

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062081.D
 Acq On : 24 Jun 2020 23:02
 Operator : JC/MD
 Sample : VN0624WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL02

Quant Time: Jun 25 04:33:36 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	218110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142407	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	158091	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
35) Dibromofluoromethane	7.55	113	131954	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	10.06	98	513548	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	169380	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	

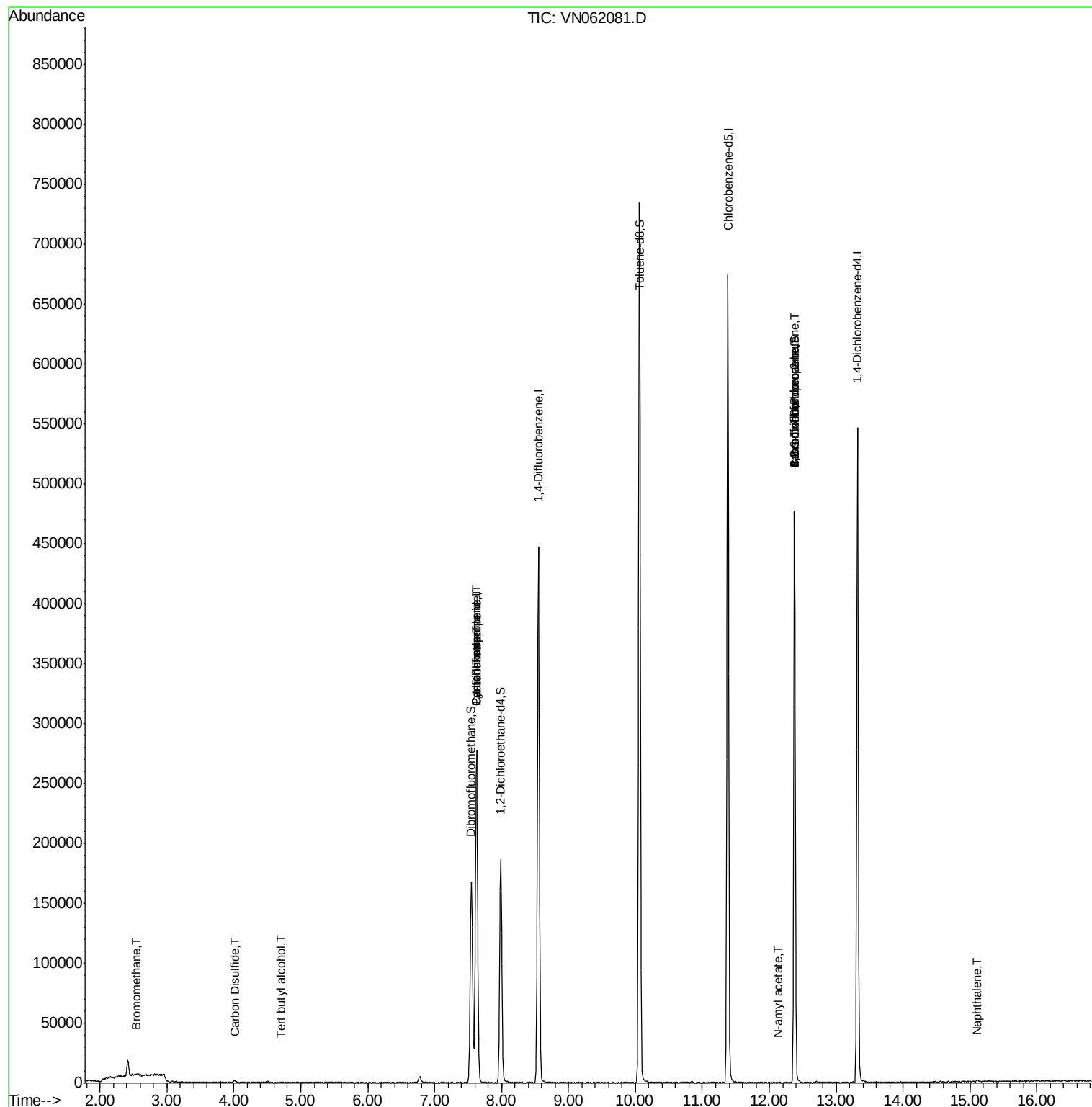
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	592	Below Cal	#	87
5) Bromomethane	2.54	94	725	0.289	ug/l #	39
11) Tert butyl alcohol	4.71	59	246	0.560	ug/l #	72
16) Acetone	3.76	43	102	Below Cal	#	40
17) Carbon Disulfide	4.01	76	2623	0.416	ug/l #	86
20) Methylene Chloride	4.50	84	594	Below Cal	#	80
31) Cyclohexane	7.63	56	5188	1.227	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	18200	4.430	ug/l #	49
38) Carbon Tetrachloride	7.63	117	22656	5.849	ug/l #	15
71) Bromoform	12.38	173	1512	0.713	ug/l #	1
74) N-amyl acetate	12.12	43	30	3.350	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	85330	25.454	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	85330	74.334	ug/l #	13
95) Naphthalene	15.11	128	1742	4.231	ug/l #	71

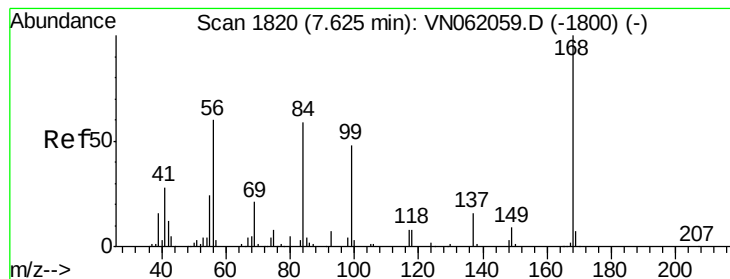
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
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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: VN062081.D

Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampleId :

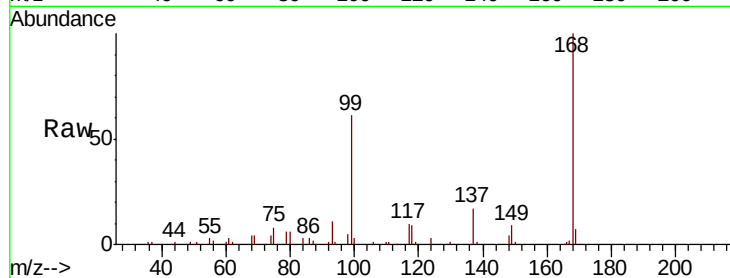
VN0624WBL02

Tot Ion:168 Resp: 218110

Ion Ratio Lower Upper

168 100

99 61.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062059.D

Ion 98.90 (98.60 to 99.60): VN062059.D

7.63

100000

80000

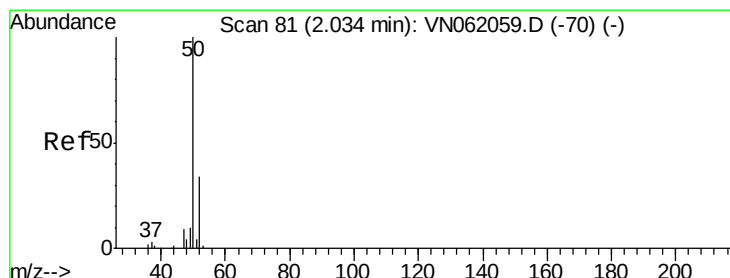
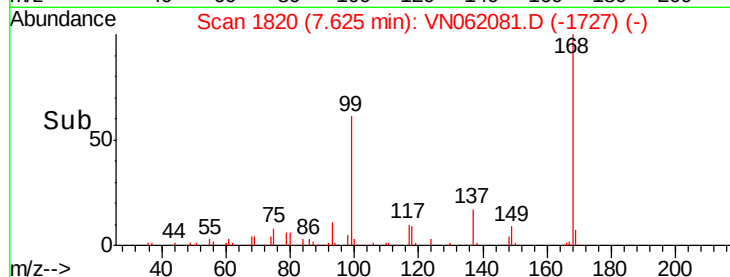
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: VN062081.D

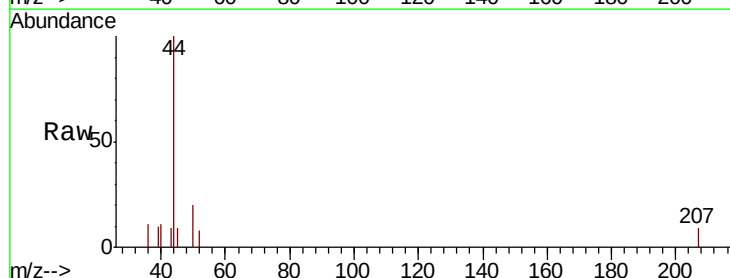
Acq: 24 Jun 2020 23:02

Tgt Ion: 50 Resp: 592

Ion Ratio Lower Upper

50 100

52 41.5 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN062059.D

Ion 51.90 (51.60 to 52.60): VN062059.D

2.04

400

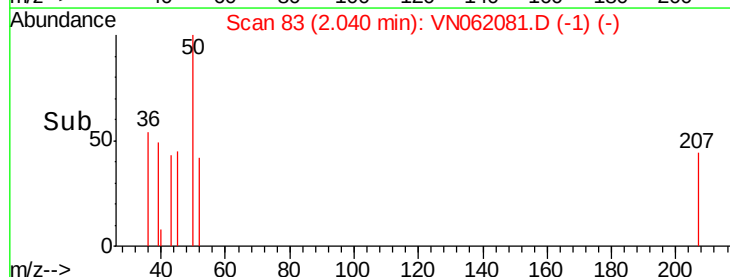
300

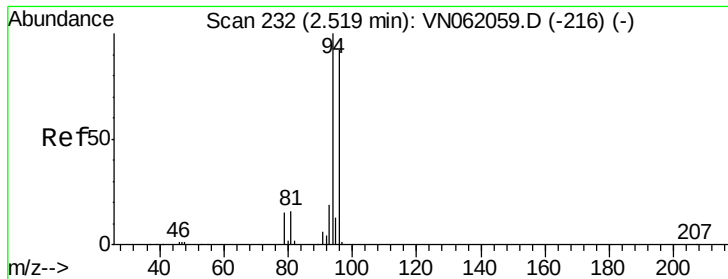
200

100

0

Time--> 2.00 2.02 2.04 2.06





#5

Bromomethane

Concen: 0.289 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.02 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampleId :

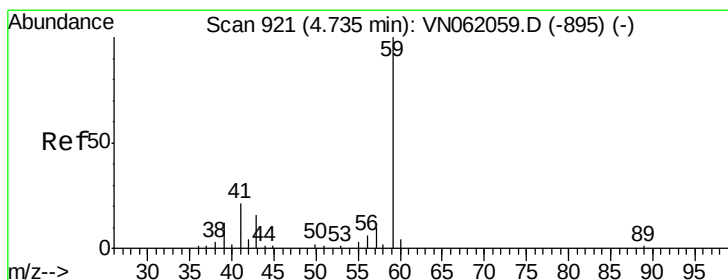
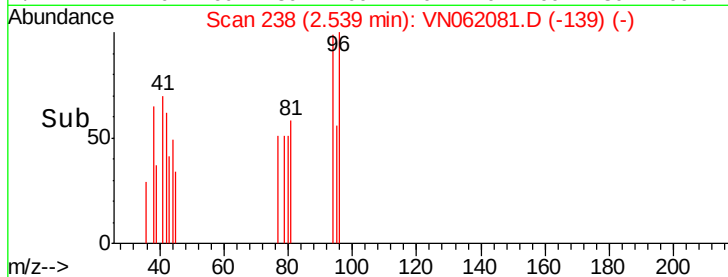
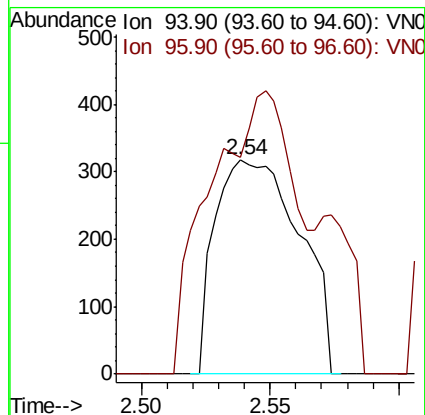
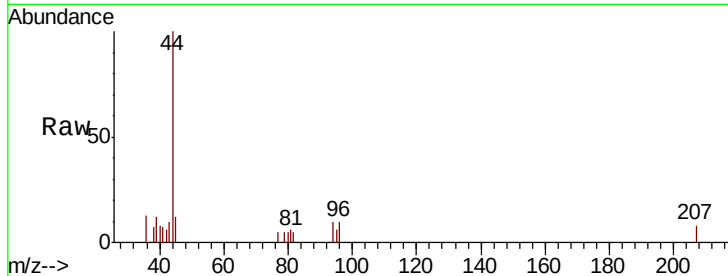
VN0624WBL02

Tot Ion: 94 Resp: 725

Ion Ratio Lower Upper

94 100

96 34.0 73.4 110.2#



#11

Tert butyl alcohol

Concen: 0.560 ug/l

RT: 4.71 min Scan# 913

Delta R.T. -0.03 min

Lab File: VN062081.D

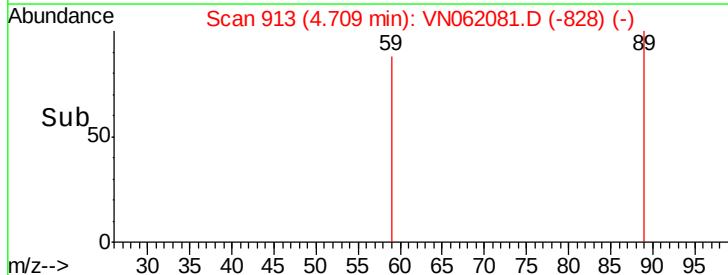
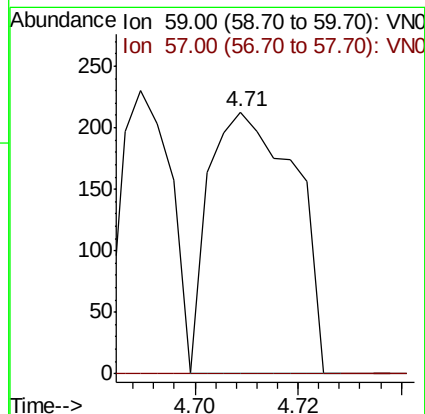
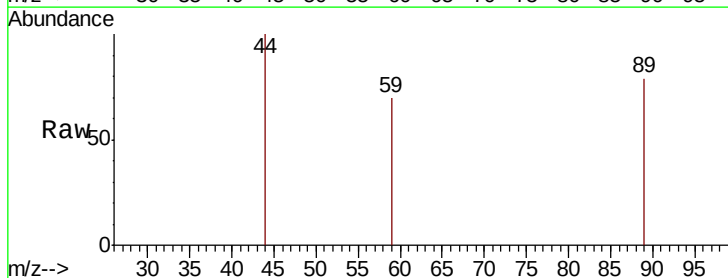
Acq: 24 Jun 2020 23:02

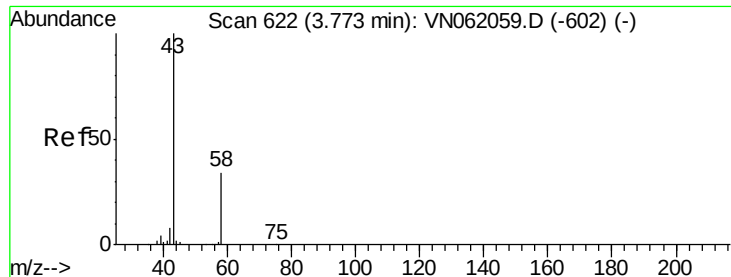
Tgt Ion: 59 Resp: 246

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#16

Acetone

Concen: Below Cal

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampled :

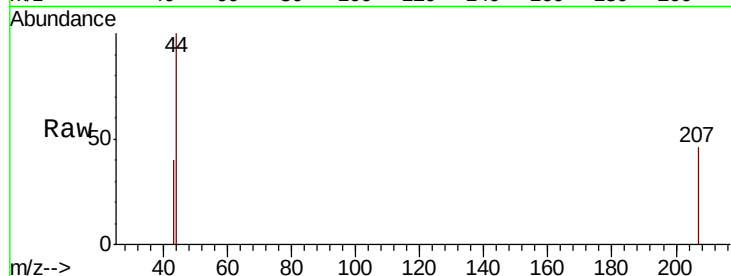
VN0624WBL02

Tot Ion: 43 Resp: 102

Ion Ratio Lower Upper

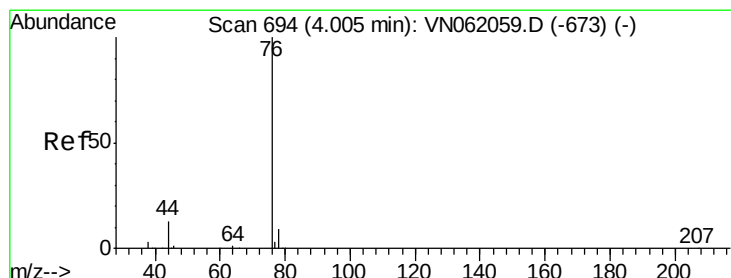
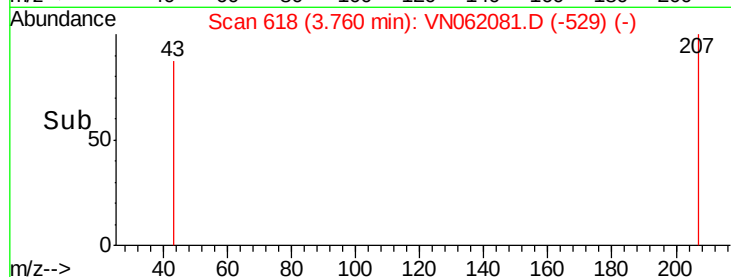
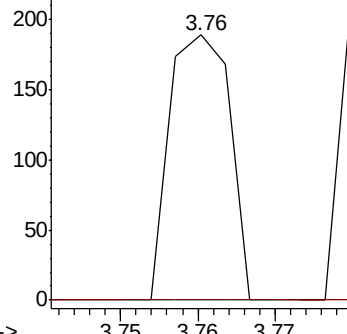
43 100

58 0.0 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.416 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062081.D

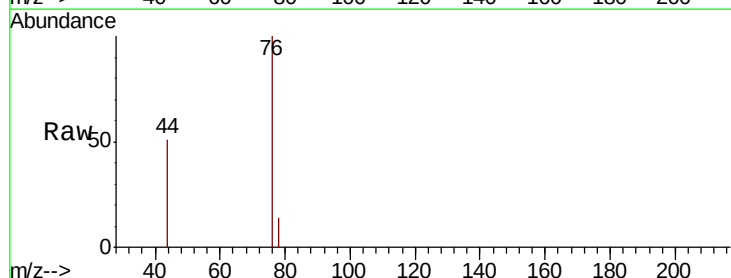
Acq: 24 Jun 2020 23:02

Tgt Ion: 76 Resp: 2623

Ion Ratio Lower Upper

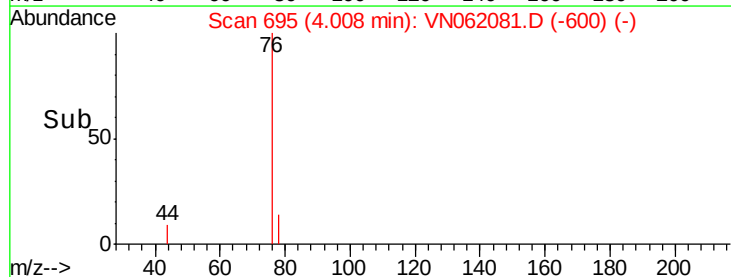
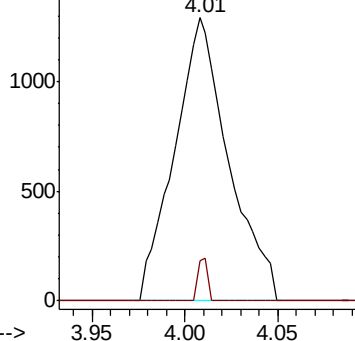
76 100

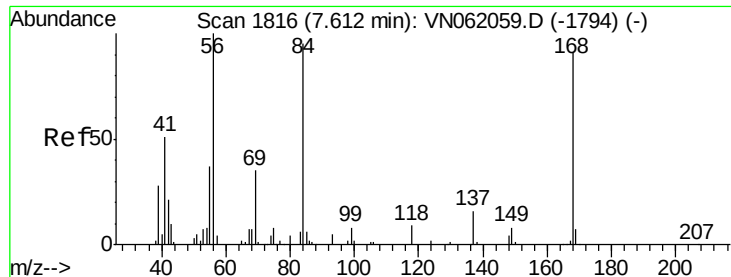
78 14.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

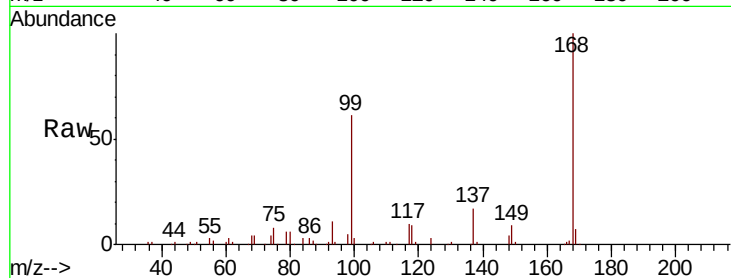




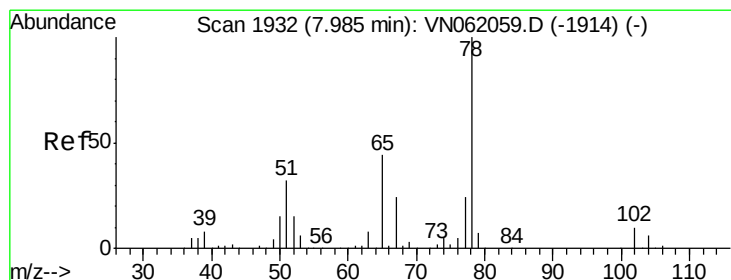
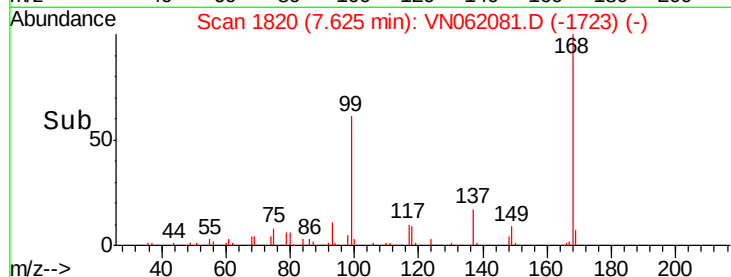
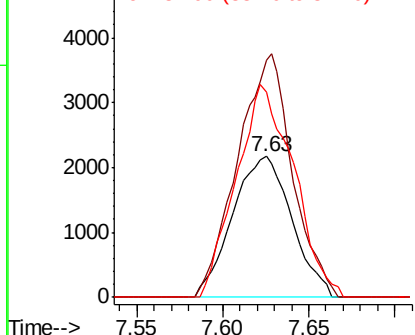
#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062081.D
Acq: 24 Jun 2020 23:02

Instrument :
MSVOA_N
ClientSampleID :
VN0624WBL02

Tot Ion: 56 Resp: 5188
Ion Ratio Lower Upper
56 100
69 168.4 28.0 42.0#
84 145.5 76.1 114.1#

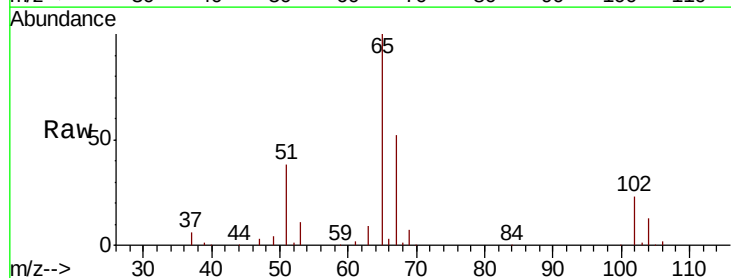


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

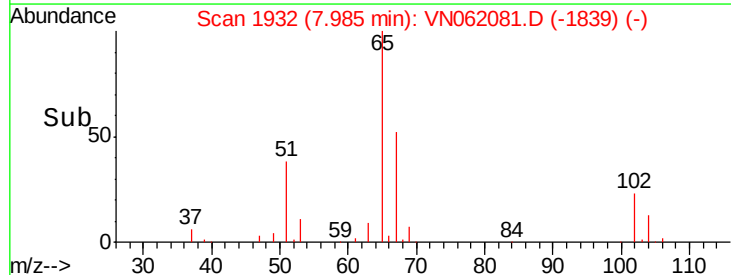
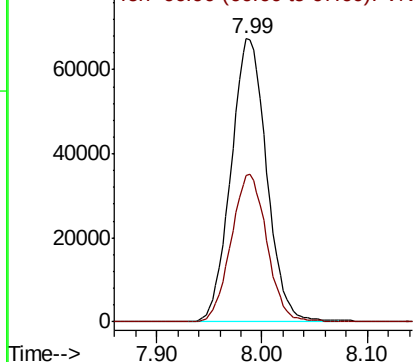


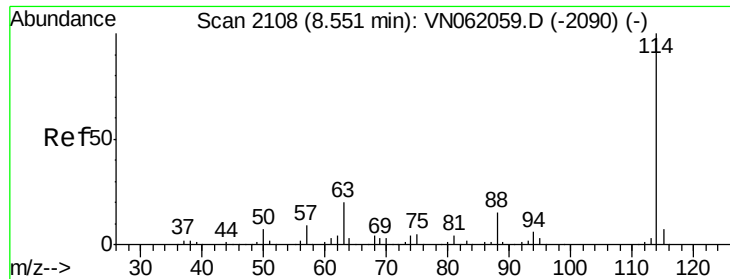
#33
1,2-Dichloroethane-d4
Concen: 51.650 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062081.D
Acq: 24 Jun 2020 23:02

Tgt Ion: 65 Resp: 158091
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2



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

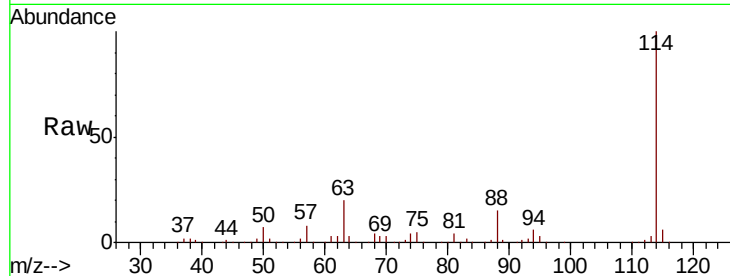




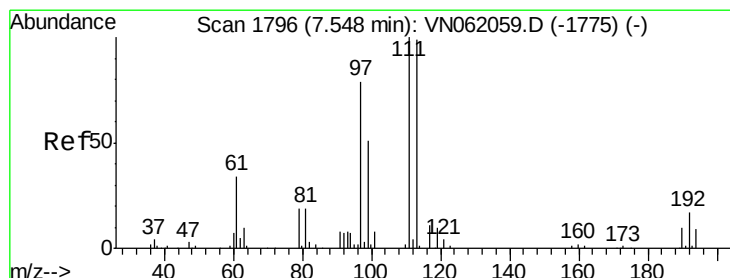
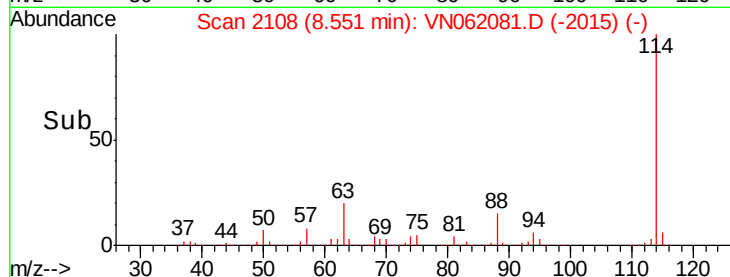
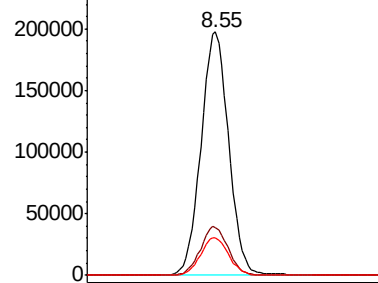
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062081.D
Acq: 24 Jun 2020 23:02

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL02

Tot Ion:114 Resp: 408771
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.2 0.0 30.8

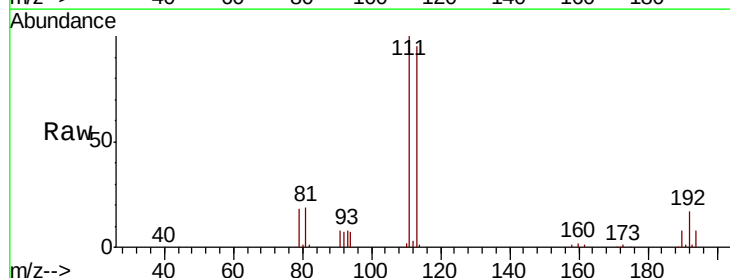


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

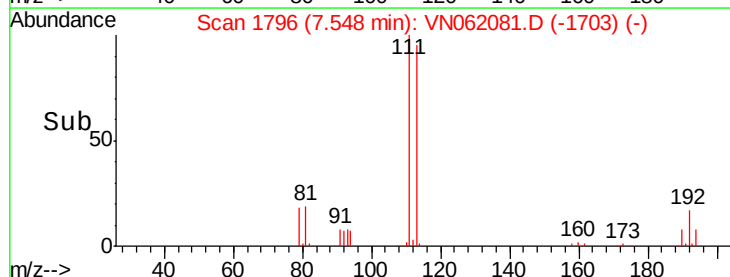
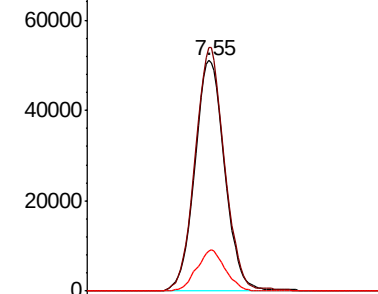


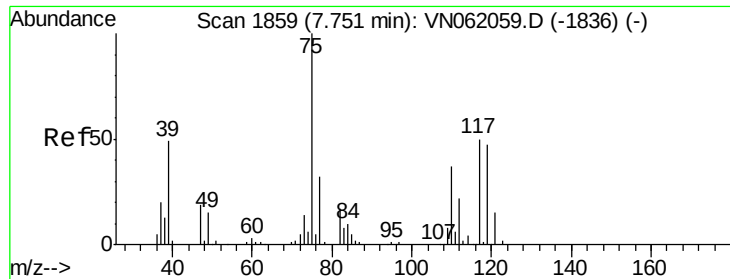
#35
Dibromofluoromethane
Concen: 50.317 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062081.D
Acq: 24 Jun 2020 23:02

Tgt Ion:113 Resp: 131954
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.0 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

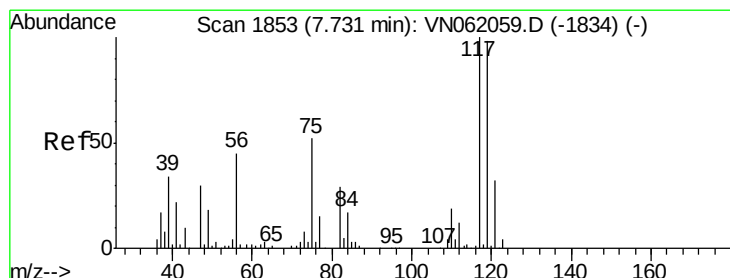
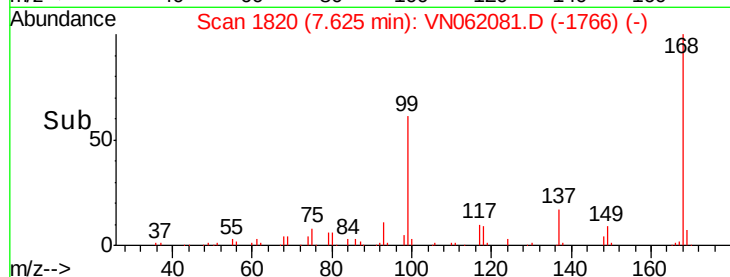
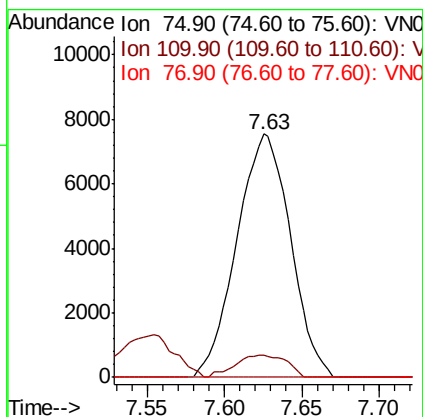
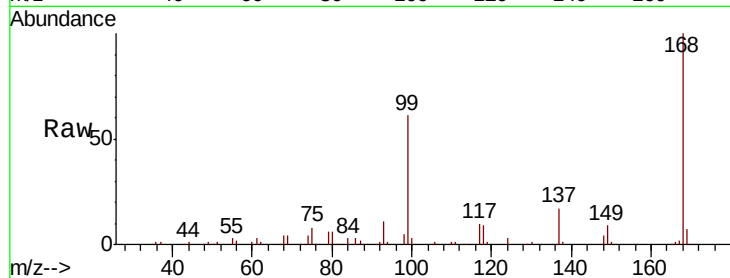




#36
 1,1-Dichloropropene
 Concen: 4.430 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062081.D
 Acq: 24 Jun 2020 23:02

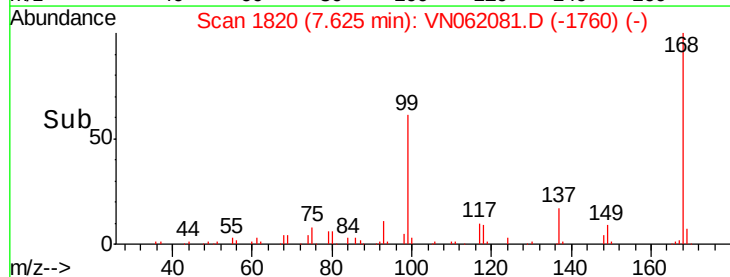
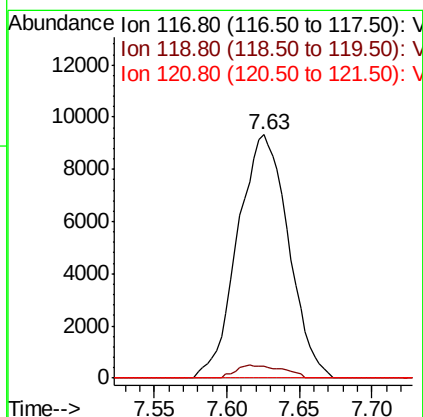
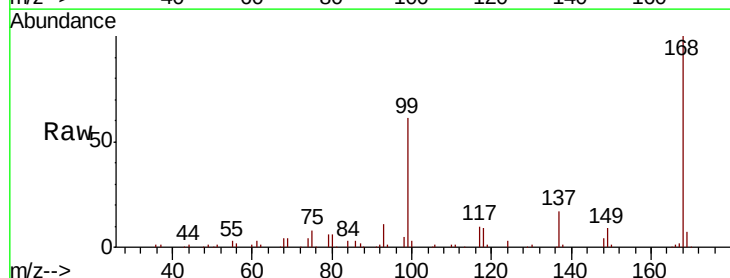
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 ClientSampleId :
 VN0624WBL02

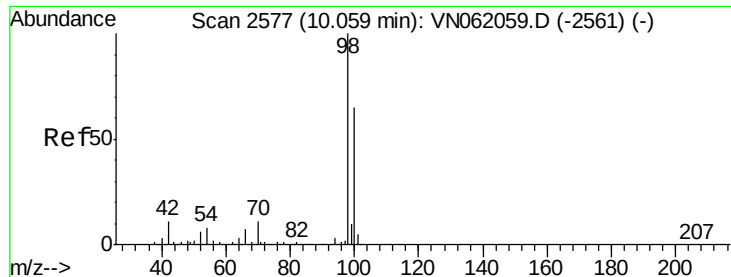
Tot Ion	75	Resp	18200
Ion Ratio	100	Lower	Upper
75	100		
110	8.7	17.9	53.8#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.849 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062081.D
 Acq: 24 Jun 2020 23:02

Tgt Ion	117	Resp	22656
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.9	78.2	117.2#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 48.989 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampleId :

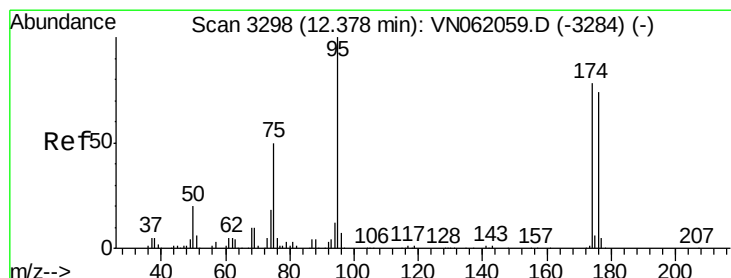
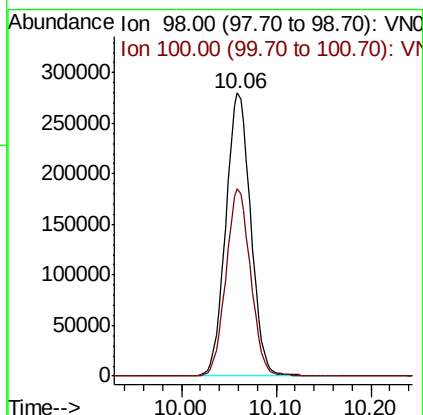
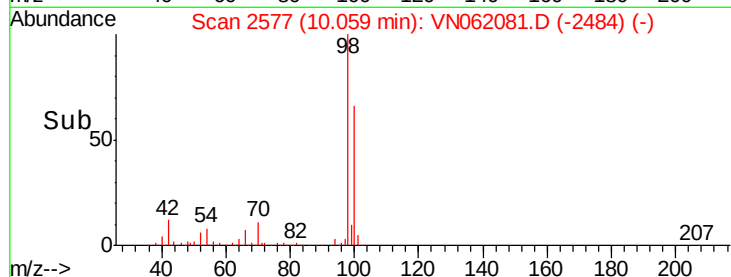
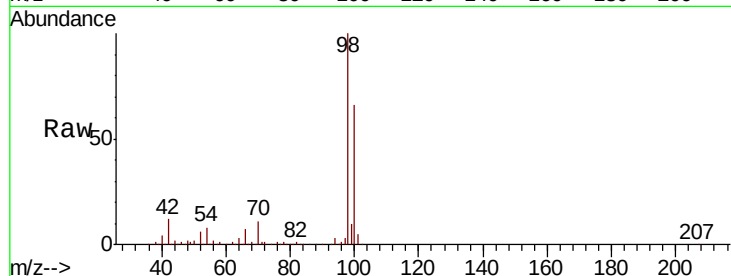
VN0624WBL02

Tot Ion: 98 Resp: 513548

Ion Ratio Lower Upper

98 100

100 65.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.824 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

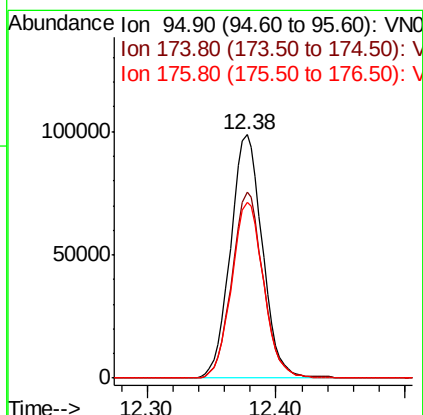
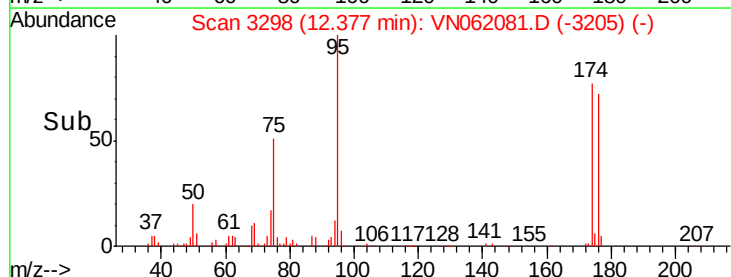
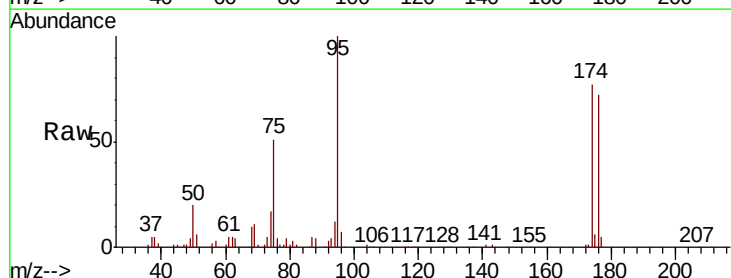
Tgt Ion: 95 Resp: 169380

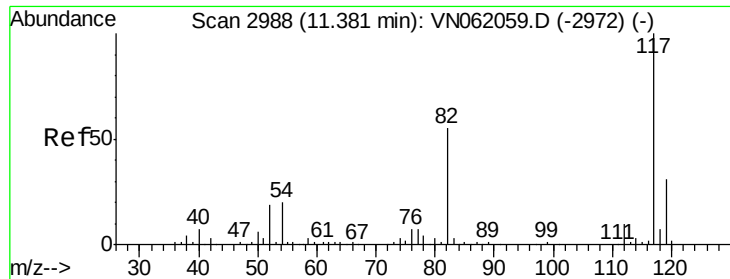
Ion Ratio Lower Upper

95 100

174 75.3 0.0 154.8

176 72.4 0.0 147.4

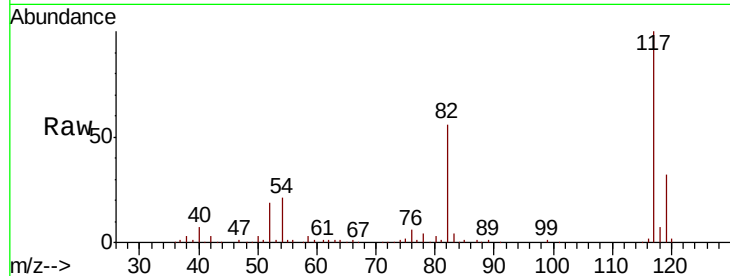




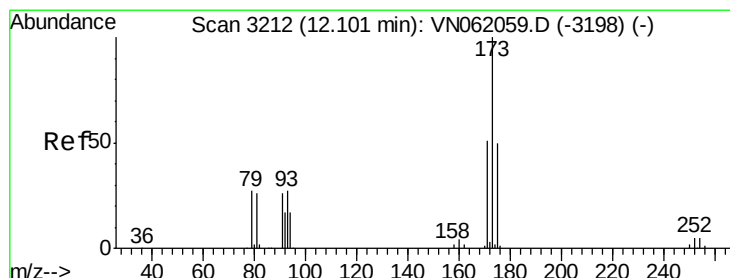
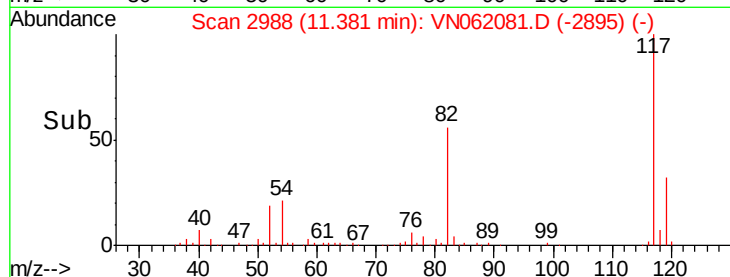
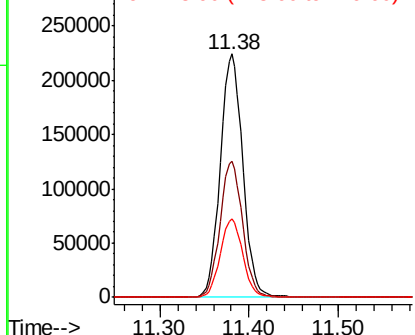
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062081.D
Acq: 24 Jun 2020 23:02

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL02

Tot Ion:117 Resp: 392784
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 32.2 25.2 37.8

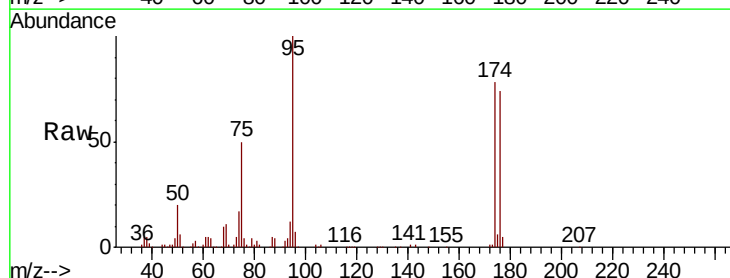


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

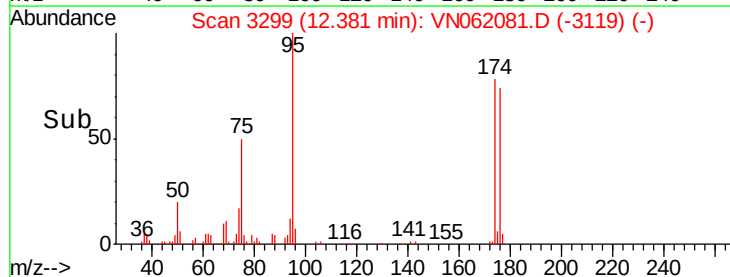
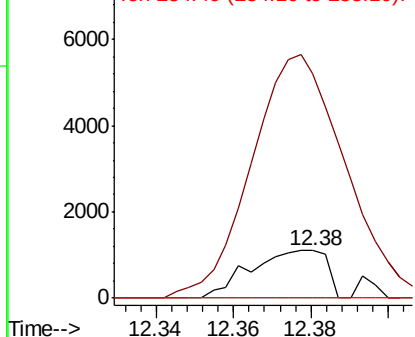


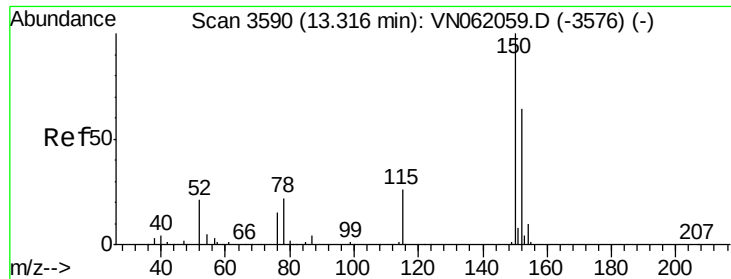
#71
Bromoform
Concen: 0.713 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN062081.D
Acq: 24 Jun 2020 23:02

Tgt Ion:173 Resp: 1512
Ion Ratio Lower Upper
173 100
175 528.2 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: VN062081.D

Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBL02

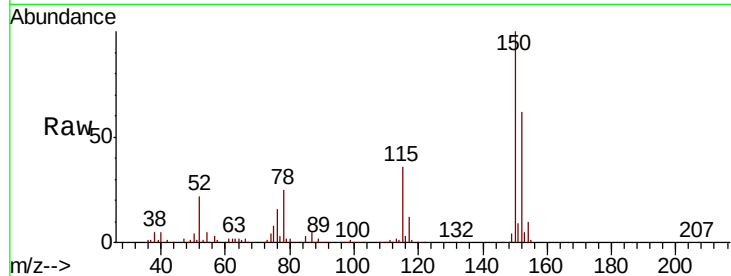
Tot Ion:152 Resp: 142407

Ion Ratio Lower Upper

152 100

115 59.6 29.5 88.5

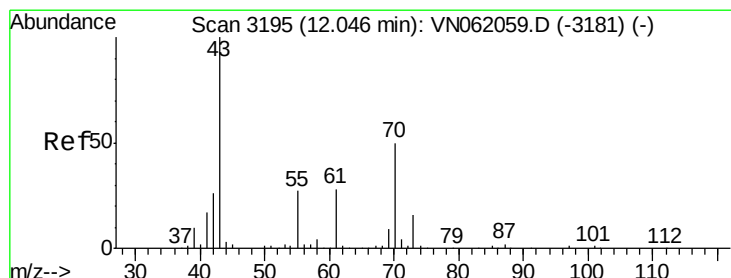
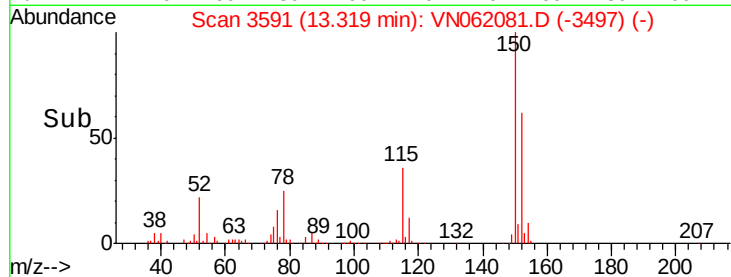
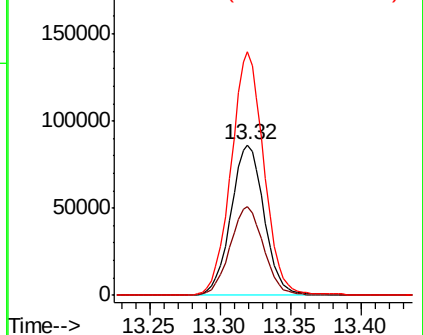
150 159.8 0.0 351.4



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



#74

N-ethyl acetate

Concen: 3.350 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.08 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

Tgt Ion: 43 Resp: 30

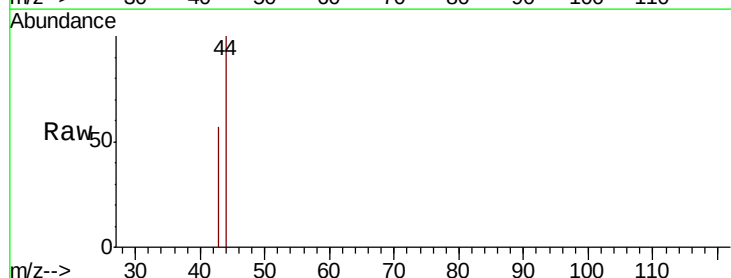
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

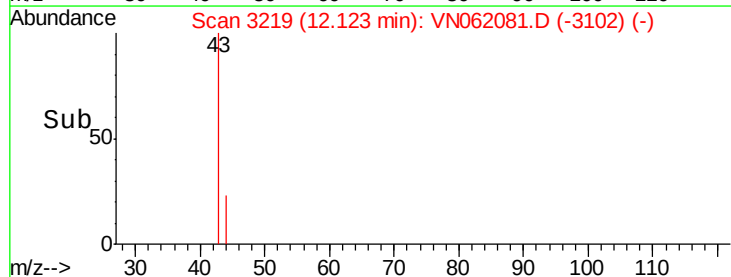
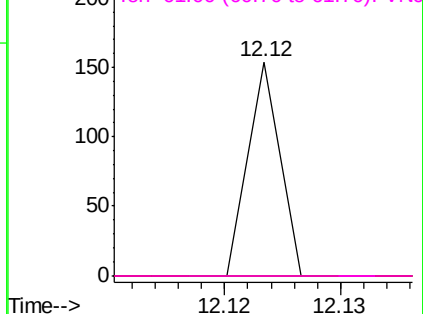


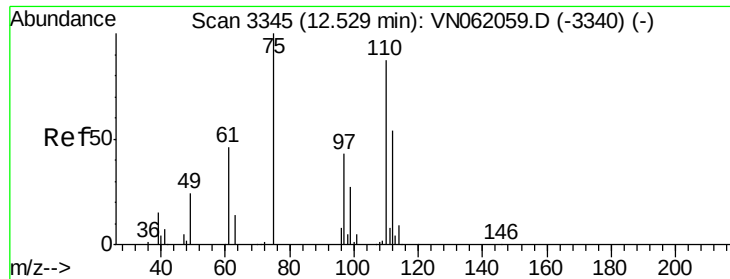
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 25.454 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampleId :

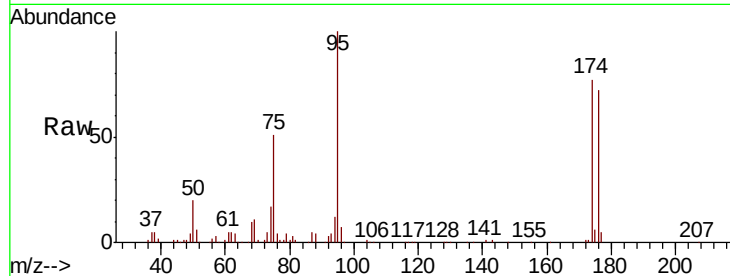
VN0624WBL02

Tot Ion: 75 Resp: 85330

Ion Ratio Lower Upper

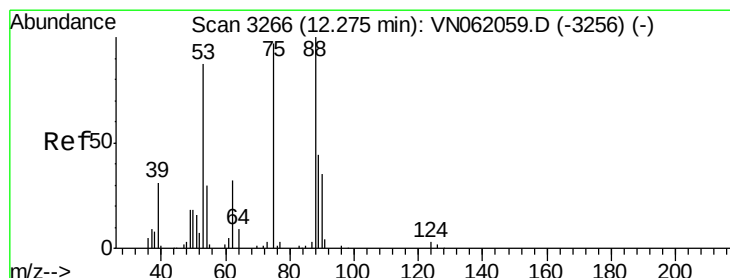
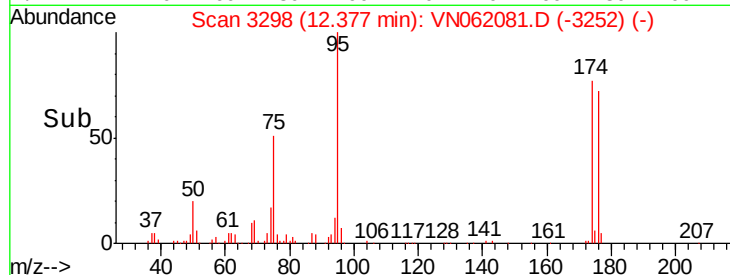
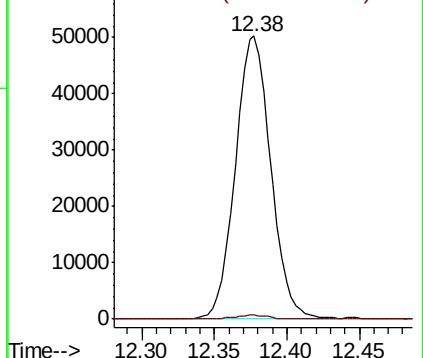
75 100

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: 74.334 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

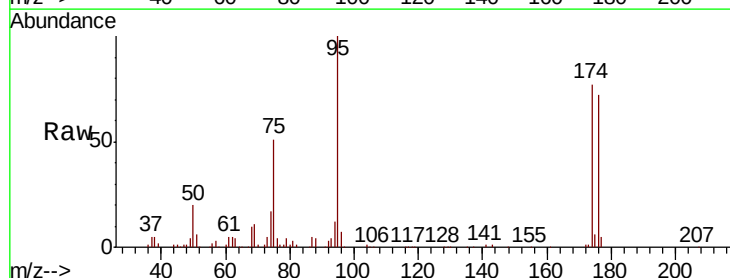
Tgt Ion: 75 Resp: 85330

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

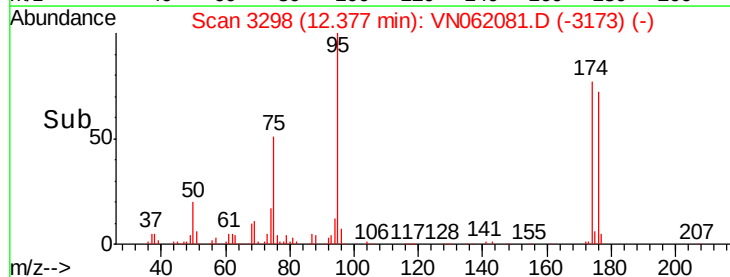
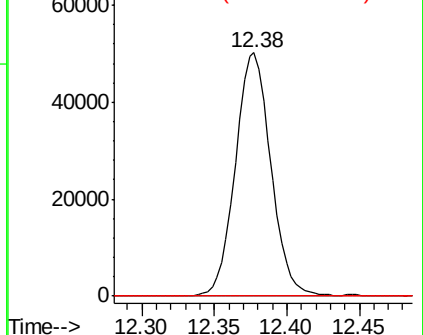
89 0.0 36.9 55.3#

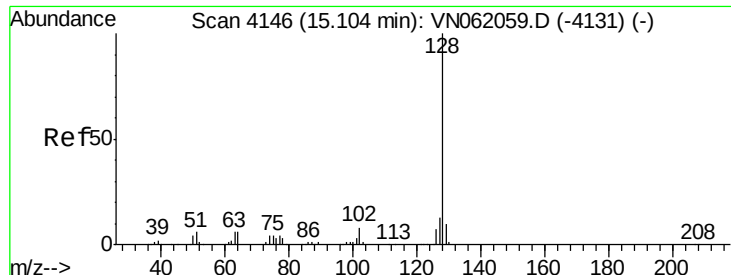


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 4.231 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062081.D

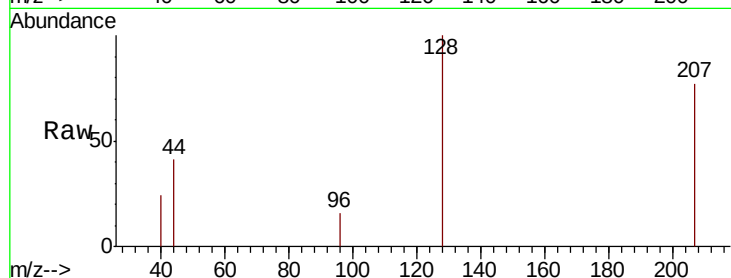
Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBL02



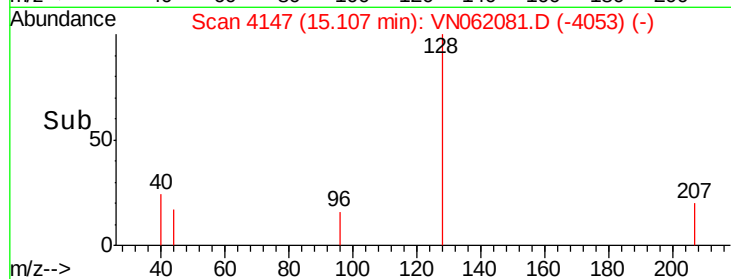
Tot Ion:128 Resp: 1742

Ion Ratio Lower Upper

128 100

127 1.7 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

