

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062064.D
 Acq On : 24 Jun 2020 15:44
 Operator : JC/MD
 Sample : VN0624WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL01

Quant Time: Jun 25 04:28:59 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	222664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	415660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152485	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	158838	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	7.55	113	135021	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
50) Toluene-d8	10.06	98	523256	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.38	95	172492	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	

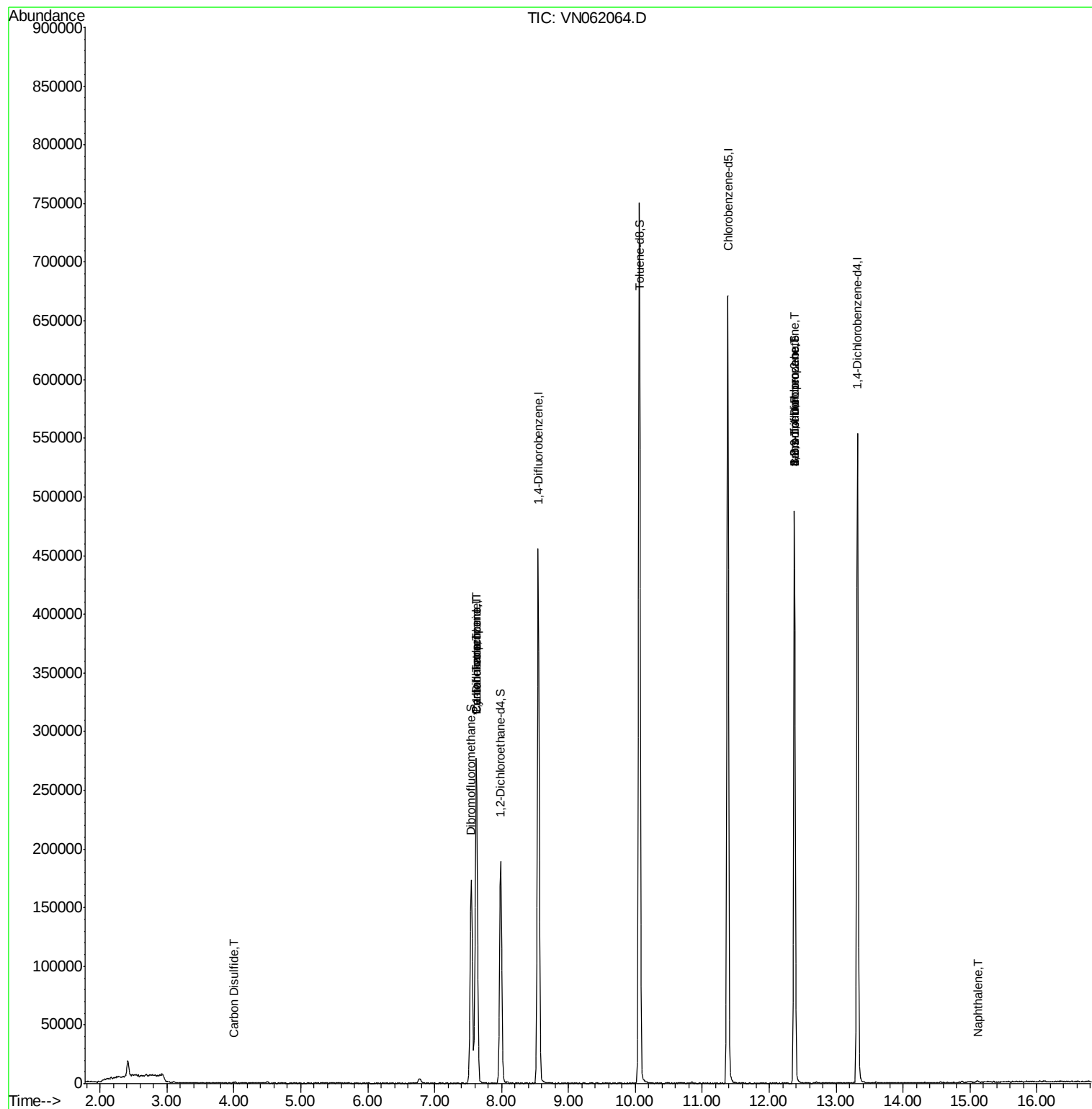
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	309	Below Cal	#	45
16) Acetone	3.76	43	150	Below Cal	#	40
17) Carbon Disulfide	4.00	76	2013	0.325	ug/l #	75
20) Methylene Chloride	4.51	84	400	Below Cal	#	44
31) Cyclohexane	7.62	56	5011	1.161	ug/l #	17
36) 1,1-Dichloropropene	7.63	75	18737	4.485	ug/l #	48
38) Carbon Tetrachloride	7.63	117	22224	5.642	ug/l #	14
71) Bromoform	12.38	173	1720	0.797	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	87593	24.402	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	87593	71.262	ug/l #	13
95) Naphthalene	15.11	128	1451	4.179	ug/l #	69

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

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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: VN062064.D

Acq: 24 Jun 2020 15:44

Instrument :

MSVOA_N

ClientSampleID :

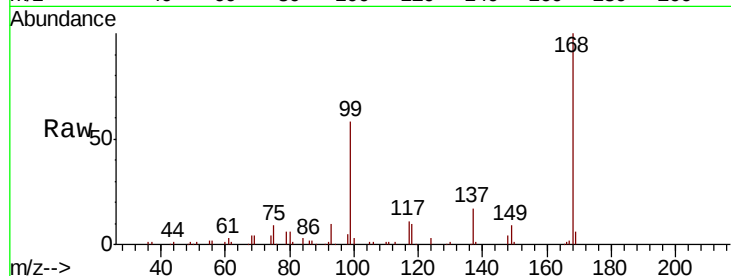
VN0624WBL01

Tot Ion:168 Resp: 222664

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

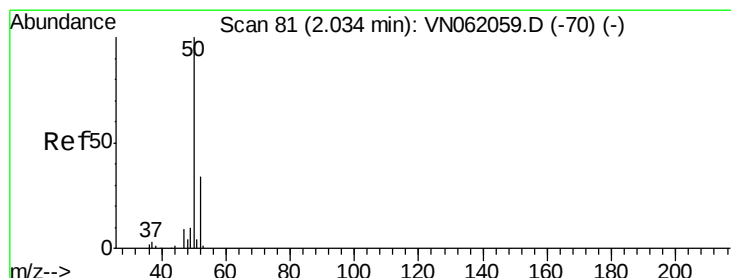
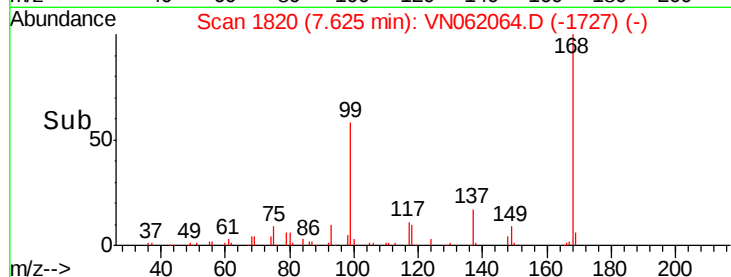
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062064.D

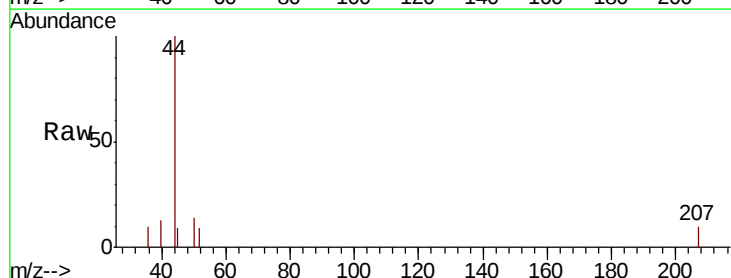
Acq: 24 Jun 2020 15:44

Tgt Ion: 50 Resp: 309

Ion Ratio Lower Upper

50 100

52 65.2 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

300

250

200

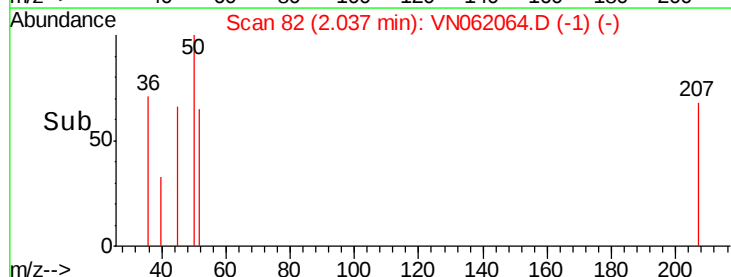
150

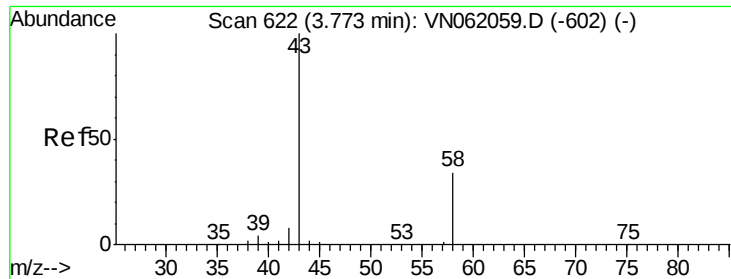
100

50

0

Time--> 2.02 2.04 2.06

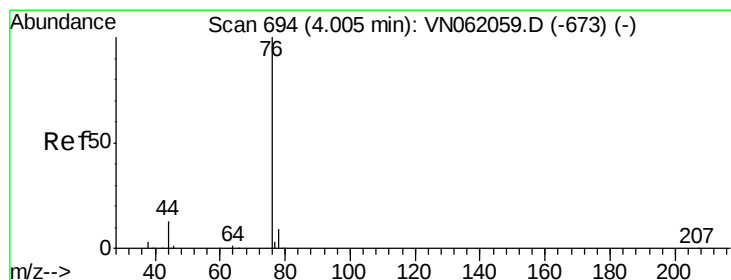
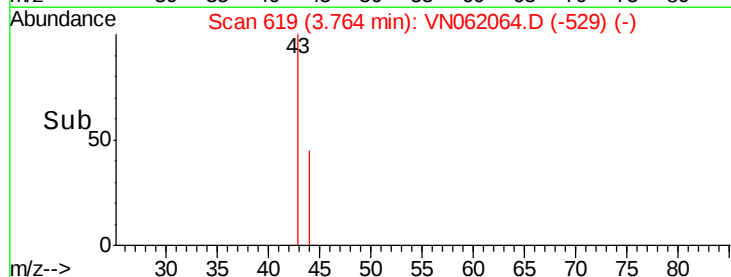
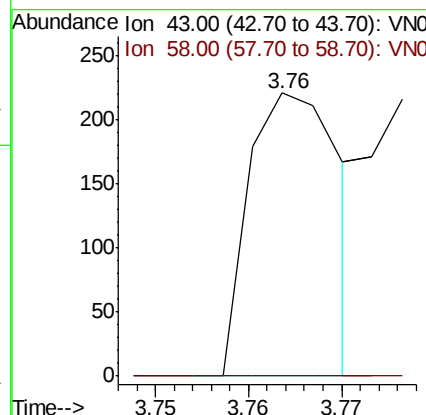
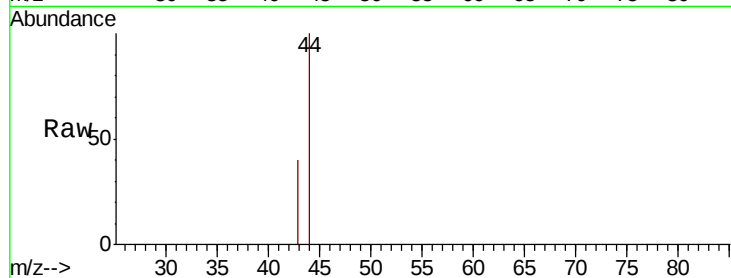




#16
Acetone
Concen: Below Cal
RT: 3.76 min Scan# 619
Delta R.T. -0.01 min
Lab File: VN062064.D
Acq: 24 Jun 2020 15:44

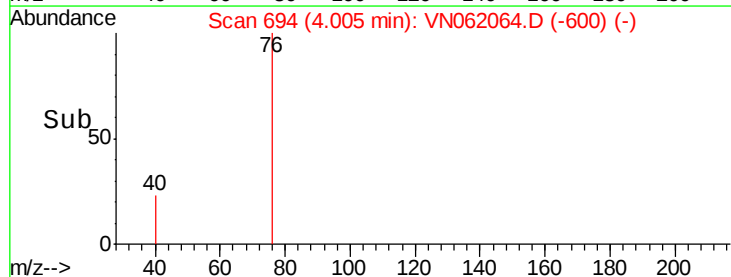
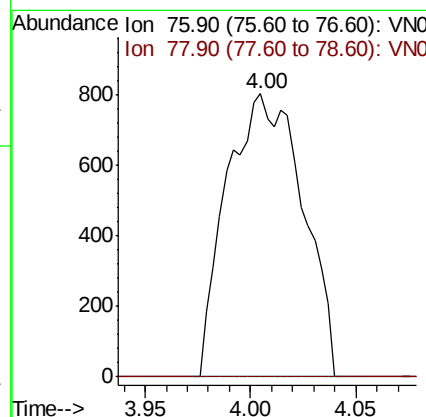
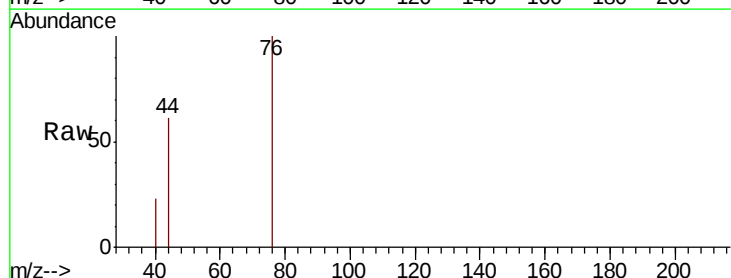
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

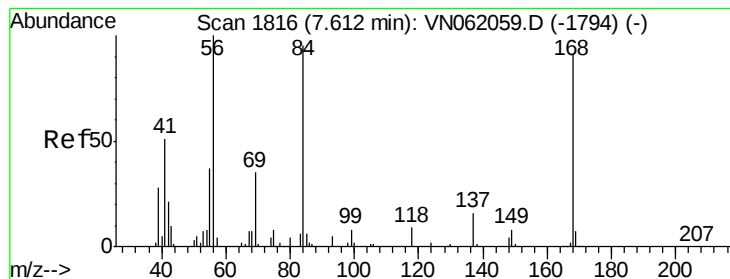
Tot Ion: 43 Resp: 150
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#17
Carbon Disulfide
Concen: 0.325 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062064.D
Acq: 24 Jun 2020 15:44

Tgt Ion: 76 Resp: 2013
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#31

Cyclohexane

Concen: 1.161 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN062064.D

Acq: 24 Jun 2020 15:44

Instrument :

MSVOA_N

ClientSampleID :

VN0624WBL01

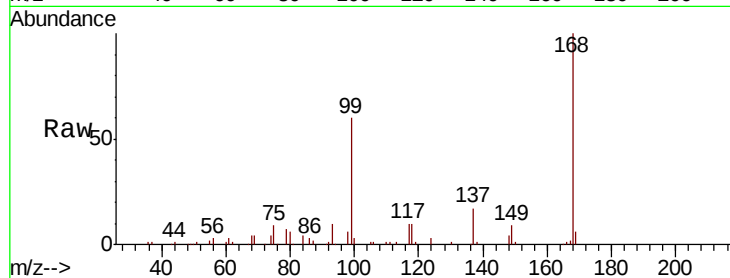
Tot Ion: 56 Resp: 5011

Ion Ratio Lower Upper

56 100

69 137.4 28.0 42.0#

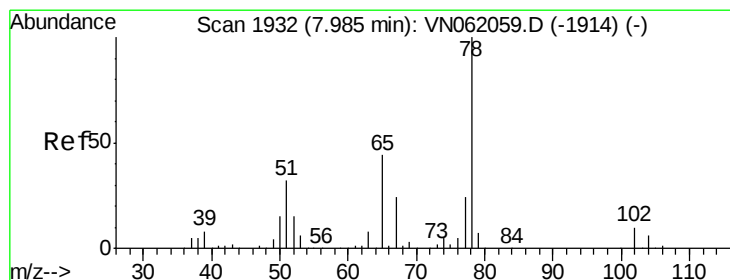
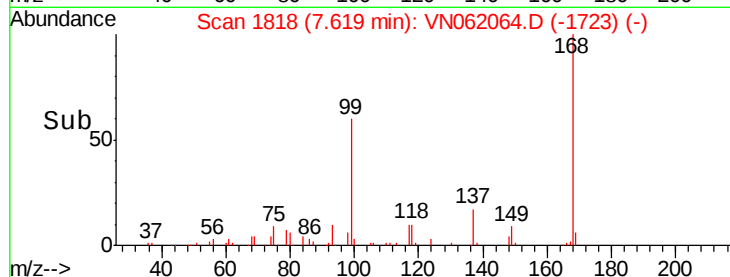
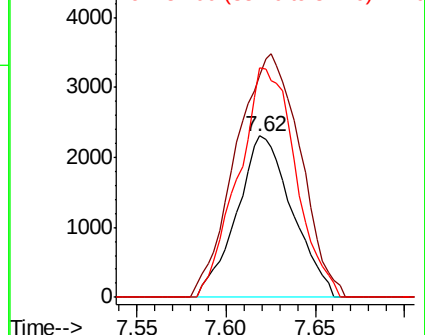
84 142.3 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.833 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062064.D

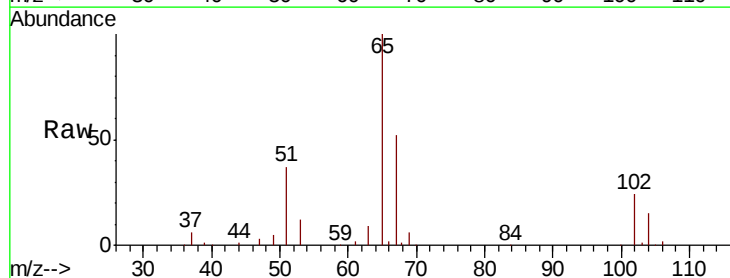
Acq: 24 Jun 2020 15:44

Tgt Ion: 65 Resp: 158838

Ion Ratio Lower Upper

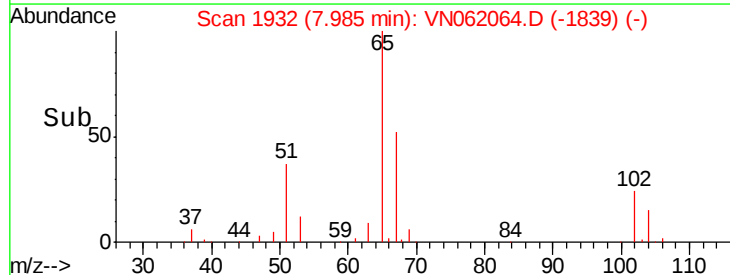
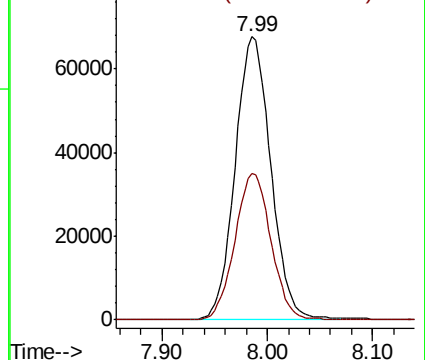
65 100

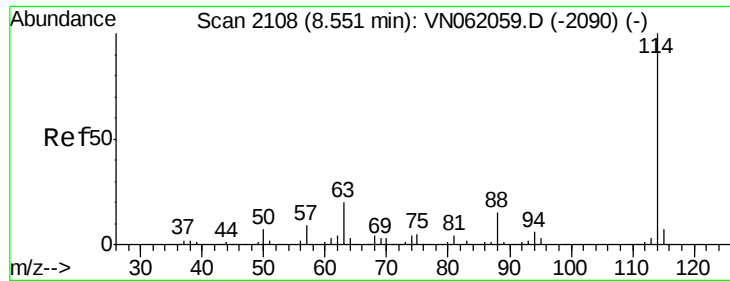
67 52.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

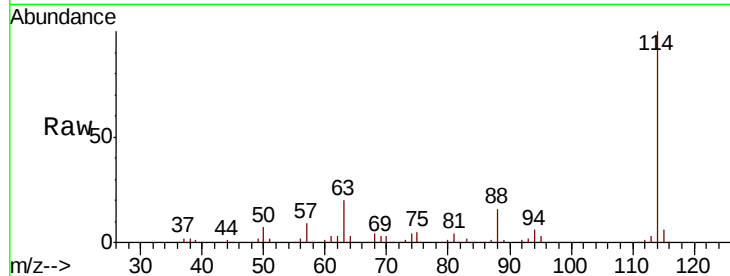




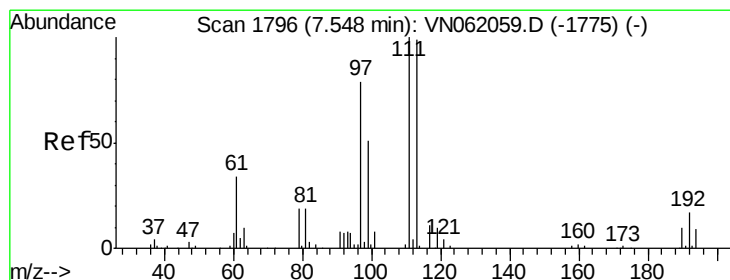
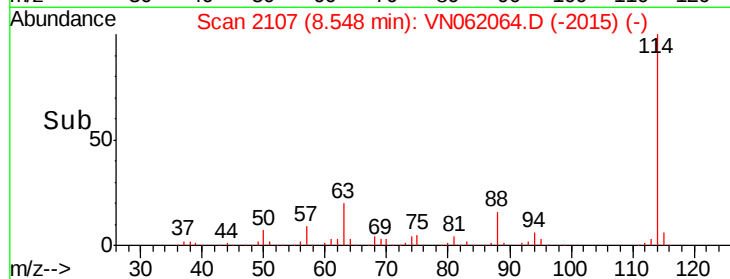
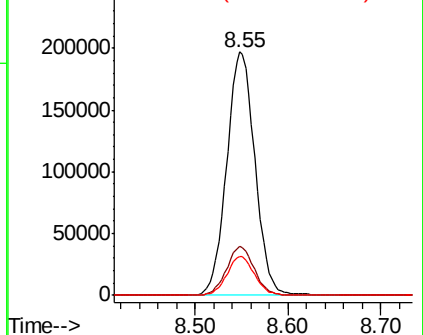
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062064.D
Acq: 24 Jun 2020 15:44

Instrument :
MSVOA_N
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VN0624WBL01

Tot Ion:114 Resp: 415660
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 16.1 0.0 30.8

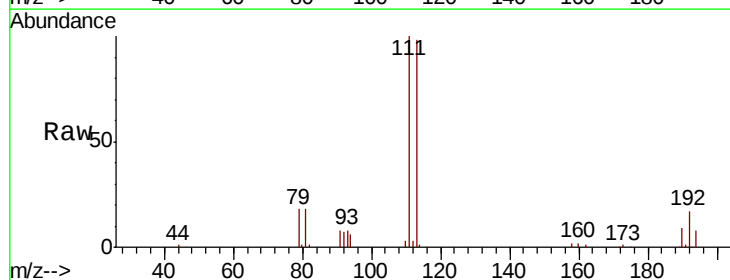


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

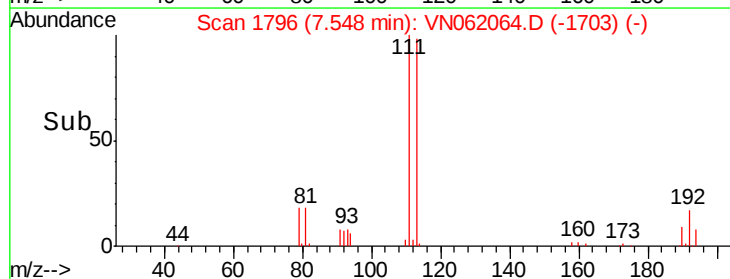
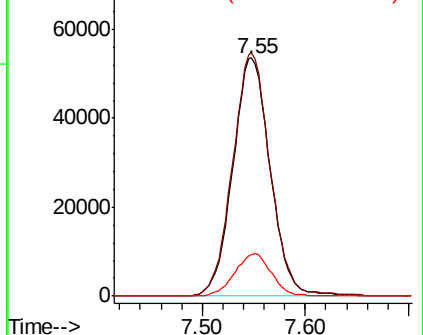


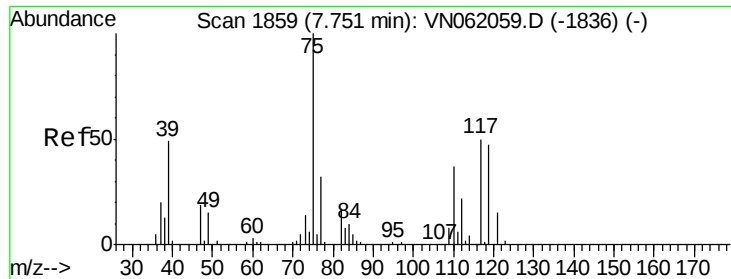
#35
Dibromofluoromethane
Concen: 50.633 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062064.D
Acq: 24 Jun 2020 15:44

Tgt Ion:113 Resp: 135021
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.4 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

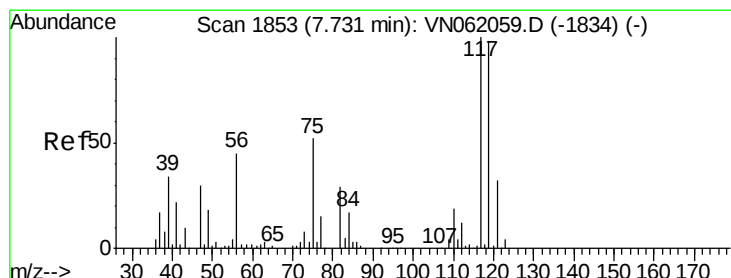
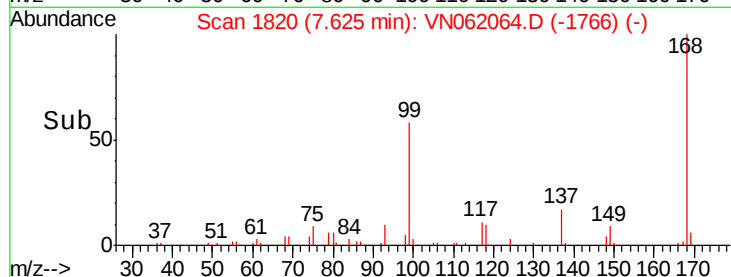
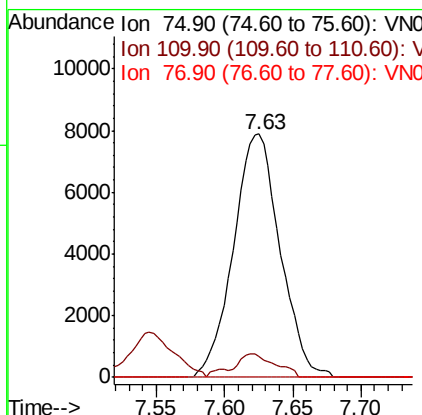
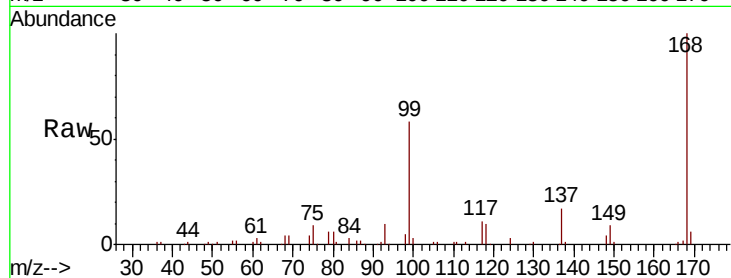




#36
 1,1-Dichloropropene
 Concen: 4.485 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062064.D
 Acq: 24 Jun 2020 15:44

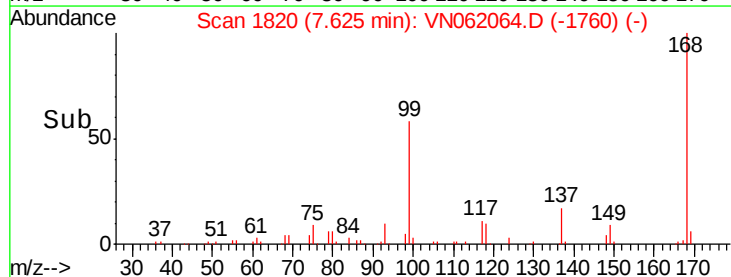
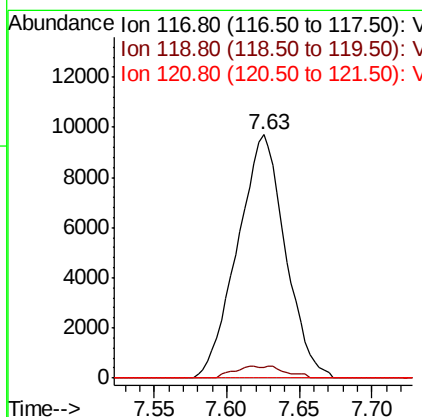
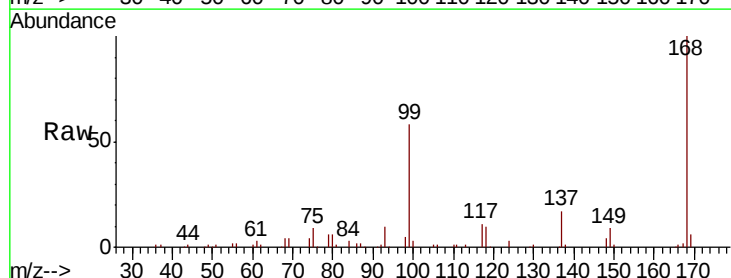
Instrument :
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 VN0624WBL01

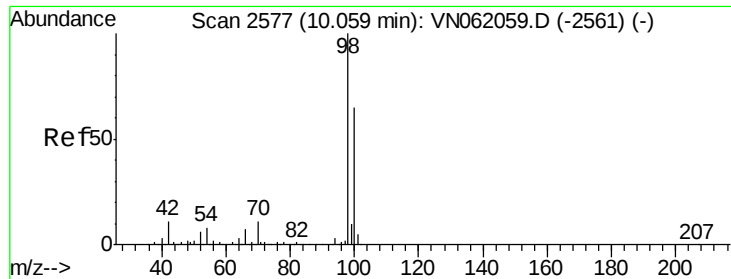
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.9	53.8#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.642 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062064.D
 Acq: 24 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.2	117.2#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 49.088 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062064.D

Acq: 24 Jun 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

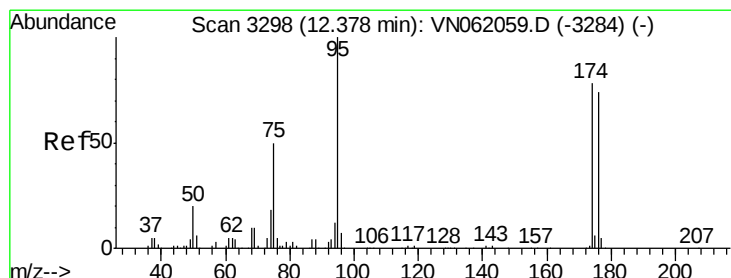
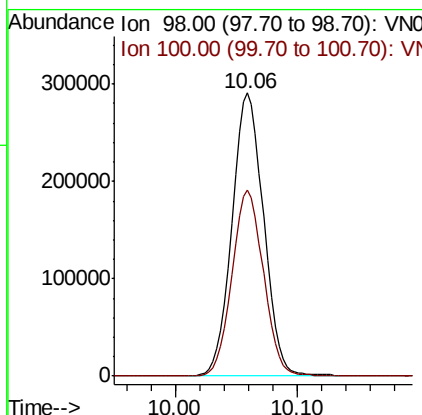
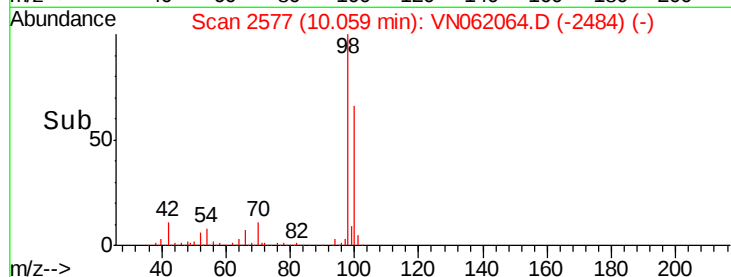
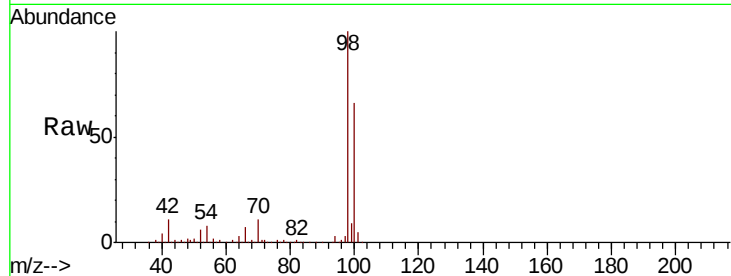
VN0624WBL01

Tot Ion: 98 Resp: 523256

Ion Ratio Lower Upper

98 100

100 65.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.896 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062064.D

Acq: 24 Jun 2020 15:44

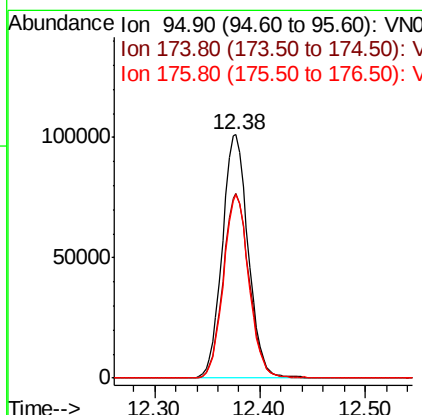
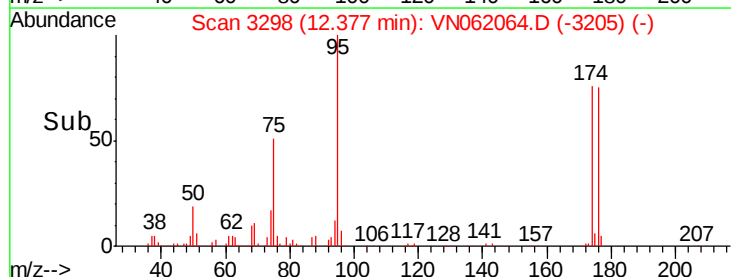
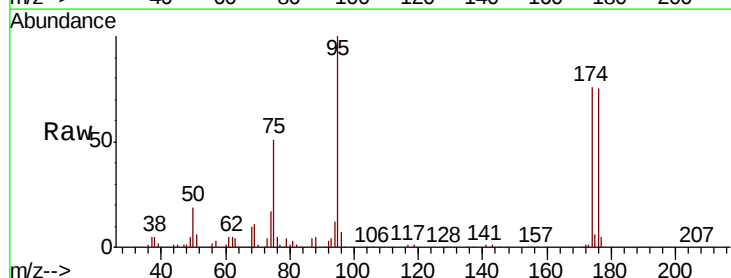
Tgt Ion: 95 Resp: 172492

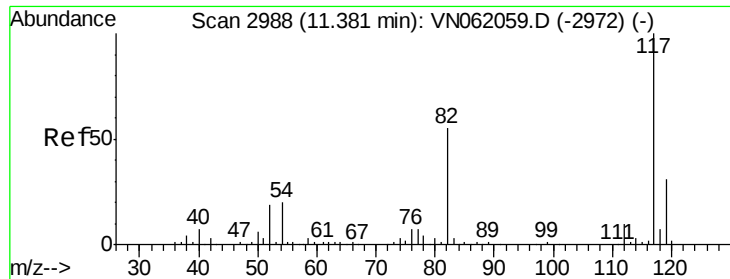
Ion Ratio Lower Upper

95 100

174 76.1 0.0 154.8

176 73.6 0.0 147.4

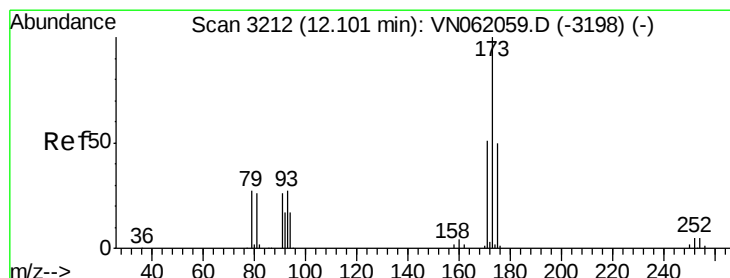
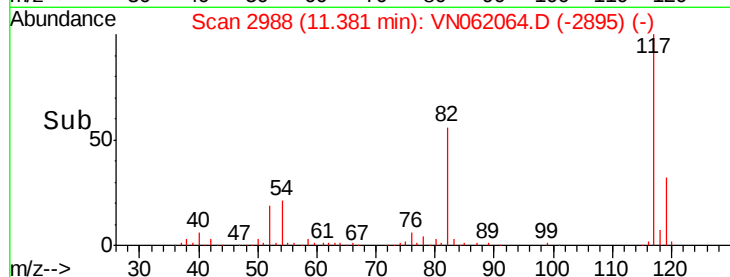
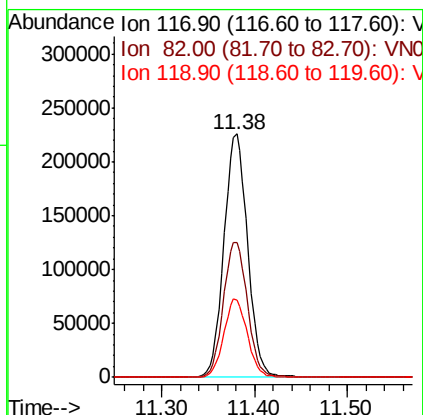
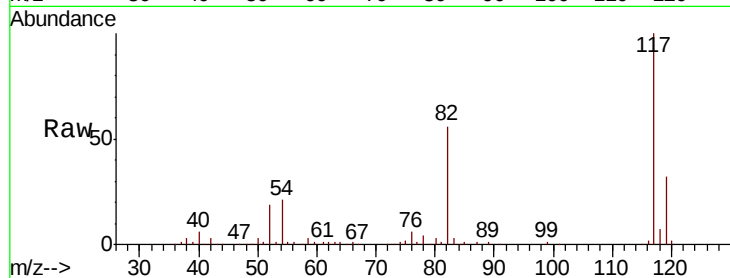




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062064.D
Acq: 24 Jun 2020 15:44

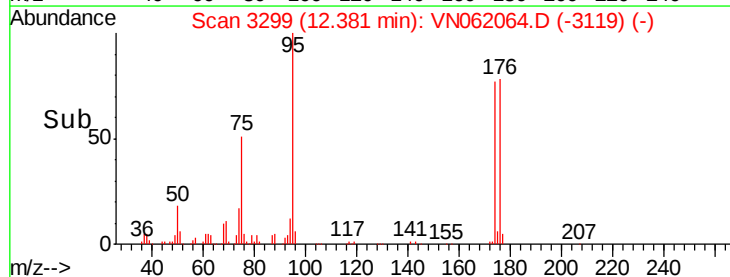
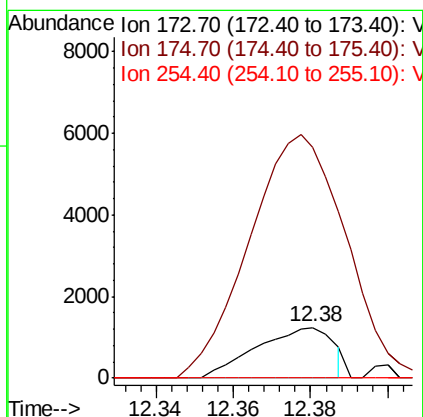
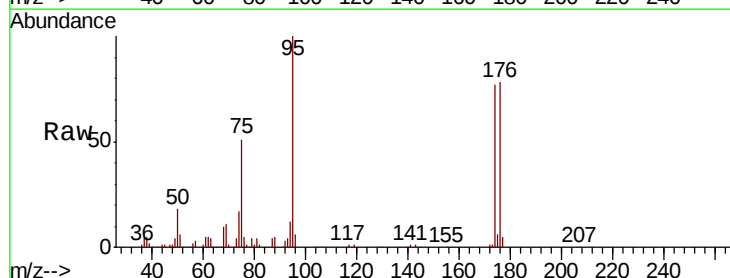
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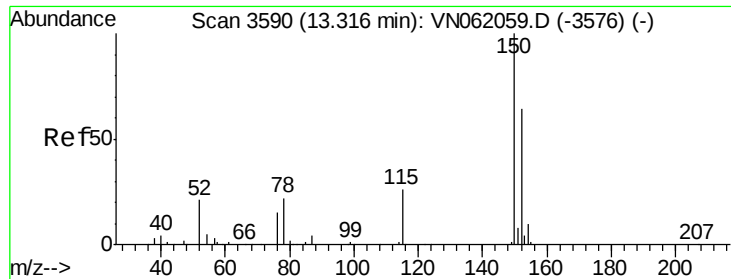
Tot Ion:117 Resp: 399849
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 31.8 25.2 37.8



#71
Bromoform
Concen: 0.797 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN062064.D
Acq: 24 Jun 2020 15:44

Tgt Ion:173 Resp: 1720
Ion Ratio Lower Upper
173 100
175 515.0 24.7 74.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062064.D

Acq: 24 Jun 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBL01

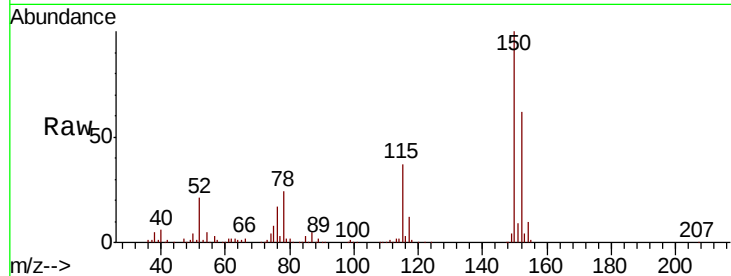
Tot Ion:152 Resp: 152485

Ion Ratio Lower Upper

152 100

115 59.4 29.5 88.5

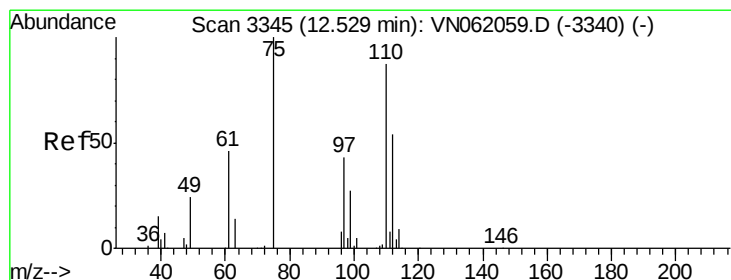
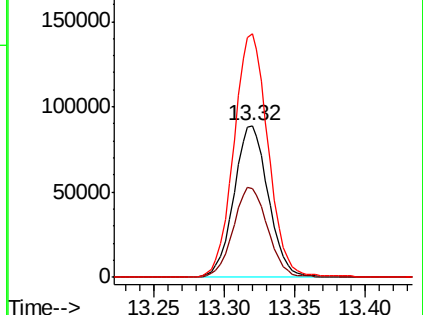
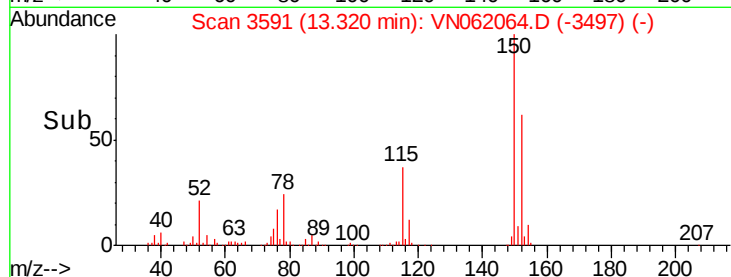
150 160.1 0.0 351.4



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: 24.402 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062064.D

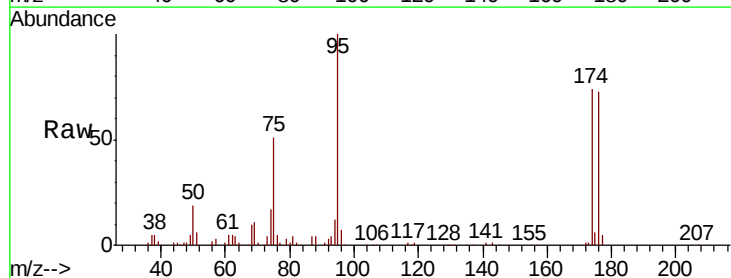
Acq: 24 Jun 2020 15:44

Tgt Ion: 75 Resp: 87593

Ion Ratio Lower Upper

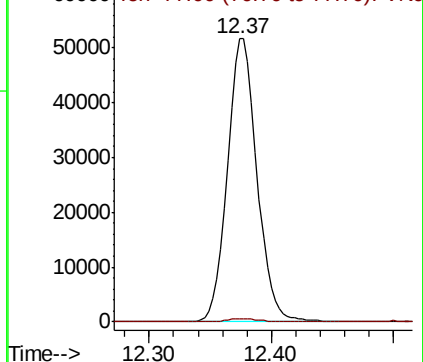
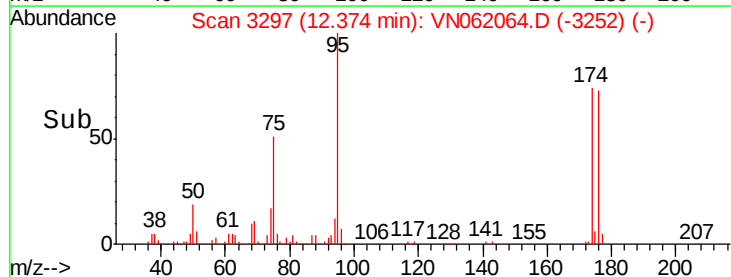
75 100

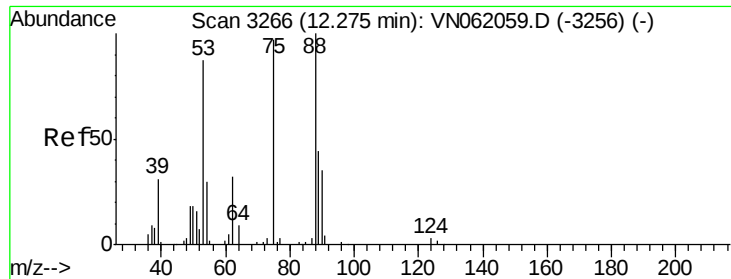
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

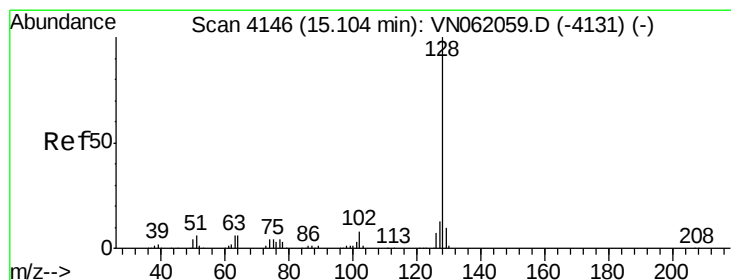
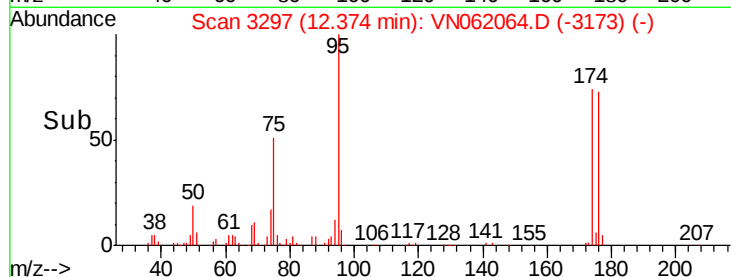
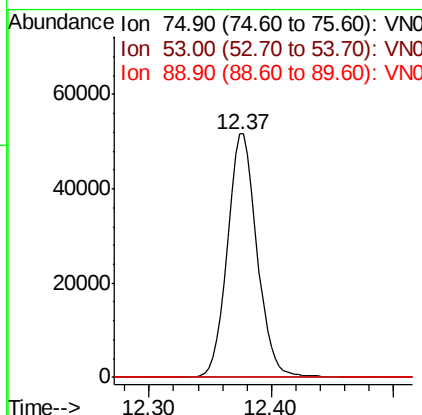
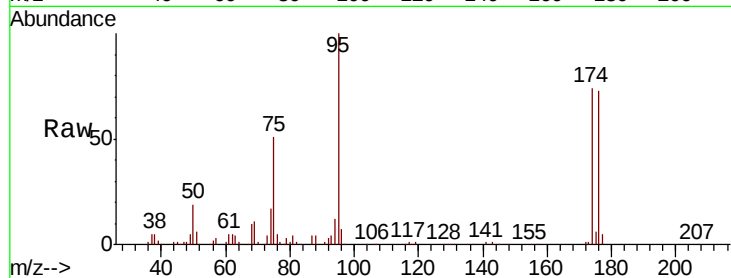




#81
trans-1,4-Dichloro-2-butene
Concen: 71.262 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN062064.D
Acq: 24 Jun 2020 15:44

Instrument :
MSVOA_N
ClientSampled :
VN0624WBL01

Tot Ion: 75 Resp: 87593
Ion Ratio Lower Upper
75 100
53 0.0 72.0 108.0#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 4.179 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062064.D
Acq: 24 Jun 2020 15:44

Tgt Ion: 128 Resp: 1451
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 13.0#

