ion: 114 Resp: 292020

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 15.7 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064864.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064864.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064864.D (-2025) (-)

8.55

150000

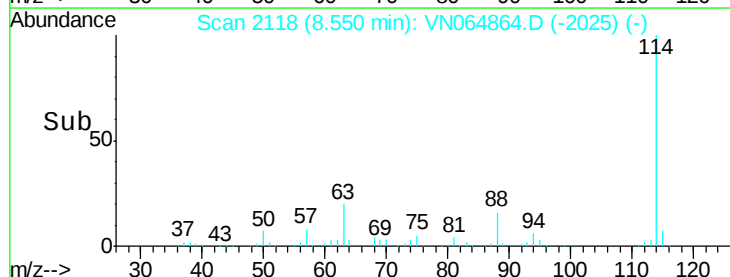
100000

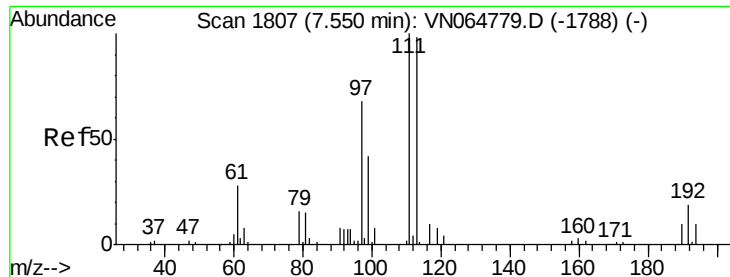
50000

0

8.50 8.55 8.60

Time-->

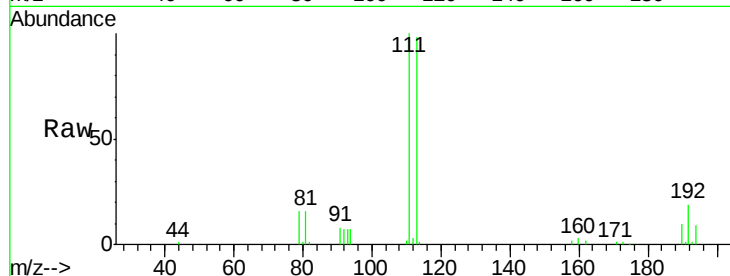




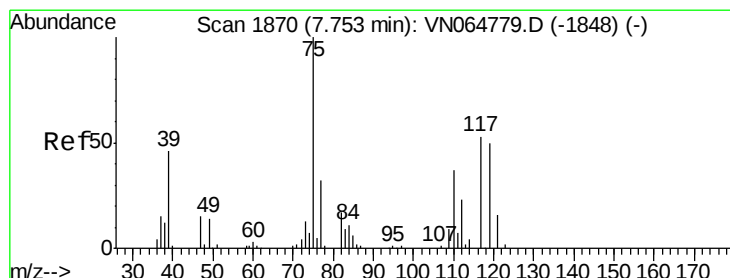
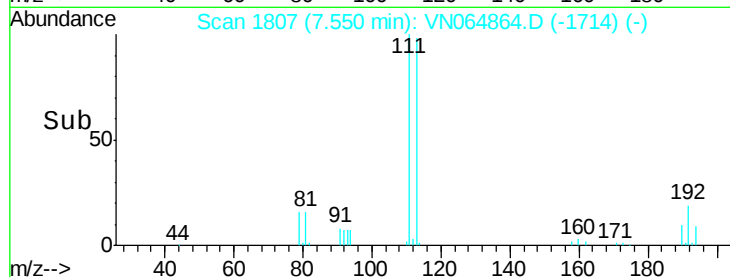
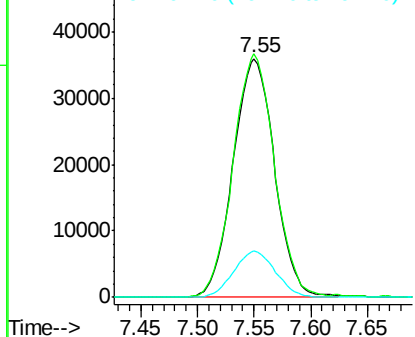
#35
 Dibromofluoromethane
 Concen: 52.411 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064864.D
 Acq: 30 Nov 2020 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBL01

Tot Ion:113 Resp: 91581
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.6 122.4
 192 19.5 16.2 24.2

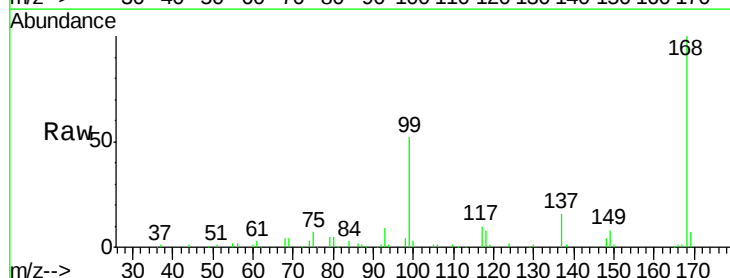


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

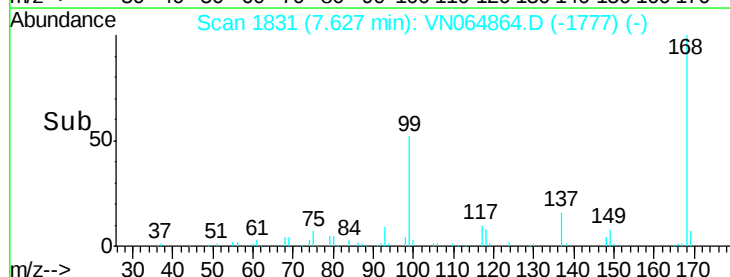
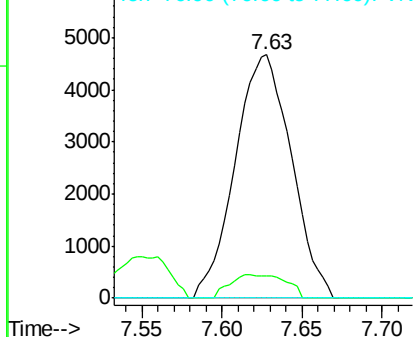


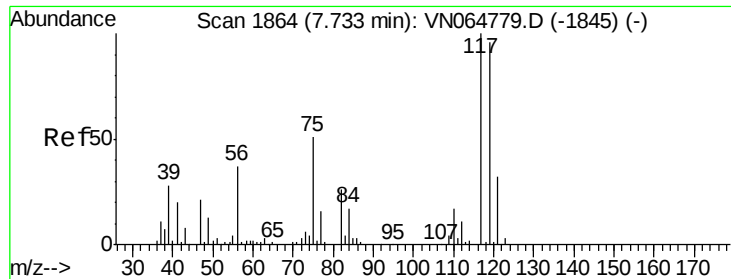
#36
 1,1-Dichloropropene
 Concen: 4.151 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064864.D
 Acq: 30 Nov 2020 11:30

Tgt Ion: 75 Resp: 11236
 Ion Ratio Lower Upper
 75 100
 110 5.4 17.8 53.3#
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

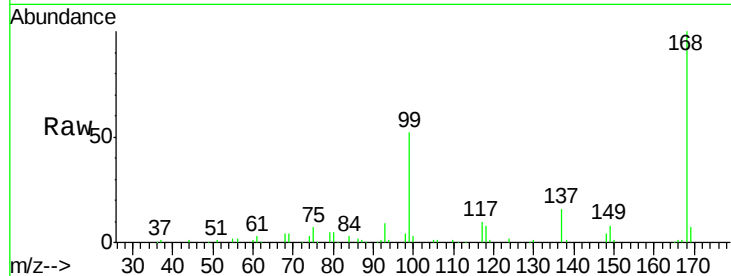




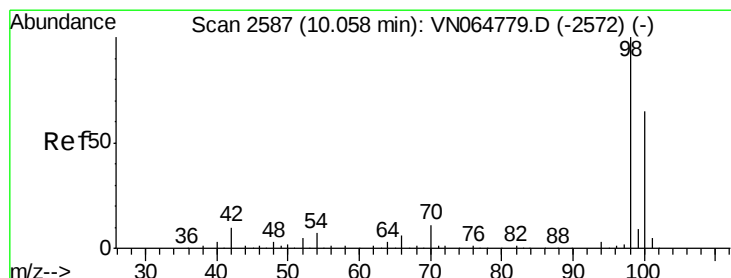
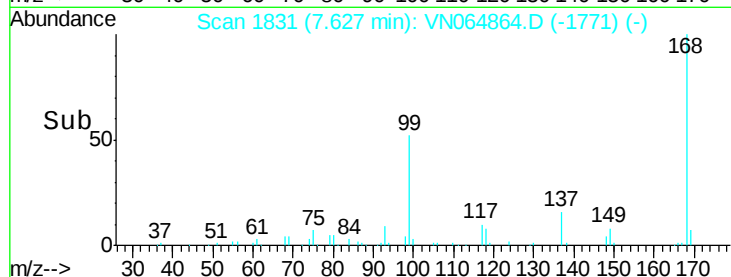
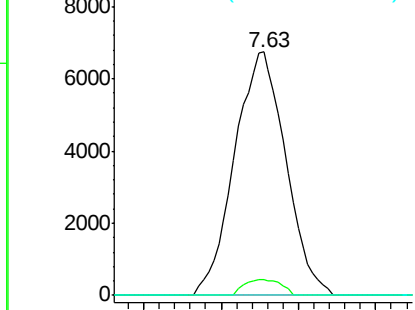
#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064864.D
Acq: 30 Nov 2020 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBL01

Tot Ion:117 Resp: 15486
Ion Ratio Lower Upper
117 100
119 6.4 76.7 115.1#
121 0.0 25.4 38.2#

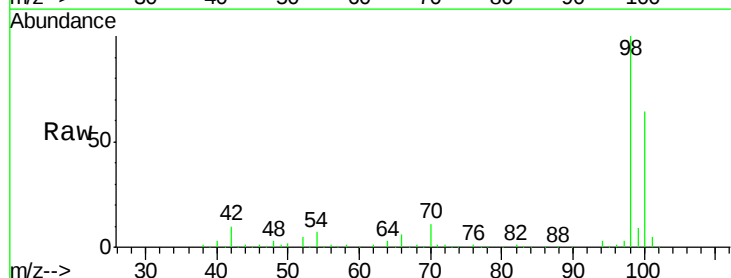


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

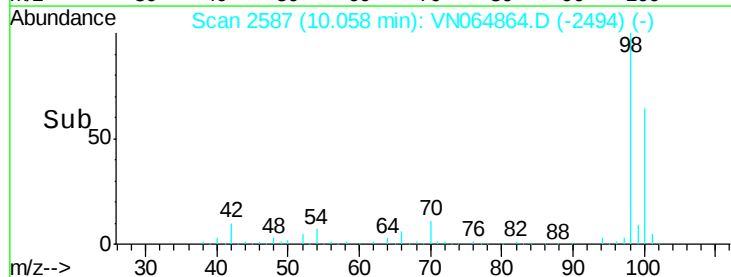
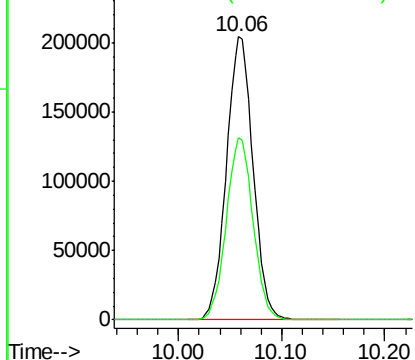


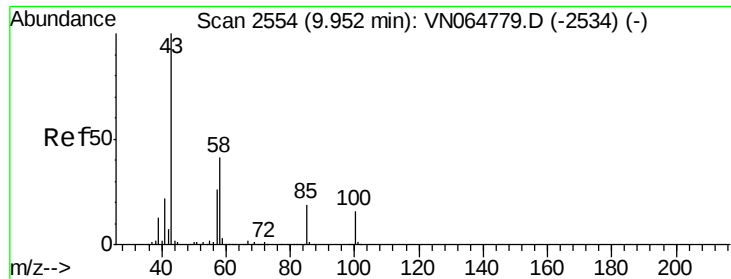
#50
Toluene-d8
Concen: 51.568 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064864.D
Acq: 30 Nov 2020 11:30

Tgt Ion: 98 Resp: 368174
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.516 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.11 min

Lab File: VN064864.D

Acq: 30 Nov 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

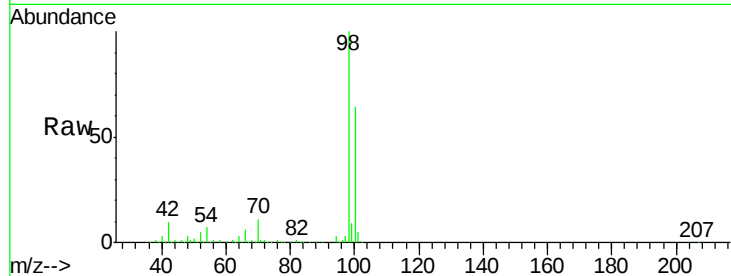
VN1130WBL01

Tot Ion: 43 Resp: 1299

Ion Ratio Lower Upper

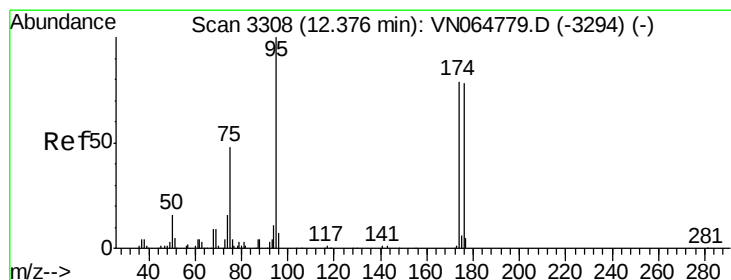
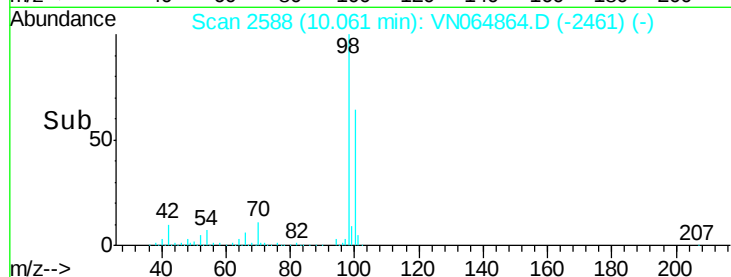
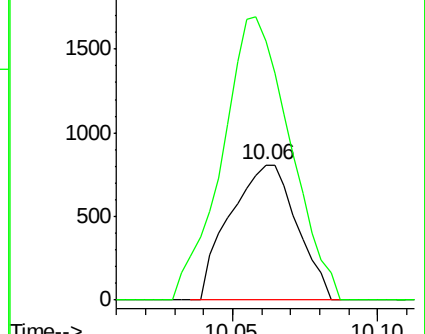
43 100

58 211.8 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)



#62

4-Bromofluorobenzene

Concen: 55.549 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064864.D

Acq: 30 Nov 2020 11:30

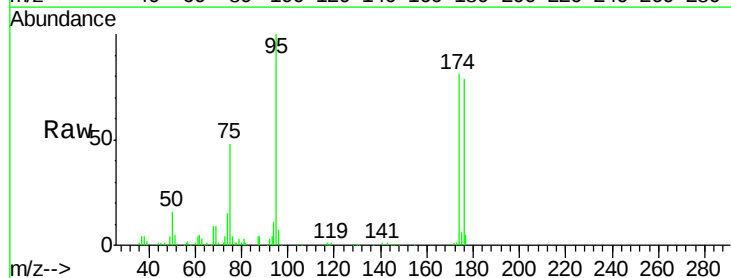
Tgt Ion: 95 Resp: 141934

Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.4

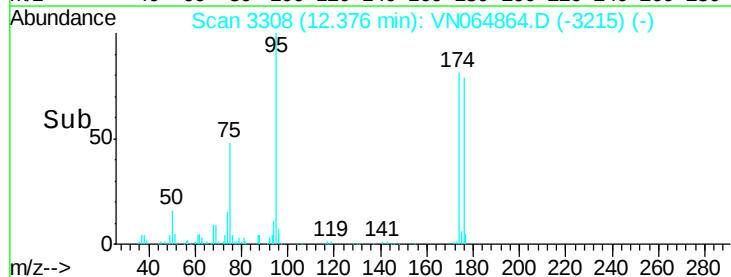
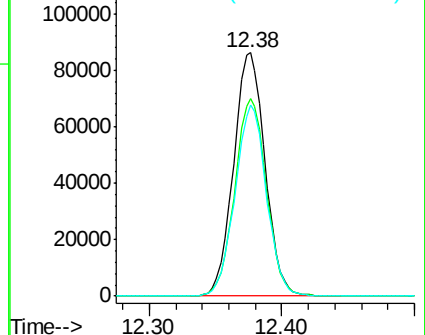
176 78.3 0.0 158.4

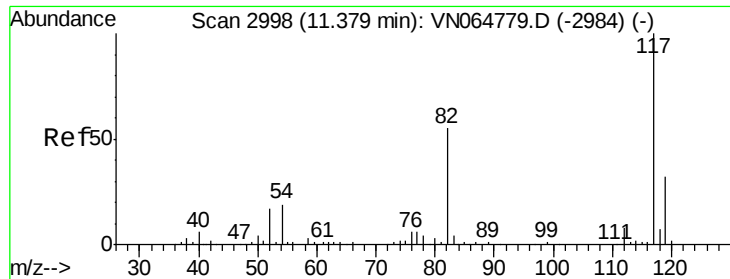


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064864.D

Acq: 30 Nov 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBL01

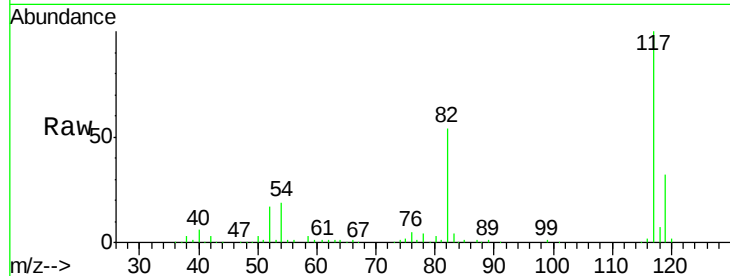
Tot Ion:117 Resp: 304956

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

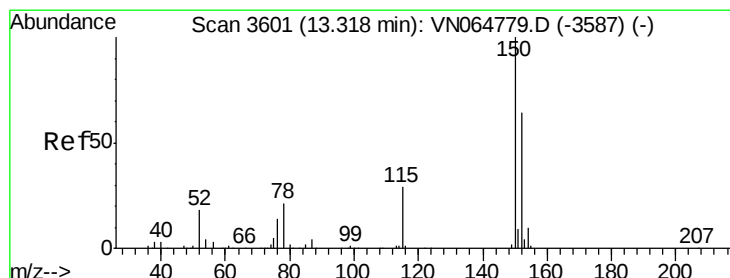
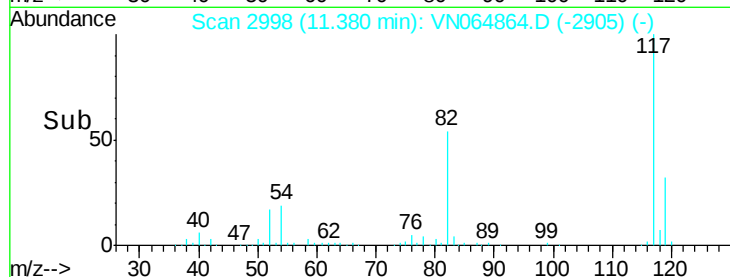
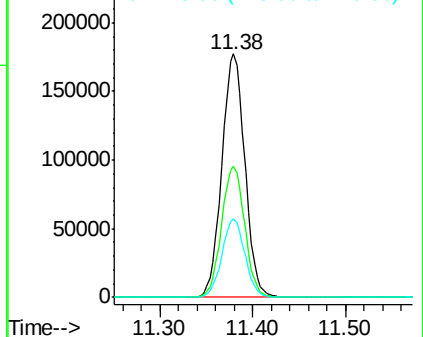
119 32.0 25.8 38.6



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: VN064864.D

Acq: 30 Nov 2020 11:30

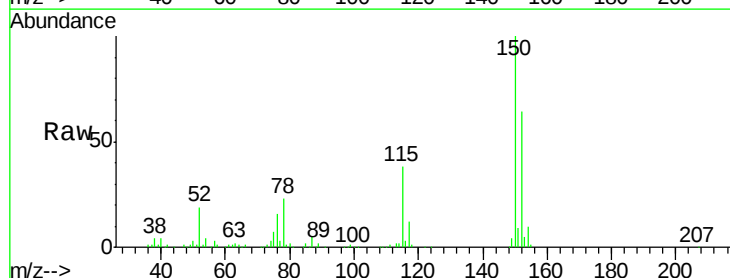
Tgt Ion:152 Resp: 137407

Ion Ratio Lower Upper

152 100

115 59.9 29.7 89.1

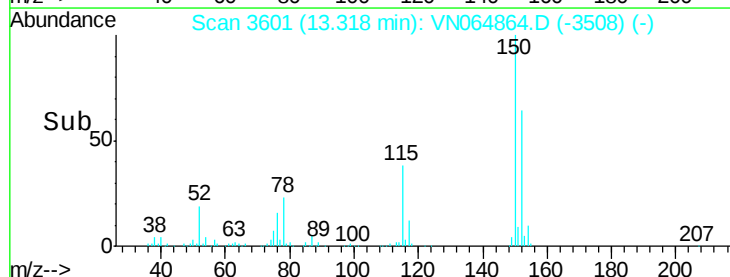
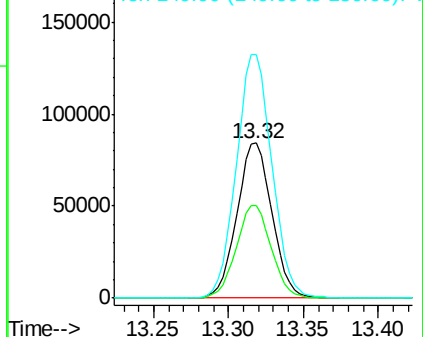
150 159.9 0.0 350.6

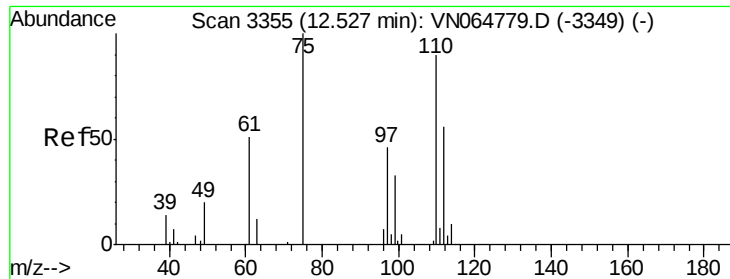


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

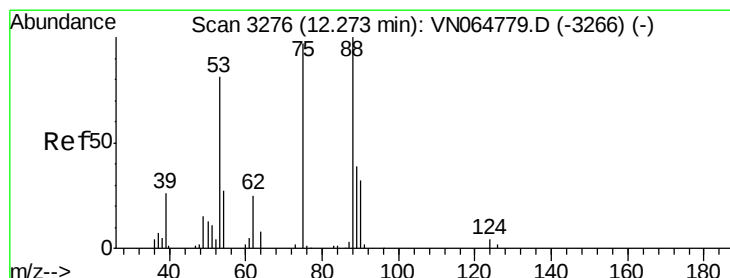
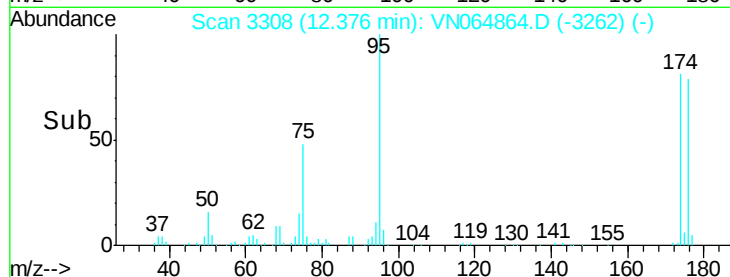
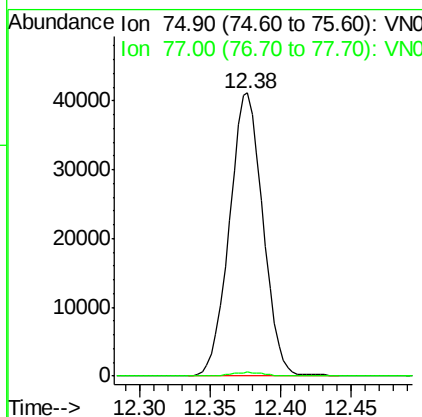
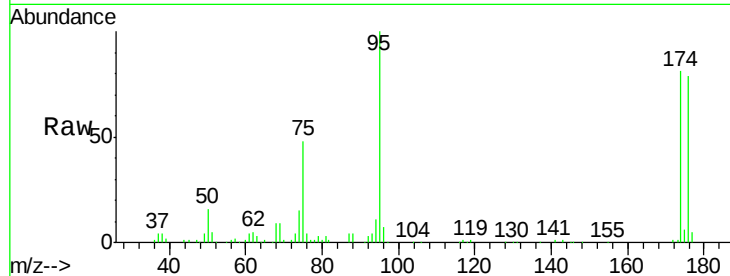




#76
 1,2,3-Trichloropropane
 Concen: 23.091 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN064864.D
 Acq: 30 Nov 2020 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBL01

Tot Ion: 75 Resp: 68329
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.286 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064864.D
 Acq: 30 Nov 2020 11:30

Tgt Ion: 75 Resp: 68329
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.0 100.4#
 89 0.0 39.6 59.4#

