

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062302.D
 Acq On : 1 Jul 2020 19:19
 Operator : JC/MD
 Sample : L3155-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2020-29-6

Quant Time: Jul 02 06:56:20 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	194325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	384654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	368368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129347	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	156499	57.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	114.78%		
35) Dibromofluoromethane	7.55	113	124495	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.90%		
50) Toluene-d8	10.06	98	491764	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.70%		
62) 4-Bromofluorobenzene	12.38	95	157445	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.48%		

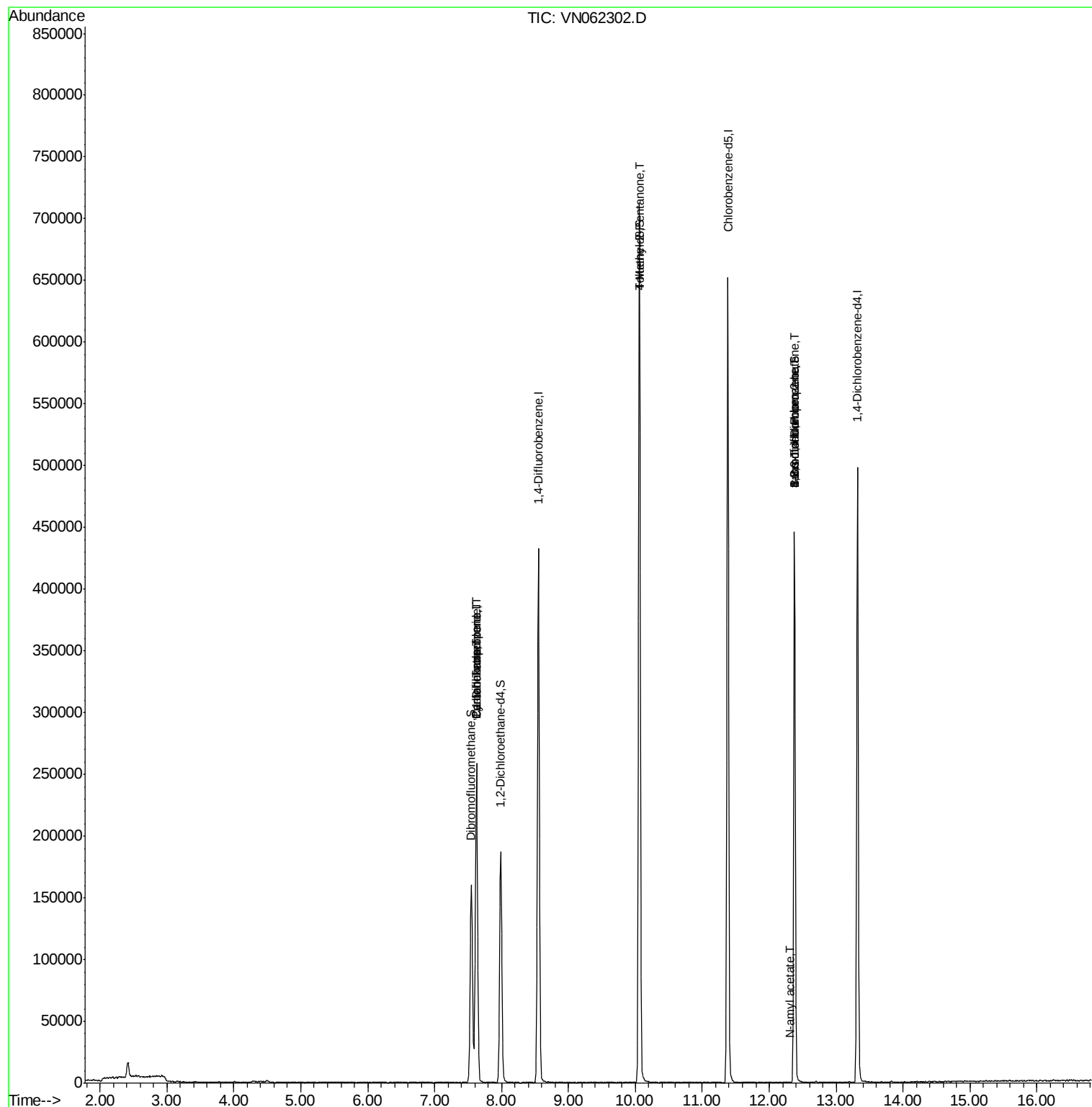
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	805	Below Cal		98
16) Acetone	3.78	43	200	Below Cal	#	40
31) Cyclohexane	7.63	56	4932	1.309	ug/l #	2
36) 1,1-Dichloropropene	7.63	75	17556	4.541	ug/l #	48
38) Carbon Tetrachloride	7.62	117	21130	5.797	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2320	0.761	ug/l #	1
71) Bromoform	12.38	173	1455	0.732	ug/l #	1
74) N-amyl acetate	12.30	43	60	3.358	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	81516	26.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	81516	78.181	ug/l #	13

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

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Quant Time: Jul 02 06:56:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
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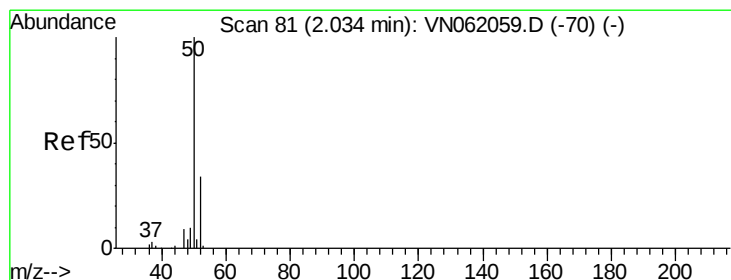
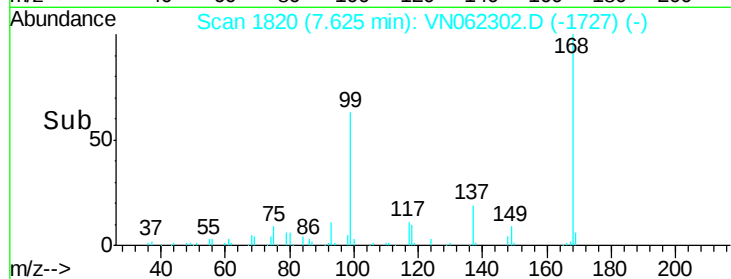
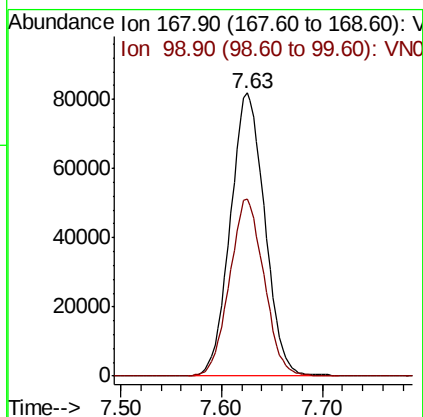
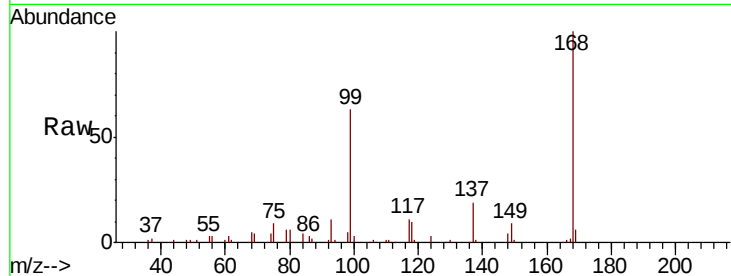




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN062302.D
Acq: 1 Jul 2020 19:19

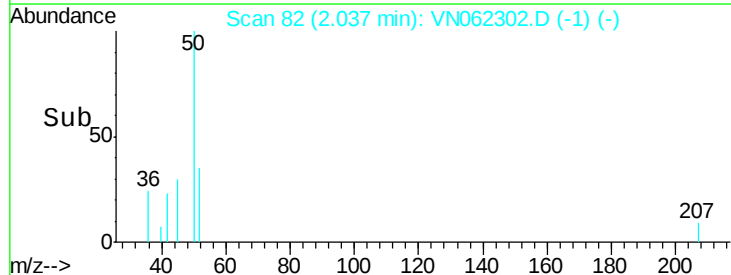
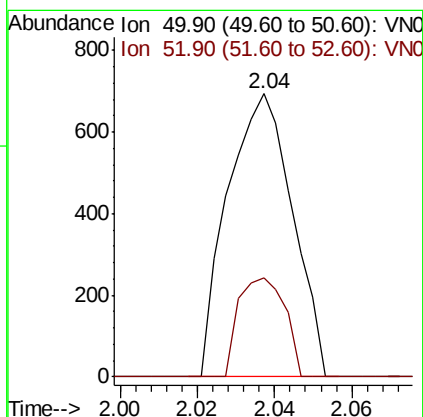
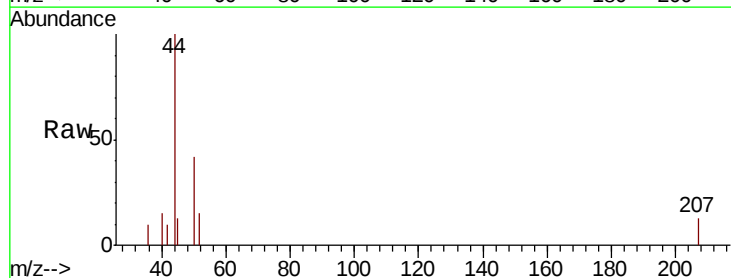
Instrument :
MSVOA_N
ClientSampleId :
TB-2020-29-6

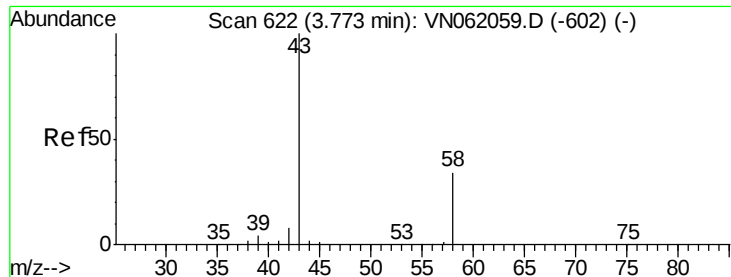
Tot Ion:168 Resp: 194325
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.8



#3
Chloromethane
Concen: Below Cal
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062302.D
Acq: 1 Jul 2020 19:19

Tgt Ion: 50 Resp: 805
Ion Ratio Lower Upper
50 100
52 34.8 27.0 40.6





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062302.D

Acq: 1 Jul 2020 19:19

Instrument :

MSVOA_N

ClientSampled :

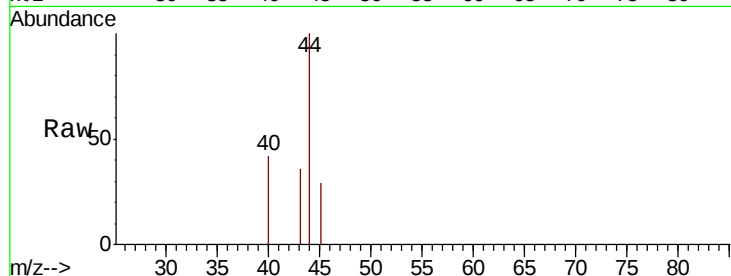
TB-2020-29-6

Tot Ion: 43 Resp: 200

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

300

250

200

150

100

50

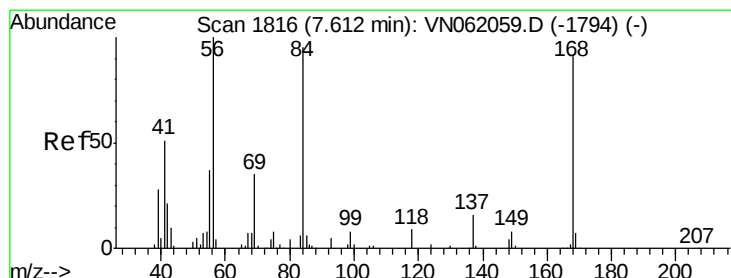
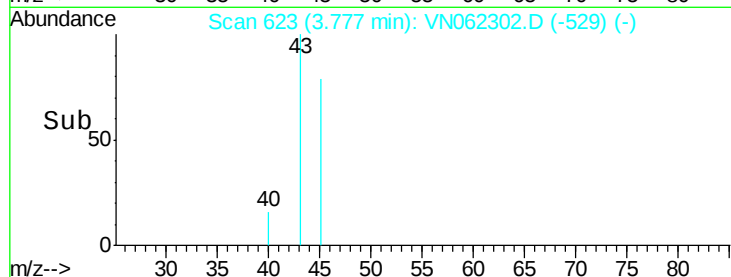
0

3.76

3.77

3.78

Time-->



#31

Cyclohexane

Concen: 1.309 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062302.D

Acq: 1 Jul 2020 19:19

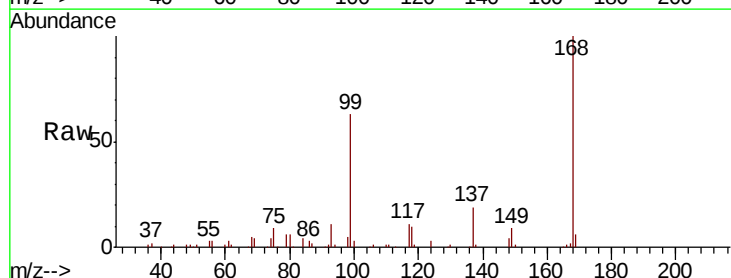
Tgt Ion: 56 Resp: 4932

Ion Ratio Lower Upper

56 100

69 157.8 28.0 42.0#

84 149.4 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

4000

3000

2000

1000

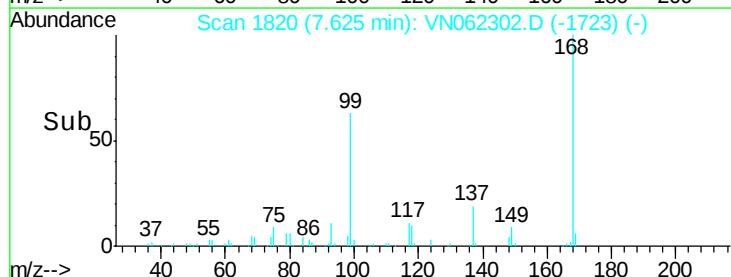
0

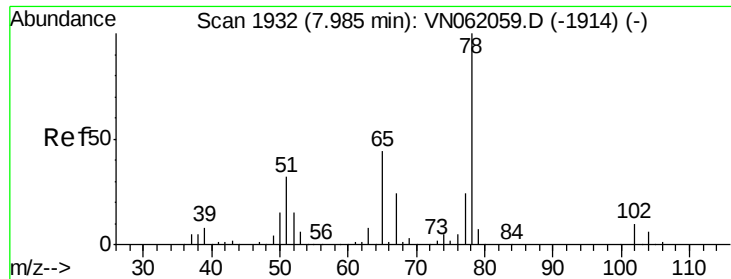
7.55

7.60

7.65

Time-->

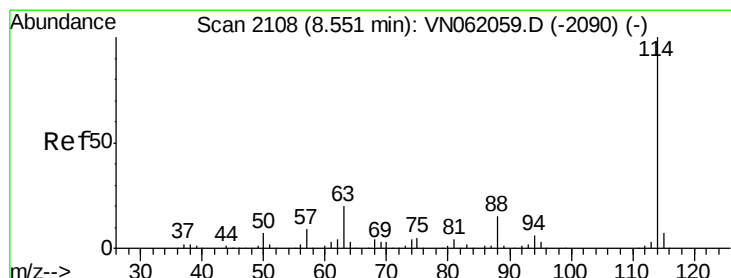
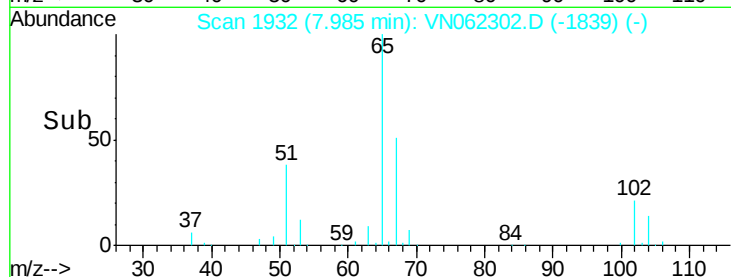
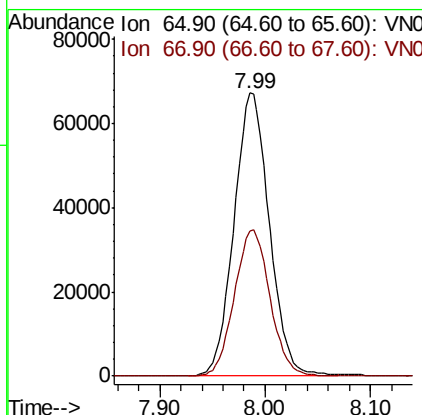
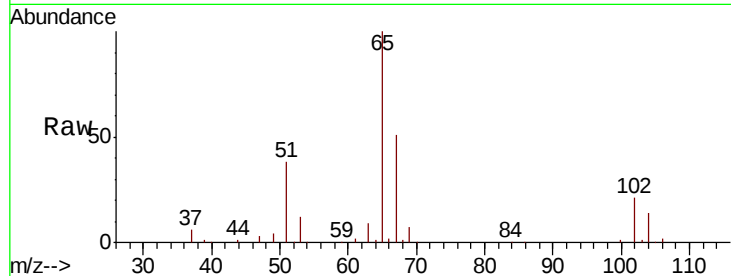




#33
 1,2-Dichloroethane-d4
 Concen: 57.388 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062302.D
 Acq: 1 Jul 2020 19:19

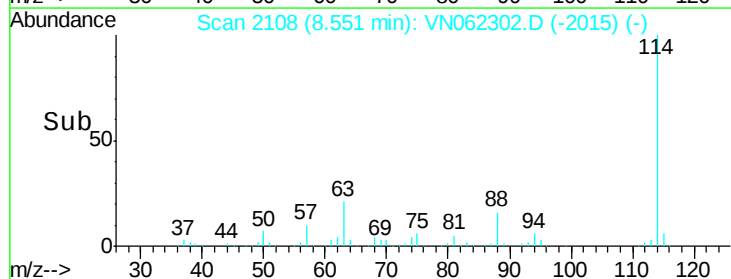
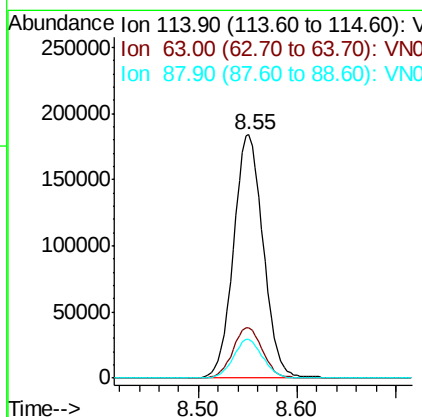
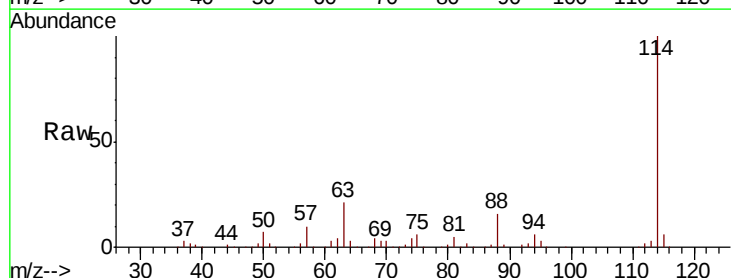
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2020-29-6

Tot Ion: 65 Resp: 156499
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062302.D
 Acq: 1 Jul 2020 19:19

Tgt Ion: 114 Resp: 384654
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 15.9 0.0 30.8

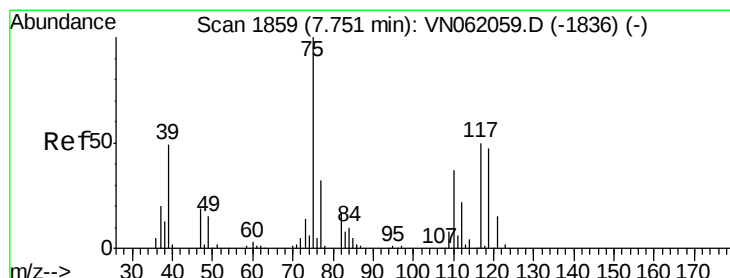
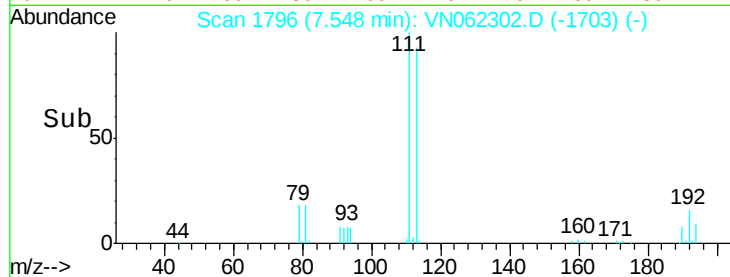
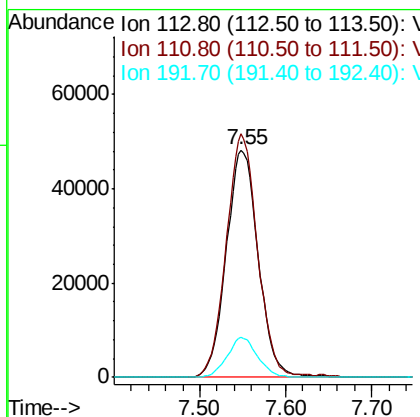
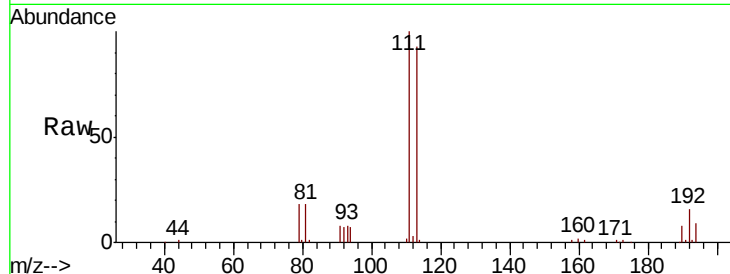




#35
 Dibromofluoromethane
 Concen: 50.449 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062302.D
 Acq: 1 Jul 2020 19:19

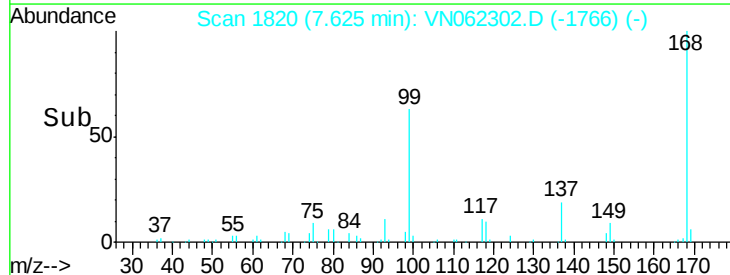
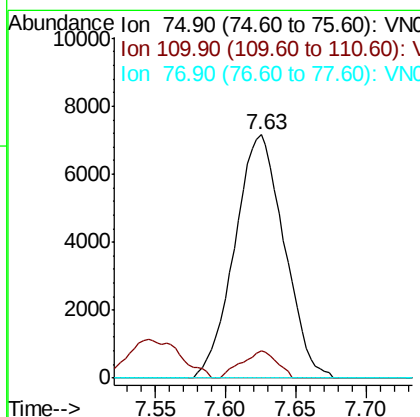
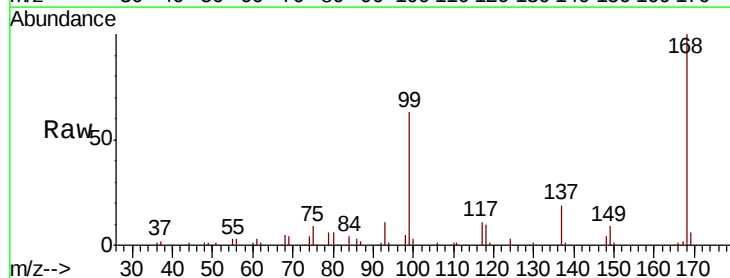
Instrument :
 MSVOA_N
 ClientSampled :
 TB-2020-29-6

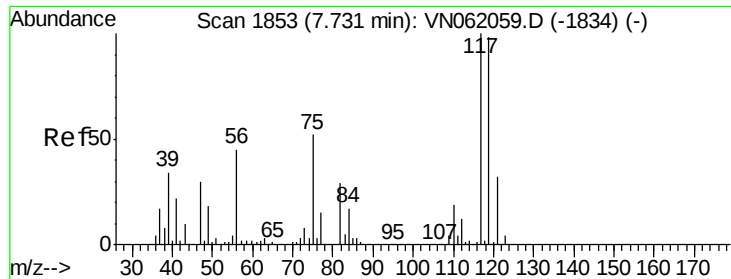
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	16.7	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 4.541 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062302.D
 Acq: 1 Jul 2020 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.9	53.8#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.797 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN062302.D

Acq: 1 Jul 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

TB-2020-29-6

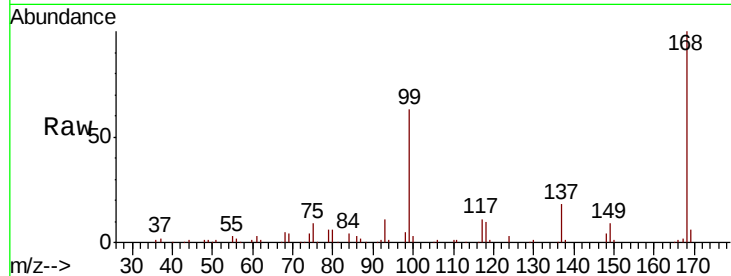
Tot Ion:117 Resp: 21130

Ion Ratio Lower Upper

117 100

119 6.4 78.2 117.2#

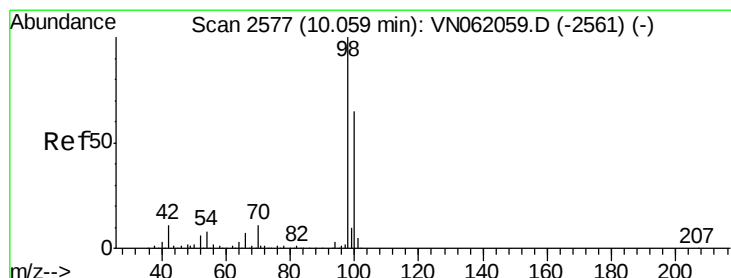
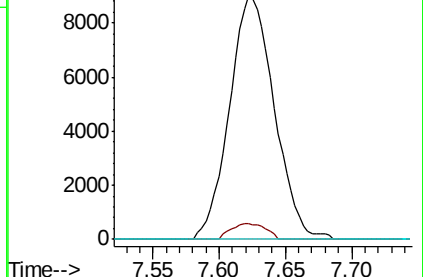
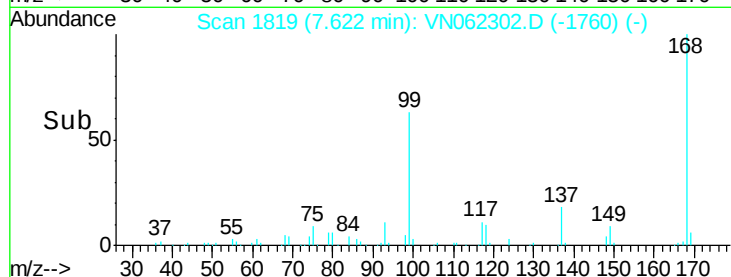
121 0.0 25.8 38.6#



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: 49.852 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062302.D

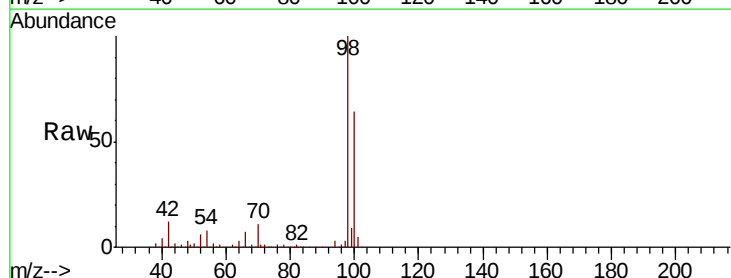
Acq: 1 Jul 2020 19:19

Tgt Ion: 98 Resp: 491764

Ion Ratio Lower Upper

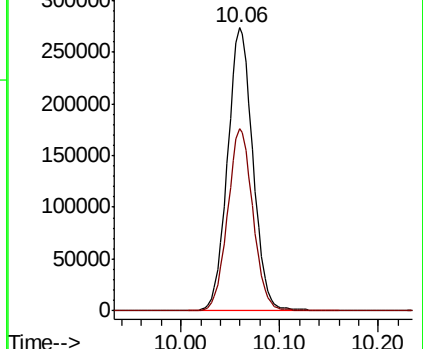
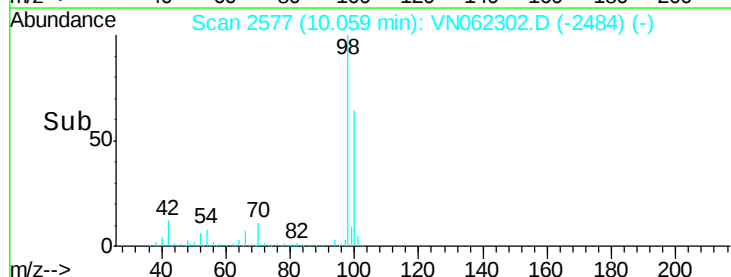
98 100

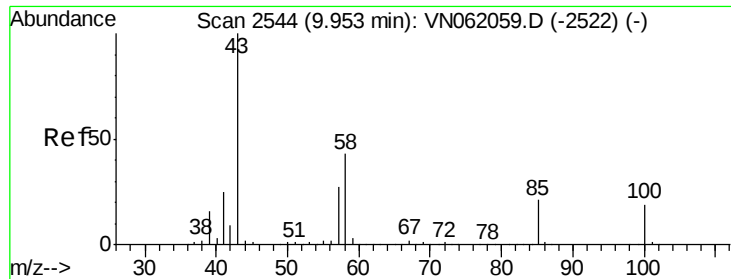
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

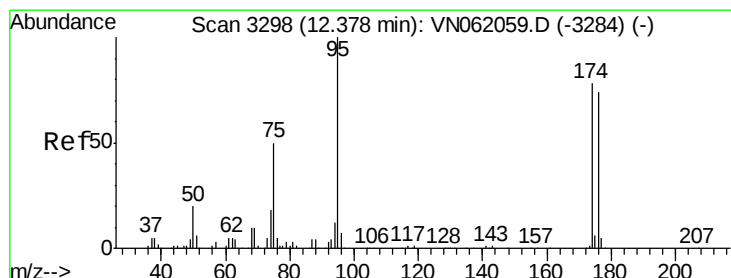
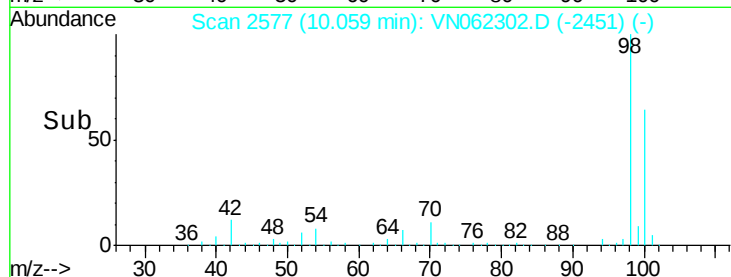
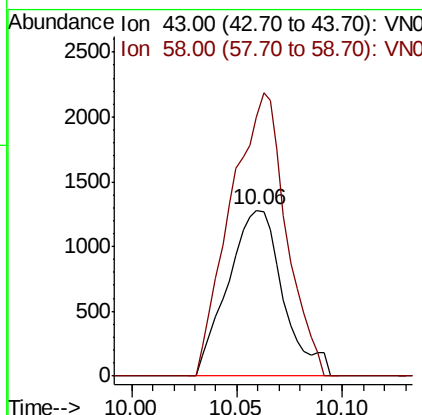
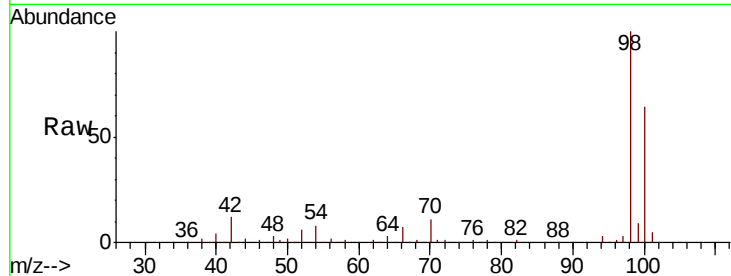




#51
4-Methyl-2-Pentanone
Concen: 0.761 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.11 min
Lab File: VN062302.D
Acq: 1 Jul 2020 19:19

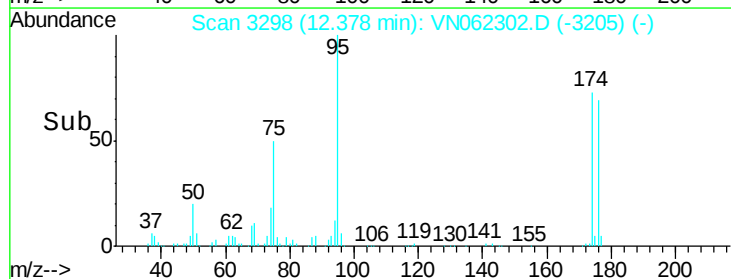
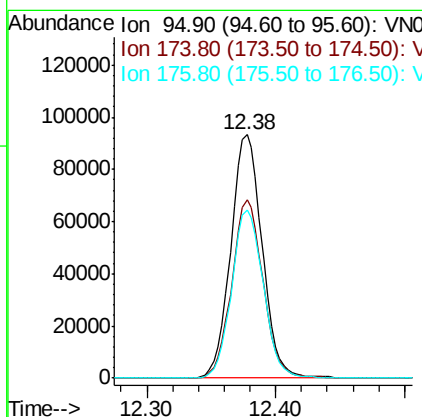
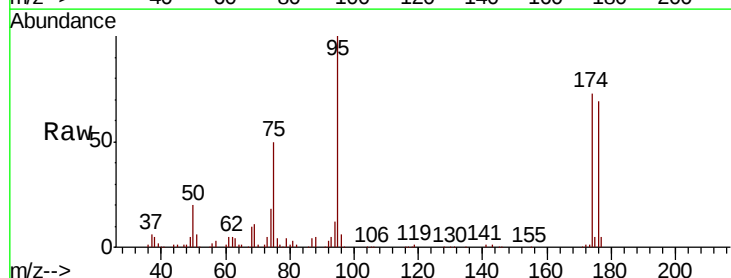
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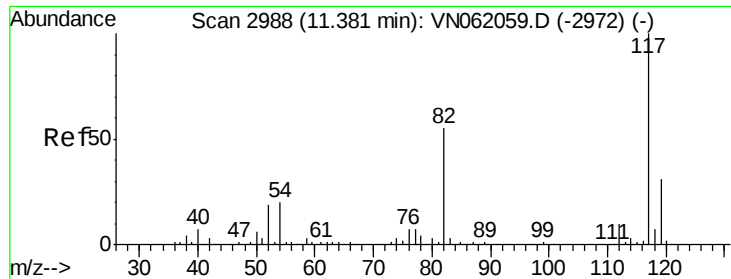
Tot Ion: 43 Resp: 2320
Ion Ratio Lower Upper
43 100
58 172.2 34.2 51.2#



#62
4-Bromofluorobenzene
Concen: 47.242 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062302.D
Acq: 1 Jul 2020 19:19

Tgt Ion: 95 Resp: 157445
Ion Ratio Lower Upper
95 100
174 73.1 0.0 154.8
176 69.9 0.0 147.4

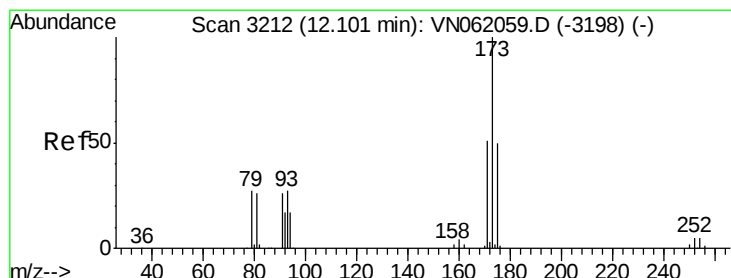
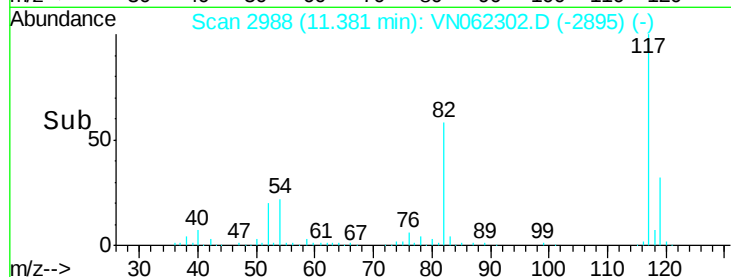
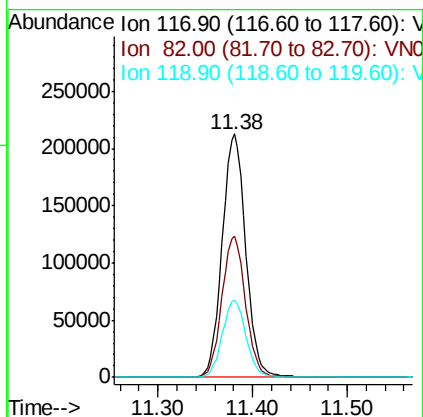
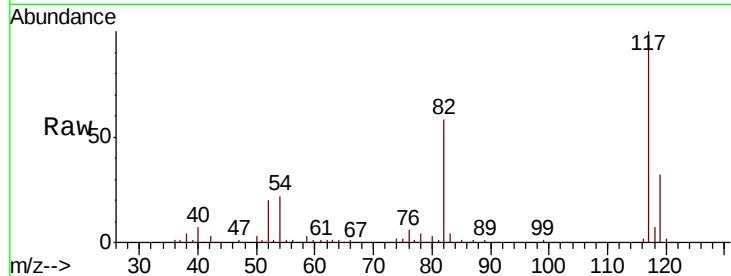




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062302.D
Acq: 1 Jul 2020 19:19

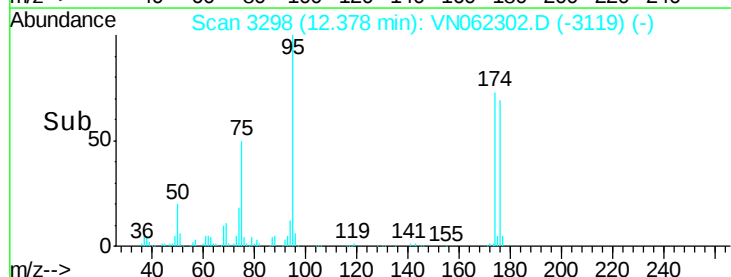
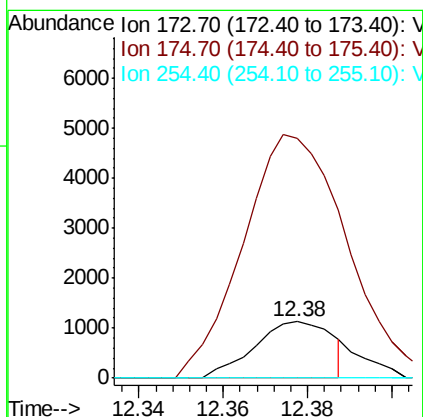
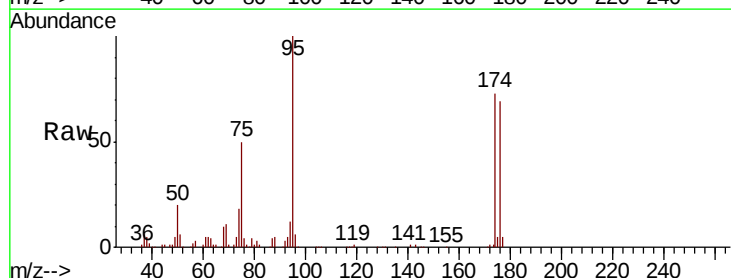
Instrument :
MSVOA_N
ClientSampled :
TB-2020-29-6

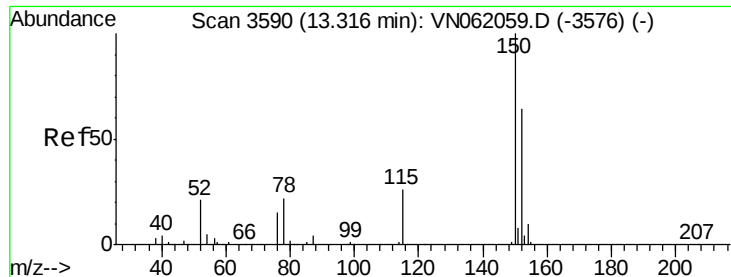
Tot Ion:117 Resp: 368368
Ion Ratio Lower Upper
117 100
82 58.0 43.8 65.8
119 31.9 25.2 37.8



#71
Bromoform
Concen: 0.732 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062302.D
Acq: 1 Jul 2020 19:19

Tgt Ion:173 Resp: 1455
Ion Ratio Lower Upper
173 100
175 483.2 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: VN062302.D

Acq: 1 Jul 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

TB-2020-29-6

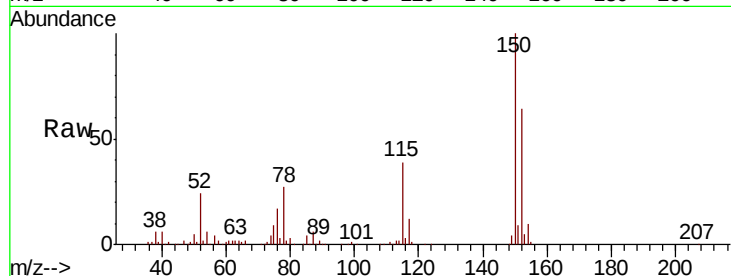
Tot Ion:152 Resp: 129347

Ion Ratio Lower Upper

152 100

115 61.3 29.5 88.5

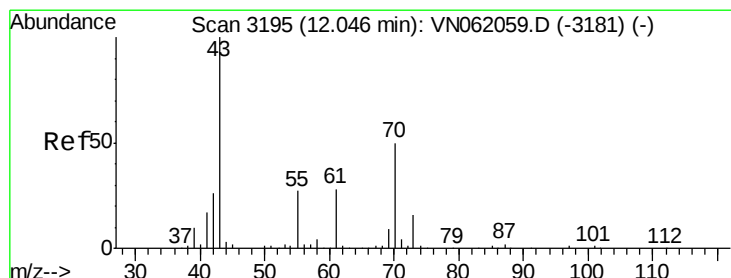
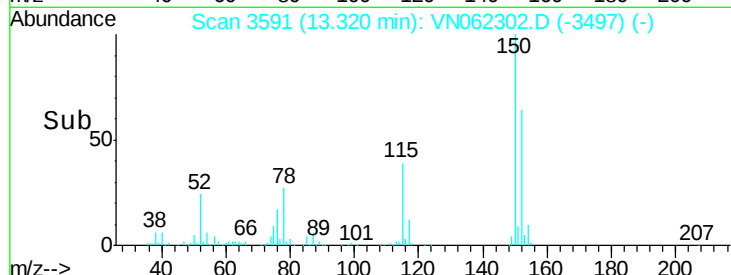
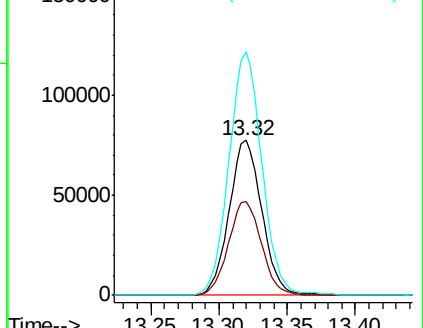
150 158.6 0.0 351.4



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: 3.358 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.26 min

Lab File: VN062302.D

Acq: 1 Jul 2020 19:19

Tgt Ion: 43 Resp: 60

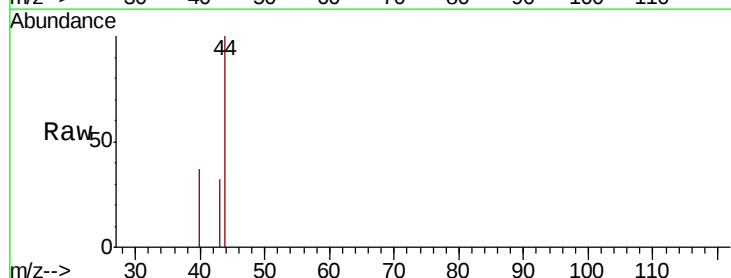
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

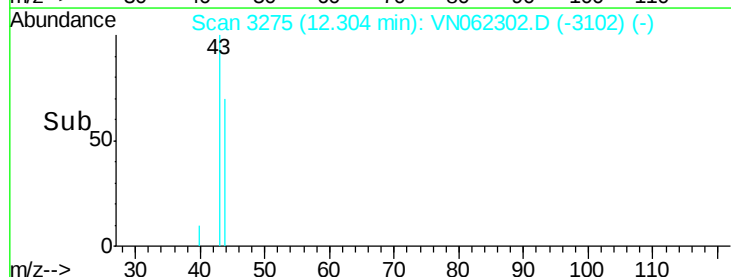
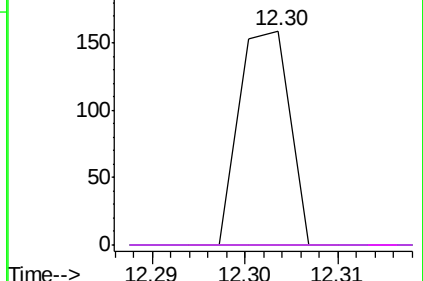


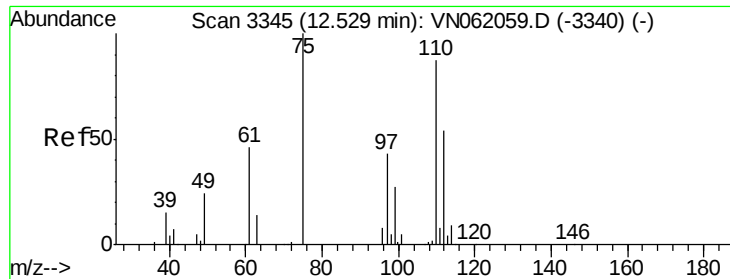
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

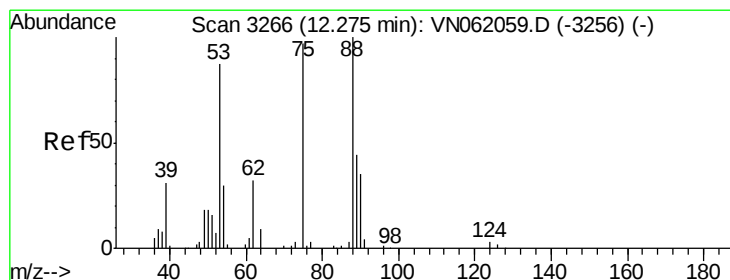
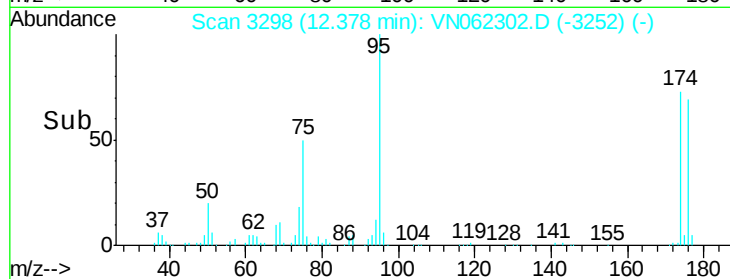
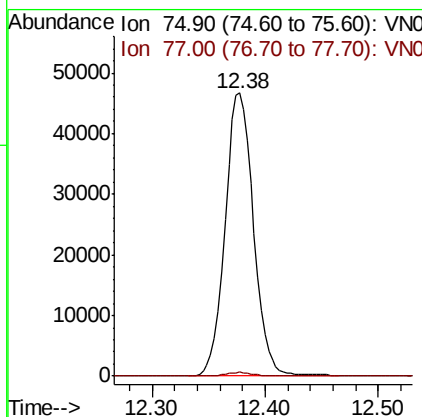
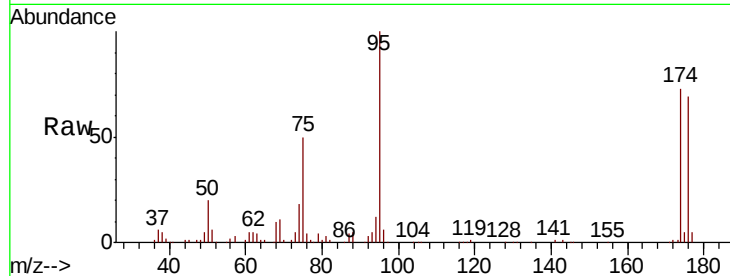




#76
 1,2,3-Trichloropropane
 Concen: 26.771 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062302.D
 Acq: 1 Jul 2020 19:19

Instrument :
 MSVOA_N
 ClientSampled :
 TB-2020-29-6

Tot Ion: 75 Resp: 81516
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.181 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062302.D
 Acq: 1 Jul 2020 19:19

Tgt Ion: 75 Resp: 81516
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.0 108.0#
 89 0.0 36.9 55.3#

