

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062118.D
 Acq On : 25 Jun 2020 18:05
 Operator : JC/MD
 Sample : L3071-04
 Misc : 10.62g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-B

Quant Time: Jun 26 01:50:25 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	7.62	168	243305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	491071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	253055	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	154646	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
35) Dibromofluoromethane	7.54	113	127395	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
50) Toluene-d8	10.06	98	661163	57.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.96%	
62) 4-Bromofluorobenzene	12.38	95	290162	75.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.62%	

Target Compounds					Qvalue
3) Chloromethane	2.03	50	223	Below Cal	# 41
11) Tert butyl alcohol	4.77	59	292	0.596 ug/l	# 72
13) Acrolein	3.48	56	8185	17.053 ug/l	# 1
14) Allyl chloride	4.35	41	20673	5.435 ug/l	# 62
15) Acrylonitrile	4.99	53	20603	15.423 ug/l	# 39
16) Acetone	3.72	43	151847	139.900 ug/l	# 50
18) Methyl Acetate	4.46	43	372301	137.166 ug/l	# 46
19) Methyl tert-butyl Ether	4.98	73	2741	0.307 ug/l	# 1
20) Methylene Chloride	4.62	84	50114	15.840 ug/l	# 12
23) Vinyl Acetate	5.86	43	11343	1.604 ug/l	# 68
25) 2-Butanone	6.75	43	12202	7.311 ug/l	# 44
28) Bromochloromethane	7.34	49	1848	0.764 ug/l	# 11
29) Tetrahydrofuran	7.17	42	1868	1.709 ug/l	# 28
30) Chloroform	7.27	83	93865	16.543 ug/l	# 18
31) Cyclohexane	7.59	56	755224	160.097 ug/l	# 50
36) 1,1-Dichloropropene	7.62	75	19928	4.458 ug/l	# 47
37) Ethyl Acetate	6.75	43	12202	3.297 ug/l	# 70
38) Carbon Tetrachloride	7.62	117	23401	5.553 ug/l	# 14
39) Methylcyclohexane	9.04	83	619986	126.595 ug/l	# 62
40) Benzene	8.00	78	86290	6.334 ug/l	# 95
41) Methacrylonitrile	7.16	41	17584	10.248 ug/l	# 31
42) 1,2-Dichloroethane	8.11	62	1673	0.363 ug/l	# 1
43) Isopropyl Acetate	8.11	43	154224	25.561 ug/l	# 59
45) 1,2-Dichloropropane	9.10	63	5524	1.644 ug/l	# 1
47) Bromodichloromethane	9.35	83	251255	54.607 ug/l	# 26
48) Methyl methacrylate	9.18	41	283313	104.727 ug/l	# 25
51) 4-Methyl-2-Pentanone	9.99	43	924565	262.279 ug/l	# 75
52) Toluene	10.12	92	491172	59.089 ug/l	# 100
55) 1,1,2-Trichloroethane	10.50	97	237710	72.749 ug/l	# 27
56) Ethyl methacrylate	10.40	69	11246	2.579 ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.63	63	24554	28.476 ug/l	# 46
59) 2-Hexanone	10.69	43	329483	129.439 ug/l	# 27
60) Dibromochloromethane	10.80	129	2107	0.609 ug/l	# 91
61) 1,2-Dibromoethane	10.95	107	1496	0.446 ug/l	# 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

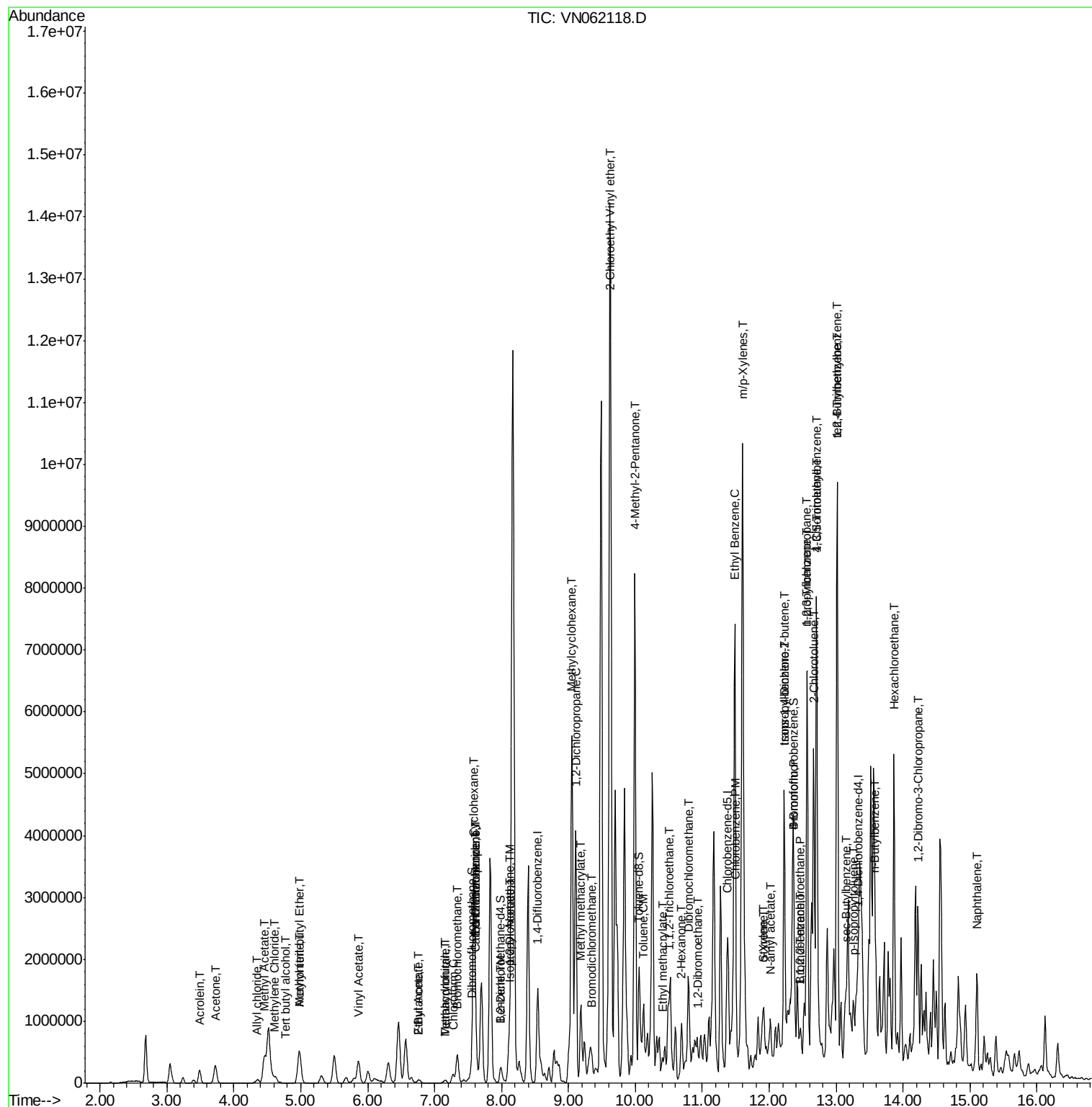
65) Chlorobenzene	11.51	112	5758	0.534	ug/l #	42
67) Ethyl Benzene	11.48	91	4755167	261.089	ug/l #	86
68) m/p-Xylenes	11.60	106	2674738	379.696	ug/l	90
69) o-Xylene	11.92	106	160244	24.110	ug/l	96
70) Styrene	11.92	104	8806	0.794	ug/l #	1
71) Bromoform	12.38	173	1569	0.592	ug/l #	1
73) Isopropylbenzene	12.22	105	2890735	147.573	ug/l	99
74) N-amyl acetate	12.02	43	187072	27.552	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.45	83	31432	4.822	ug/l #	1
76) 1,2,3-Trichloropropane	12.57	75	32157	5.398	ug/l #	100
77) Bromobenzene	12.46	156	1965	0.404	ug/l #	1
78) n-propylbenzene	12.57	91	4703033	209.897	ug/l	93
79) 2-Chlorotoluene	12.66	91	348545	25.731	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	2878752	181.288	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.22	75	34320	16.825	ug/l #	59
82) 4-Chlorotoluene	12.71	91	310974	22.200	ug/l #	44
83) tert-Butylbenzene	13.01	119	669178	49.241	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.01	105	4730330	298.265	ug/l	89
85) sec-Butylbenzene	13.15	105	455560	25.369	ug/l #	54
86) p-Isopropyltoluene	13.26	119	134953	8.578	ug/l	97
89) n-Butylbenzene	13.59	91	1230020	94.040	ug/l #	72
90) Hexachloroethane	13.86	117	235889	76.421	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.22	75	9730	9.318	ug/l #	3
95) Naphthalene	15.10	128	1221018	97.136	ug/l	100

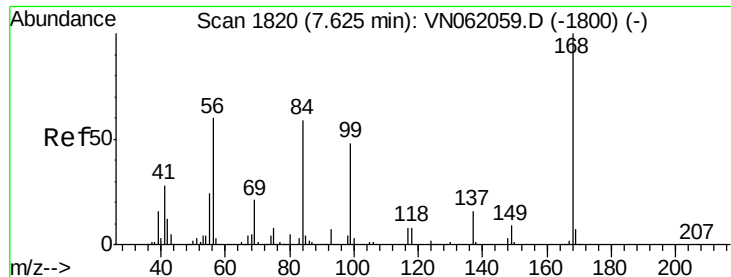
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

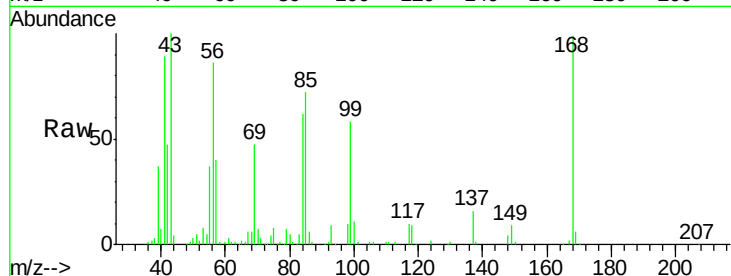
SB-B

Tgt Ion:168 Resp: 243305

Ion Ratio Lower Upper

168 100

99 58.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

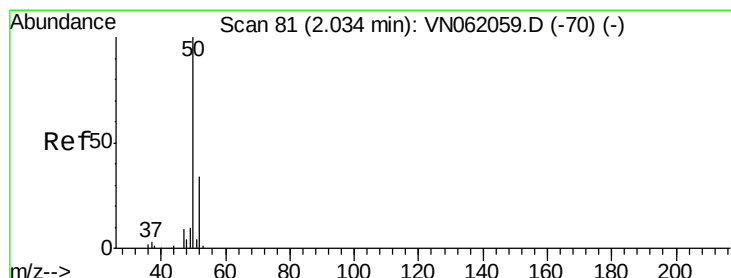
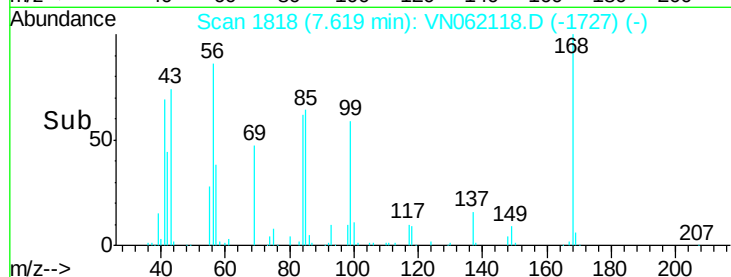
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 79

Delta R.T. -0.01 min

Lab File: VN062118.D

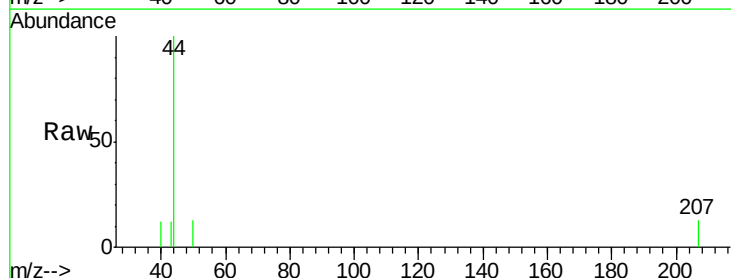
Acq: 25 Jun 2020 18:05

Tgt Ion: 50 Resp: 223

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

250

200

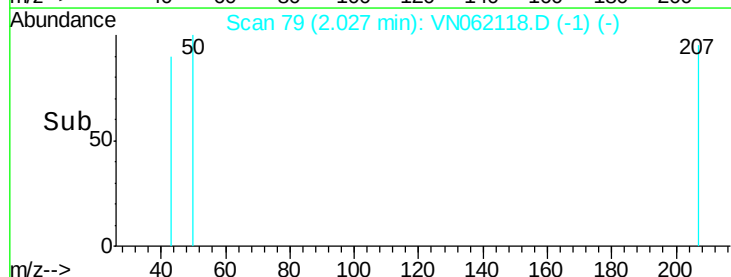
150

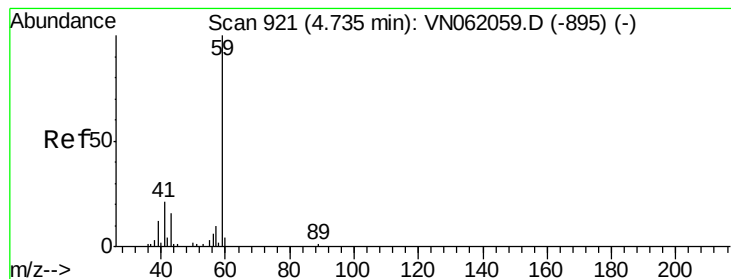
100

50

0

Time--> 2.02 2.04





#11

Tert butyl alcohol

Concen: 0.596 ug/l

RT: 4.77 min Scan# 932

Delta R.T. 0.04 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

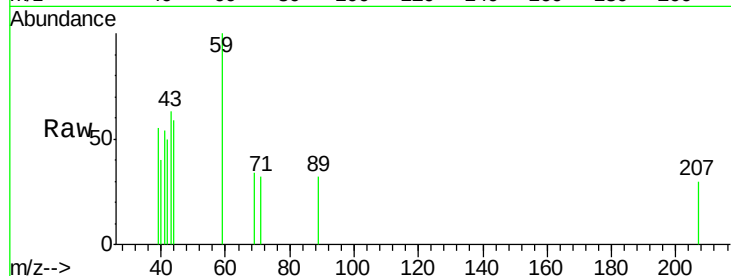
SB-B

Tgt Ion: 59 Resp: 292

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.77

600

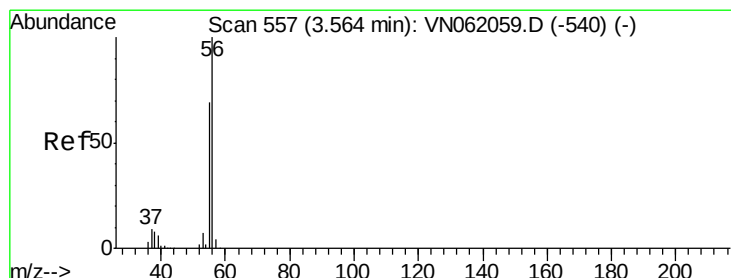
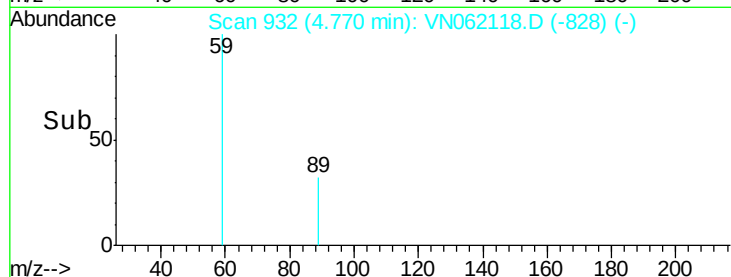
400

200

0

4.76 4.78 4.80

Time-->



#13

Acrolein

Concen: 17.053 ug/l

RT: 3.48 min Scan# 532

Delta R.T. -0.08 min

Lab File: VN062118.D

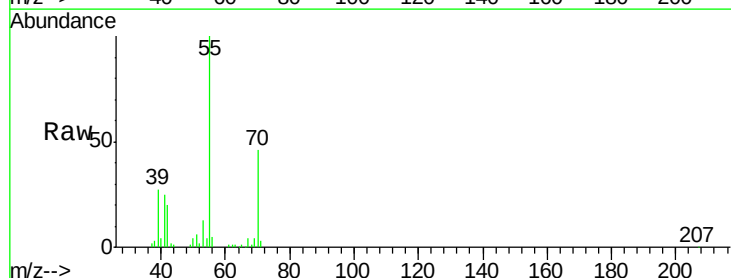
Acq: 25 Jun 2020 18:05

Tgt Ion: 56 Resp: 8185

Ion Ratio Lower Upper

56 100

55 2233.6 55.5 83.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

80000

60000

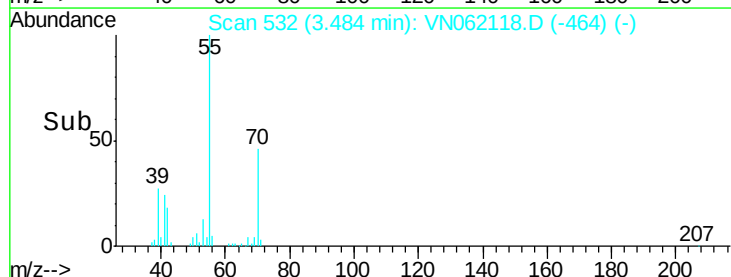
40000

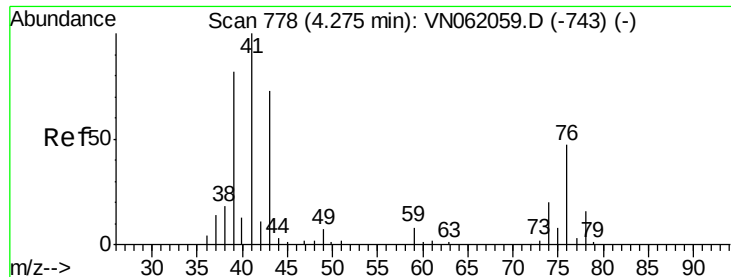
20000

0

3.40 3.45 3.50 3.55

Time-->





#14

Allyl chloride

Concen: 5.435 ug/l

RT: 4.35 min Scan# 800

Delta R.T. 0.07 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-B

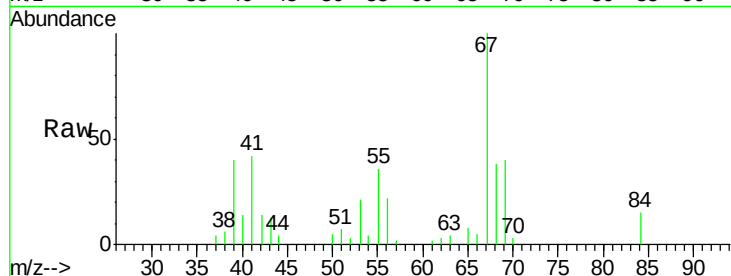
Tgt Ion: 41 Resp: 20673

Ion Ratio Lower Upper

41 100

39 92.8 60.0 90.0#

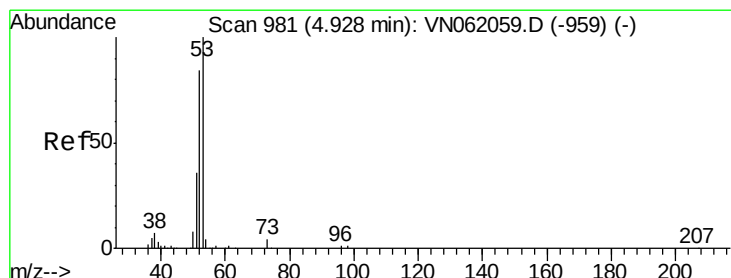
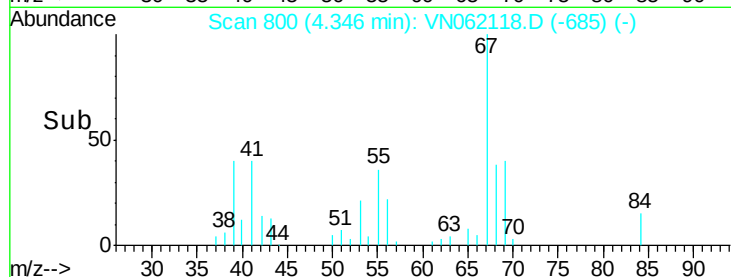
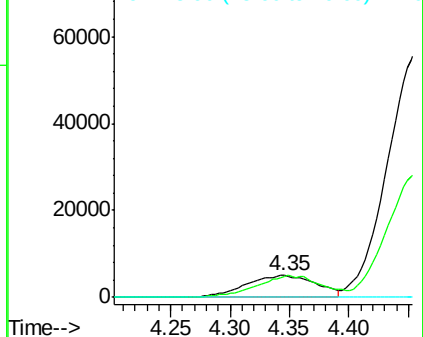
76 0.0 34.1 51.1#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#15

Acrylonitrile

Concen: 15.423 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.06 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

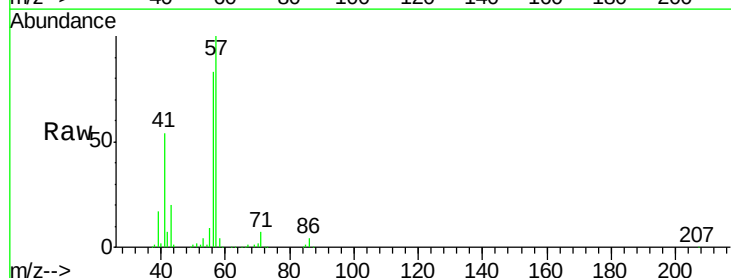
Tgt Ion: 53 Resp: 20603

Ion Ratio Lower Upper

53 100

52 19.3 66.2 99.4#

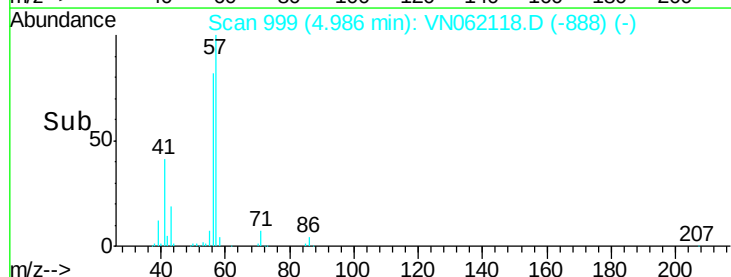
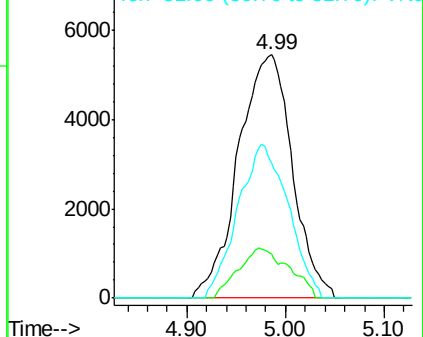
51 59.1 28.9 43.3#

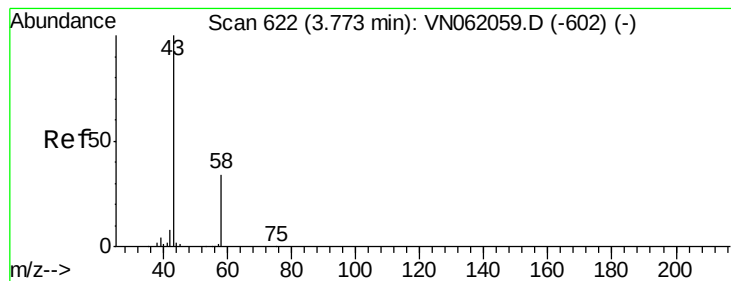


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 139.900 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.05 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

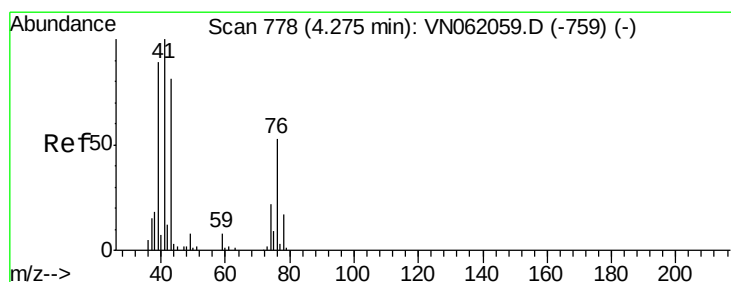
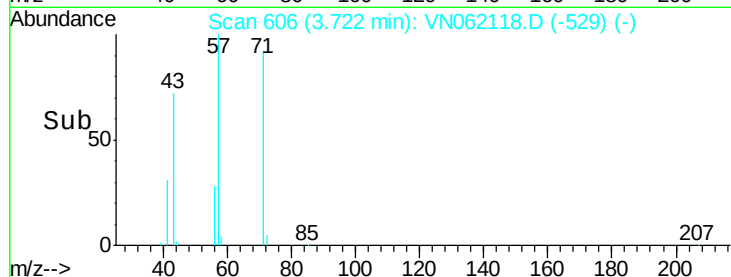
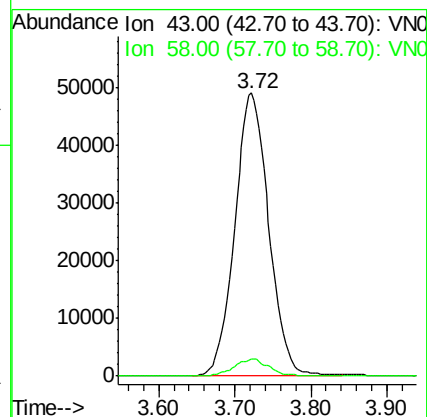
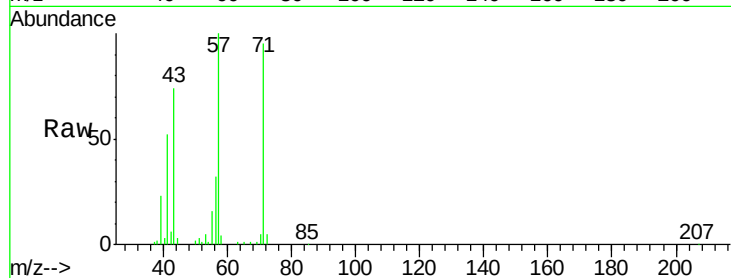
SB-B

Tgt Ion: 43 Resp: 151847

Ion Ratio Lower Upper

43 100

58 5.8 27.5 41.3#



#18

Methyl Acetate

Concen: 137.166 ug/l

RT: 4.46 min Scan# 836

Delta R.T. 0.19 min

Lab File: VN062118.D

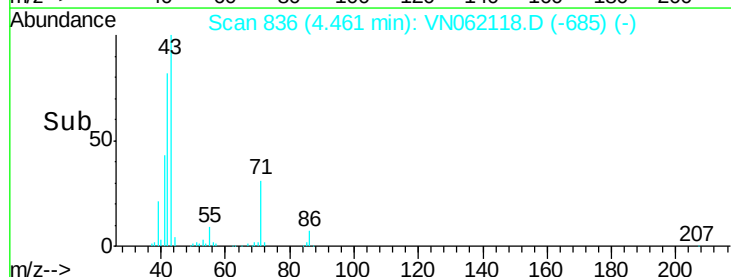
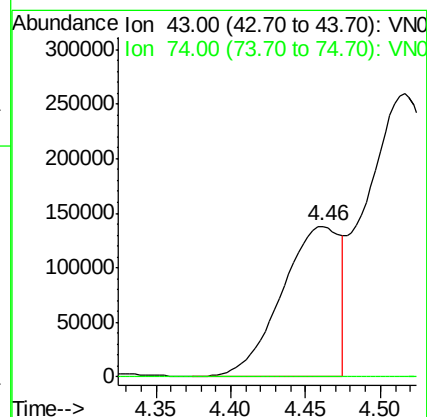
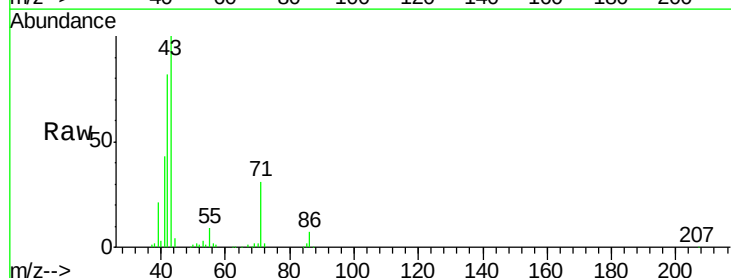
Acq: 25 Jun 2020 18:05

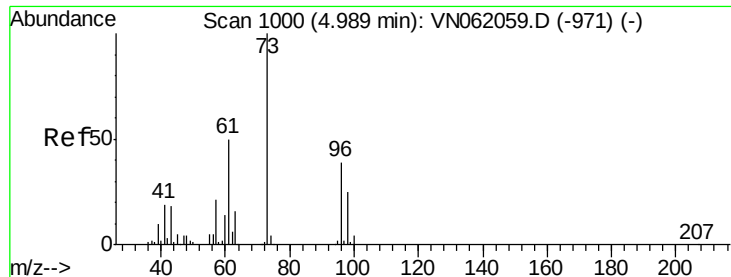
Tgt Ion: 43 Resp: 372301

Ion Ratio Lower Upper

43 100

74 0.0 22.9 34.3#

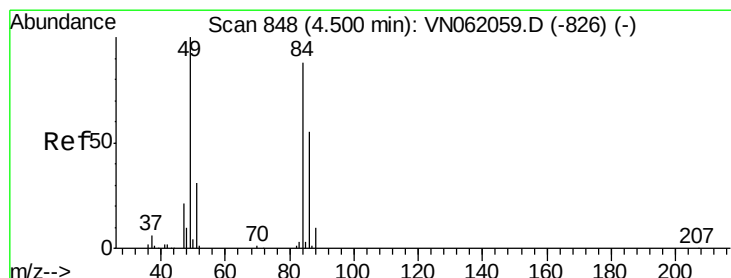
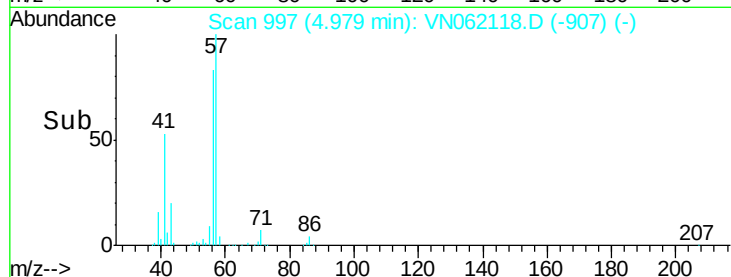
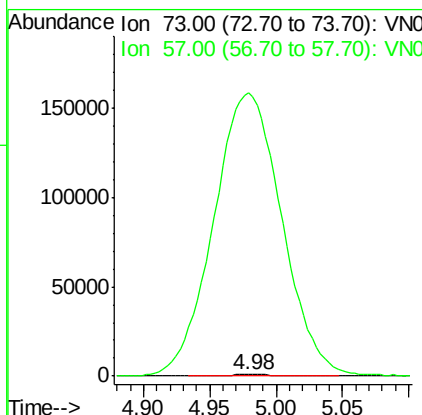
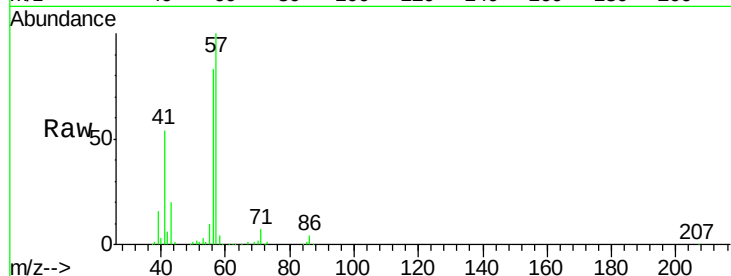




#19
Methyl tert-butyl Ether
Concen: 0.307 ug/l
RT: 4.98 min Scan# 997
Delta R.T. -0.01 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

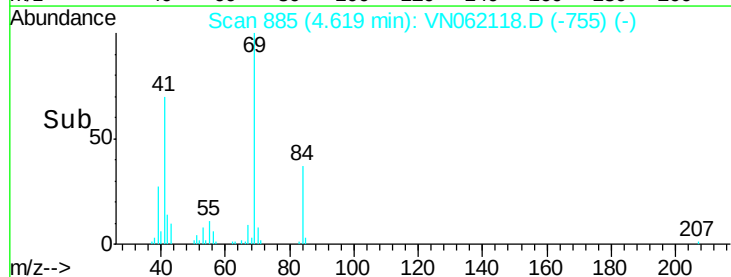
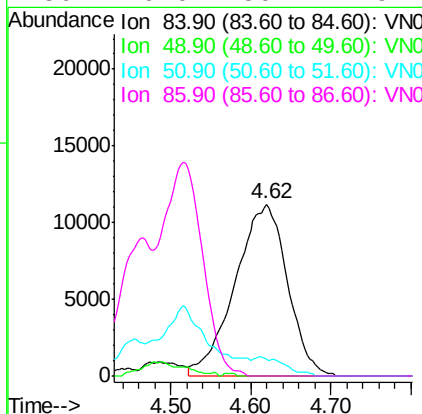
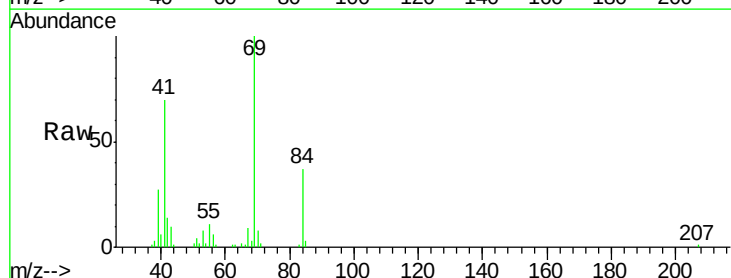
Instrument :
MSVOA_N
ClientSampled :
SB-B

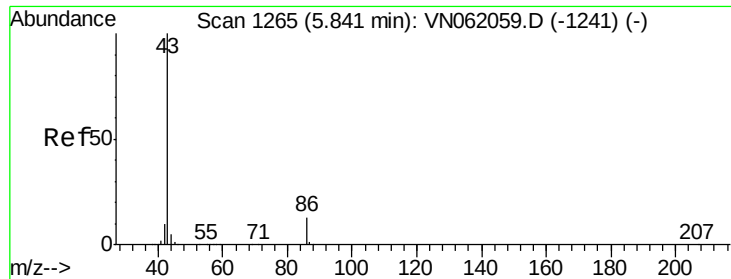
Tgt Ion: 73 Resp: 2741
Ion Ratio Lower Upper
73 100
57 18596.0 16.6 24.8#



#20
Methylene Chloride
Concen: 15.840 ug/l
RT: 4.62 min Scan# 885
Delta R.T. 0.12 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion: 84 Resp: 50114
Ion Ratio Lower Upper
84 100
49 0.0 90.6 136.0#
51 9.6 27.8 41.8#
86 0.0 50.1 75.1#

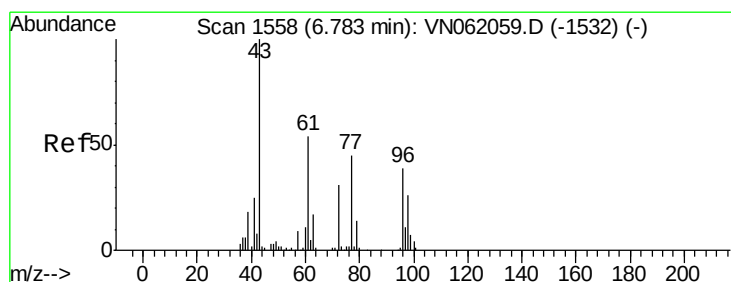
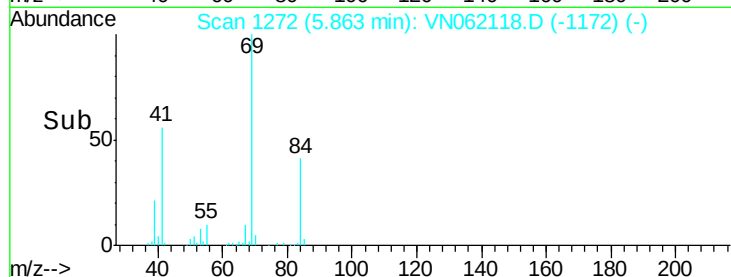
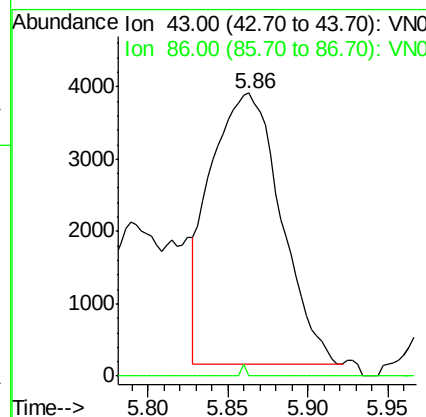
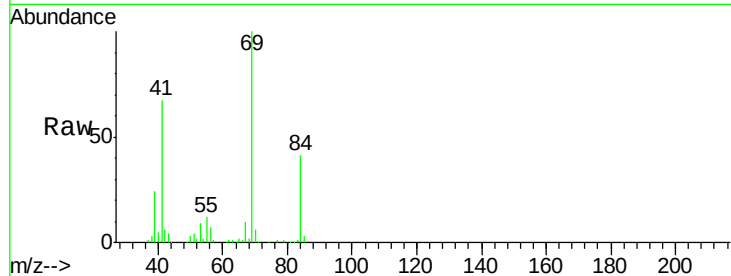




#23
 Vinyl Acetate
 Concen: 1.604 ug/l
 RT: 5.86 min Scan# 1272
 Delta R.T. 0.02 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

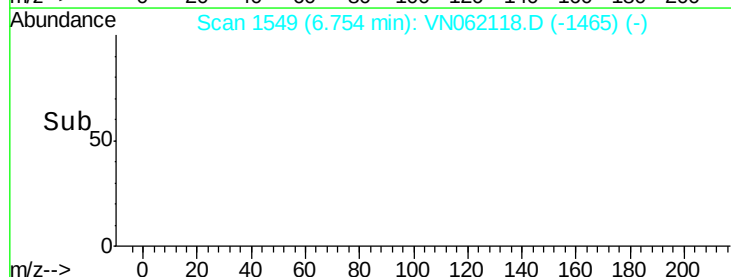
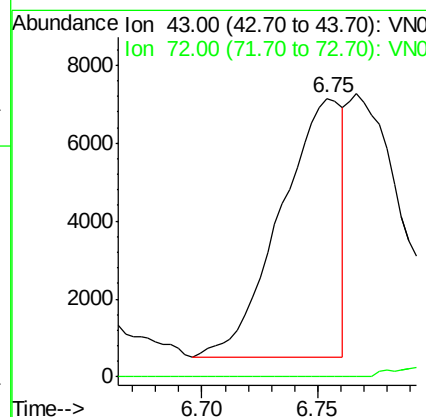
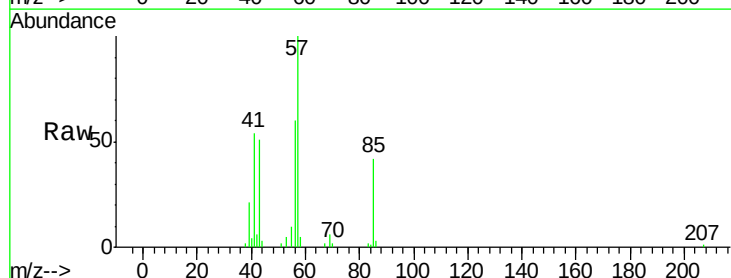
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-B

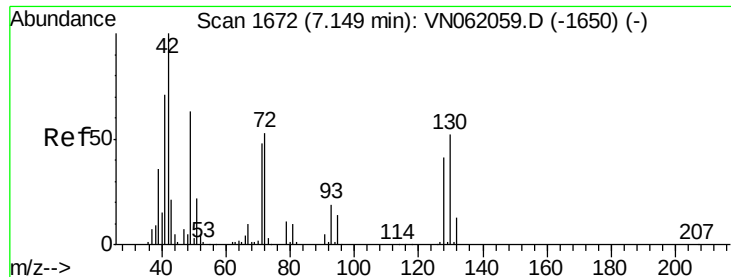
Tgt Ion: 43 Resp: 11343
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.1 15.1#



#25
 2-Butanone
 Concen: 7.311 ug/l
 RT: 6.75 min Scan# 1549
 Delta R.T. -0.03 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

Tgt Ion: 43 Resp: 12202
 Ion Ratio Lower Upper
 43 100
 72 0.0 24.8 37.2#





#28

Bromochloromethane

Concen: 0.764 ug/l

RT: 7.34 min Scan# 1731

Delta R.T. 0.19 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-B

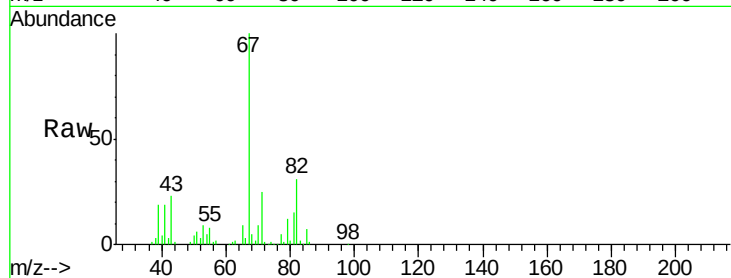
Tgt Ion: 49 Resp: 1848

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

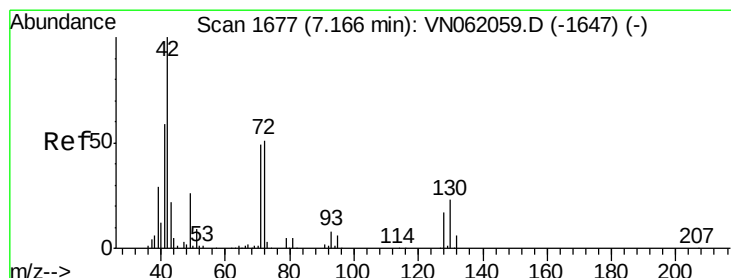
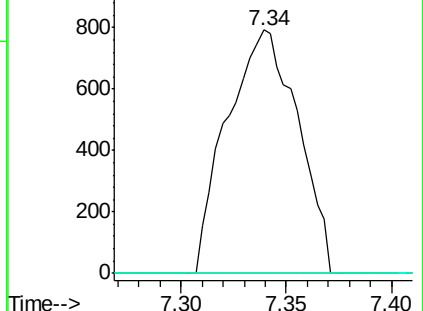
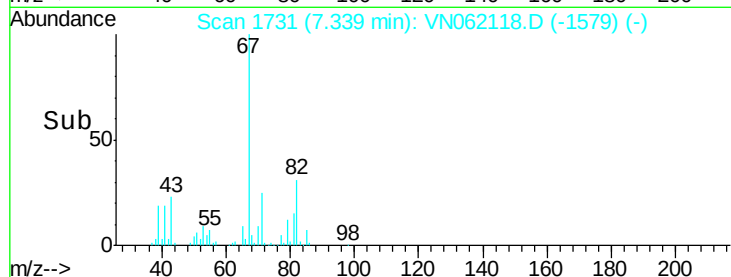
130 0.0 65.5 98.3#



Abundance Ion 48.90 (48.60 to 49.60): VN062118.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062118.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062118.D (-1579) (-)



#29

Tetrahydrofuran

Concen: 1.709 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

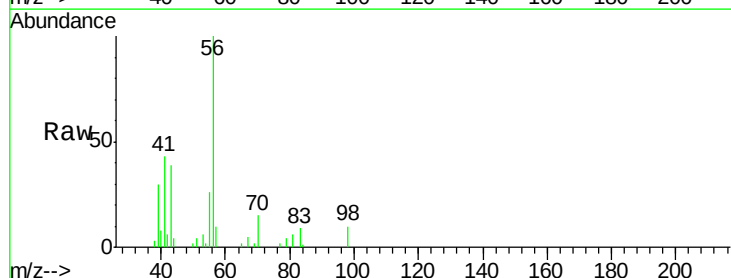
Tgt Ion: 42 Resp: 1868

Ion Ratio Lower Upper

42 100

72 0.0 41.1 61.7#

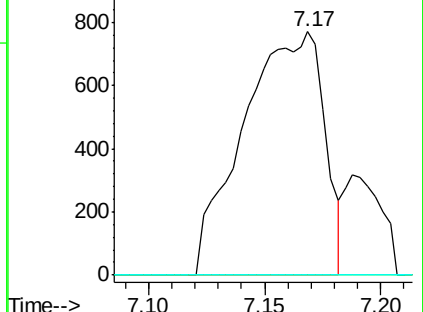
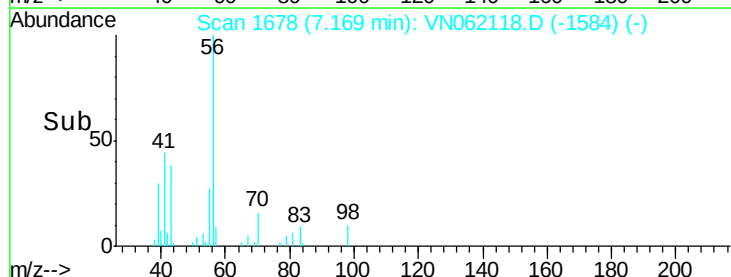
71 0.0 38.2 57.4#

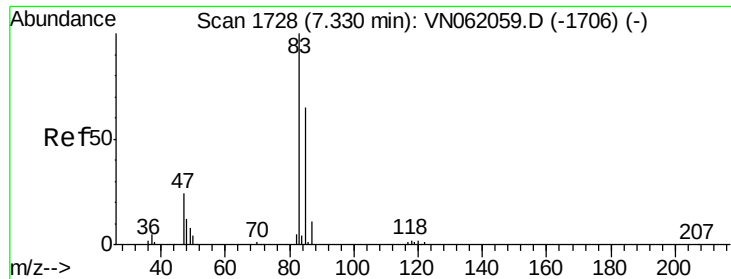


Abundance Ion 42.00 (41.70 to 42.70): VN062118.D (-1584) (-)

Ion 72.00 (71.70 to 72.70): VN062118.D (-1584) (-)

Ion 71.00 (70.70 to 71.70): VN062118.D (-1584) (-)

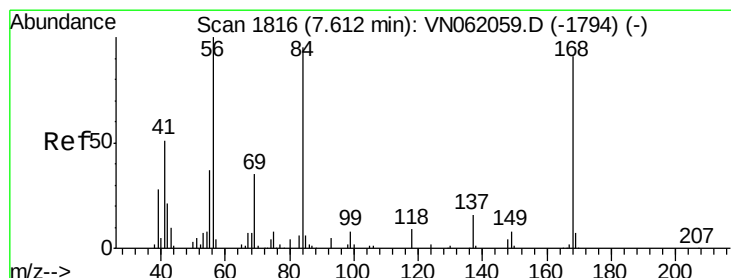
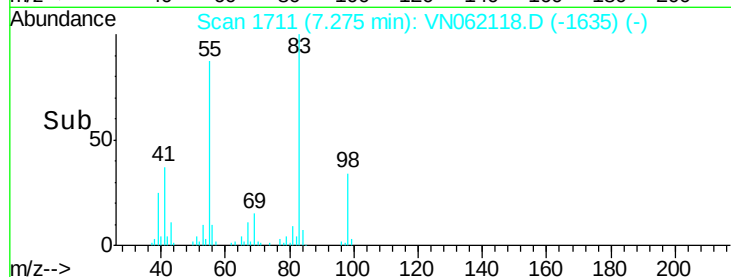
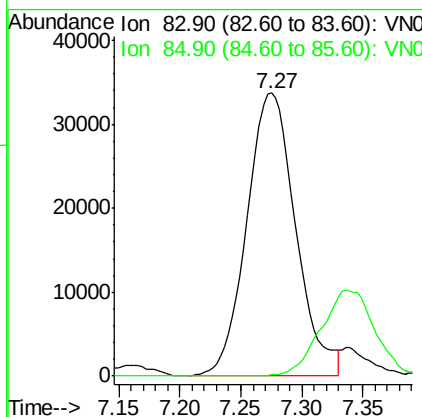
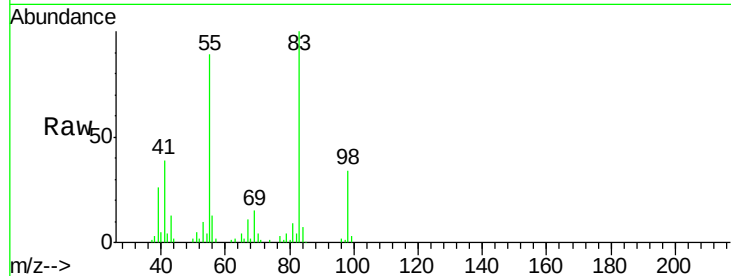




#30
Chloroform
Concen: 16.543 ug/l
RT: 7.27 min Scan# 1711
Delta R.T. -0.05 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

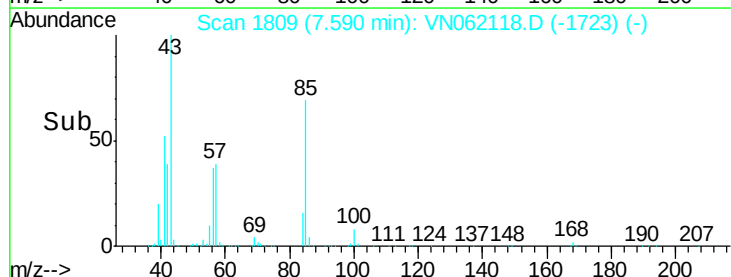
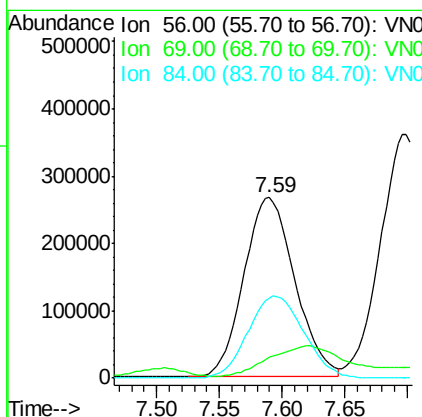
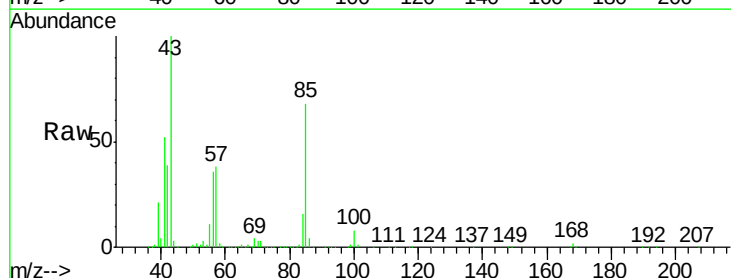
Instrument :
MSVOA_N
ClientSampled :
SB-B

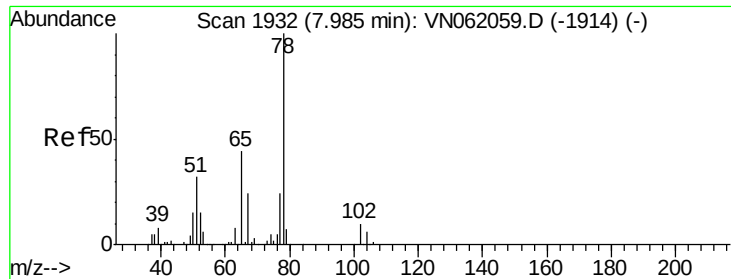
Tgt Ion: 83 Resp: 93865
Ion Ratio Lower Upper
83 100
85 0.5 52.3 78.5#



#31
Cyclohexane
Concen: 160.097 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.02 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion: 56 Resp: 755224
Ion Ratio Lower Upper
56 100
69 8.3 28.0 42.0#
84 44.8 76.1 114.1#

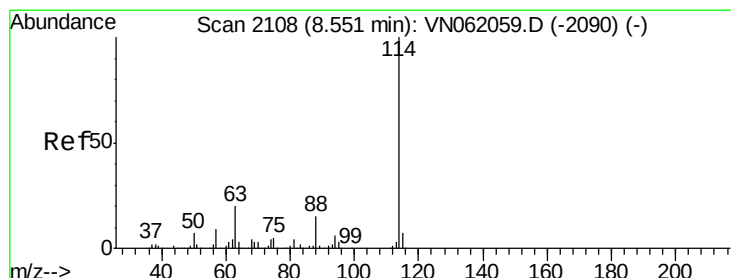
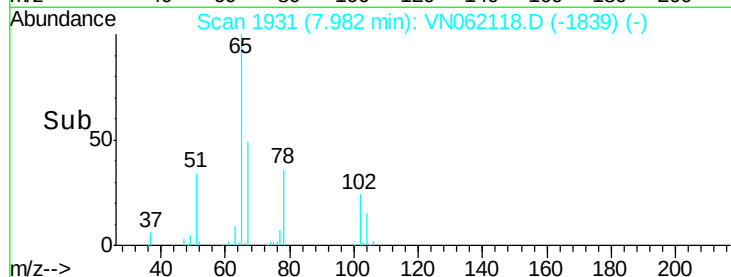
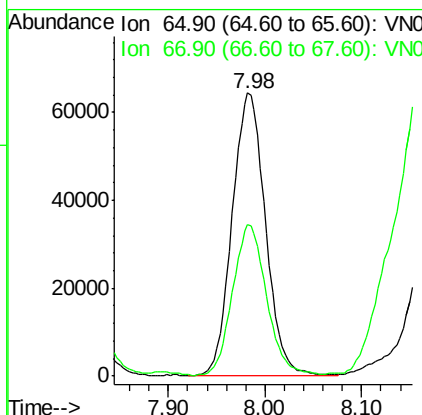
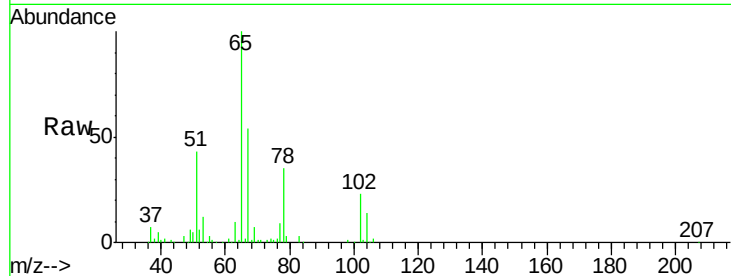




#33
 1,2-Dichloroethane-d4
 Concen: 45.292 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

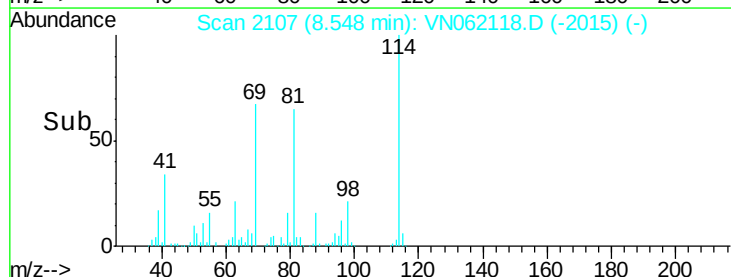
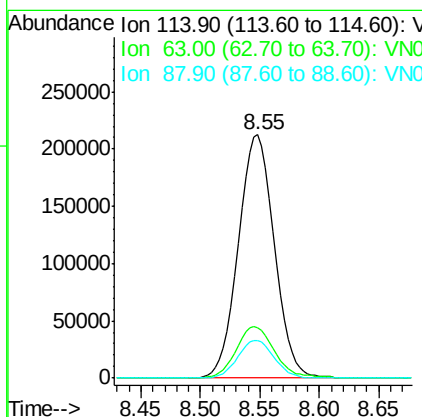
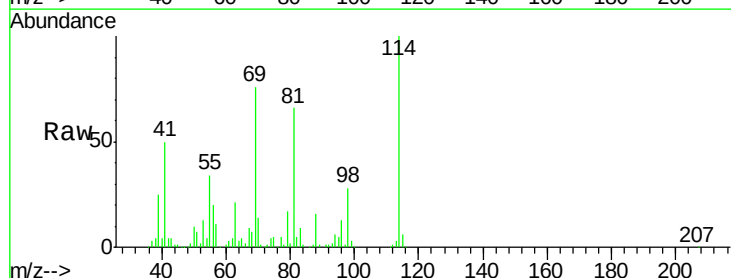
Instrument :
 MSVOA_N
 ClientSampled :
 SB-B

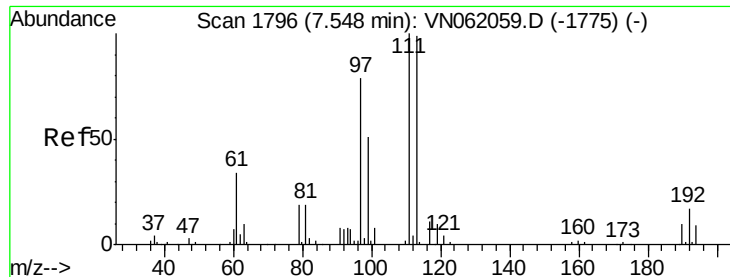
Tgt Ion: 65 Resp: 154646
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

Tgt Ion: 114 Resp: 444681
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.2
 88 15.6 0.0 30.8

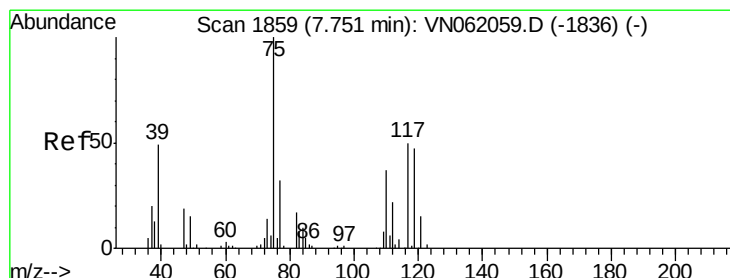
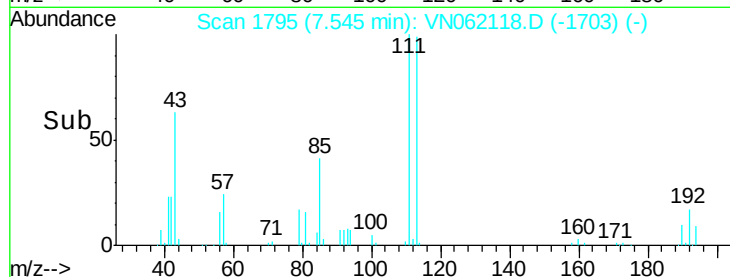
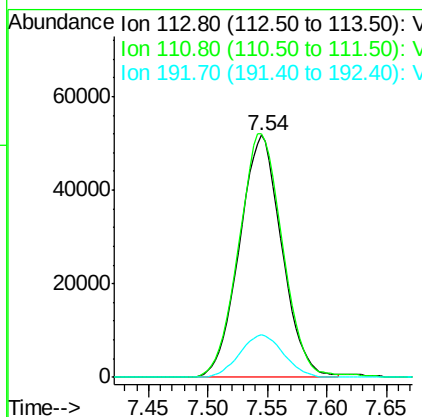
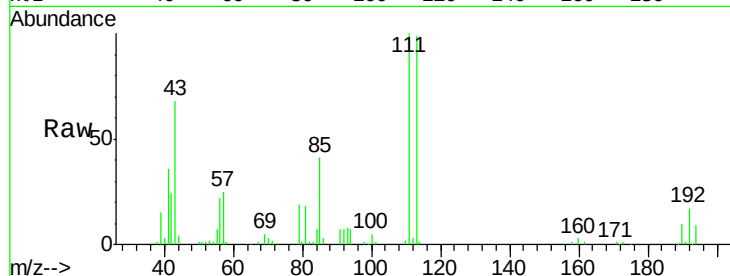




#35
 Dibromofluoromethane
 Concen: 44.655 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

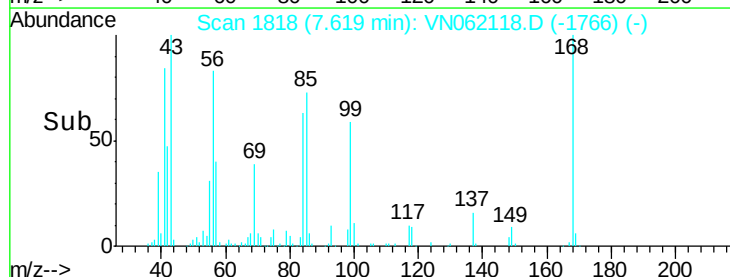
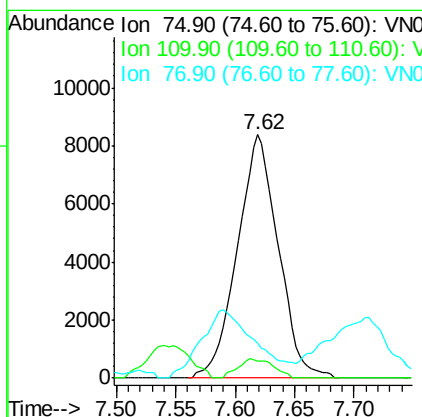
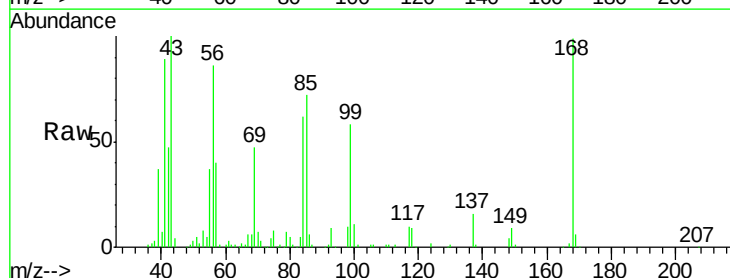
Instrument :
 MSVOA_N
 ClientSampled :
 SB-B

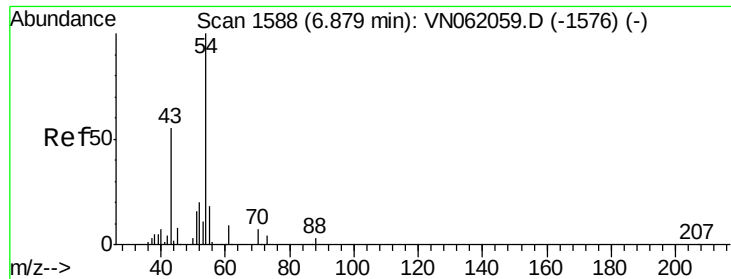
Tgt Ion: 113 Resp: 127395
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 18.2 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 4.458 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.13 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

Tgt Ion: 75 Resp: 19928
 Ion Ratio Lower Upper
 75 100
 110 6.8 17.9 53.8#
 77 0.0 24.9 37.3#

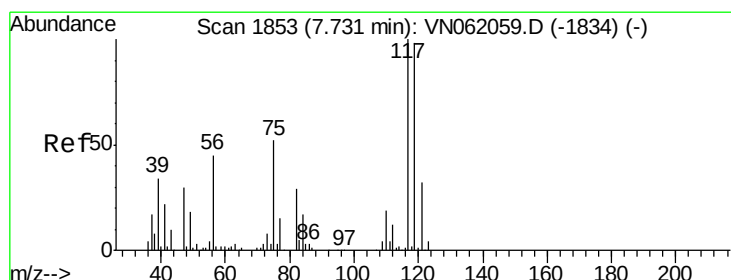
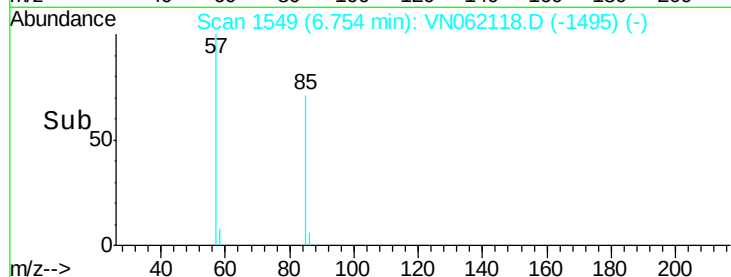
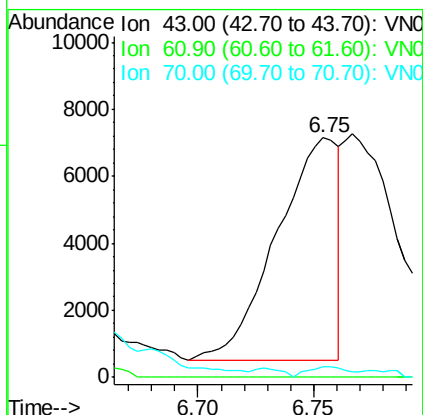
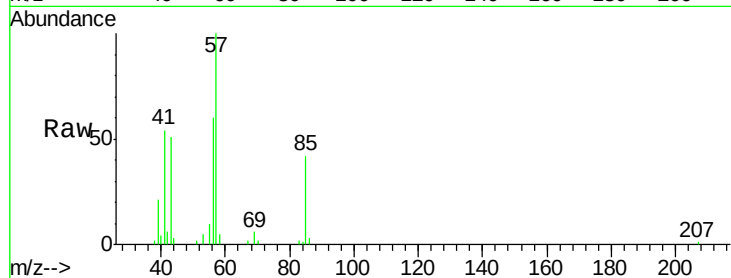




#37
Ethyl Acetate
 Concen: 3.297 ug/l
 RT: 6.75 min Scan# 1549
 Delta R.T. -0.13 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

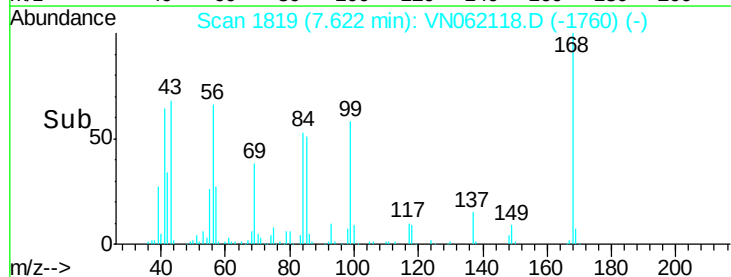
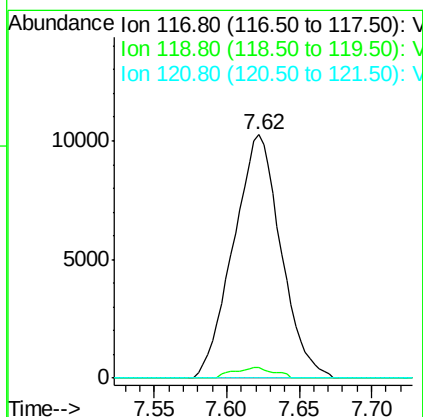
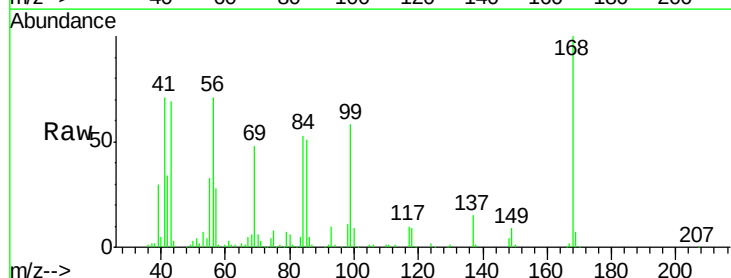
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-B

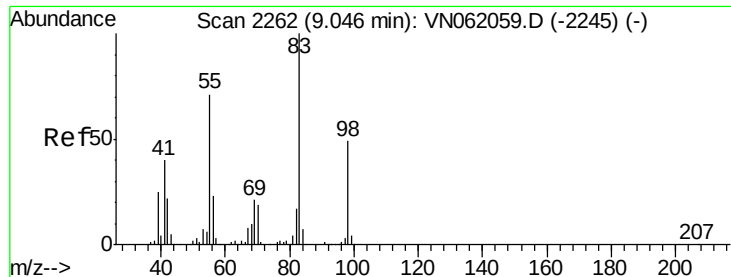
Tgt Ion: 43 Resp: 12202
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.0 18.0#
 70 3.3 9.6 14.4#



#38
Carbon Tetrachloride
 Concen: 5.553 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

Tgt Ion: 117 Resp: 23401
 Ion Ratio Lower Upper
 117 100
 119 4.2 78.2 117.2#
 121 0.0 25.8 38.6#

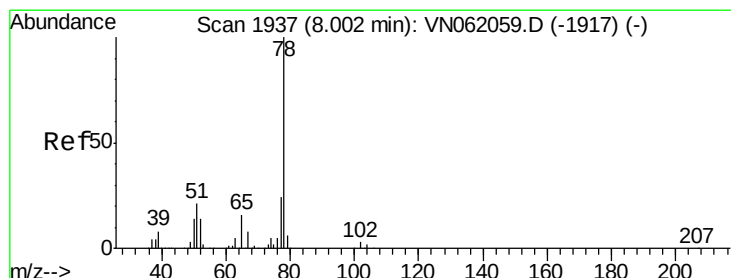
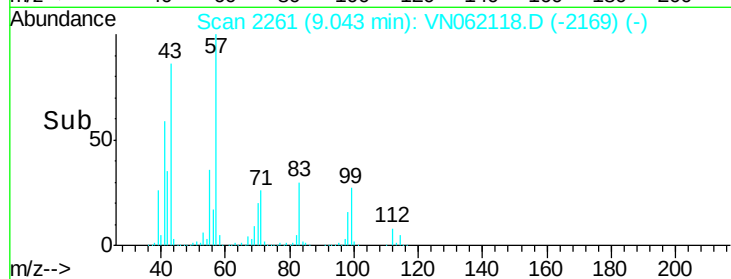
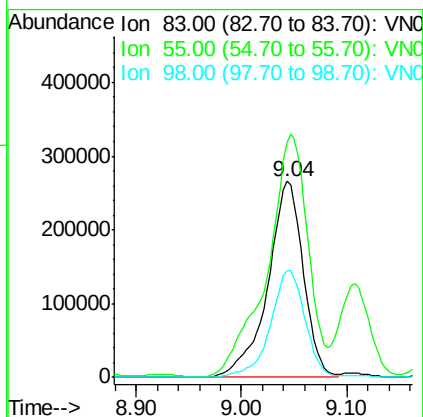
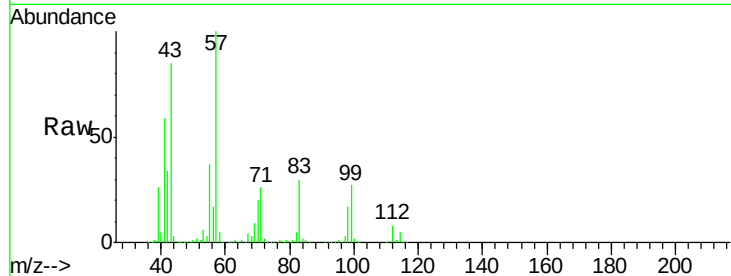




#39
Methylcyclohexane
Concen: 126.595 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

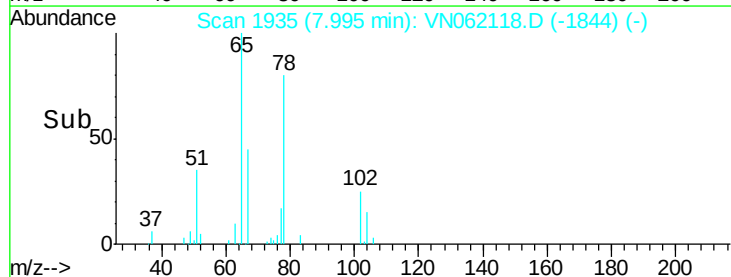
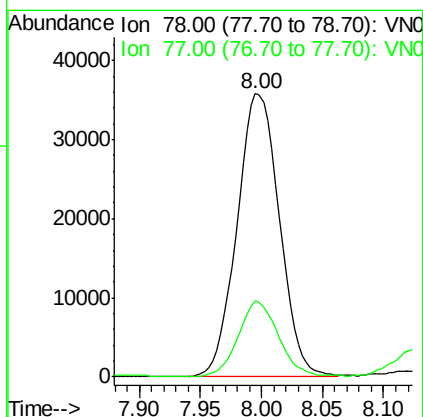
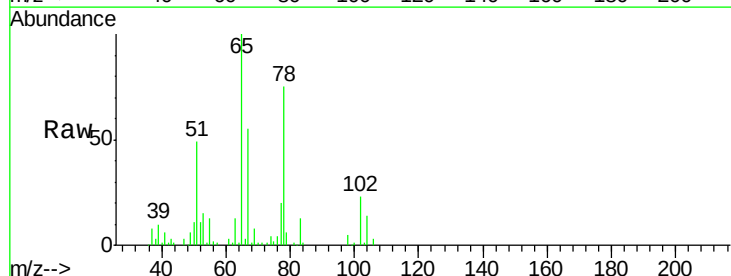
Instrument :
MSVOA_N
ClientSampled :
SB-B

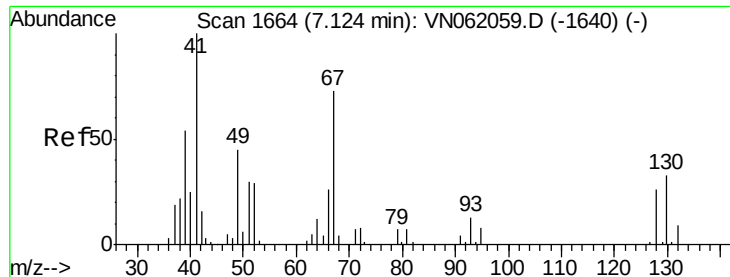
Tgt Ion: 83 Resp: 619986
Ion Ratio Lower Upper
83 100
55 119.6 57.0 85.6#
98 54.5 39.0 58.6



#40
Benzene
Concen: 6.334 ug/l
RT: 8.00 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion: 78 Resp: 86290
Ion Ratio Lower Upper
78 100
77 26.7 19.5 29.3

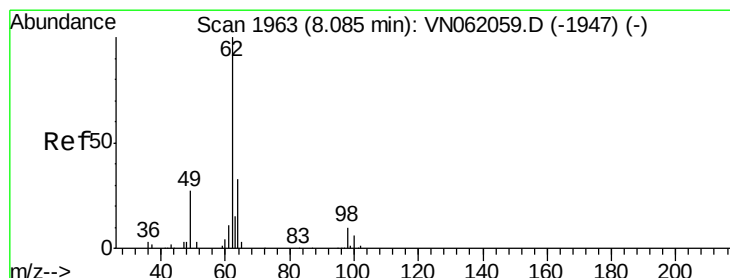
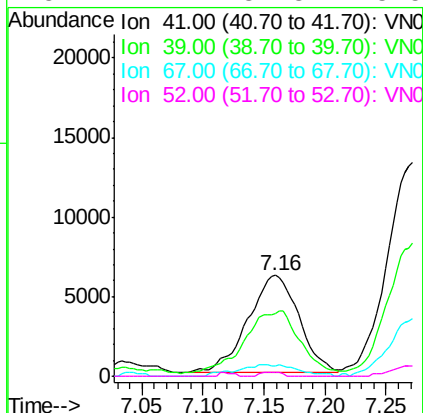
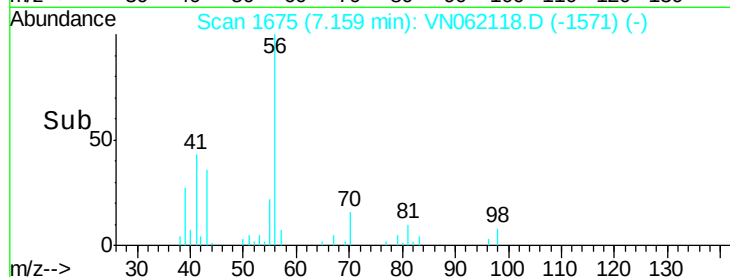
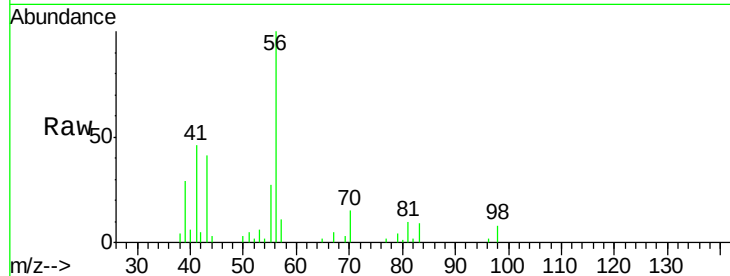




#41
Methacrylonitrile
Concen: 10.248 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.04 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

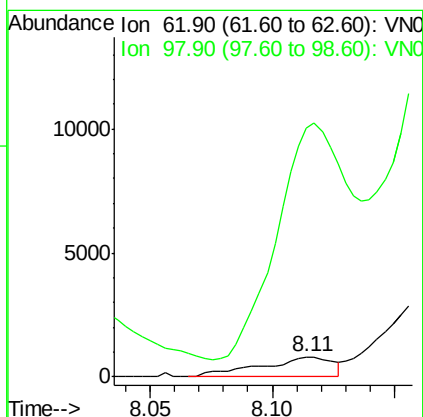
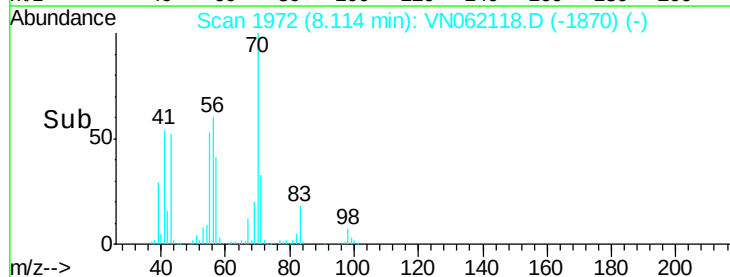
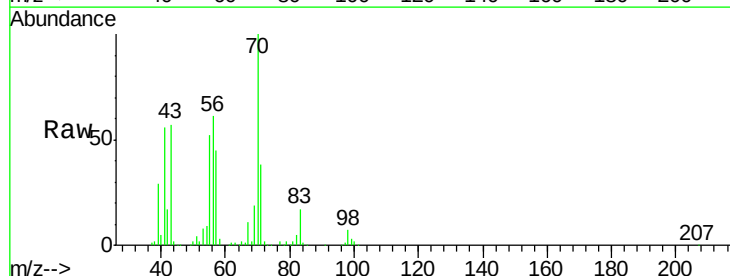
Instrument :
MSVOA_N
ClientSampled :
SB-B

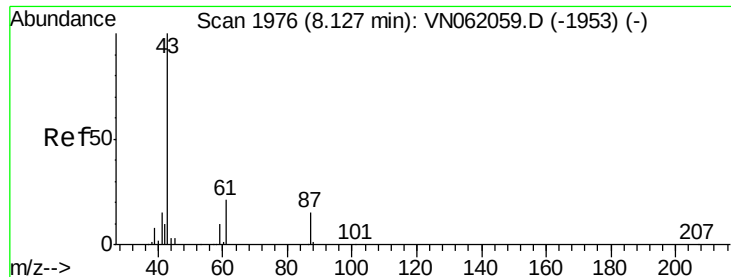
Tgt Ion: 41 Resp: 17584
Ion Ratio Lower Upper
41 100
39 68.4 44.2 66.2#
67 0.0 79.5 119.3#
52 1.7 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 0.363 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.03 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion: 62 Resp: 1673
Ion Ratio Lower Upper
62 100
98 1230.1 0.0 19.8#





#43

Isopropyl Acetate

Concen: 25.561 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. -0.02 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-B

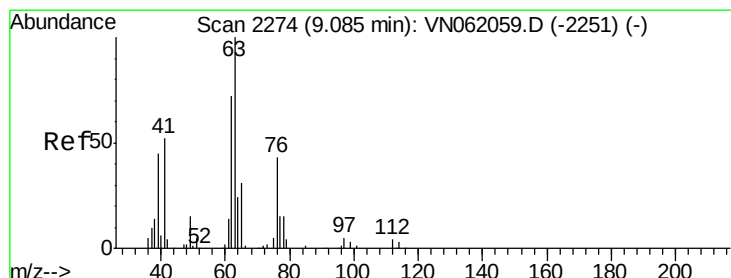
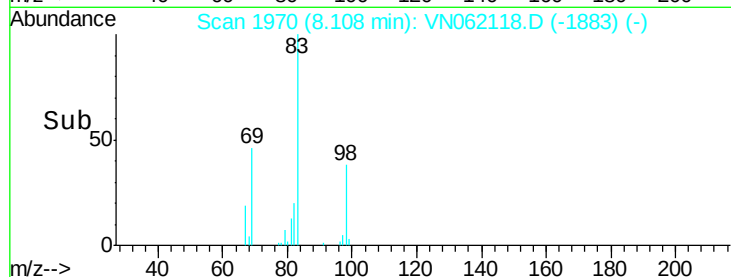
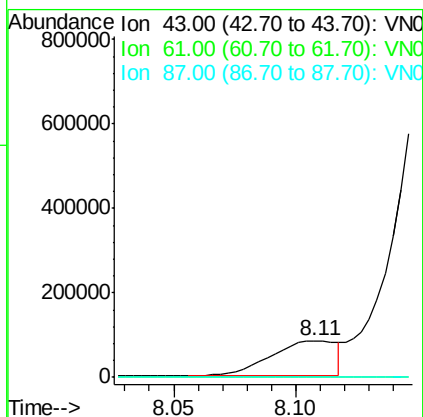
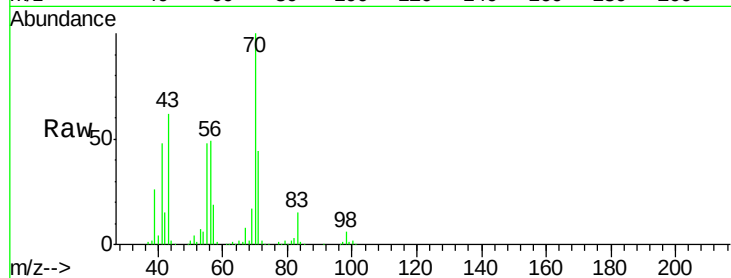
Tgt Ion: 43 Resp: 154224

Ion Ratio Lower Upper

43 100

61 0.3 17.2 25.8#

87 0.0 12.1 18.1#



#45

1,2-Dichloropropane

Concen: 1.644 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.02 min

Lab File: VN062118.D

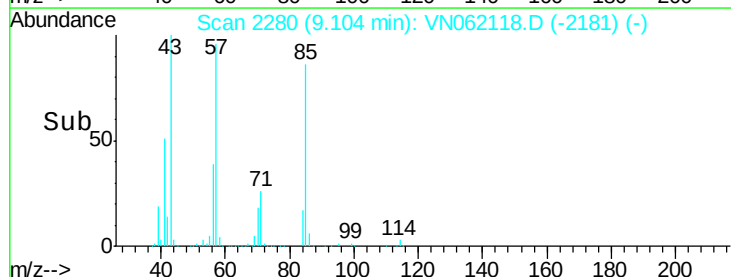
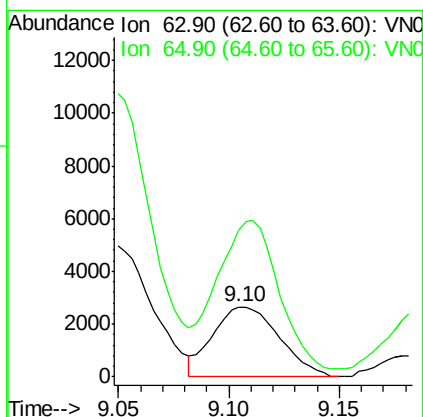
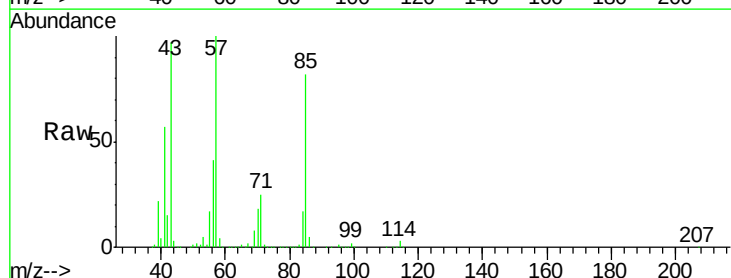
Acq: 25 Jun 2020 18:05

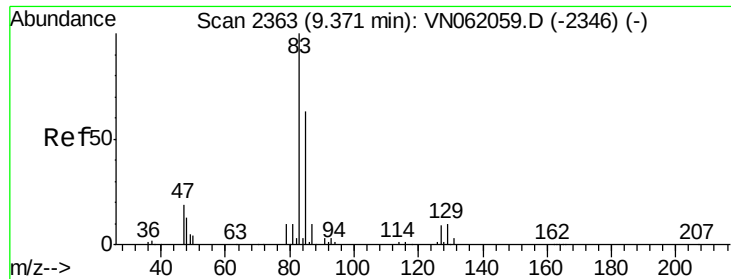
Tgt Ion: 63 Resp: 5524

Ion Ratio Lower Upper

63 100

65 196.5 25.0 37.4#





#47

Bromodichloromethane

Concen: 54.607 ug/l

RT: 9.35 min Scan# 2357

Delta R.T. -0.02 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-B

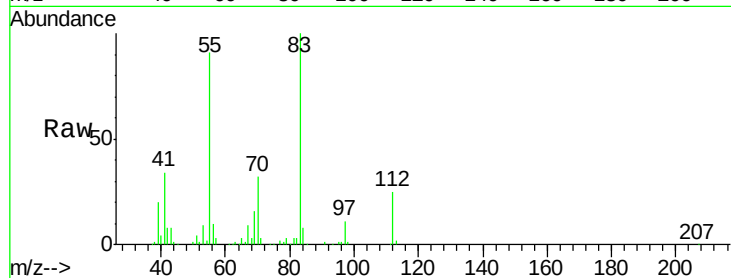
Tgt Ion: 83 Resp: 251255

Ion Ratio Lower Upper

83 100

85 0.4 50.3 75.5#

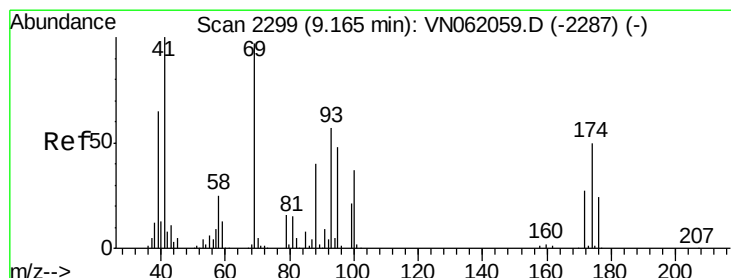
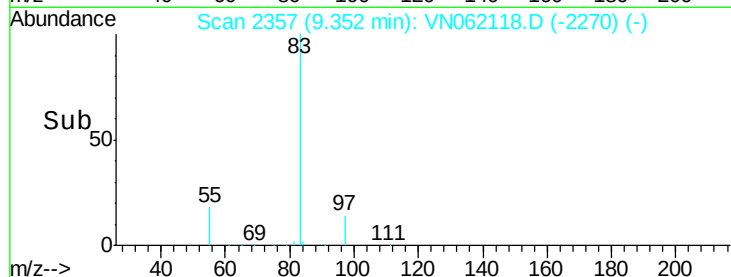
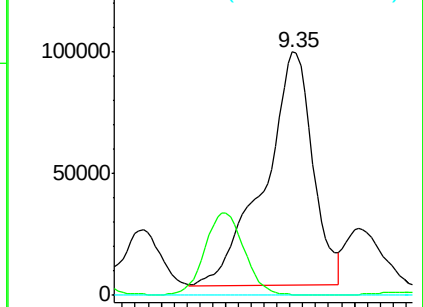
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VN062118.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062118.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062118.D (-2270) (-)



#48

Methyl methacrylate

Concen: 104.727 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.02 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

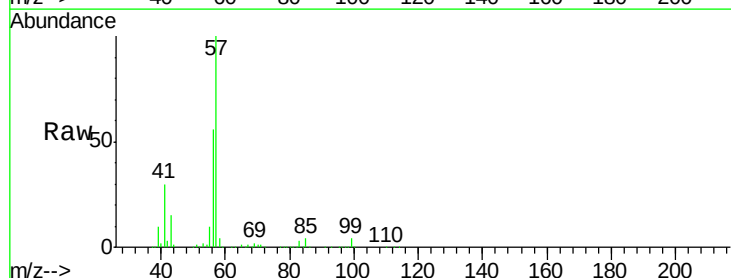
Tgt Ion: 41 Resp: 283313

Ion Ratio Lower Upper

41 100

69 4.2 80.7 121.1#

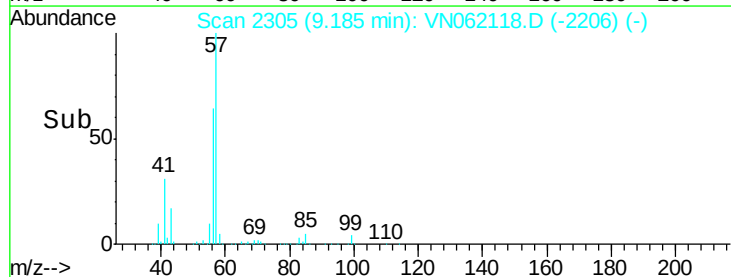
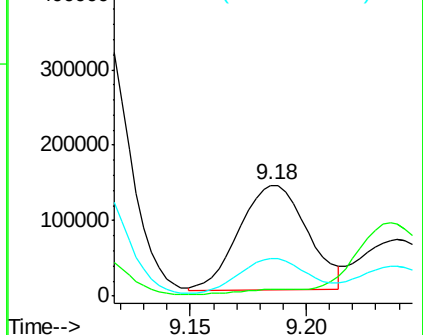
39 32.8 54.5 81.7#

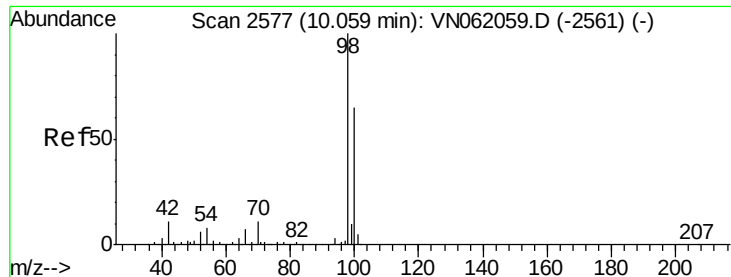


Abundance Ion 41.00 (40.70 to 41.70): VN062118.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062118.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062118.D (-2206) (-)

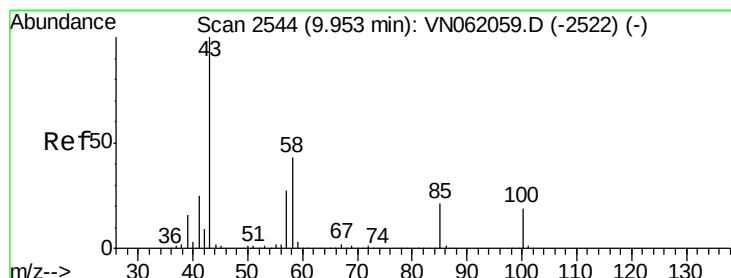
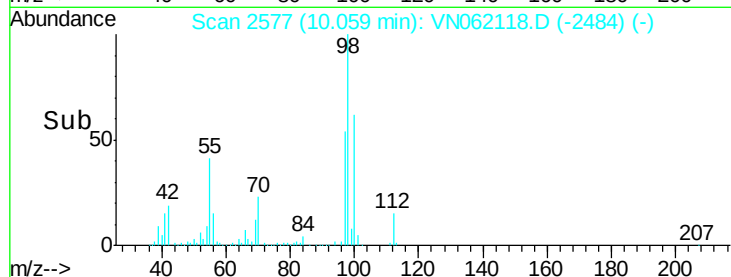
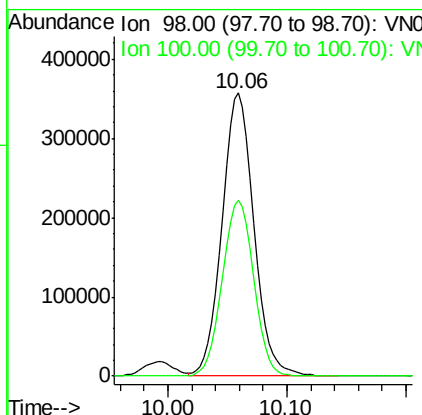
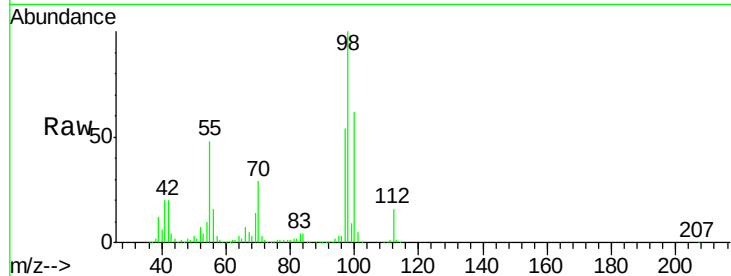




#50
Toluene-d8
Concen: 57.978 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

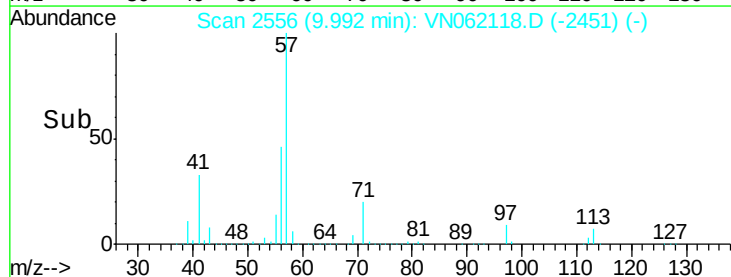
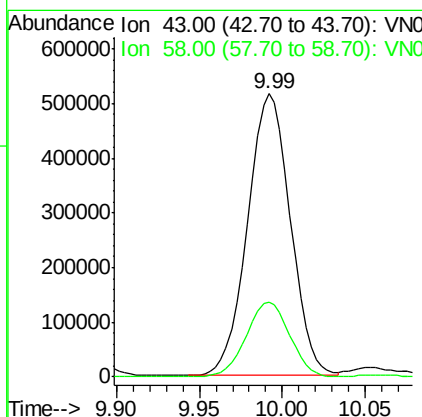
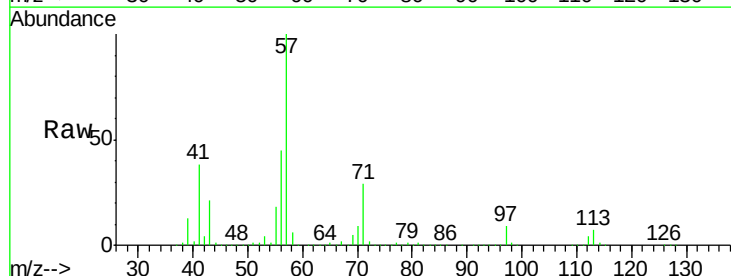
Instrument :
MSVOA_N
ClientSampleId :
SB-B

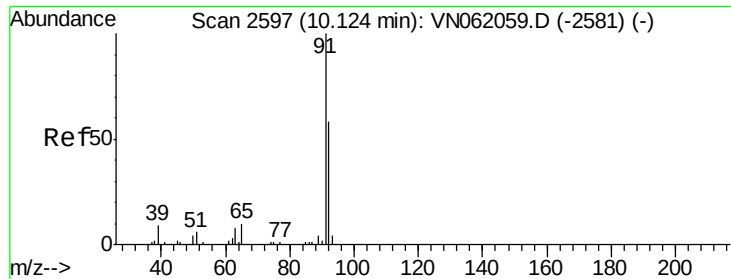
Tgt Ion: 98 Resp: 661163
Ion Ratio Lower Upper
98 100
100 61.5 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 262.279 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.04 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion: 43 Resp: 924565
Ion Ratio Lower Upper
43 100
58 26.9 34.2 51.2#





#52

Toluene

Concen: 59.089 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

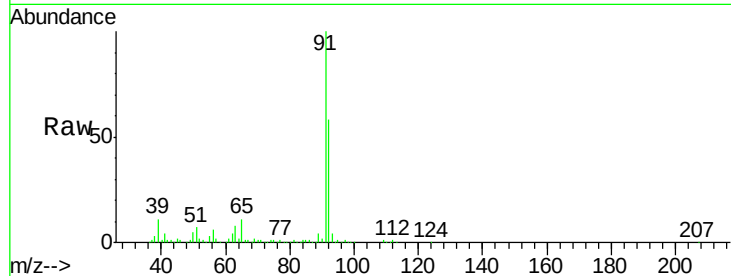
SB-B

Tgt Ion: 92 Resp: 491172

Ion Ratio Lower Upper

92 100

91 172.0 137.4 206.0

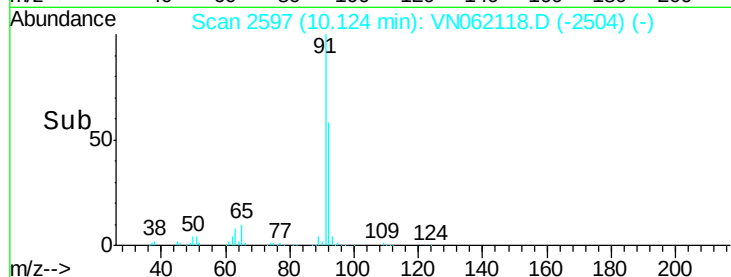


Abundance Ion 92.00 (91.70 to 92.70): VN062118.D (-2504) (-)

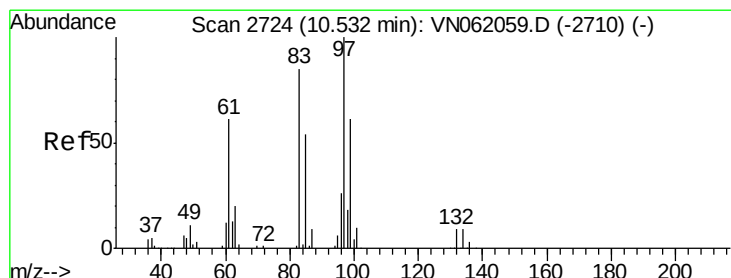
Ion 91.00 (90.70 to 91.70): VN062118.D (-2504) (-)

10.12

Time-->



Time-->



#55

1,1,2-Trichloroethane

Concen: 72.749 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.03 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Tgt Ion: 97 Resp: 237710

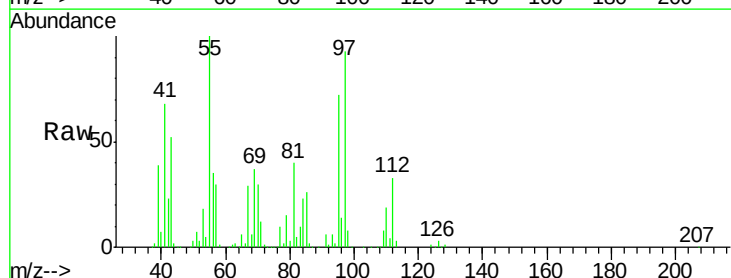
Ion Ratio Lower Upper

97 100

83 2.0 68.2 102.2#

85 27.8 43.2 64.8#

99 0.3 48.5 72.7#



Abundance Ion 96.90 (96.60 to 97.60): VN062118.D (-2631) (-)

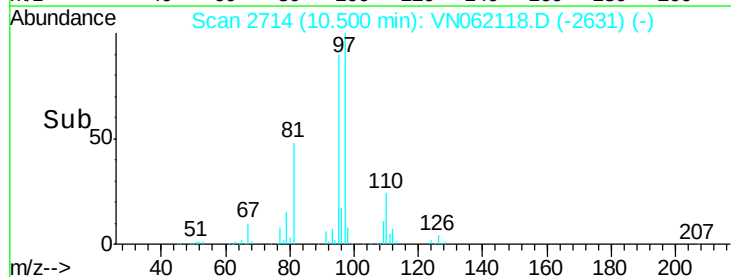
Ion 82.90 (82.60 to 83.60): VN062118.D (-2631) (-)

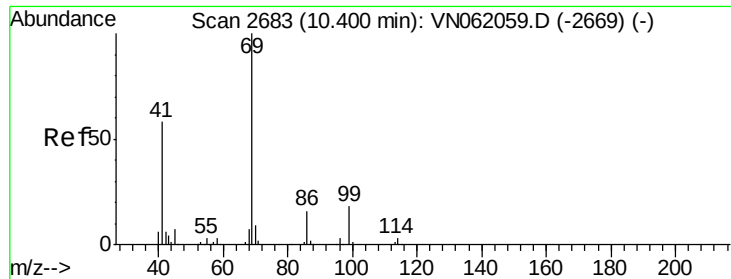
Ion 84.90 (84.60 to 85.60): VN062118.D (-2631) (-)

Ion 98.90 (98.60 to 99.60): VN062118.D (-2631) (-)

10.50

Time-->

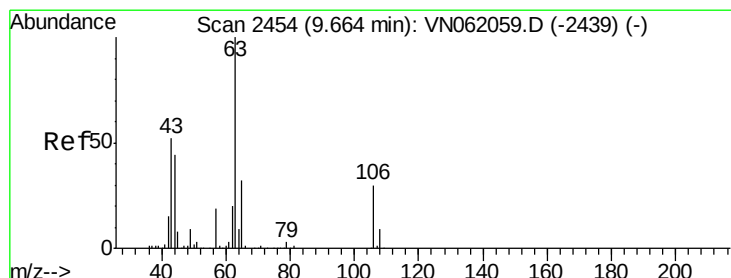
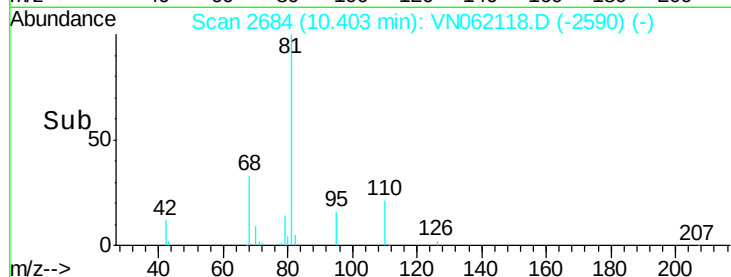
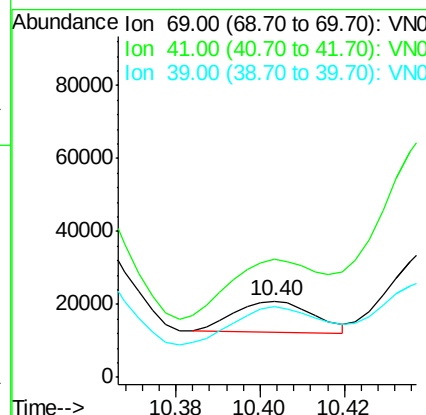
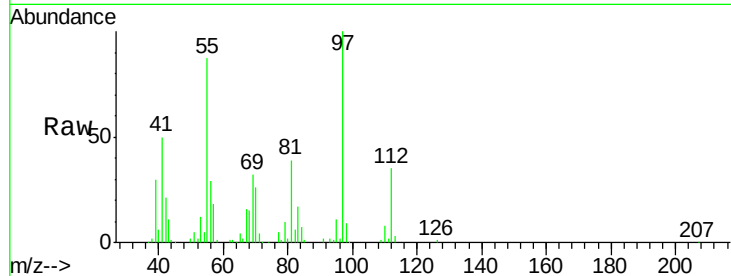




#56
Ethyl methacrylate
Concen: 2.579 ug/l
RT: 10.40 min Scan# 2684
Delta R.T. 0.00 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

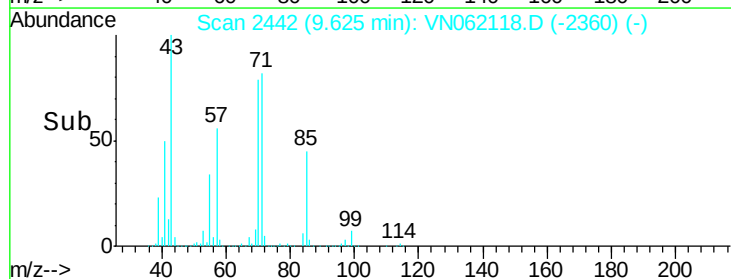
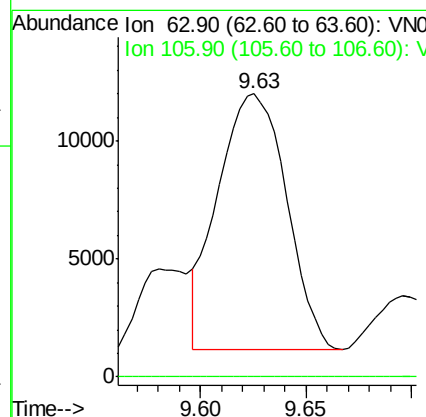
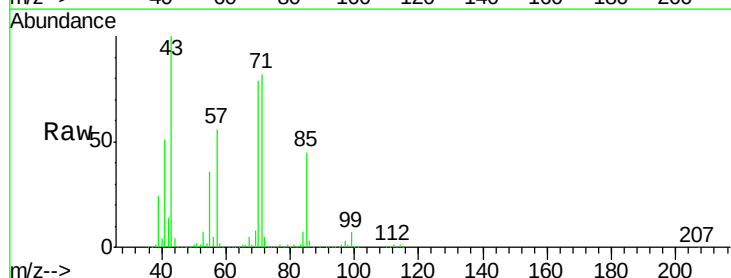
Instrument :
MSVOA_N
ClientSampled :
SB-B

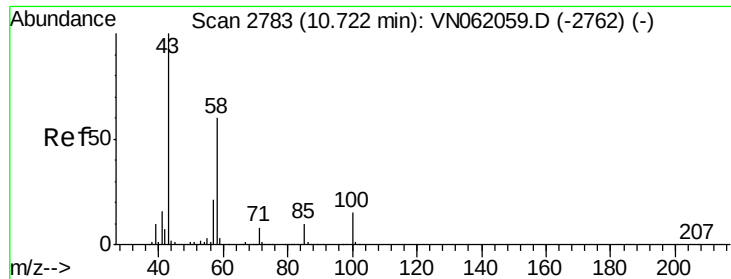
Tgt Ion: 69 Resp: 11246
Ion Ratio Lower Upper
69 100
41 0.0 46.6 70.0#
39 132.9 31.0 46.4#



#58
2-Chloroethyl Vinyl ether
Concen: 28.476 ug/l
RT: 9.63 min Scan# 2442
Delta R.T. -0.04 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion: 63 Resp: 24554
Ion Ratio Lower Upper
63 100
106 0.0 23.2 34.8#

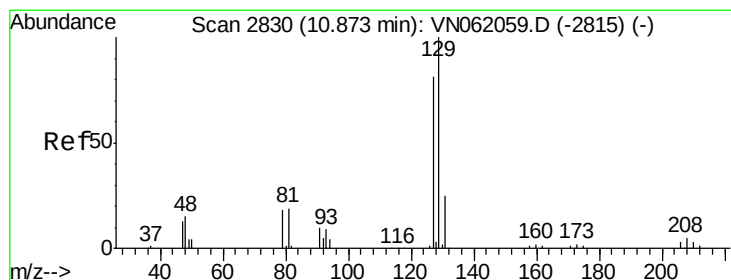
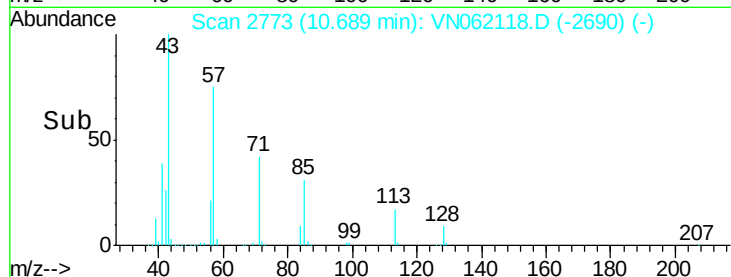
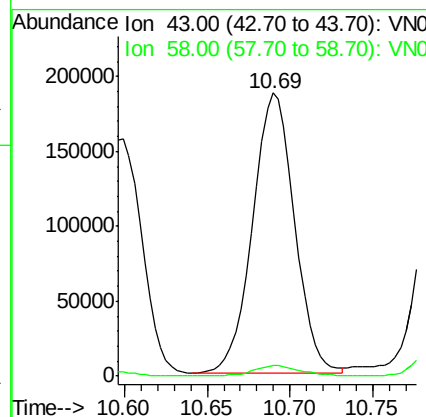
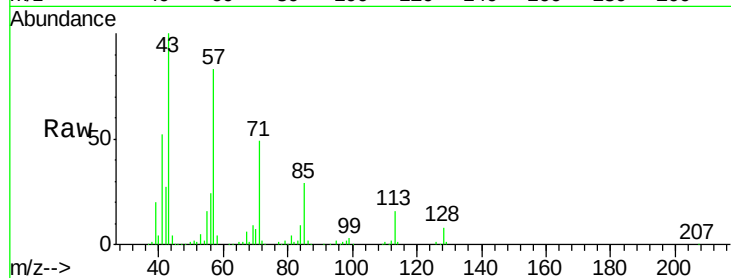




#59
2-Hexanone
Concen: 129.439 ug/l
RT: 10.69 min Scan# 2773
Delta R.T. -0.03 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

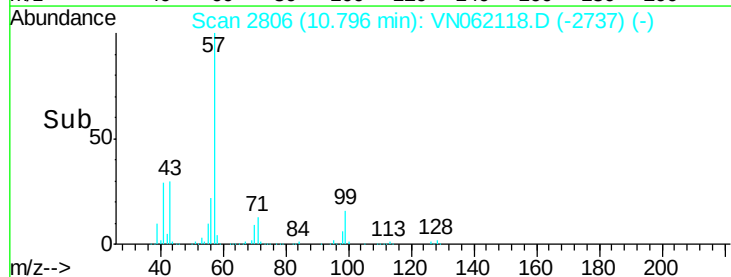
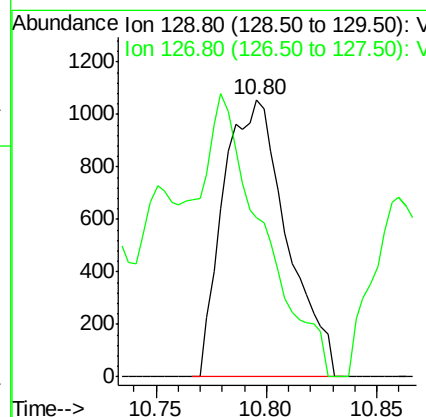
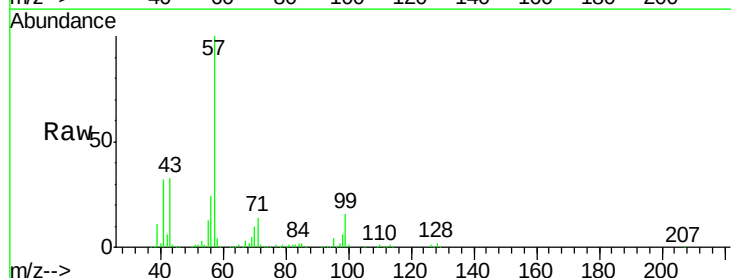
Instrument :
MSVOA_N
ClientSampleId :
SB-B

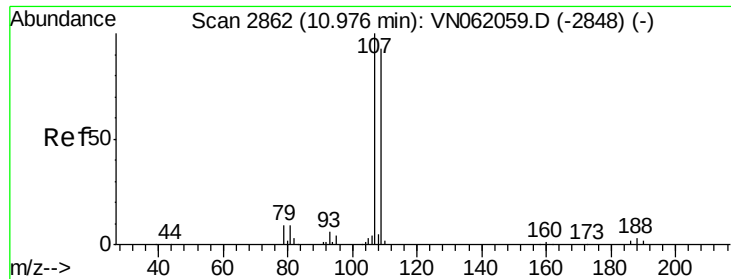
Tgt Ion: 43 Resp: 329483
Ion Ratio Lower Upper
43 100
58 4.5 29.5 88.5#



#60
Dibromochloromethane
Concen: 0.609 ug/l
RT: 10.80 min Scan# 2806
Delta R.T. -0.08 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion: 129 Resp: 2107
Ion Ratio Lower Upper
129 100
127 87.1 39.5 118.5

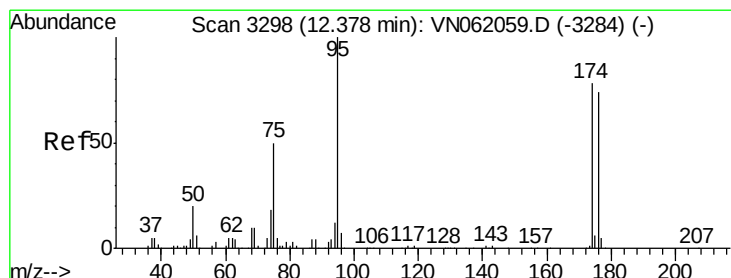
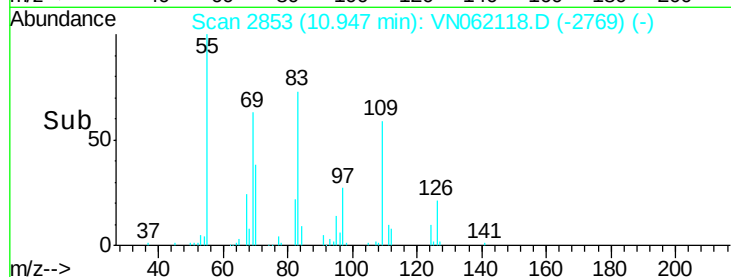
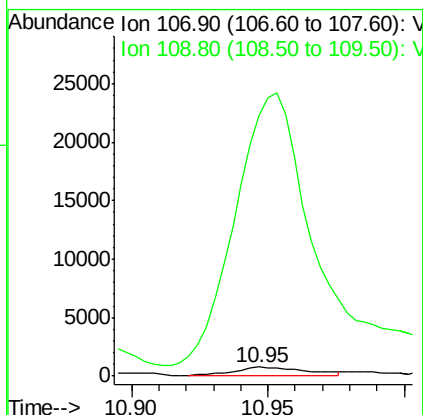
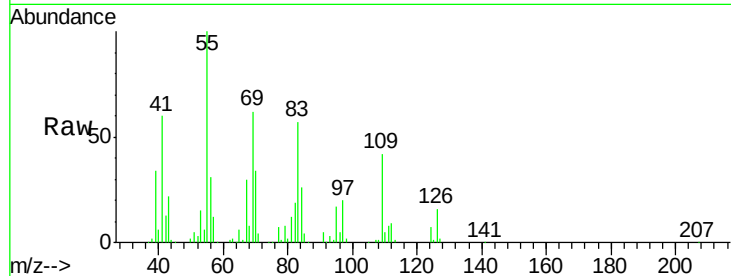




#61
 1,2-Dibromoethane
 Concen: 0.446 ug/l
 RT: 10.95 min Scan# 2853
 Delta R.T. -0.03 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

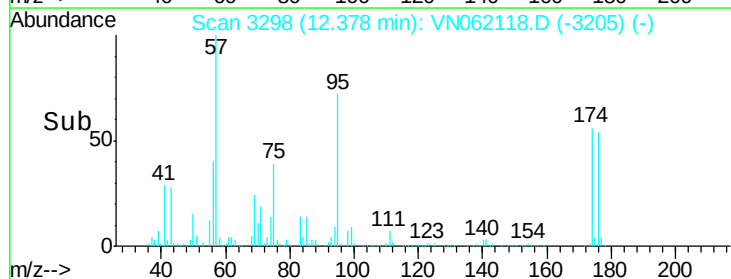
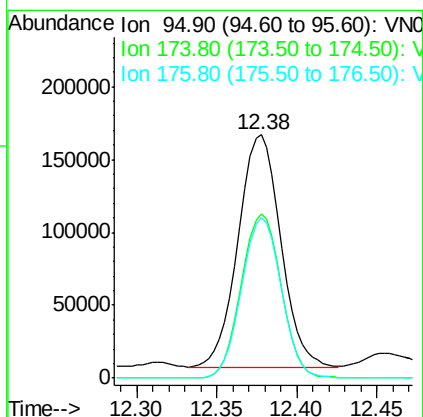
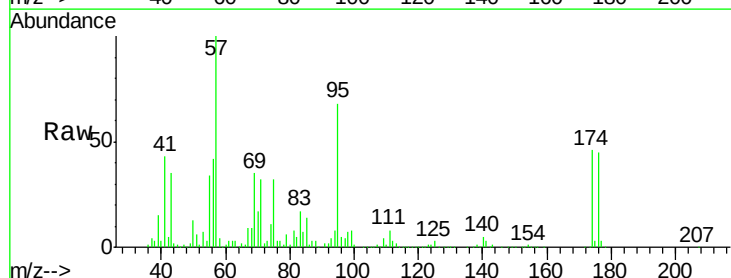
Instrument :
 MSVOA_N
 ClientSampled :
 SB-B

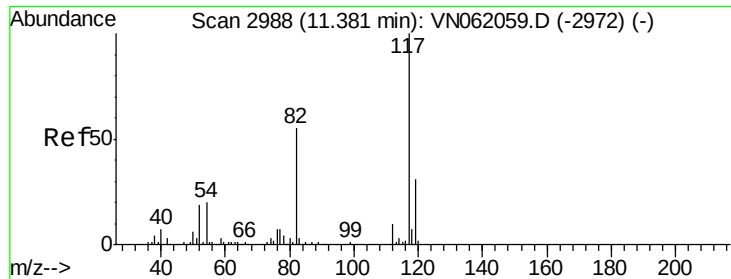
Tgt Ion: 107 Resp: 1496
 Ion Ratio Lower Upper
 107 100
 109 3247.7 75.0 112.6#



#62
 4-Bromofluorobenzene
 Concen: 75.311 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

Tgt Ion: 95 Resp: 290162
 Ion Ratio Lower Upper
 95 100
 174 66.5 0.0 154.8
 176 64.6 0.0 147.4

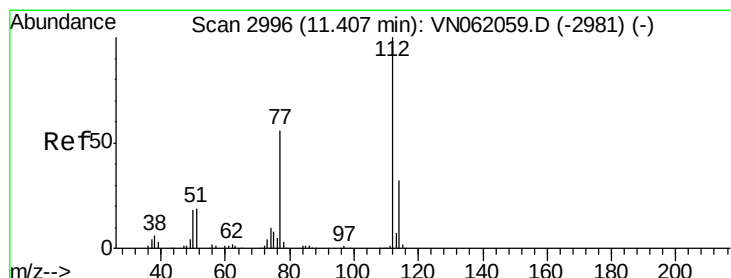
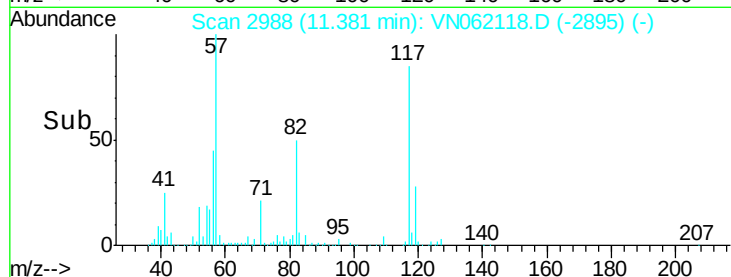
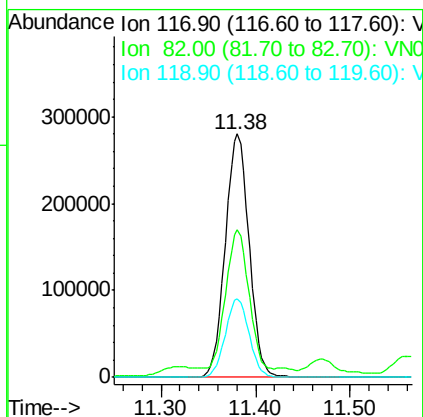
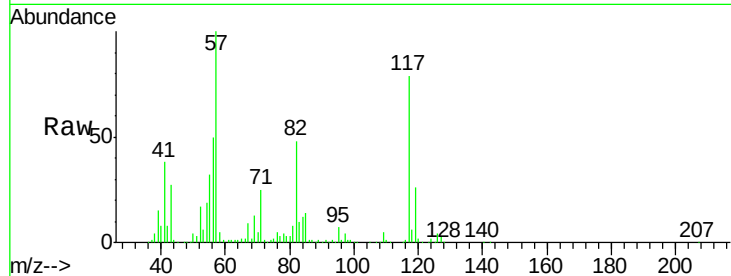




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

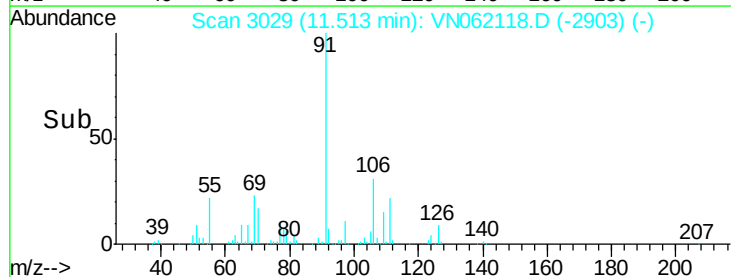
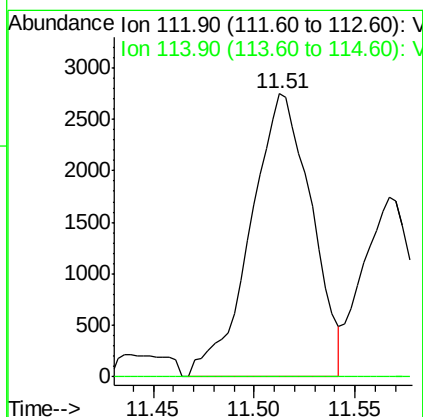
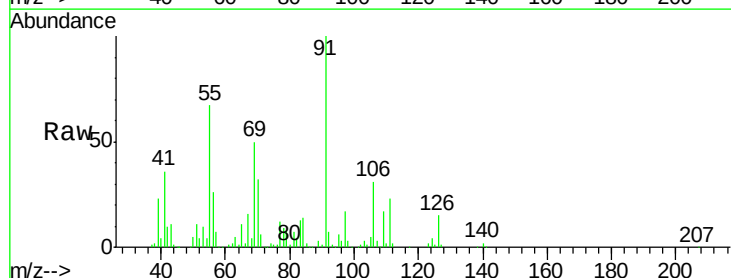
Instrument :
MSVOA_N
ClientSampled :
SB-B

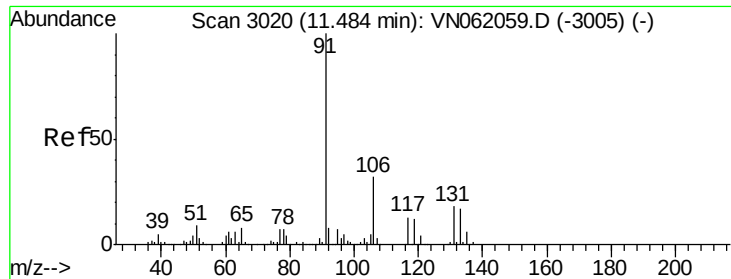
Tgt Ion:117 Resp: 491071
Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.8
119 32.5 25.2 37.8



#65
Chlorobenzene
Concen: 0.534 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.11 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion:112 Resp: 5758
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.8#





#67

Ethyl Benzene

Concen: 261.089 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

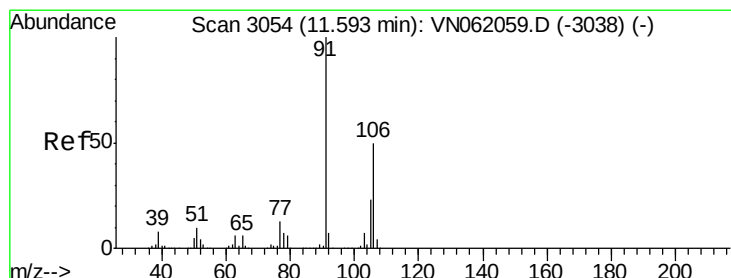
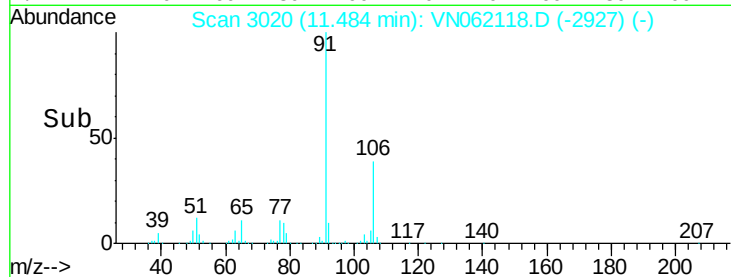
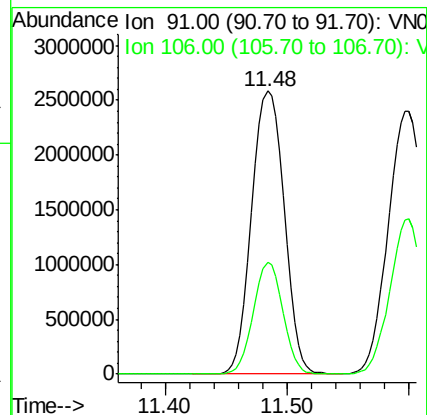
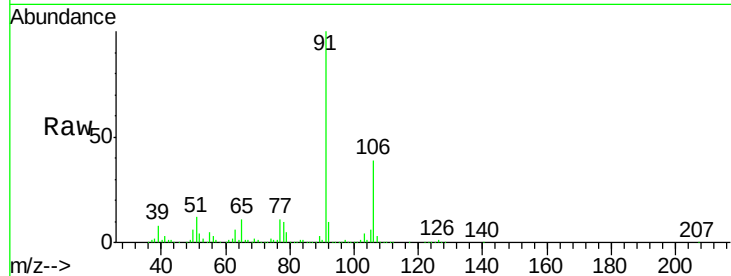
SB-B

Tgt Ion: 91 Resp: 4755167

Ion Ratio Lower Upper

91 100

106 39.5 25.3 37.9#



#68

m/p-Xylenes

Concen: 379.696 ug/l

RT: 11.60 min Scan# 3056

Delta R.T. 0.01 min

Lab File: VN062118.D

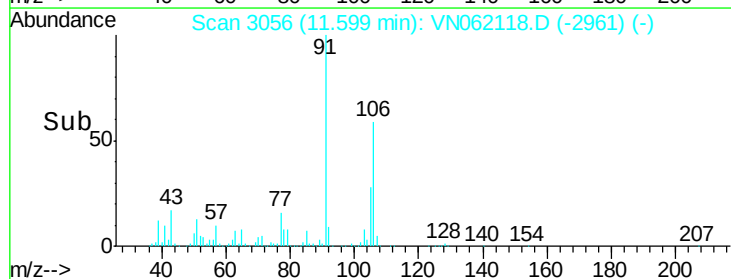
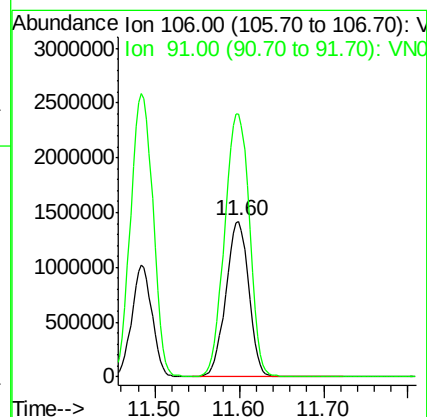
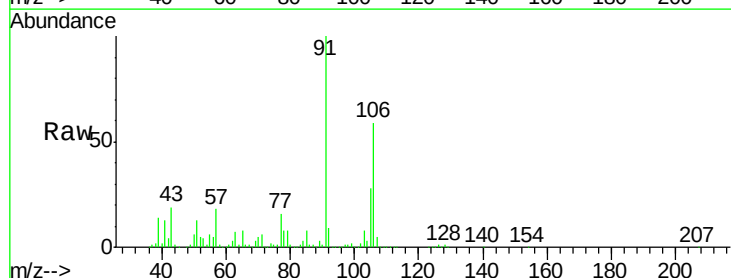
Acq: 25 Jun 2020 18:05

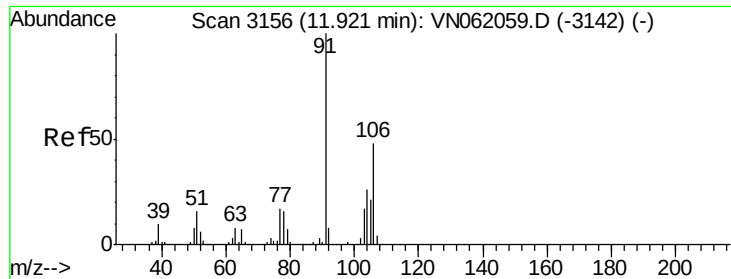
Tgt Ion: 106 Resp: 2674738

Ion Ratio Lower Upper

106 100

91 182.8 157.8 236.8

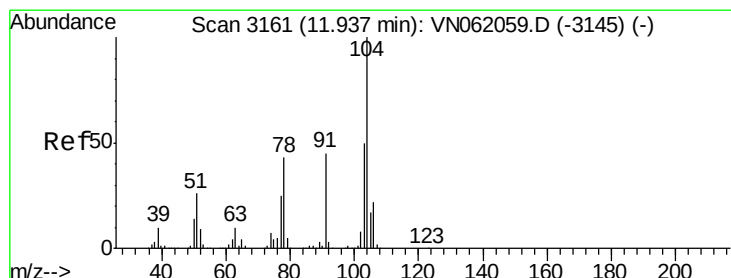
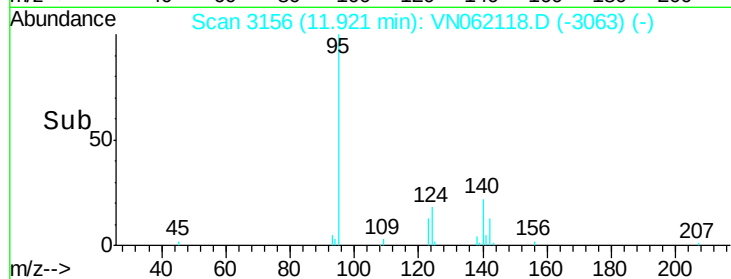
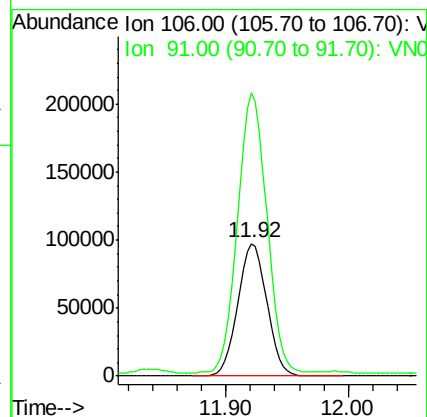
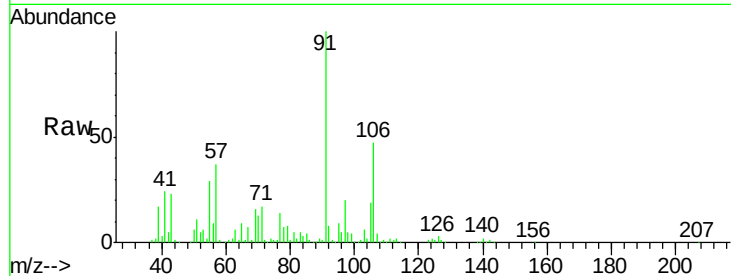




#69
o-Xylene
Concen: 24.110 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

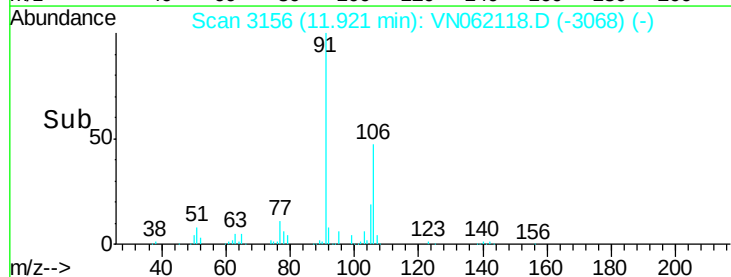
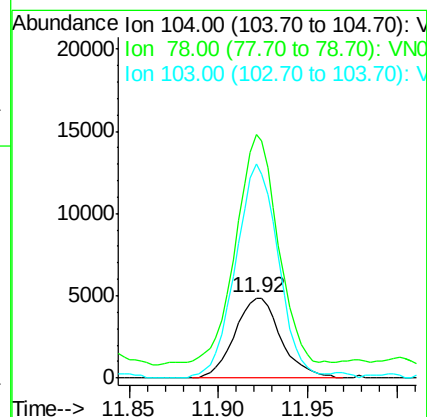
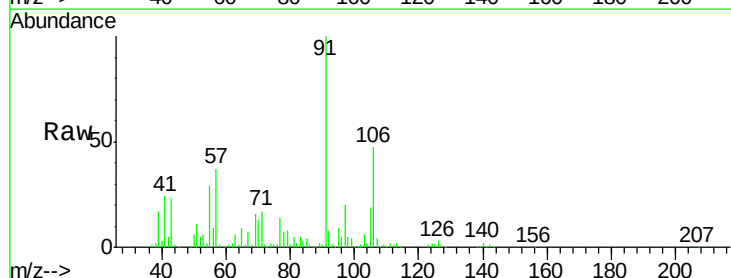
Instrument :
MSVOA_N
ClientSampled :
SB-B

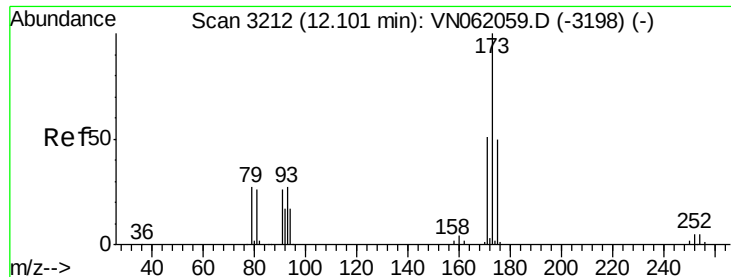
Tgt Ion:106 Resp: 160244
Ion Ratio Lower Upper
106 100
91 214.6 104.0 311.9



#70
Styrene
Concen: 0.794 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion:104 Resp: 8806
Ion Ratio Lower Upper
104 100
78 264.6 37.7 56.5#
103 248.0 43.0 64.6#





#71

Bromoform

Concen: 0.592 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

SB-B

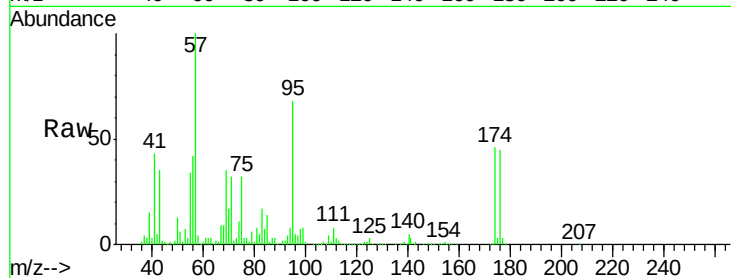
Tgt Ion:173 Resp: 1569

Ion Ratio Lower Upper

173 100

175 768.1 24.7 74.1#

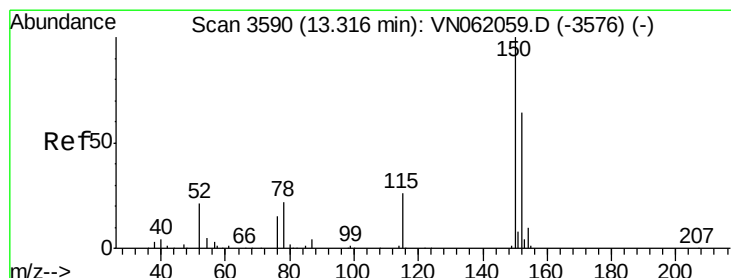
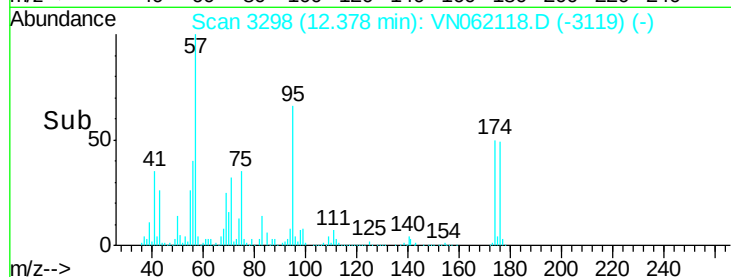
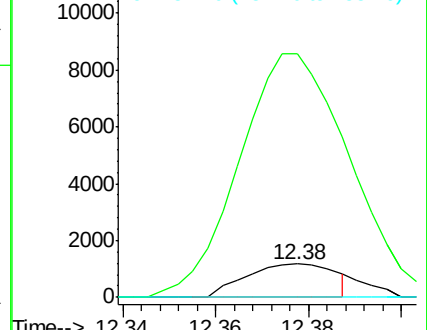
254 0.0 0.0 0.0



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: VN062118.D

Acq: 25 Jun 2020 18:05

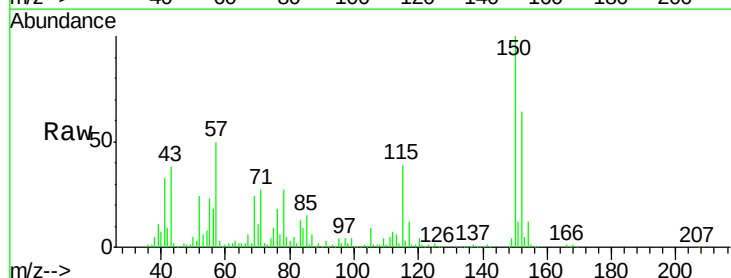
Tgt Ion:152 Resp: 253055

Ion Ratio Lower Upper

152 100

115 60.1 29.5 88.5

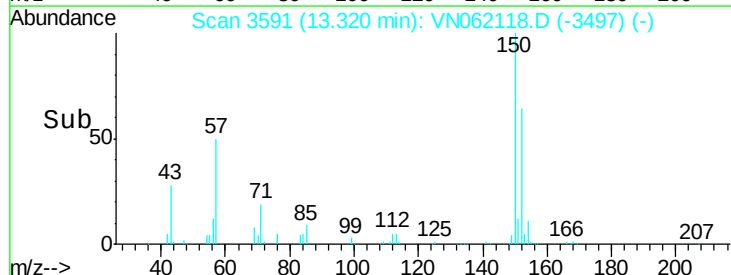
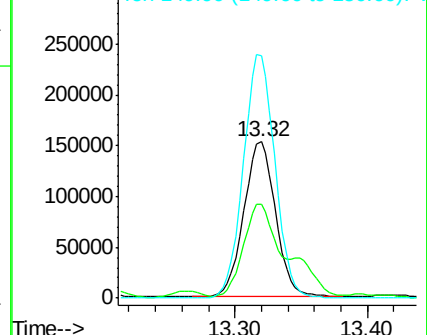
150 156.2 0.0 351.4

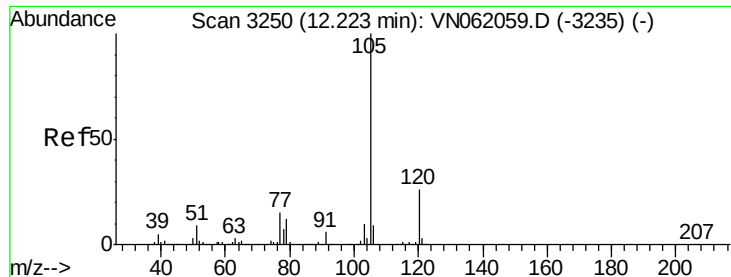


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 147.573 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

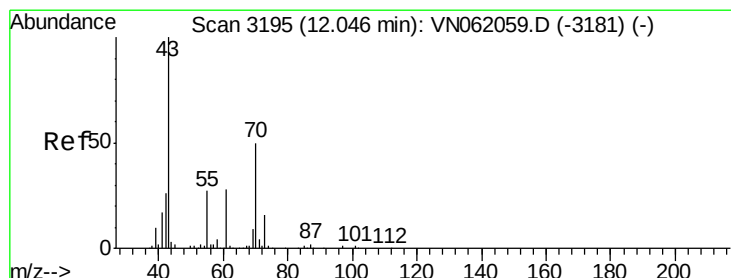
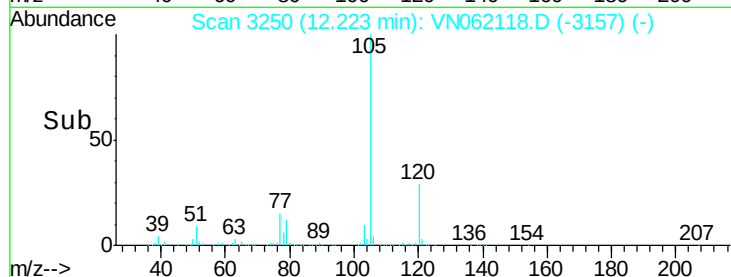
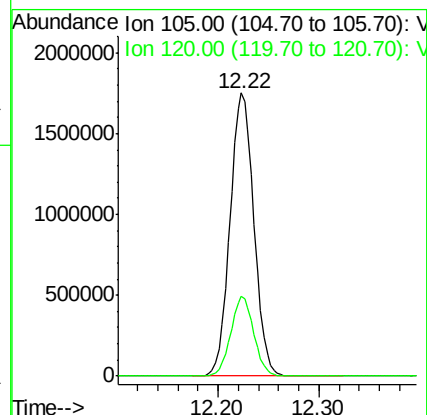
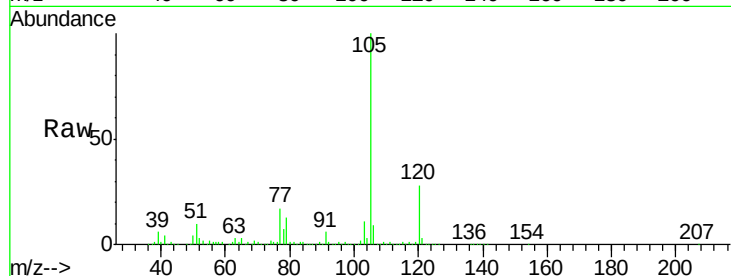
SB-B

Tgt Ion:105 Resp: 2890735

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



#74

N-ethyl acetate

Concen: 27.552 ug/l

RT: 12.02 min Scan# 3186

Delta R.T. -0.03 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Tgt Ion: 43 Resp: 187072

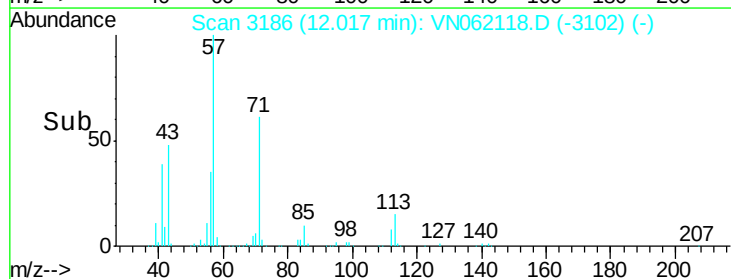
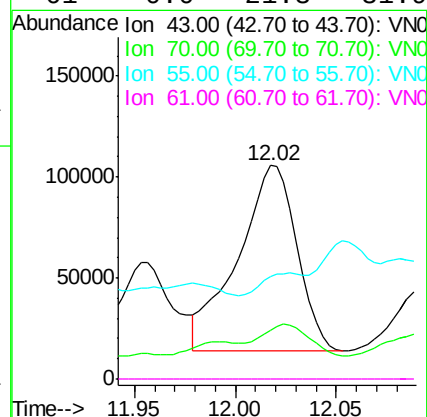
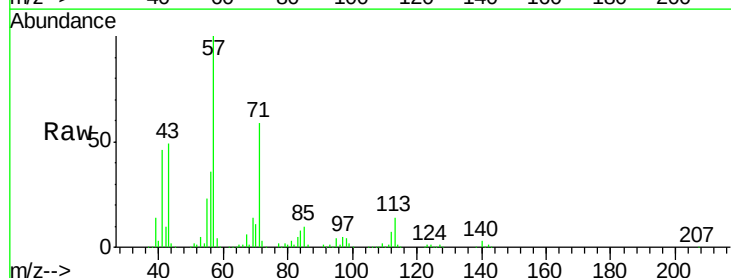
Ion Ratio Lower Upper

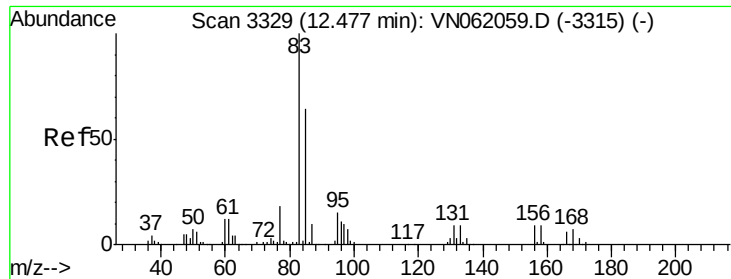
43 100

70 13.7 39.4 59.2#

55 7.4 21.7 32.5#

61 0.0 21.3 31.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.822 ug/l

RT: 12.45 min Scan# 3322

Delta R.T. -0.02 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-B

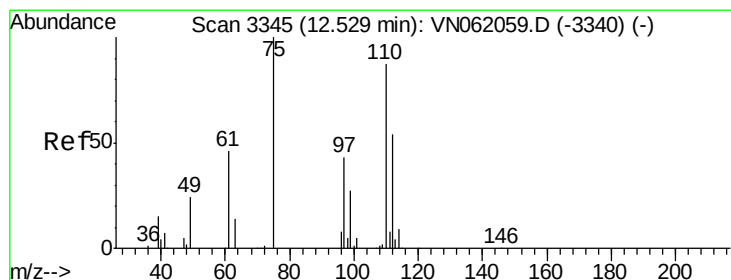
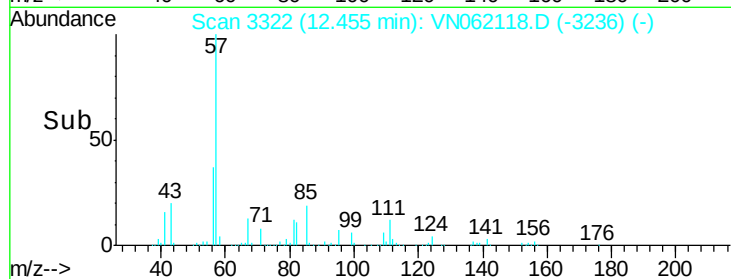
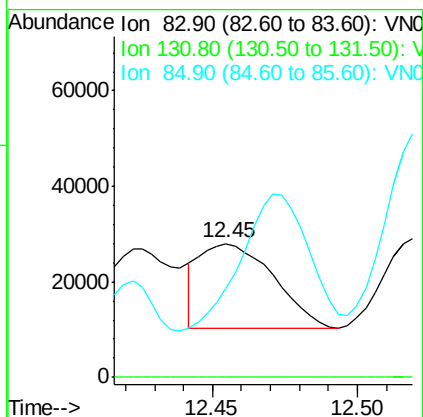
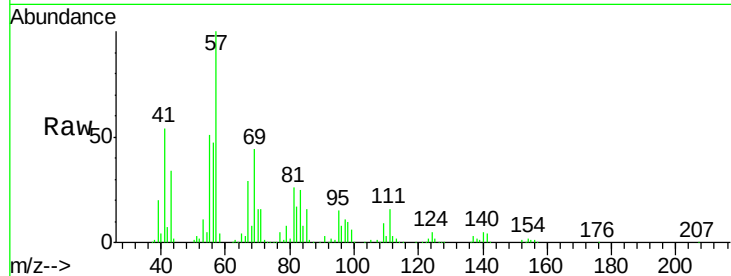
Tgt Ion: 83 Resp: 31432

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 211.0 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 5.398 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.04 min

Lab File: VN062118.D

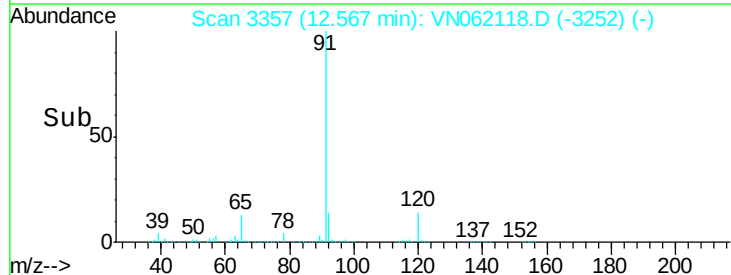
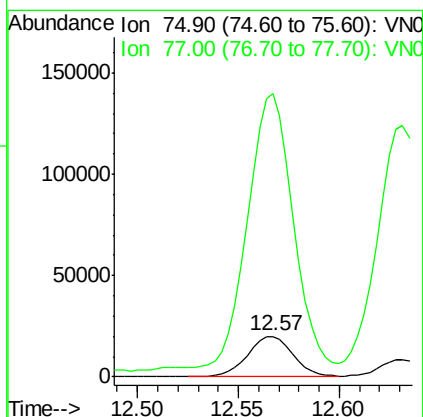
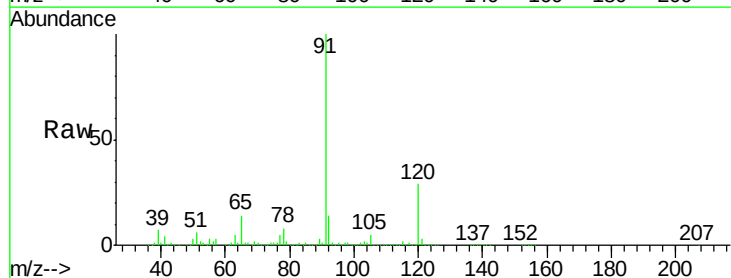
Acq: 25 Jun 2020 18:05

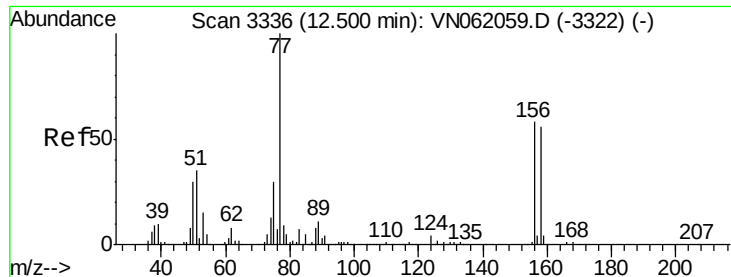
Tgt Ion: 75 Resp: 32157

Ion Ratio Lower Upper

75 100

77 683.7 0.0 0.0#





#77

Bromobenzene

Concen: 0.404 ug/l

RT: 12.46 min Scan# 3324

Delta R.T. -0.04 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-B

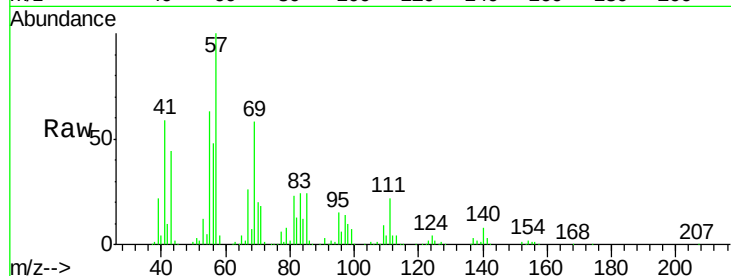
Tgt Ion:156 Resp: 1965

Ion Ratio Lower Upper

156 100

77 0.0 104.6 313.8#

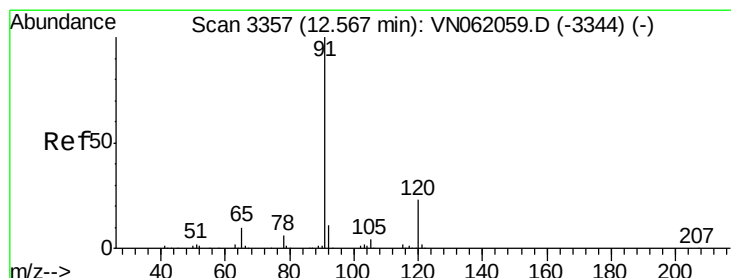
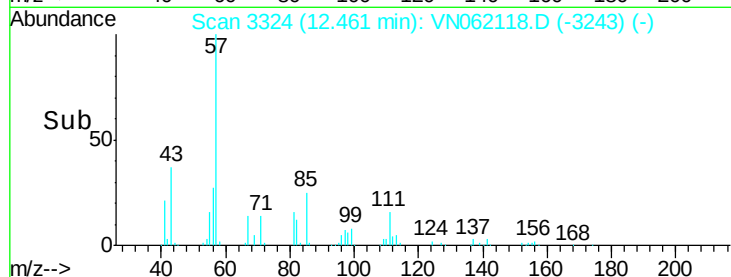
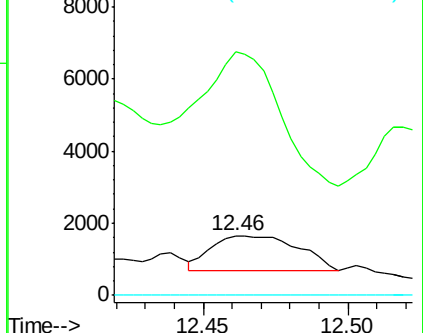
158 0.0 48.0 144.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 209.897 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062118.D

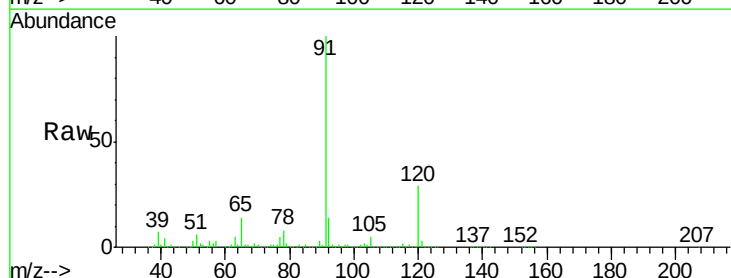
Acq: 25 Jun 2020 18:05

Tgt Ion: 91 Resp: 4703033

Ion Ratio Lower Upper

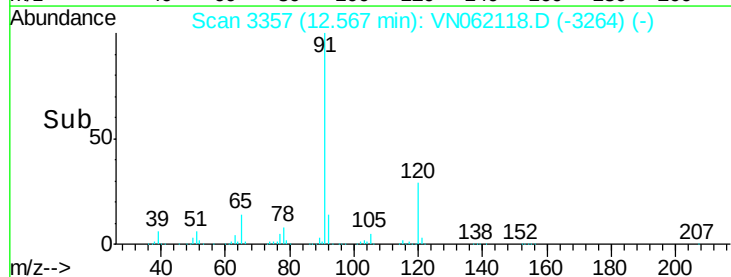
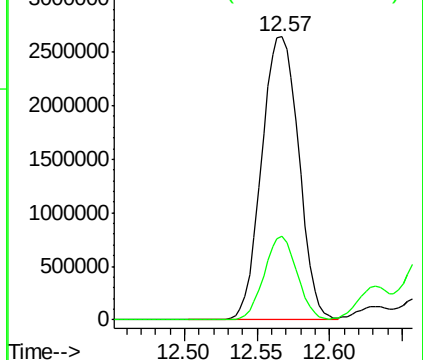
91 100

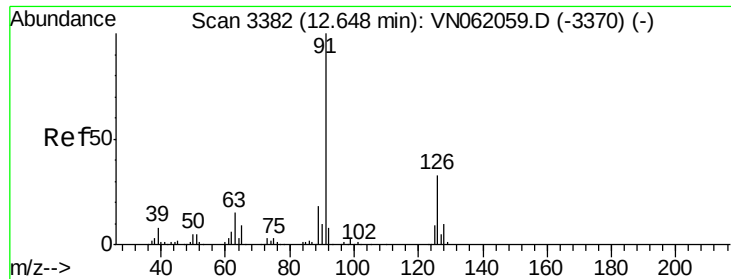
120 26.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

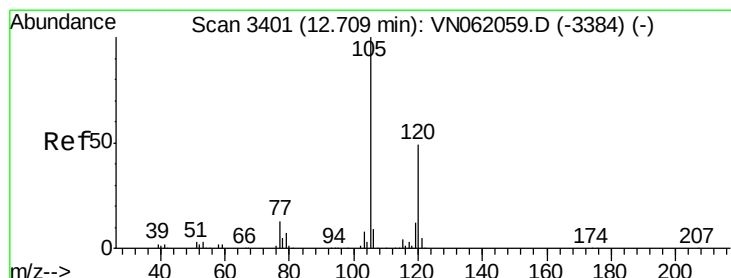
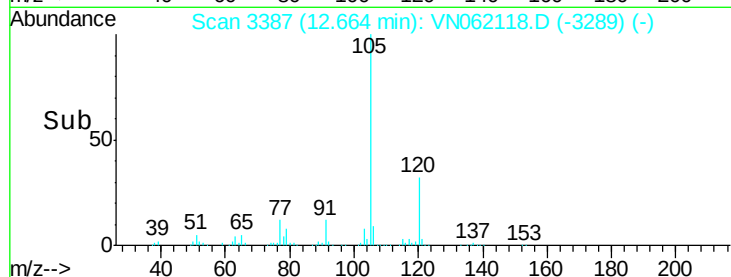
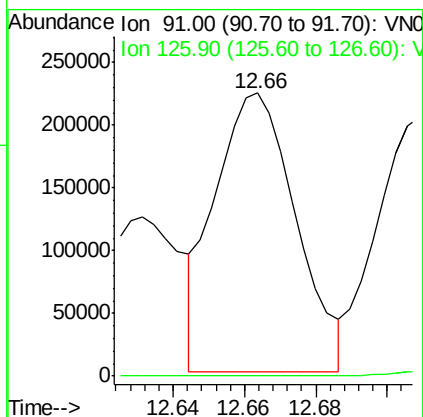
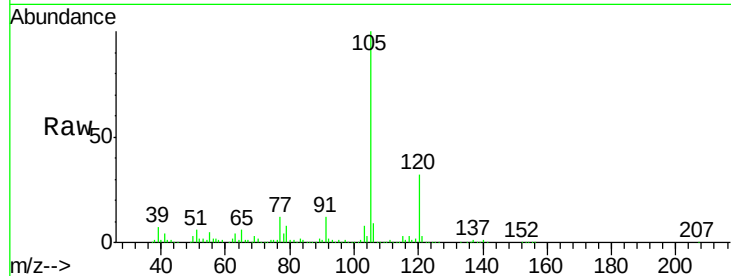




#79
 2-Chlorotoluene
 Concen: 25.731 ug/l
 RT: 12.66 min Scan# 3387
 Delta R.T. 0.02 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

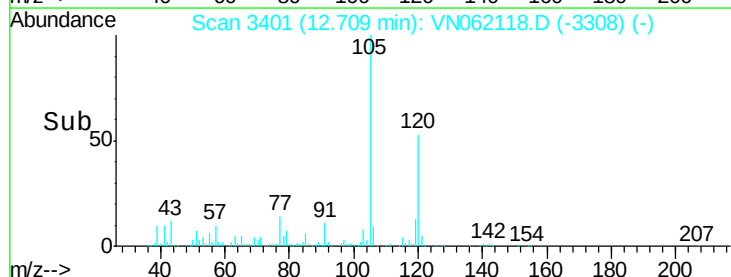
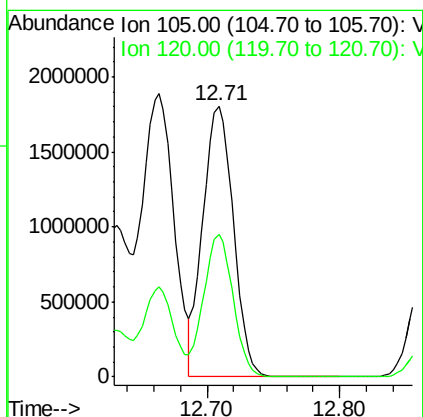
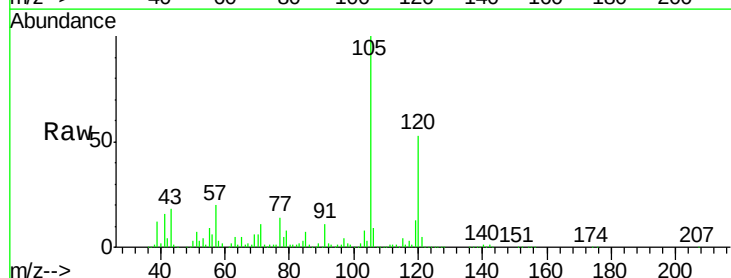
Instrument :
 MSVOA_N
 ClientSampled :
 SB-B

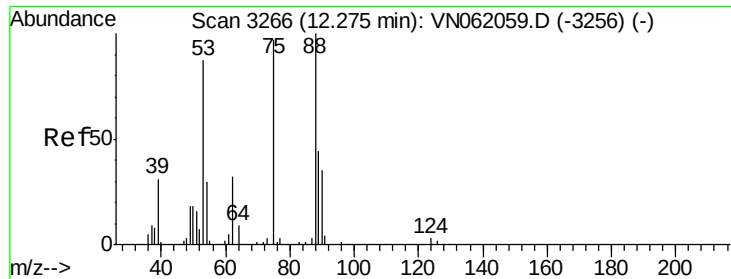
Tgt Ion: 91 Resp: 348545
 Ion Ratio Lower Upper
 91 100
 126 0.1 16.9 50.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 181.288 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

Tgt Ion: 105 Resp: 2878752
 Ion Ratio Lower Upper
 105 100
 120 51.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.825 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.05 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

SB-B

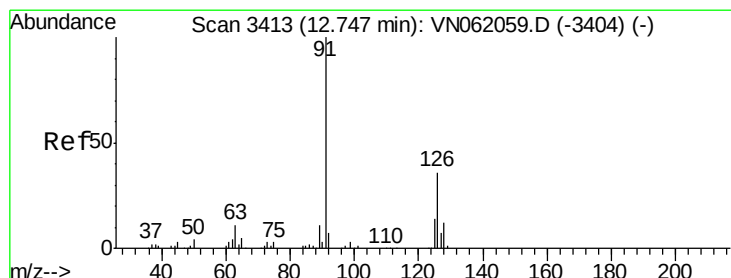
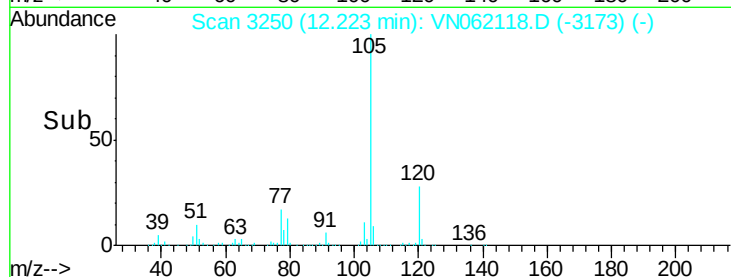
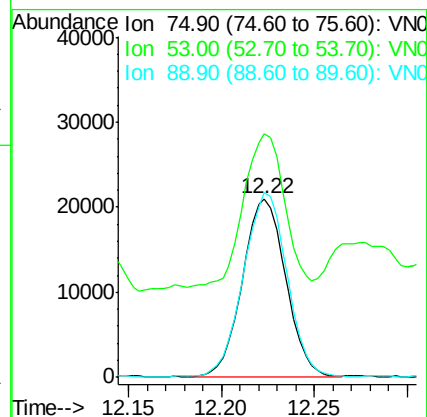
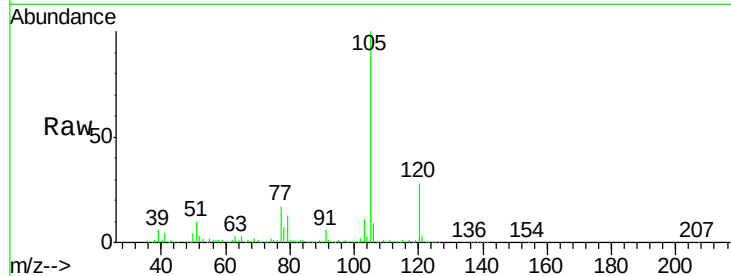
Tgt Ion: 75 Resp: 34320

Ion Ratio Lower Upper

75 100

53 74.8 72.0 108.0

89 104.9 36.9 55.3#



#82

4-Chlorotoluene

Concen: 22.200 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062118.D

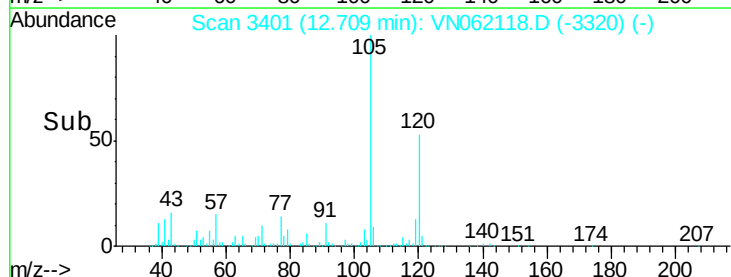
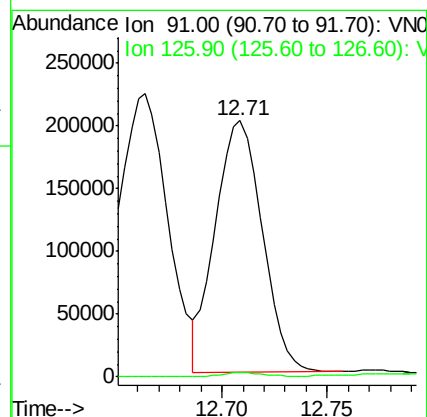
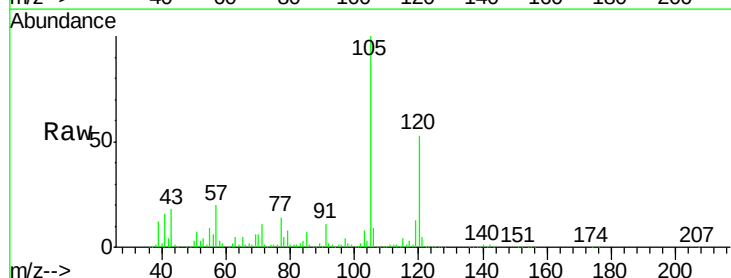
Acq: 25 Jun 2020 18:05

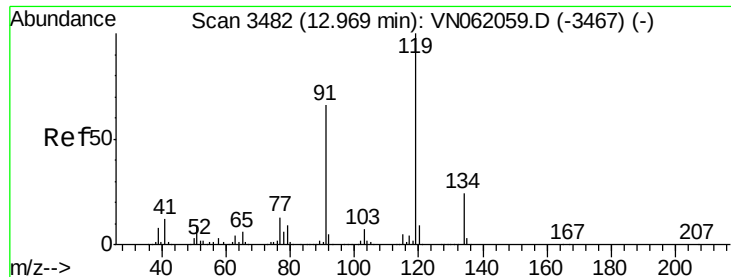
Tgt Ion: 91 Resp: 310974

Ion Ratio Lower Upper

91 100

126 1.7 16.7 50.1#

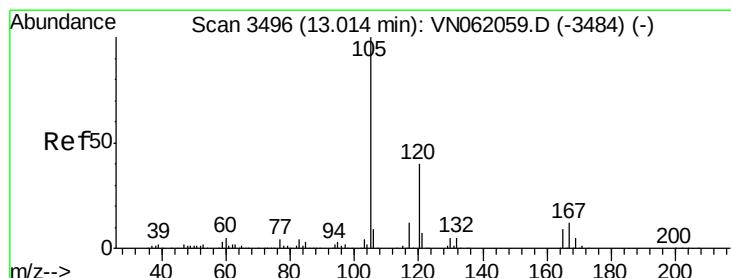
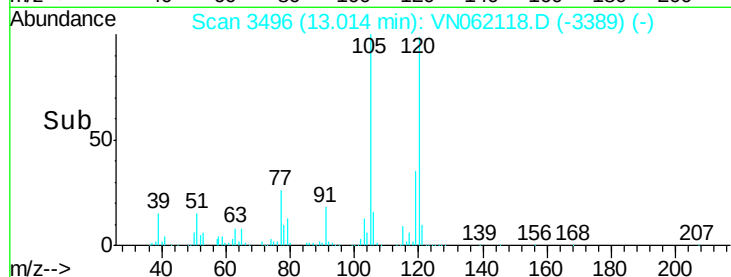
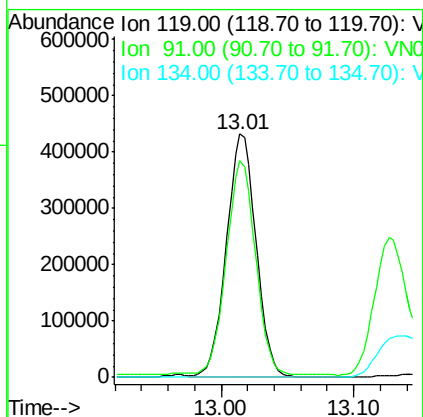
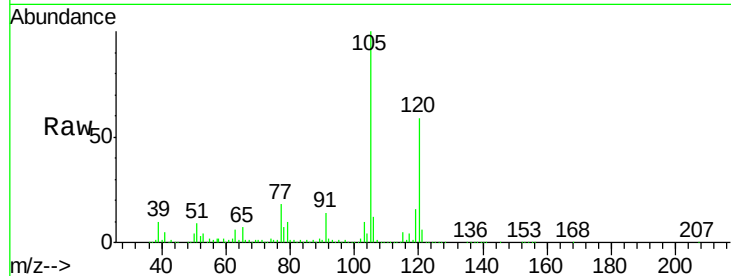




#83
 tert-Butylbenzene
 Concen: 49.241 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.04 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

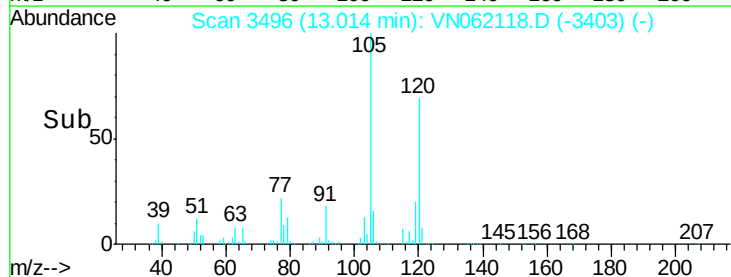
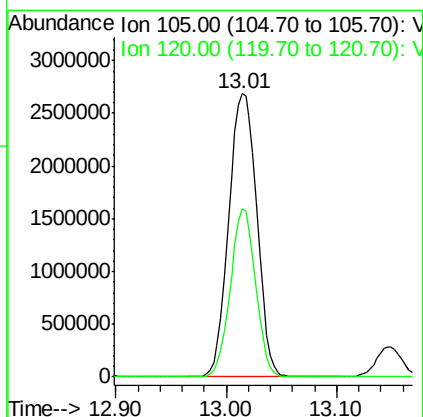
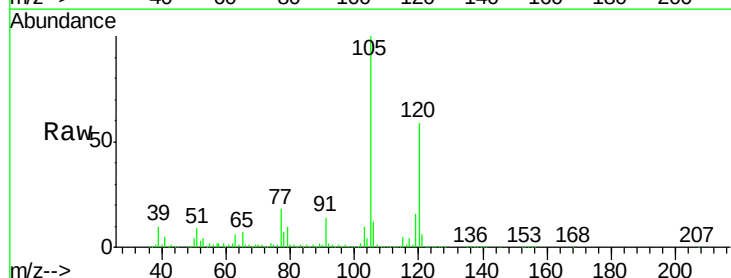
Instrument :
 MSVOA_N
 ClientSampled :
 SB-B

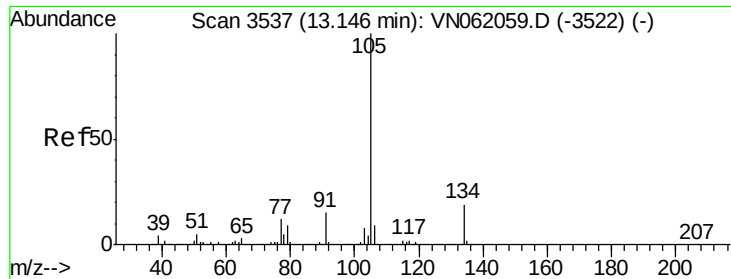
Tgt Ion:119 Resp: 669178
 Ion Ratio Lower Upper
 119 100
 91 86.2 31.7 95.1
 134 0.0 13.1 39.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 298.265 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

Tgt Ion:105 Resp: 4730330
 Ion Ratio Lower Upper
 105 100
 120 53.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 25.369 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

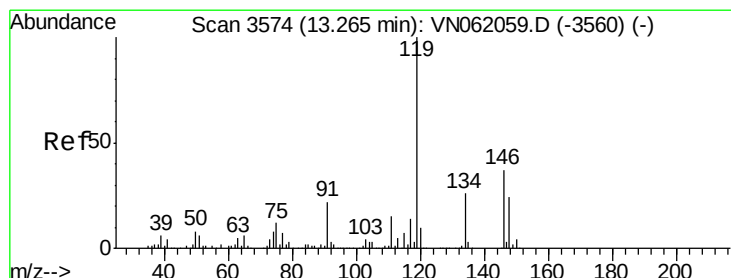
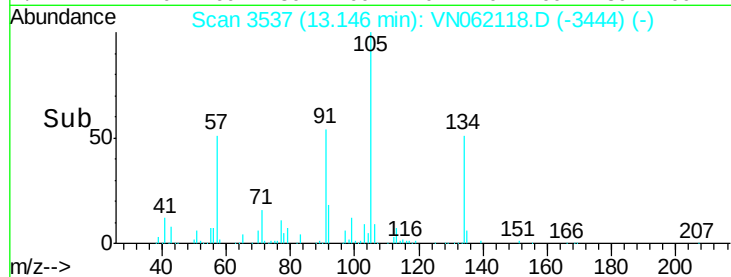
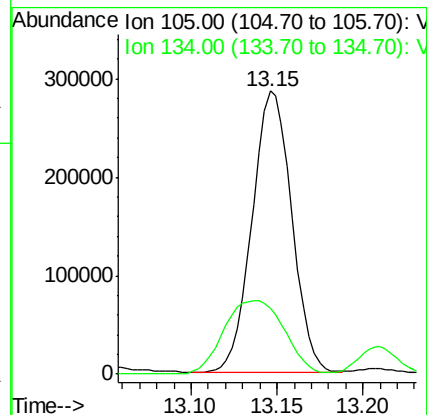
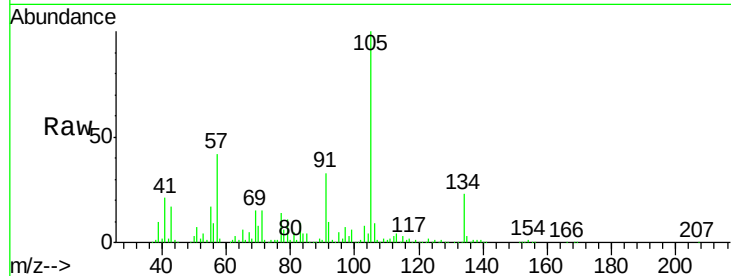
SB-B

Tgt Ion:105 Resp: 455560

Ion Ratio Lower Upper

105 100

134 40.2 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 8.578 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062118.D

Acq: 25 Jun 2020 18:05

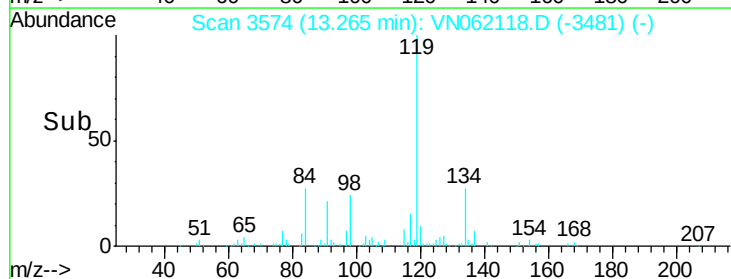
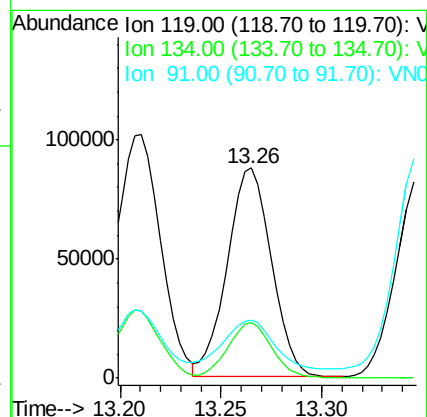
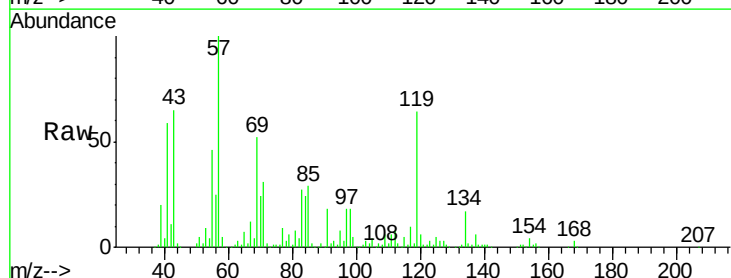
Tgt Ion:119 Resp: 134953

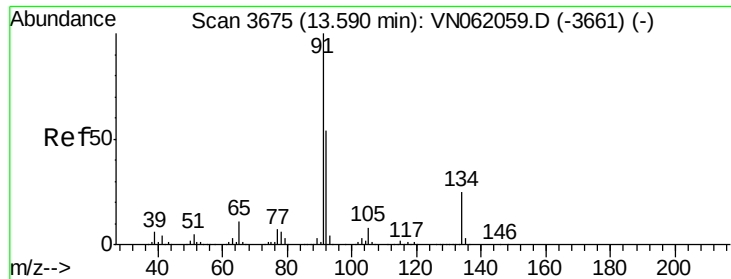
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 25.9 11.3 33.8

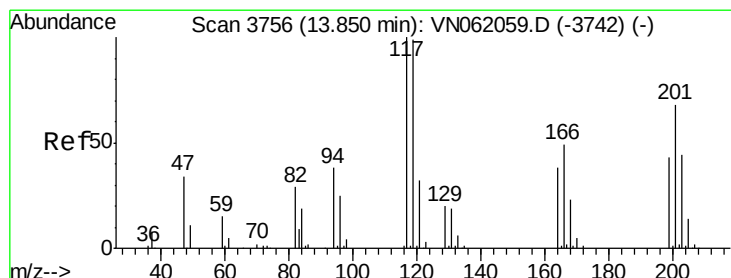
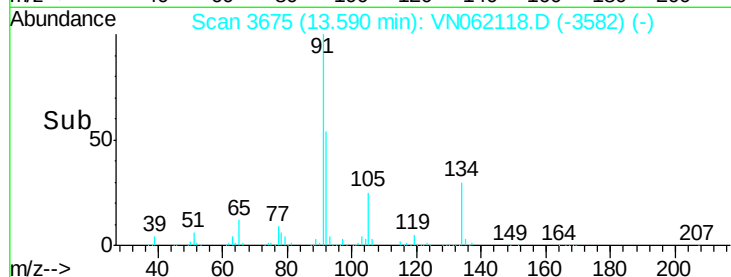
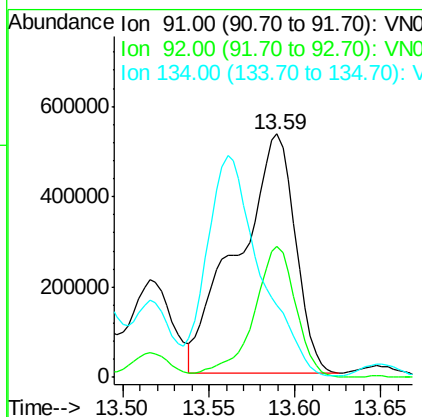
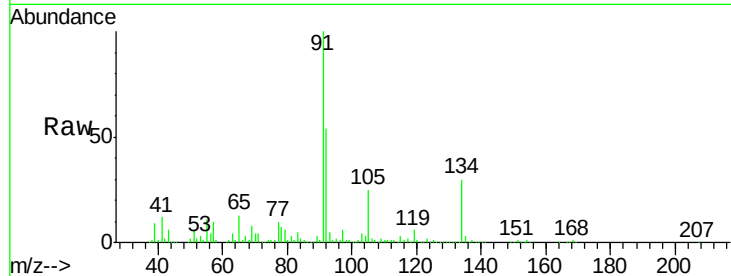




#89
n-Butylbenzene
Concen: 94.040 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

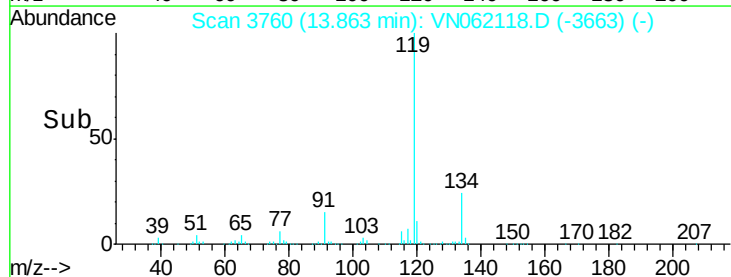
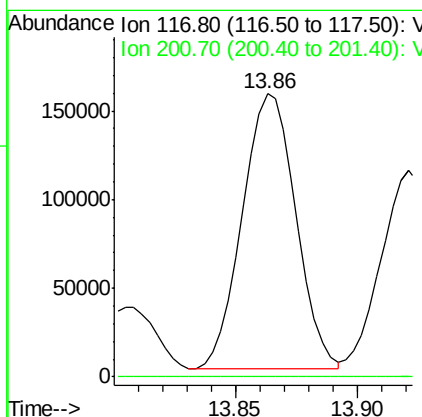
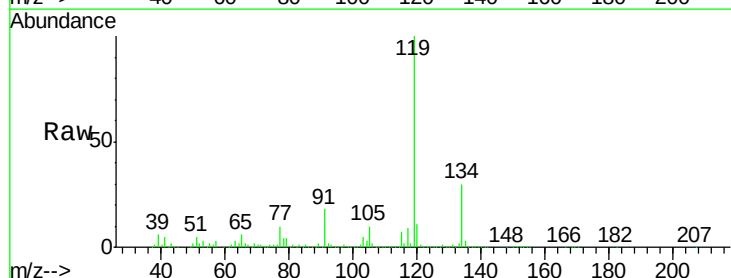
Instrument :
MSVOA_N
ClientSampled :
SB-B

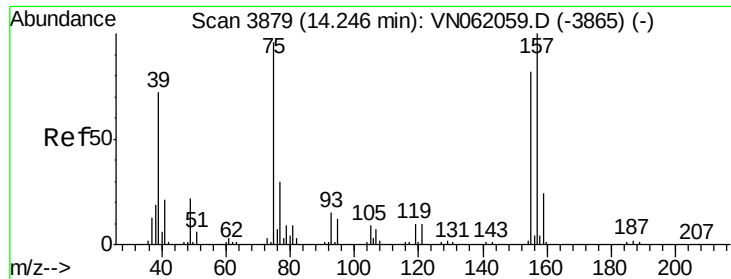
Tgt Ion: 91 Resp: 1230020
Ion Ratio Lower Upper
91 100
92 39.8 26.6 79.7
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 76.421 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN062118.D
Acq: 25 Jun 2020 18:05

Tgt Ion: 117 Resp: 235889
Ion Ratio Lower Upper
117 100
201 0.0 32.7 98.1#

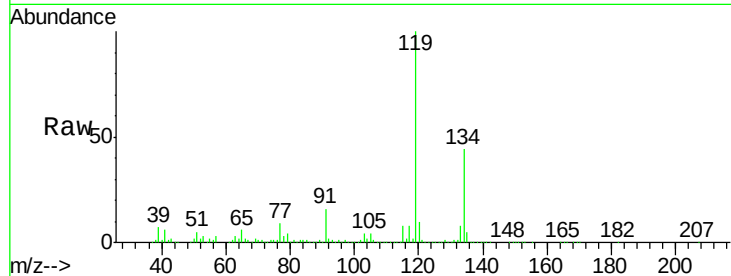




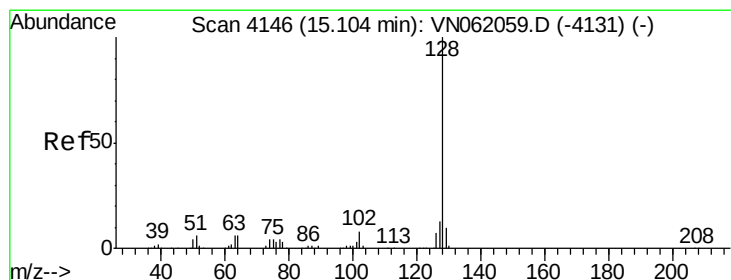
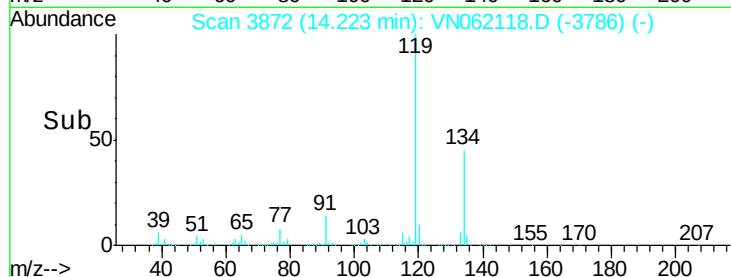
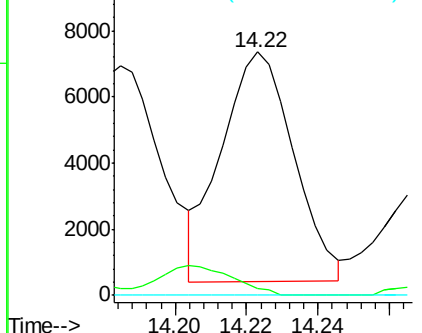
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.318 ug/l
 RT: 14.22 min Scan# 3872
 Delta R.T. -0.02 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-B

Tgt Ion: 75 Resp: 9730
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.8 122.4#
 157 0.0 51.4 154.3#

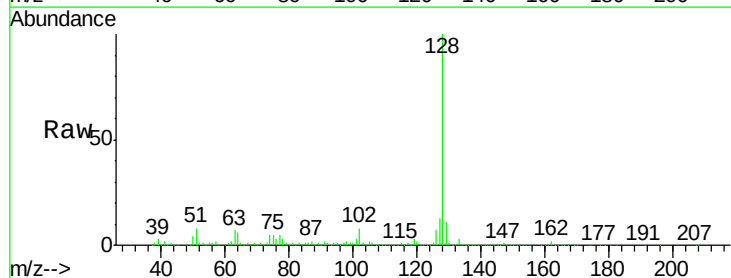


Abundance Ion 74.90 (74.60 to 75.60): VN062118.D (-3786) (-)
 Ion 154.80 (154.50 to 155.50): VN062118.D (-3786) (-)
 Ion 156.80 (156.50 to 157.50): VN062118.D (-3786) (-)



#95
 Naphthalene
 Concen: 97.136 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: VN062118.D
 Acq: 25 Jun 2020 18:05

Tgt Ion: 128 Resp: 1221018
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.5 15.7
 129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VN062118.D (-4053) (-)
 Ion 127.00 (126.70 to 127.70): VN062118.D (-4053) (-)
 Ion 129.00 (128.70 to 129.70): VN062118.D (-4053) (-)

