

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062130.D
 Acq On : 26 Jun 2020 11:18
 Operator : JC/MD
 Sample : VN0626WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBL01

Quant Time: Jun 27 03:39:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	233877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151762	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	154714	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
35) Dibromofluoromethane	7.55	113	134963	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
50) Toluene-d8	10.06	98	526871	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.37	95	172150	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	

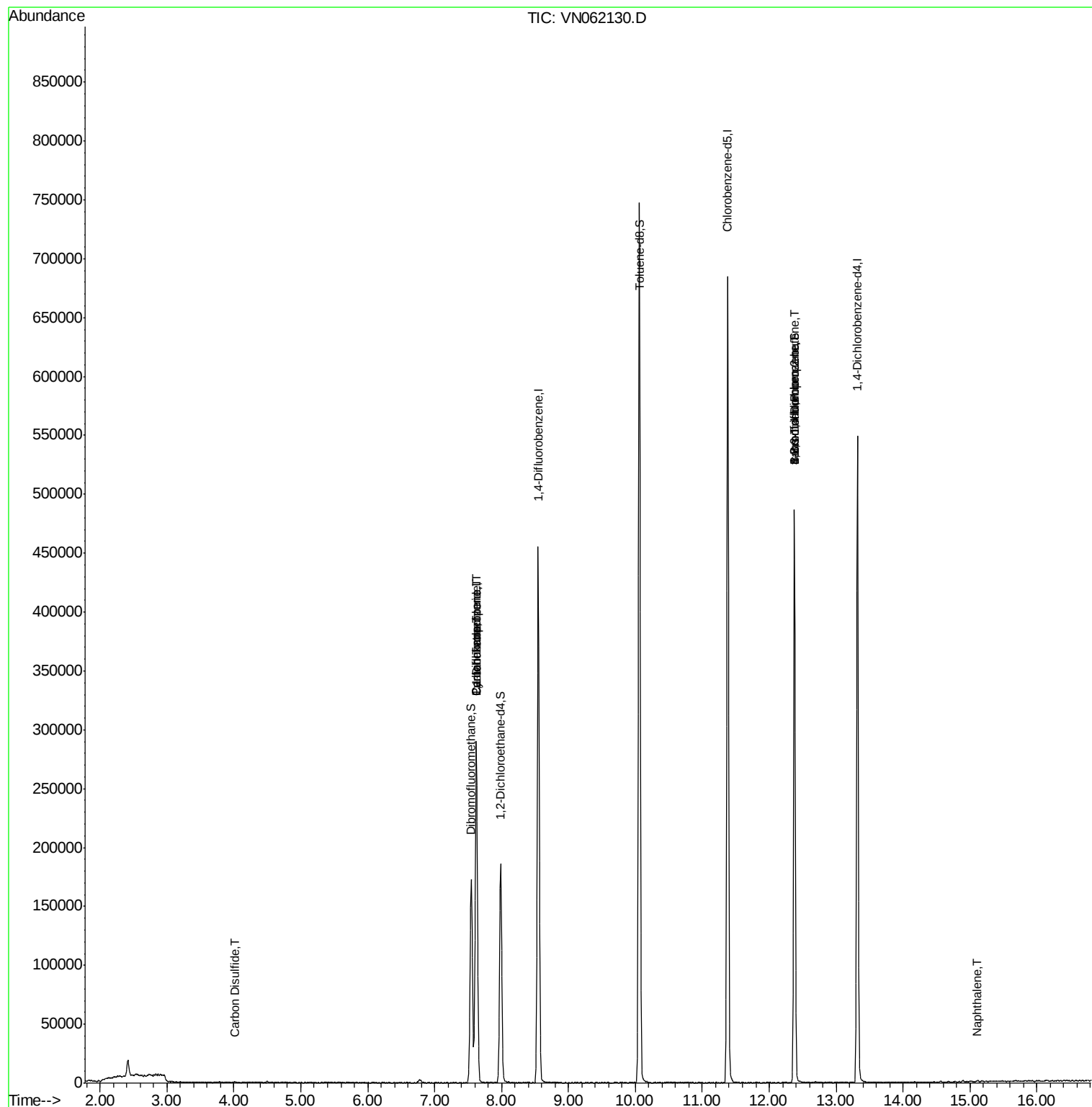
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	502	Below Cal	#	41
16) Acetone	3.79	43	588	Below Cal	#	40
17) Carbon Disulfide	4.01	76	1341	0.225	ug/l #	75
20) Methylene Chloride	4.51	84	489	Below Cal	#	51
31) Cyclohexane	7.63	56	4931	1.087	ug/l #	12
36) 1,1-Dichloropropene	7.63	75	18146	4.203	ug/l #	48
38) Carbon Tetrachloride	7.62	117	23348	5.736	ug/l #	15
71) Bromoform	12.37	173	1622	0.741	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	88200	24.688	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	88200	72.098	ug/l #	13
95) Naphthalene	15.11	128	1417	4.175	ug/l #	69

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

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Quant Time: Jun 27 03:39:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062130.D

Acq: 26 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

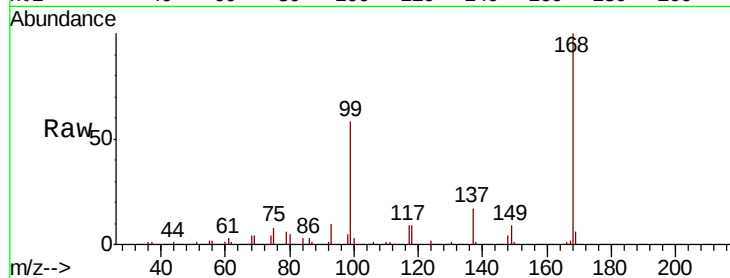
VN0626WBL01

Tot Ion:168 Resp: 233877

Ion Ratio Lower Upper

168 100

99 57.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

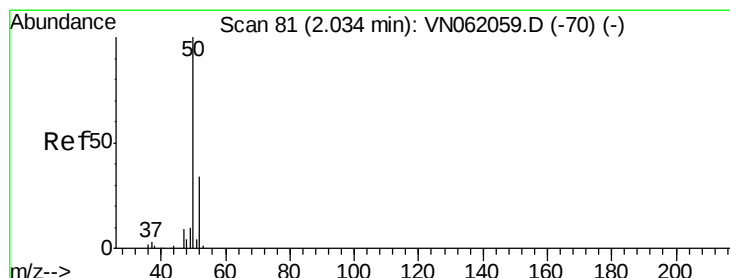
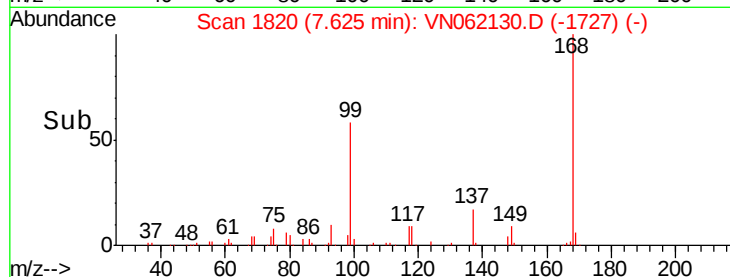
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062130.D

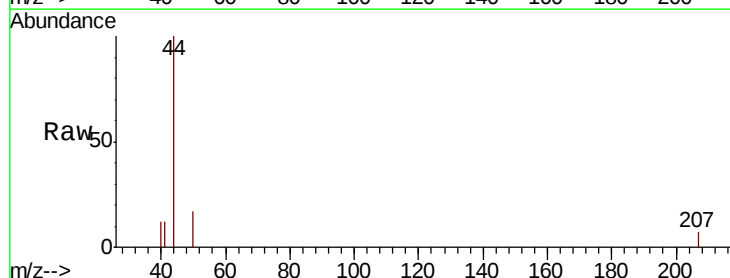
Acq: 26 Jun 2020 11:18

Tgt Ion: 50 Resp: 502

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

400

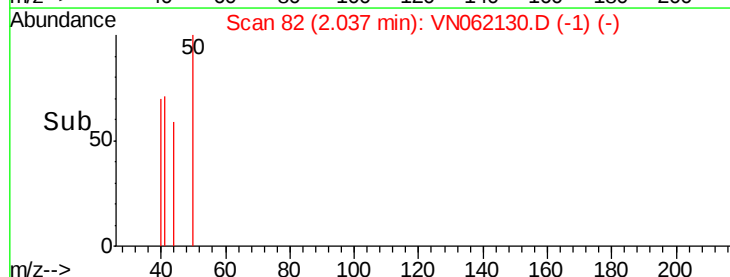
300

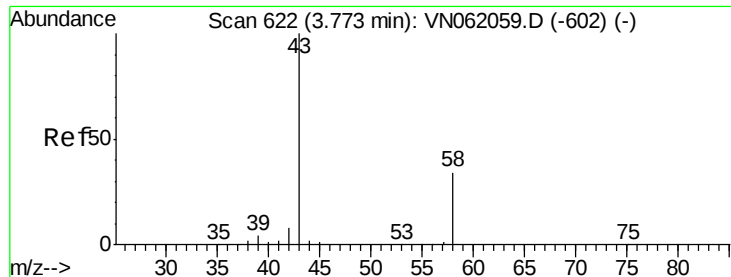
200

100

0

Time--> 2.00 2.02 2.04 2.06

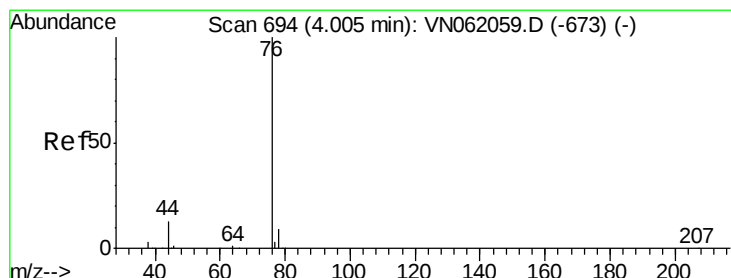
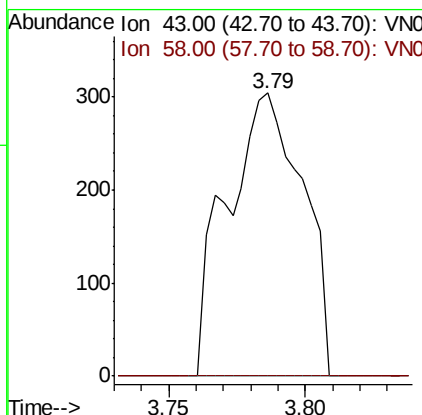
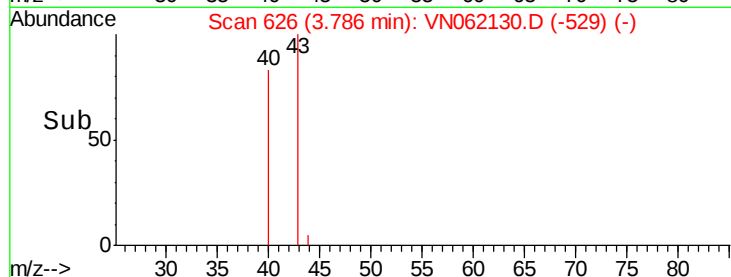
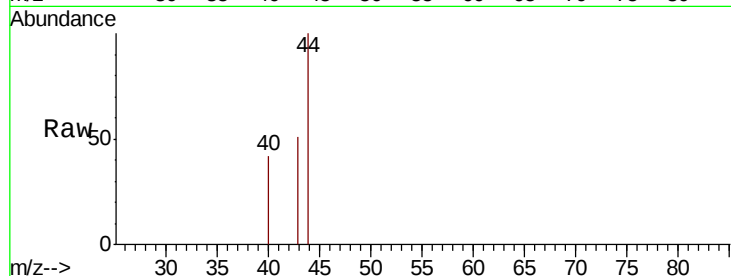




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN062130.D
Acq: 26 Jun 2020 11:18

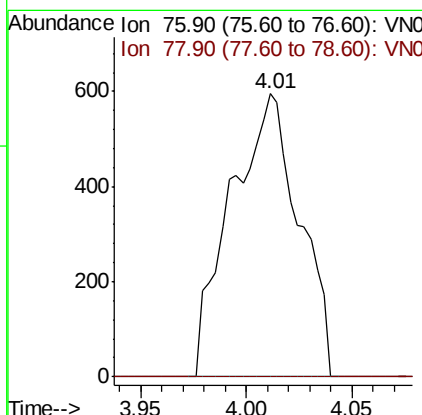
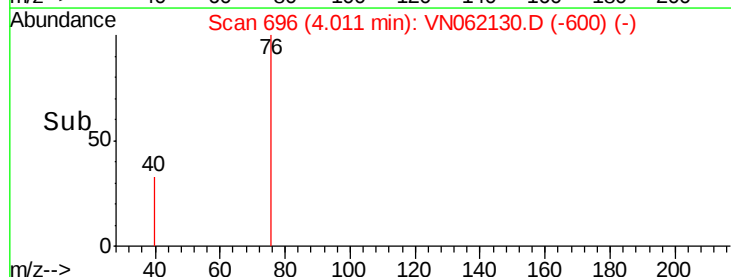
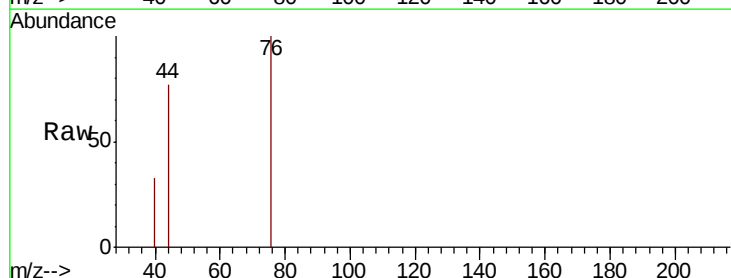
Instrument :
MSVOA_N
ClientSampled :
VN0626WBL01

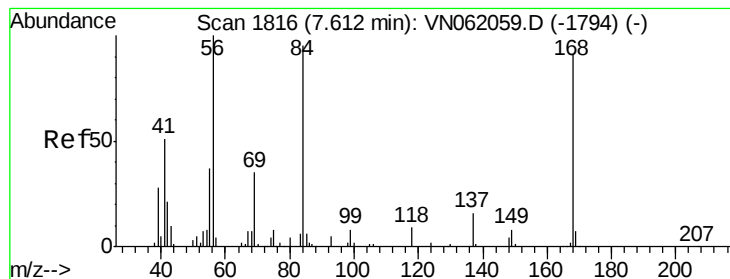
Tot Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN062130.D
Acq: 26 Jun 2020 11:18

Tgt Ion: 76 Resp: 1341
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#31

Cyclohexane

Concen: 1.087 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062130.D

Acq: 26 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

VN0626WBL01

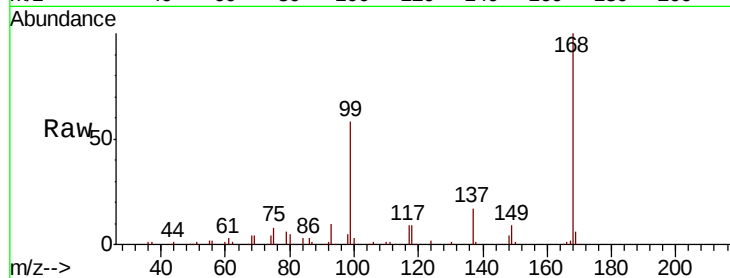
Tot Ion: 56 Resp: 4931

Ion Ratio Lower Upper

56 100

69 165.5 28.0 42.0#

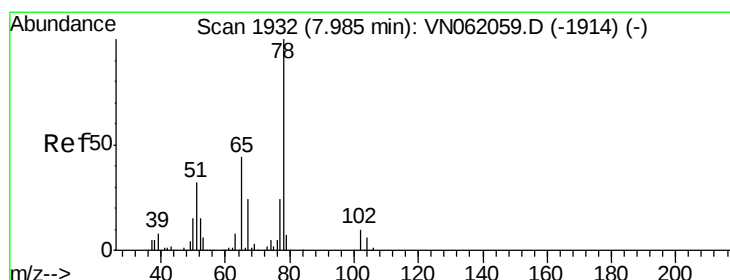
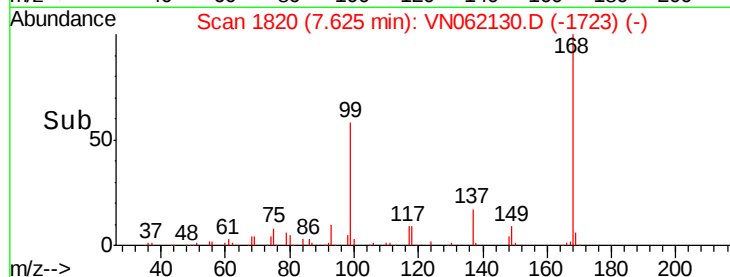
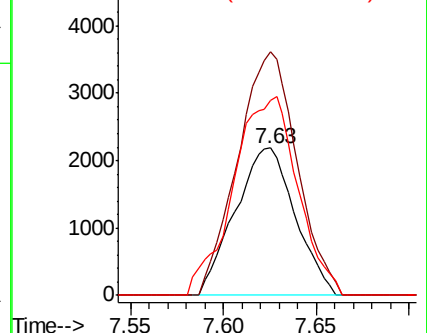
84 132.2 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.139 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062130.D

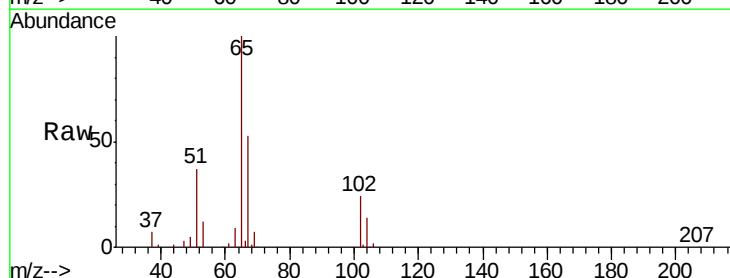
Acq: 26 Jun 2020 11:18

Tgt Ion: 65 Resp: 154714

Ion Ratio Lower Upper

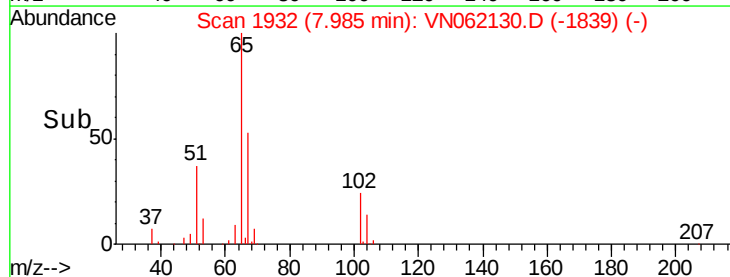
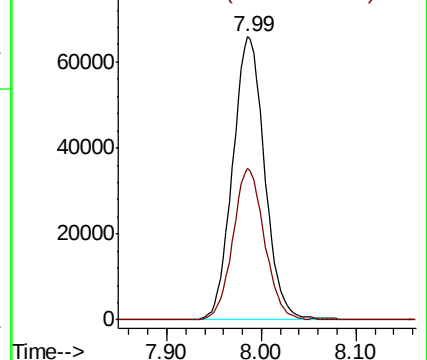
65 100

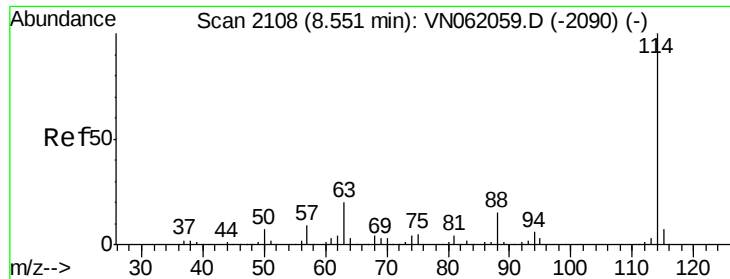
67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

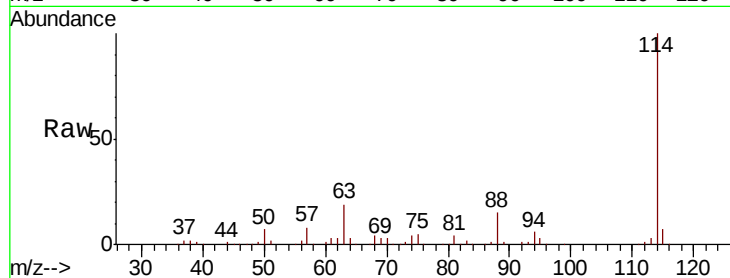




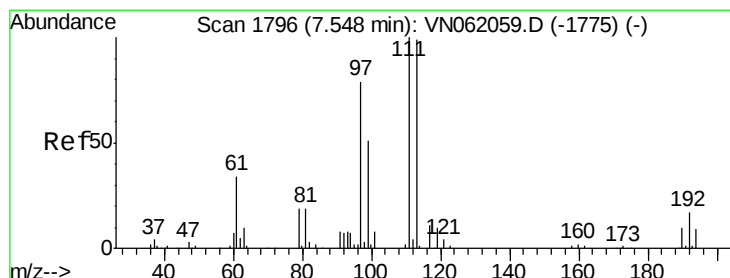
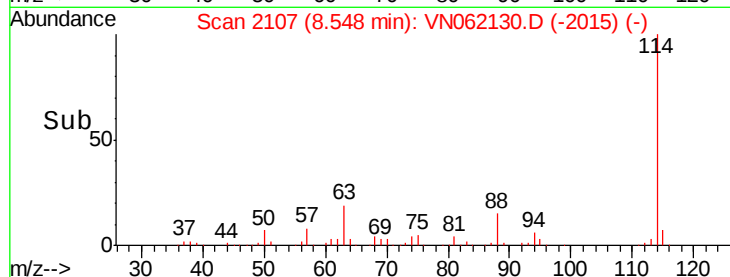
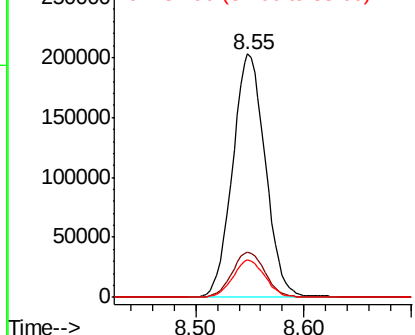
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062130.D
Acq: 26 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBL01

Tot Ion:114 Resp: 429501
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.2
88 15.3 0.0 30.8

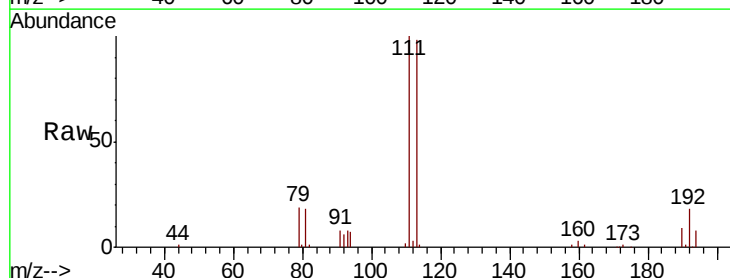


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

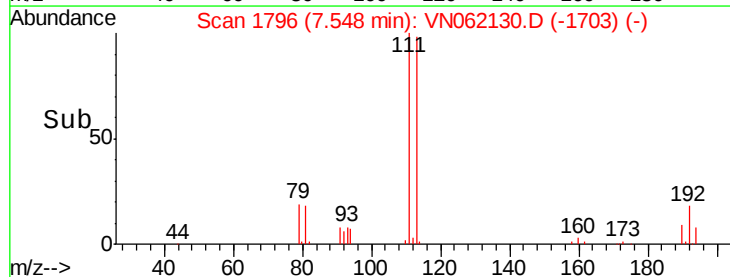
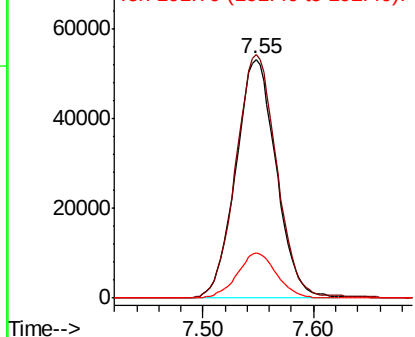


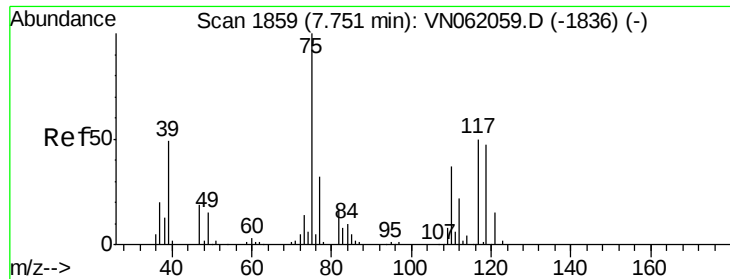
#35
Dibromofluoromethane
Concen: 48.980 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062130.D
Acq: 26 Jun 2020 11:18

Tgt Ion:113 Resp: 134963
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.4 14.0 21.0



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: 4.203 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062130.D

Acq: 26 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBL01

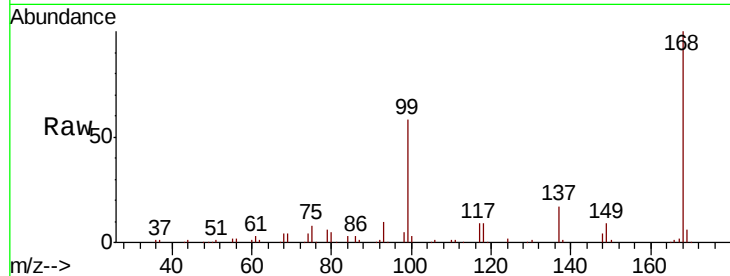
Tot Ion: 75 Resp: 18146

Ion Ratio Lower Upper

75 100

110 7.7 17.9 53.8#

77 0.0 24.9 37.3#



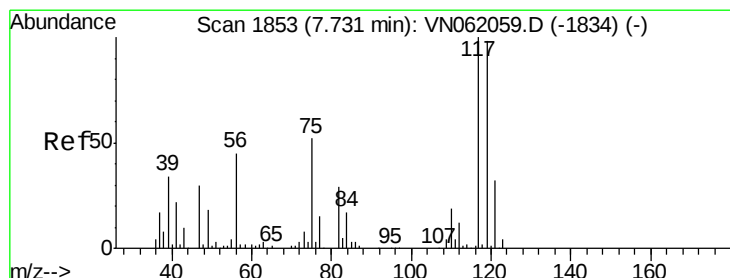
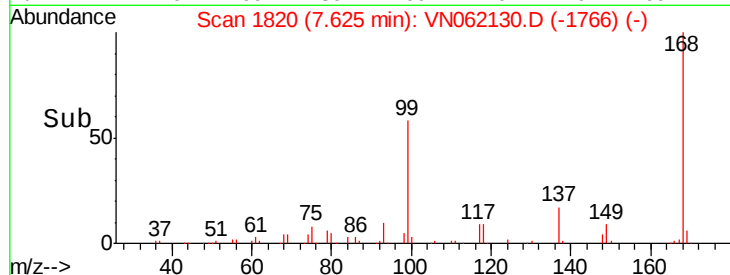
Abundance Ion 74.90 (74.60 to 75.60): VN062130.D (-1766) (-)

Ion 109.90 (109.60 to 110.60): VN062130.D (-1766) (-)

Ion 76.90 (76.60 to 77.60): VN062130.D (-1766) (-)

7.63

Time-->



#38

Carbon Tetrachloride

Concen: 5.736 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.11 min

Lab File: VN062130.D

Acq: 26 Jun 2020 11:18

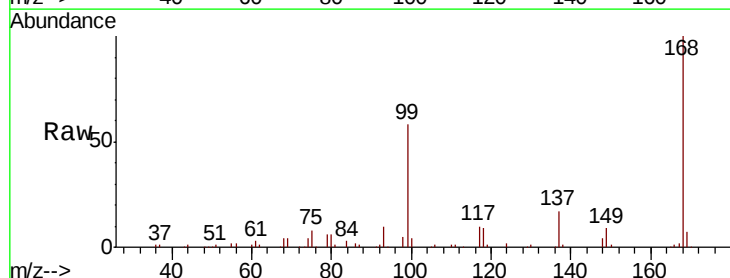
Tgt Ion: 117 Resp: 23348

Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 25.8 38.6#



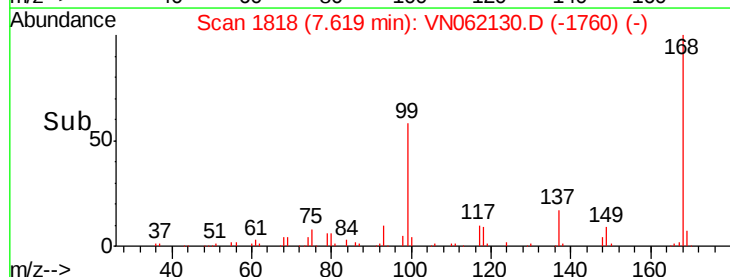
Abundance Ion 116.80 (116.50 to 117.50): VN062130.D (-1760) (-)

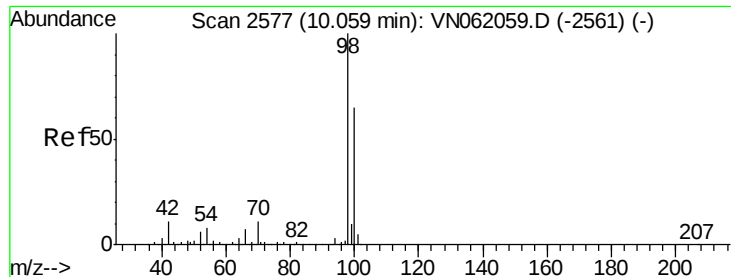
Ion 118.80 (118.50 to 119.50): VN062130.D (-1760) (-)

Ion 120.80 (120.50 to 121.50): VN062130.D (-1760) (-)

7.62

Time-->





#50

Toluene-d8

Concen: 47.834 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062130.D

Acq: 26 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

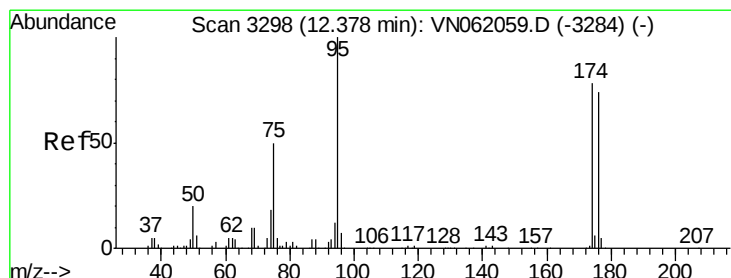
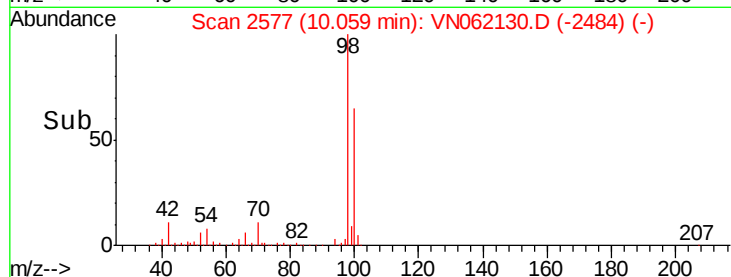
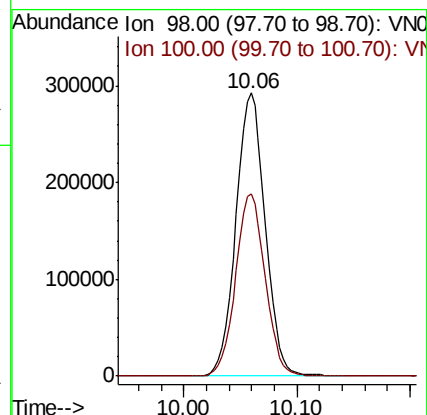
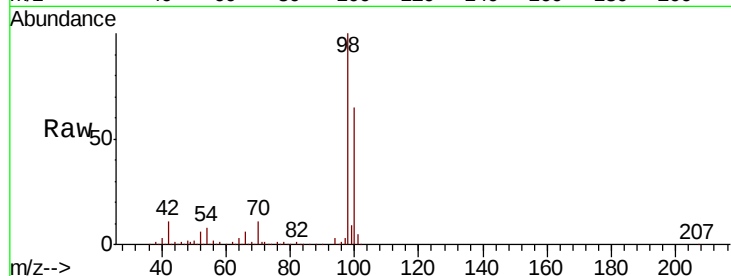
VN0626WBL01

Tot Ion: 98 Resp: 526871

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.260 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062130.D

Acq: 26 Jun 2020 11:18

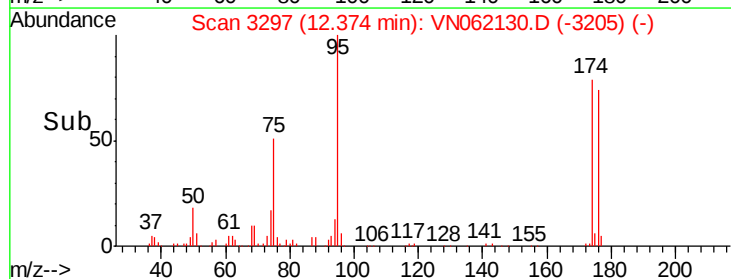
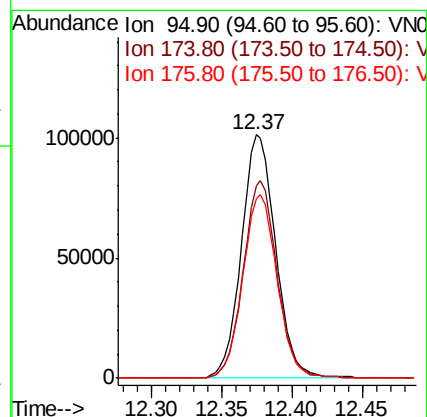
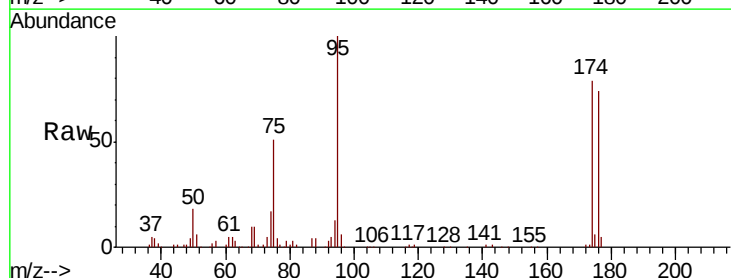
Tgt Ion: 95 Resp: 172150

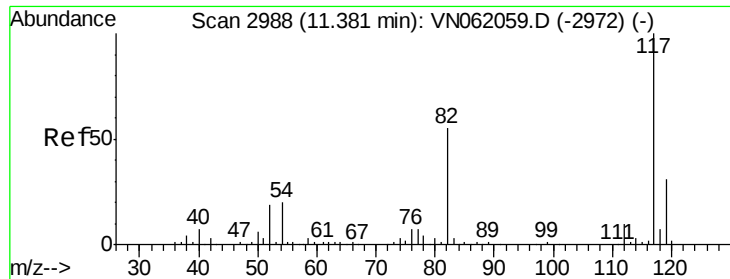
Ion Ratio Lower Upper

95 100

174 80.7 0.0 154.8

176 76.0 0.0 147.4

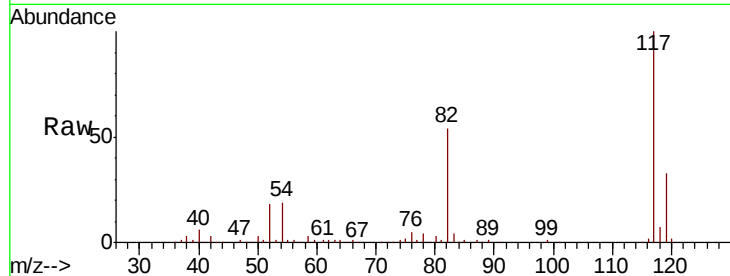




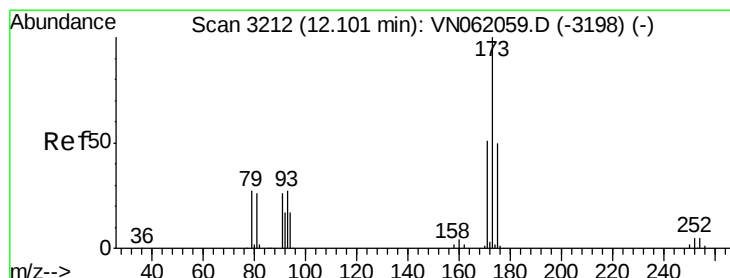
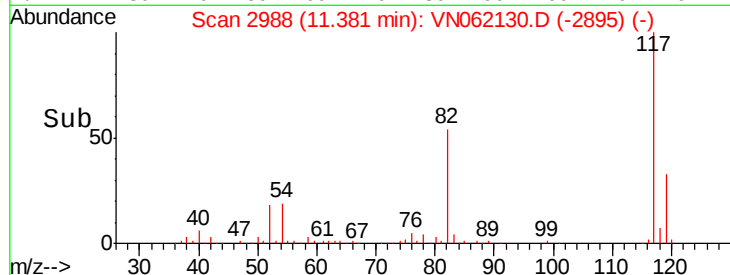
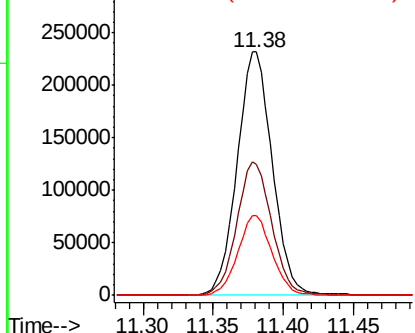
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062130.D
Acq: 26 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBL01

Tot Ion:117 Resp: 405473
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 33.0 25.2 37.8

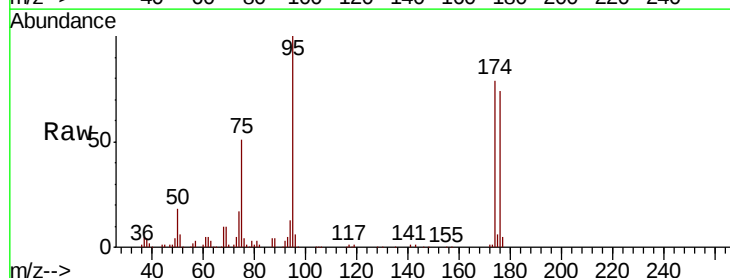


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

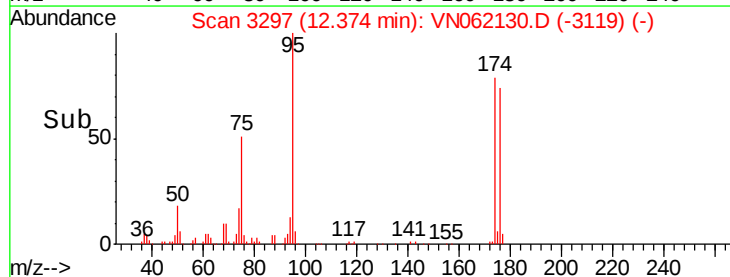
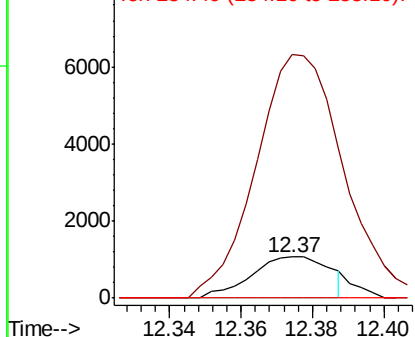


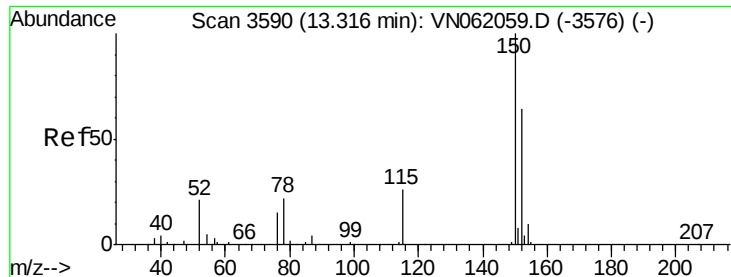
#71
Bromoform
Concen: 0.741 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN062130.D
Acq: 26 Jun 2020 11:18

Tgt Ion:173 Resp: 1622
Ion Ratio Lower Upper
173 100
175 566.2 24.7 74.1#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062130.D

Acq: 26 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBL01

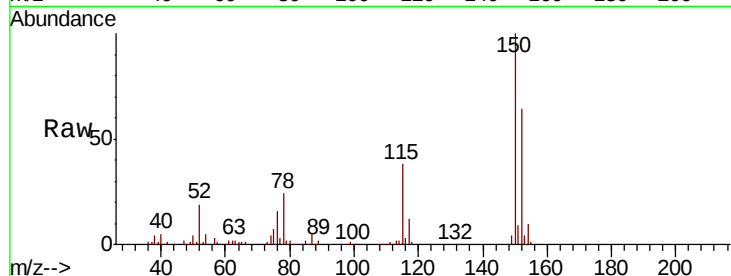
Tot Ion:152 Resp: 151762

Ion Ratio Lower Upper

152 100

115 58.8 29.5 88.5

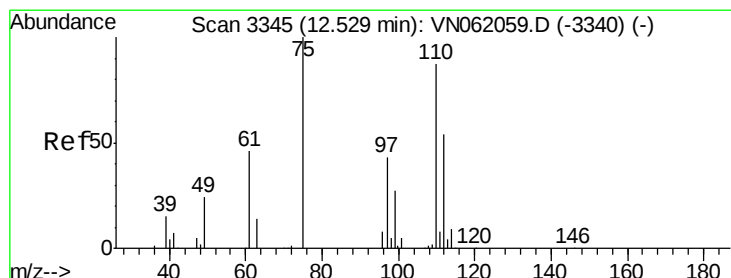
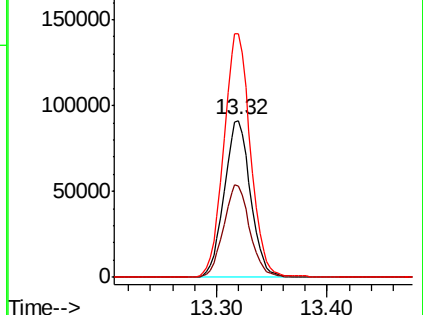
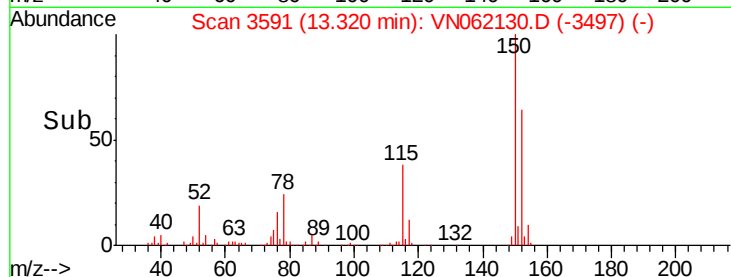
150 157.1 0.0 351.4



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: 24.688 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062130.D

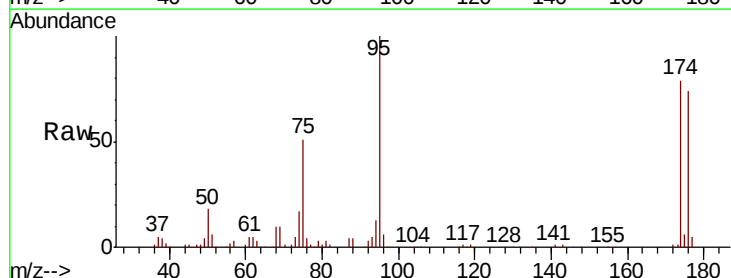
Acq: 26 Jun 2020 11:18

Tgt Ion: 75 Resp: 88200

Ion Ratio Lower Upper

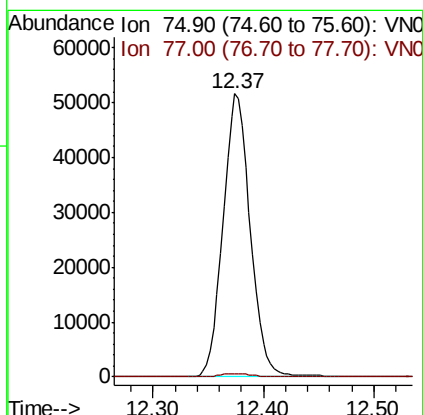
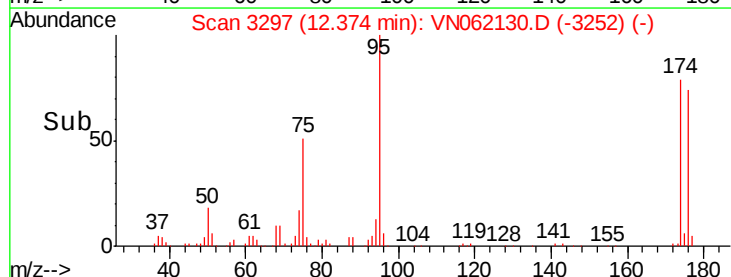
75 100

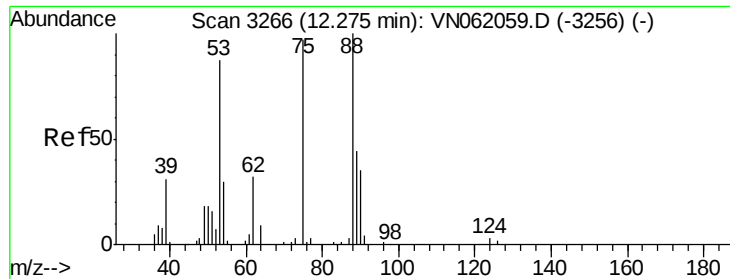
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

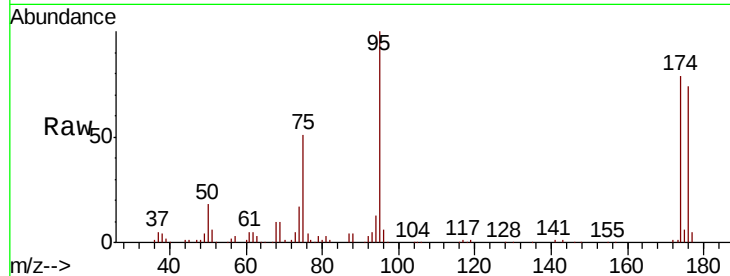




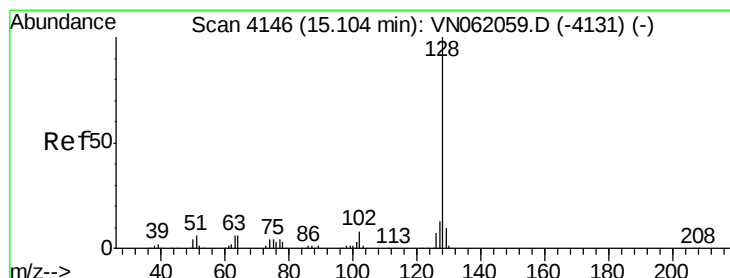
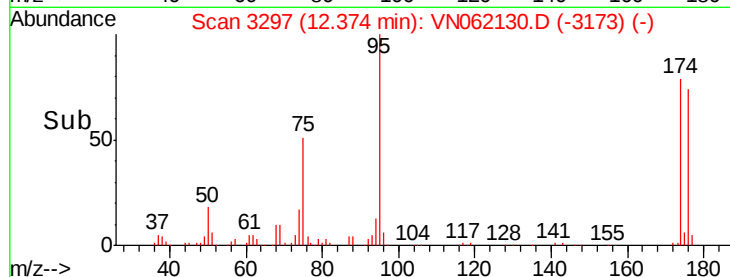
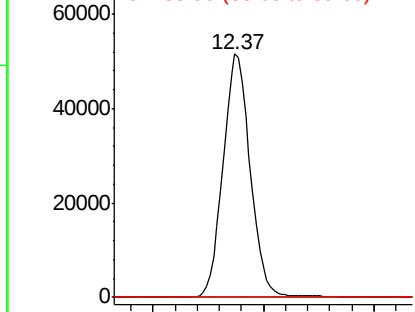
#81
trans-1,4-Dichloro-2-butene
Concen: 72.098 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN062130.D
Acq: 26 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampled :
VN0626WBL01

Tot Ion: 75 Resp: 88200
Ion Ratio Lower Upper
75 100
53 0.0 72.0 108.0#
89 0.0 36.9 55.3#

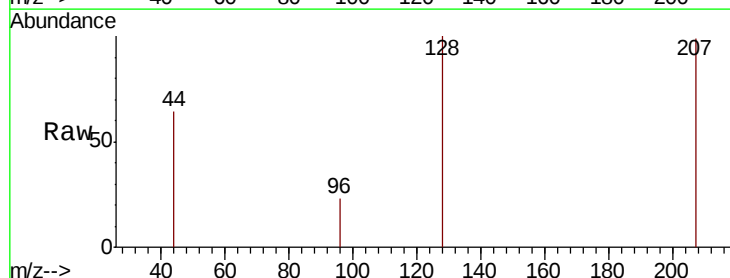


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#95
Naphthalene
Concen: 4.175 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062130.D
Acq: 26 Jun 2020 11:18

Tgt Ion:128 Resp: 1417
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

