

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062240.D
 Acq On : 30 Jun 2020 15:26
 Operator : JC/MD
 Sample : L3101-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EBS8-W-04

Quant Time: Jul 01 03:35:26 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	193970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	354370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122414	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	149674	54.99	ug/l	0.00
Spiked Amount			Recovery	=	109.98%	
35) Dibromofluoromethane	7.55	113	120910	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	10.06	98	481308	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	148401	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	

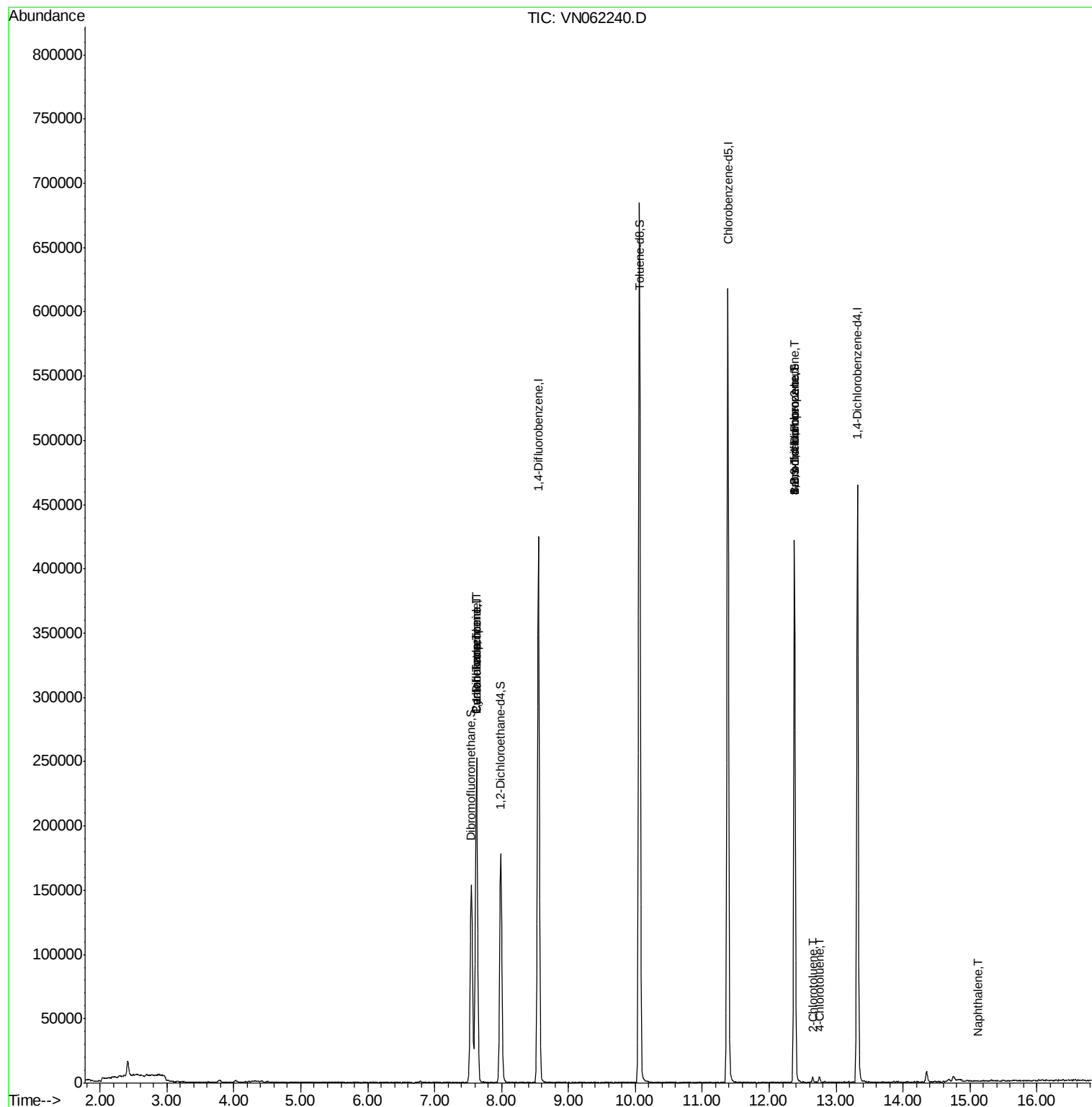
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1264	Below Cal		97
16) Acetone	3.79	43	2929	Below Cal		93
20) Methylene Chloride	4.49	84	311	Below Cal	#	75
31) Cyclohexane	7.62	56	4920	1.308	ug/l #	29
36) 1,1-Dichloropropene	7.63	75	16763	4.421	ug/l #	48
38) Carbon Tetrachloride	7.63	117	19958	5.583	ug/l #	16
71) Bromoform	12.38	173	1351	0.706	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	78132	27.113	ug/l #	100
79) 2-Chlorotoluene	12.64	91	3202	0.489	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	78132	79.180	ug/l #	13
82) 4-Chlorotoluene	12.75	91	3597	0.531	ug/l	90
95) Naphthalene	15.11	128	58	4.004	ug/l #	69

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062240.D
Acq On : 30 Jun 2020 15:26
Operator : JC/MD
Sample : L3101-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EBS8-W-04

Quant Time: Jul 01 03:35:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

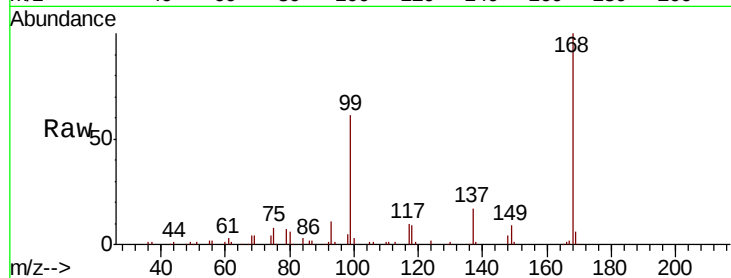
EBS8-W-04

Tot Ion:168 Resp: 193970

Ion Ratio Lower Upper

168 100

99 61.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062240.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062240.D (-1727) (-)

7.63

80000

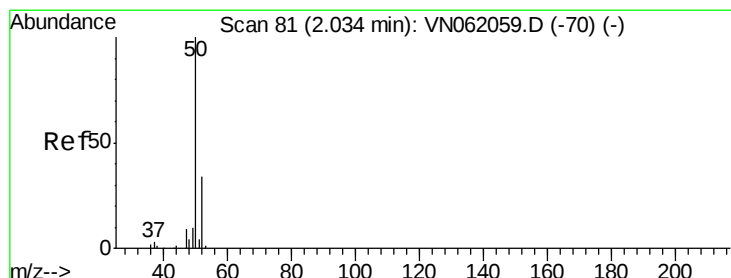
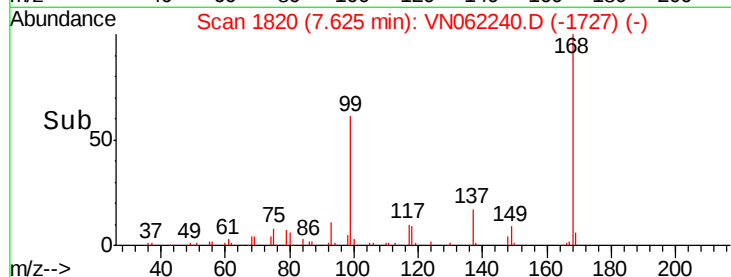
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062240.D

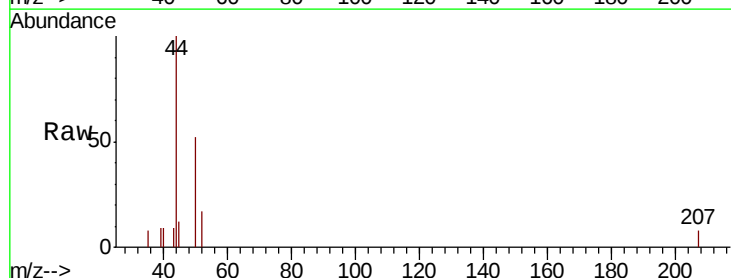
Acq: 30 Jun 2020 15:26

Tgt Ion: 50 Resp: 1264

Ion Ratio Lower Upper

50 100

52 32.0 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN062240.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN062240.D (-1) (-)

2.03

1200

1000

800

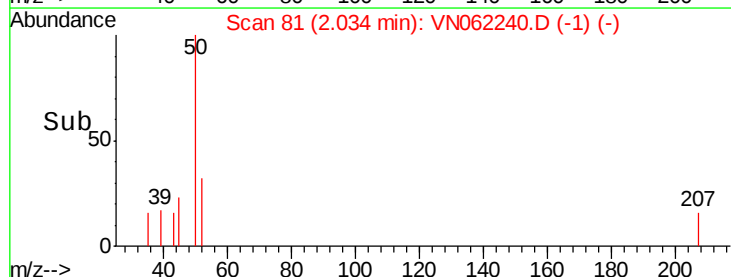
600

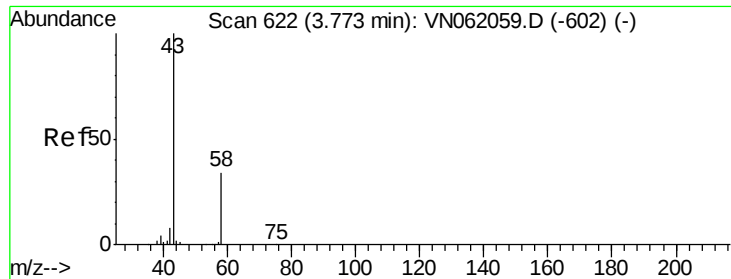
400

200

0

Time--> 2.00 2.02 2.04 2.06





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

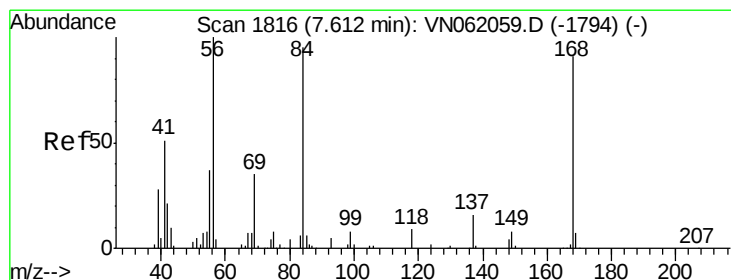
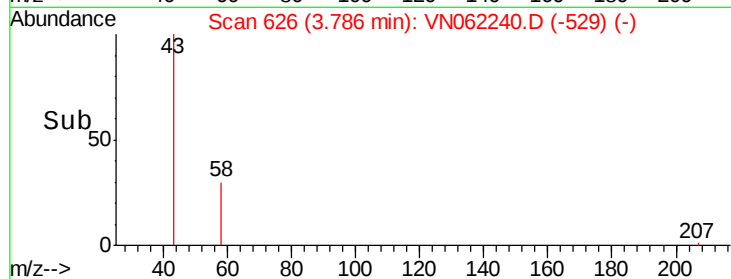
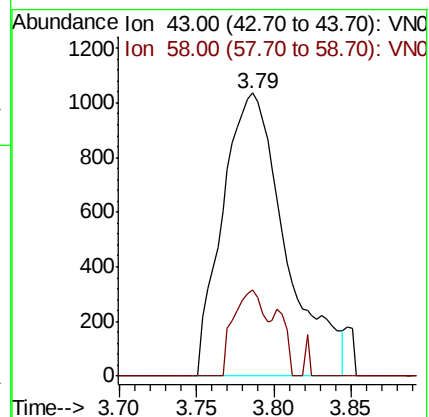
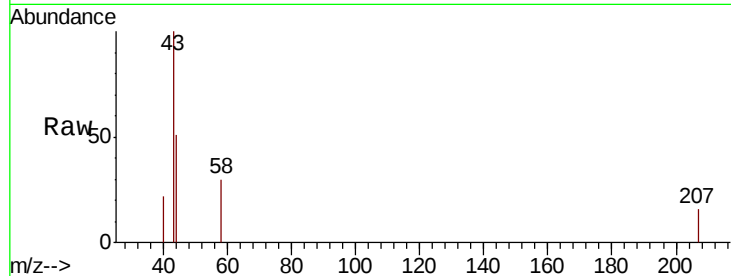
EBS8-W-04

Tot Ion: 43 Resp: 2929

Ion Ratio Lower Upper

43 100

58 30.3 27.5 41.3



#31

Cyclohexane

Concen: 1.308 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

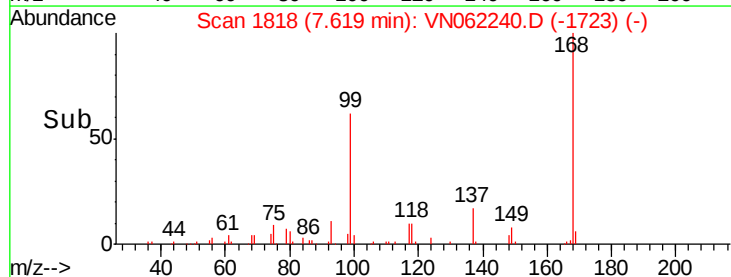
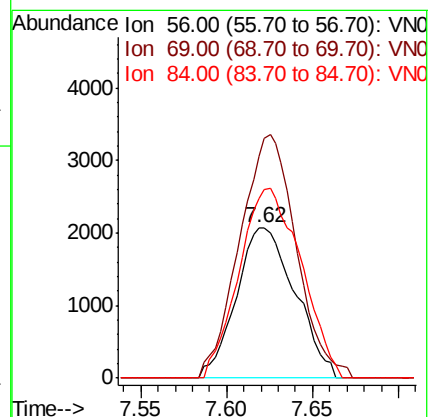
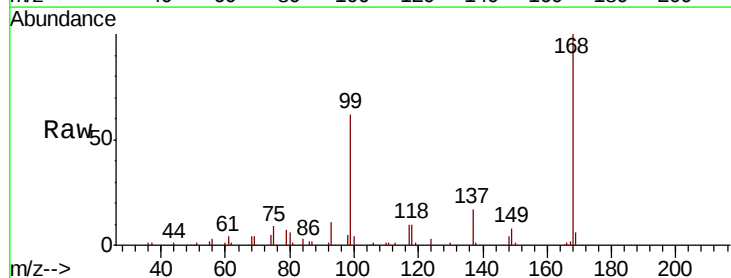
Tgt Ion: 56 Resp: 4920

Ion Ratio Lower Upper

56 100

69 147.7 28.0 42.0#

84 119.9 76.1 114.1#

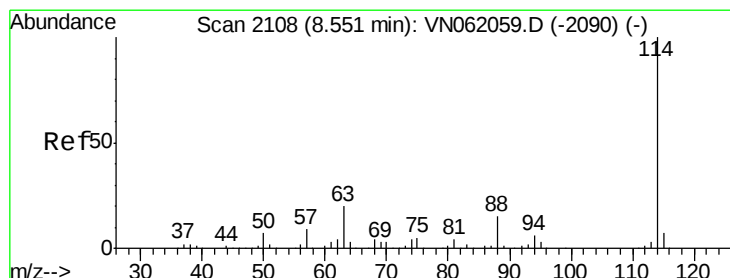
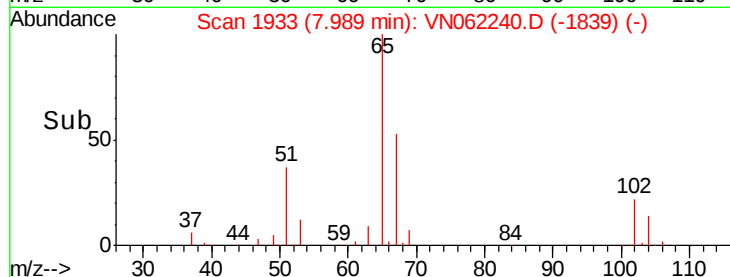
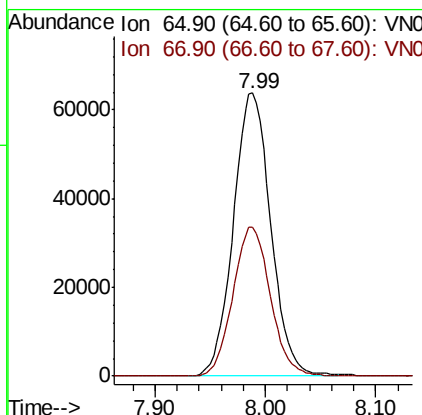
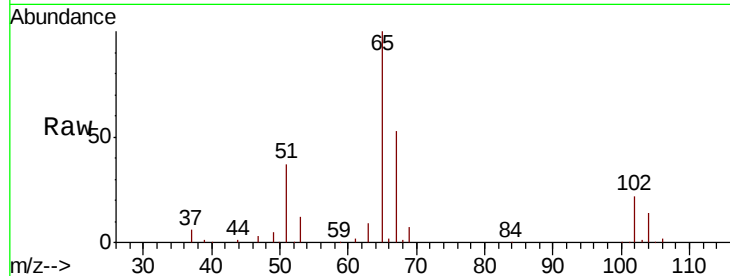




#33
 1,2-Dichloroethane-d4
 Concen: 54.986 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062240.D
 Acq: 30 Jun 2020 15:26

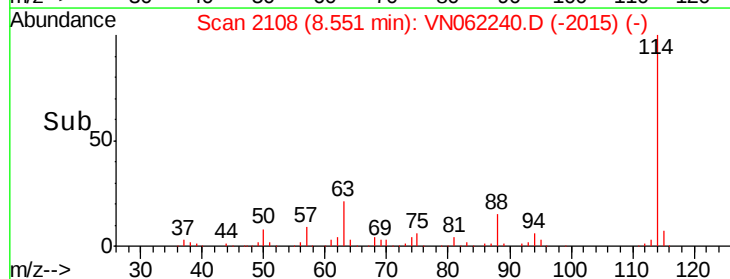
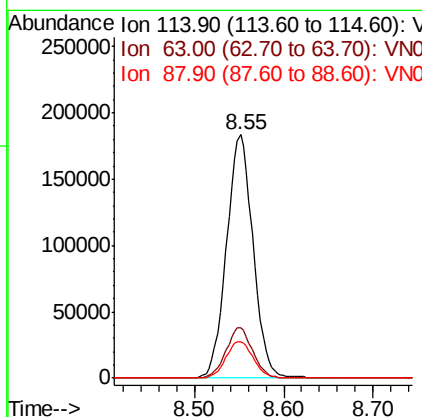
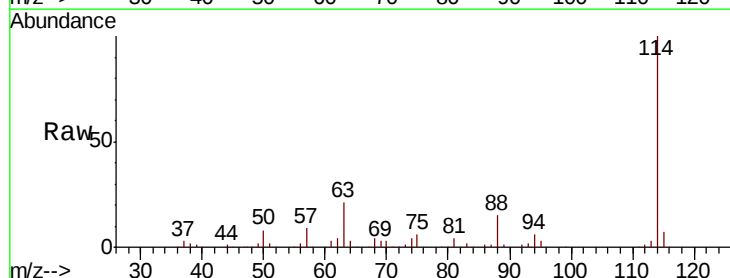
Instrument :
 MSVOA_N
 ClientSampled :
 EBS8-W-04

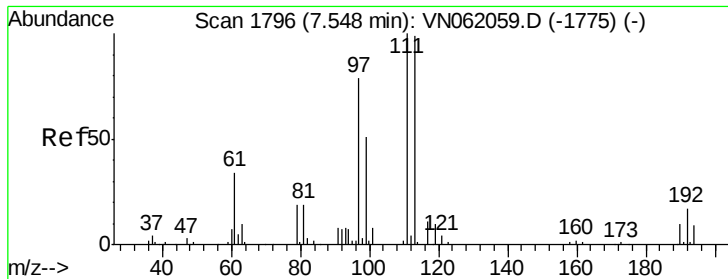
Tot Ion: 65 Resp: 149674
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062240.D
 Acq: 30 Jun 2020 15:26

Tgt Ion: 114 Resp: 377243
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 15.1 0.0 30.8

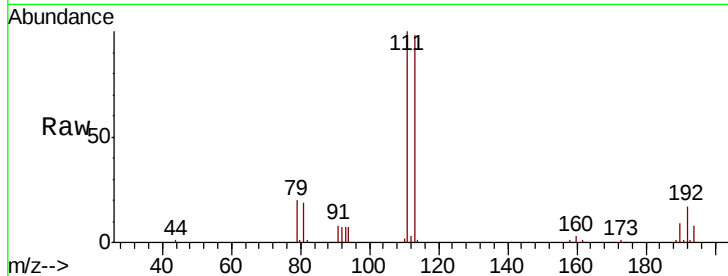




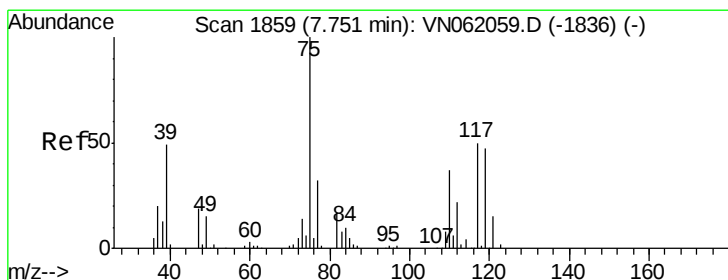
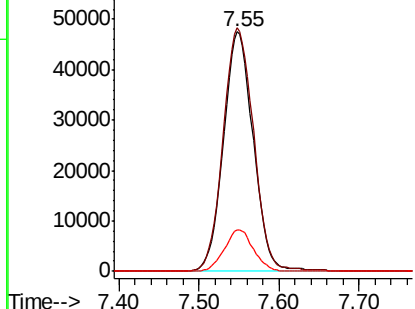
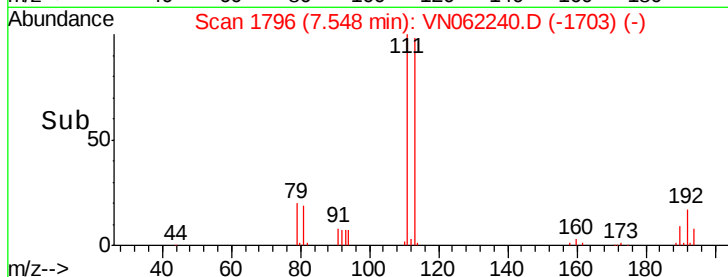
#35
 Dibromofluoromethane
 Concen: 49.959 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062240.D
 Acq: 30 Jun 2020 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EBS8-W-04

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	16.9	14.0	21.0

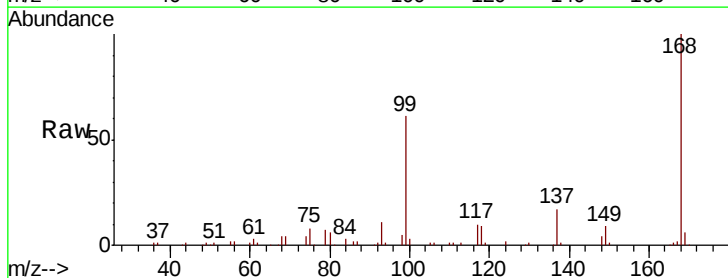


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

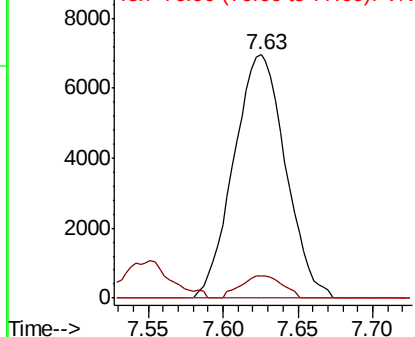
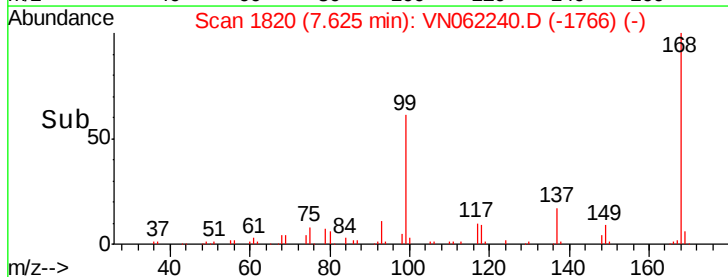


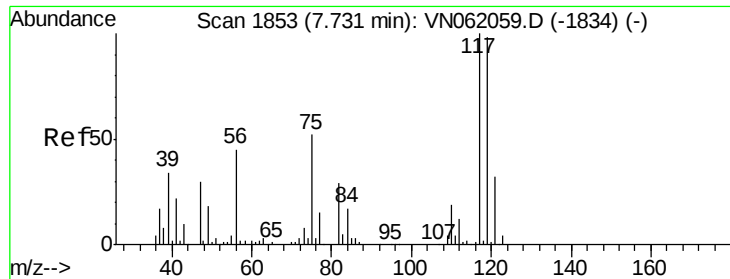
#36
 1,1-Dichloropropene
 Concen: 4.421 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062240.D
 Acq: 30 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.9	53.8#
77	0.0	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

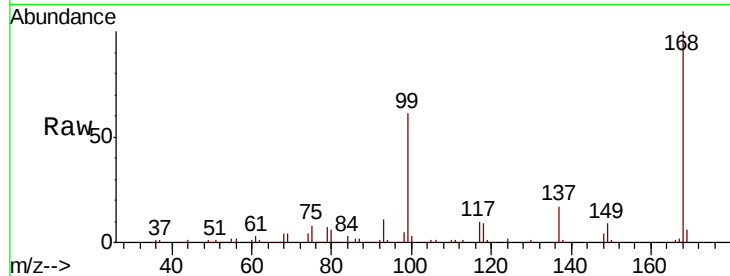




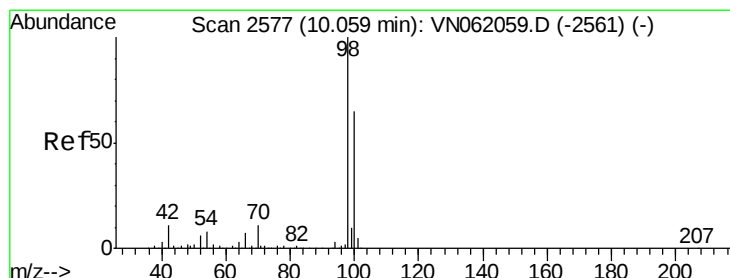
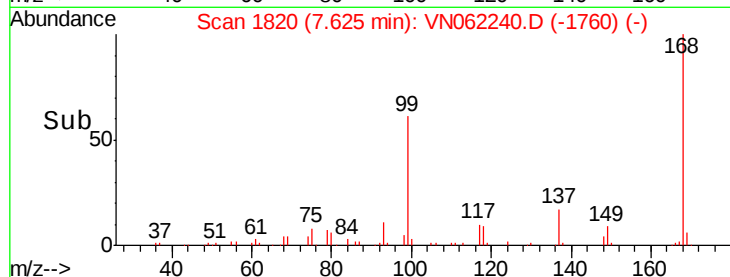
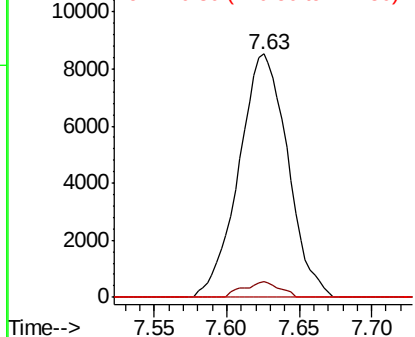
#38
Carbon Tetrachloride
Concen: 5.583 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062240.D
Acq: 30 Jun 2020 15:26

Instrument :
MSVOA_N
ClientSampleId :
EBS8-W-04

Tot Ion:117 Resp: 19958
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 25.8 38.6#

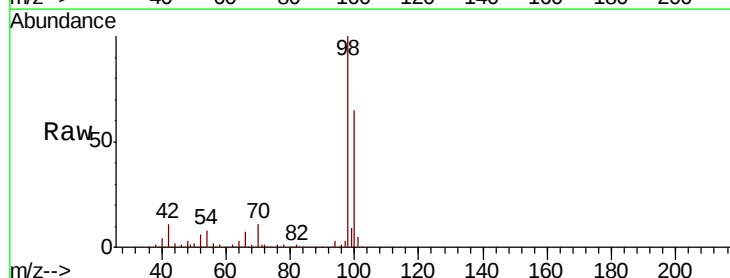


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

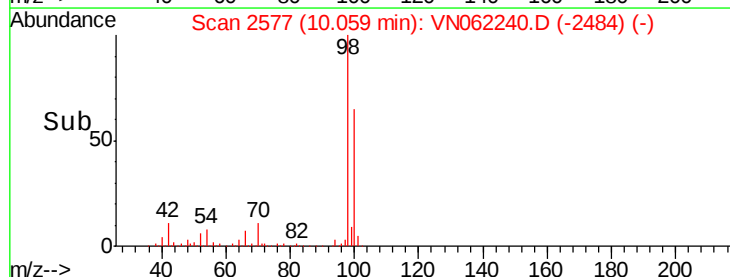
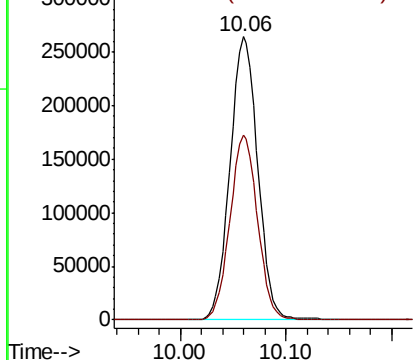


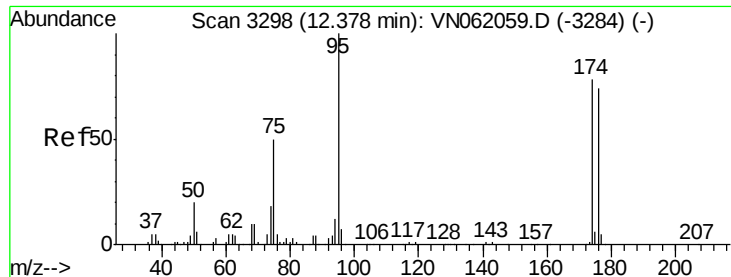
#50
Toluene-d8
Concen: 49.751 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062240.D
Acq: 30 Jun 2020 15:26

Tgt Ion: 98 Resp: 481308
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 45.403 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

EBS8-W-04

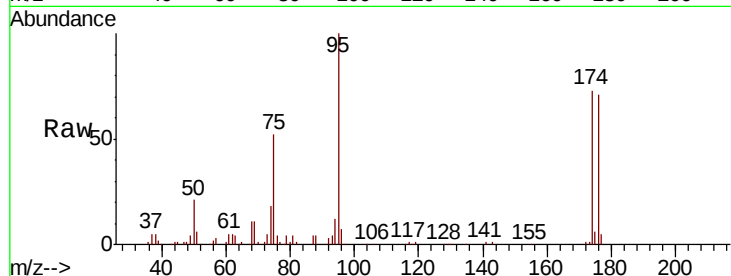
Tot Ion: 95 Resp: 148401

Ion Ratio Lower Upper

95 100

174 74.3 0.0 154.8

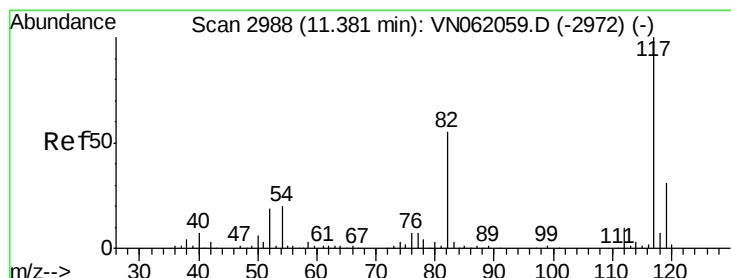
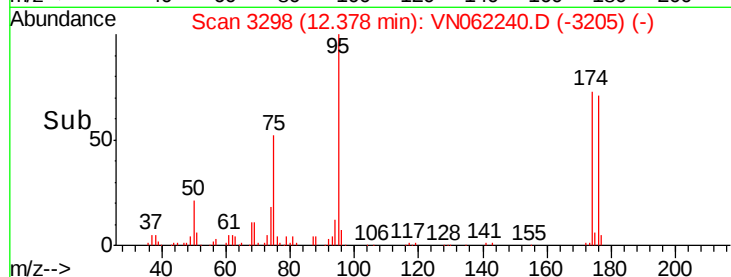
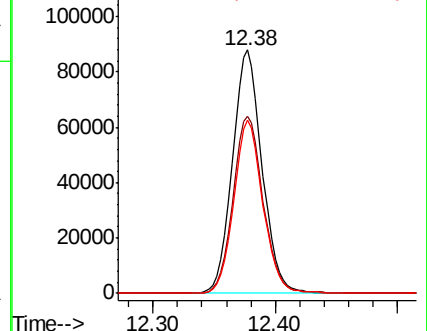
176 69.9 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062240.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062240.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062240.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

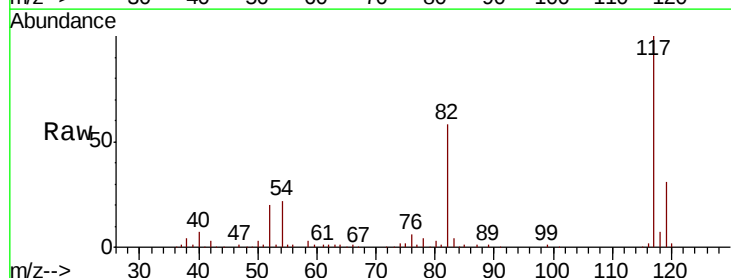
Tgt Ion: 117 Resp: 354370

Ion Ratio Lower Upper

117 100

82 57.7 43.8 65.8

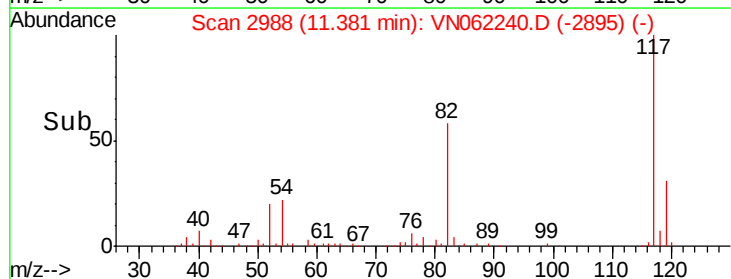
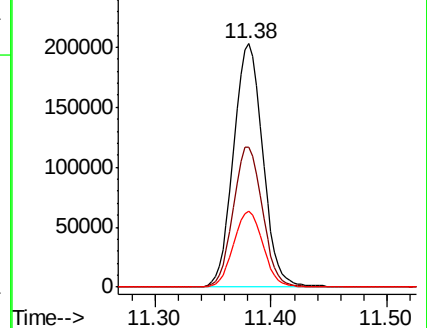
119 31.3 25.2 37.8

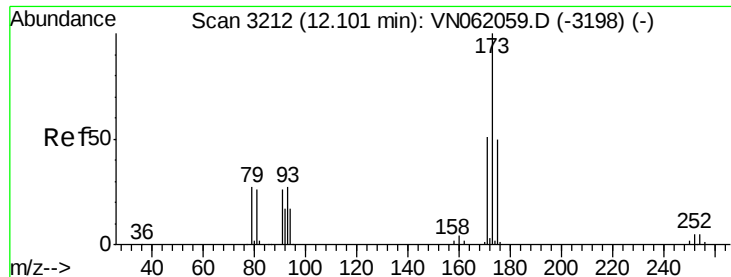


Abundance Ion 116.90 (116.60 to 117.60): VN062240.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062240.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062240.D (-2895) (-)





#71

Bromoform

Concen: 0.706 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampled :

EBS8-W-04

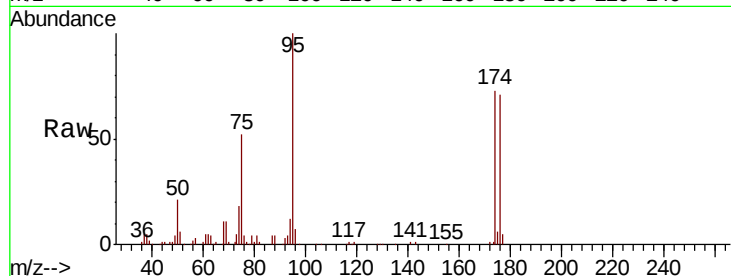
Tot Ion:173 Resp: 1351

Ion Ratio Lower Upper

173 100

175 542.8 24.7 74.1#

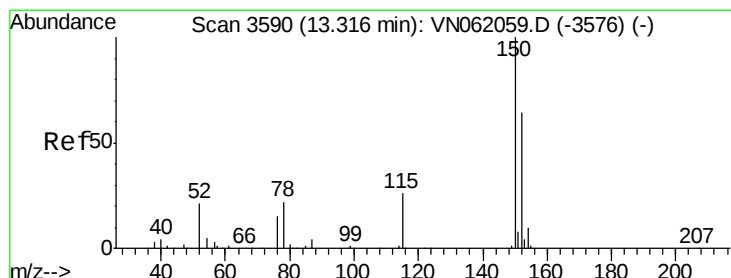
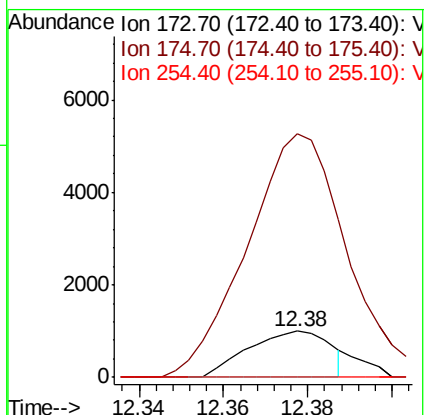
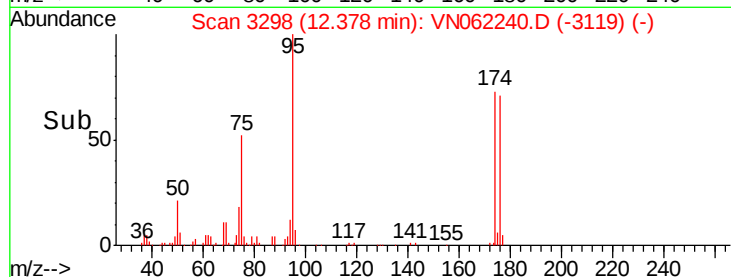
254 0.0 0.0 0.0



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: VN062240.D

Acq: 30 Jun 2020 15:26

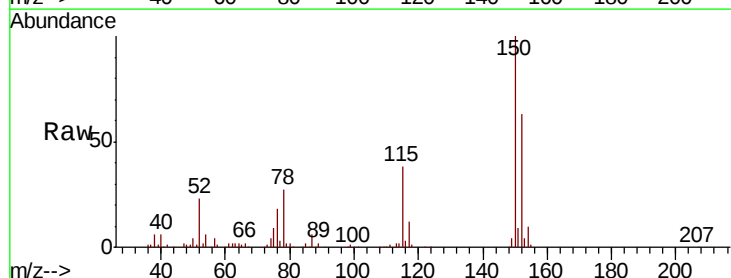
Tgt Ion:152 Resp: 122414

Ion Ratio Lower Upper

152 100

115 59.9 29.5 88.5

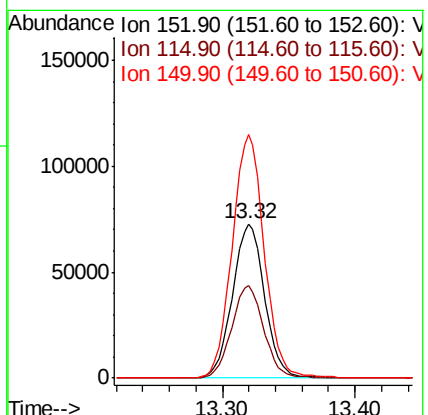
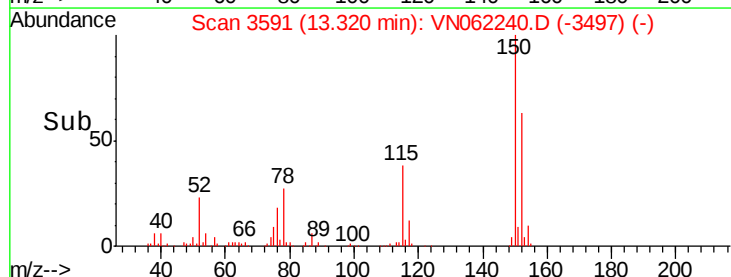
150 157.1 0.0 351.4

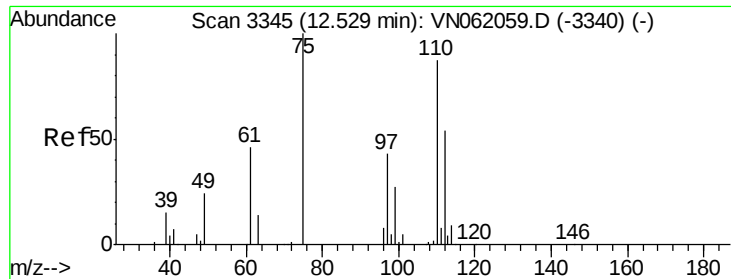


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.113 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampled :

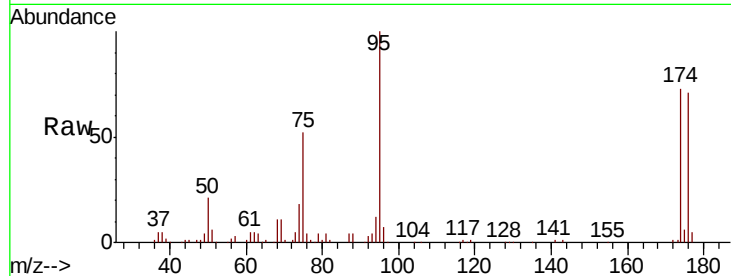
EBS8-W-04

Tot Ion: 75 Resp: 78132

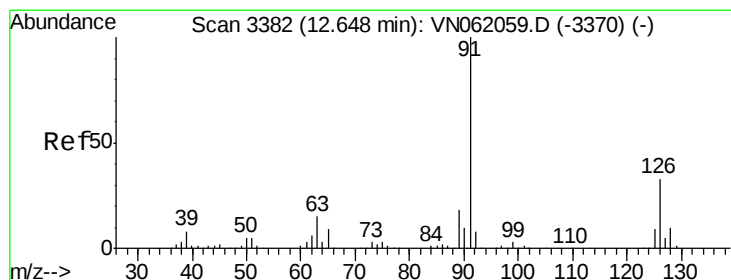
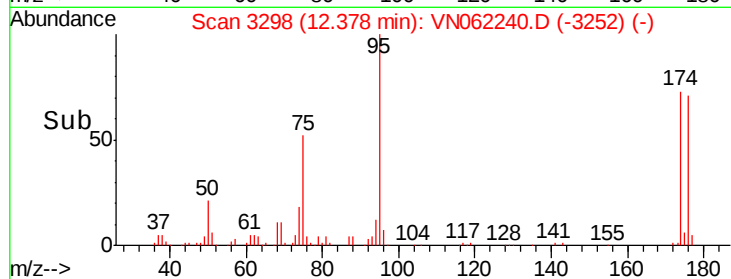
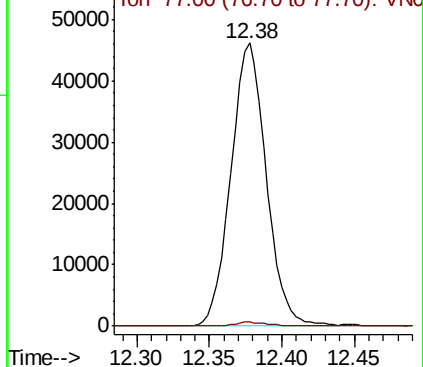
Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN062240.D (-3252) (-)



#79

2-Chlorotoluene

Concen: 0.489 ug/l

RT: 12.64 min Scan# 3381

Delta R.T. -0.00 min

Lab File: VN062240.D

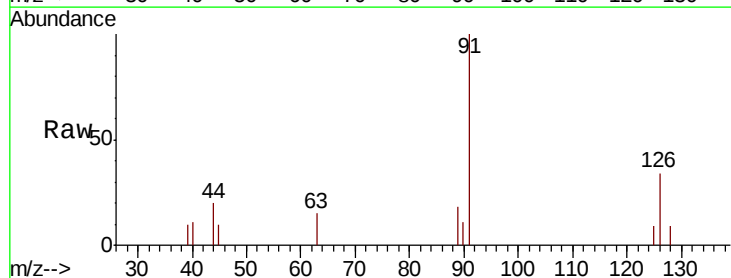
Acq: 30 Jun 2020 15:26

Tgt Ion: 91 Resp: 3202

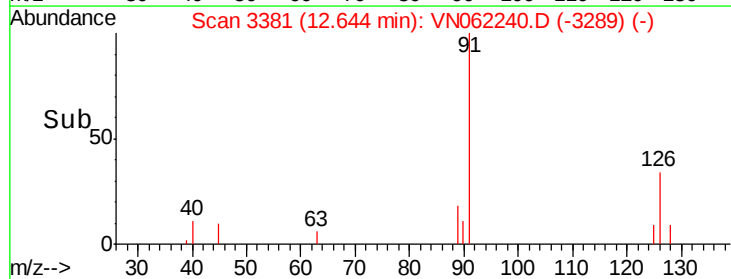
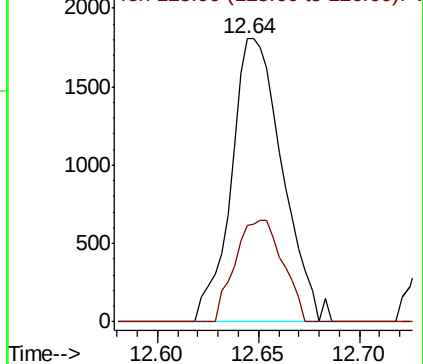
Ion Ratio Lower Upper

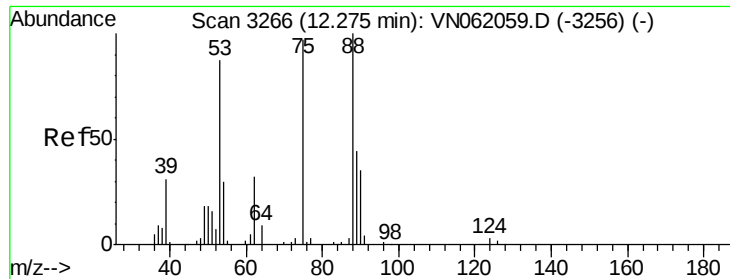
91 100

126 33.6 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062240.D (-3289) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 79.180 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampled :

EBS8-W-04

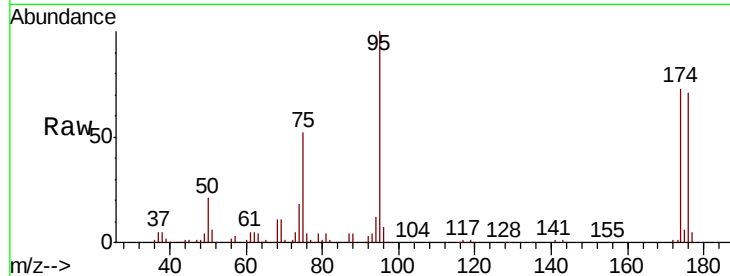
Tot Ion: 75 Resp: 78132

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

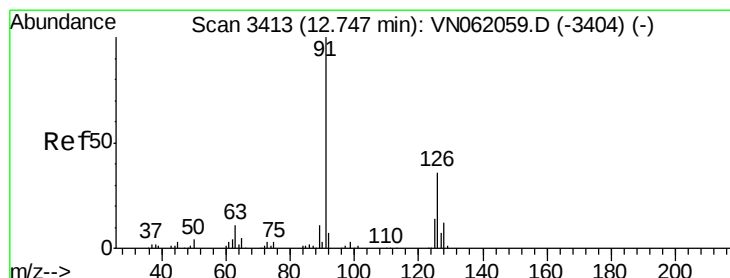
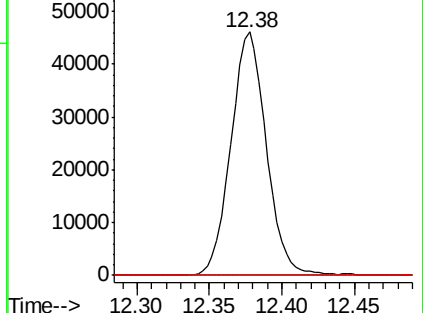
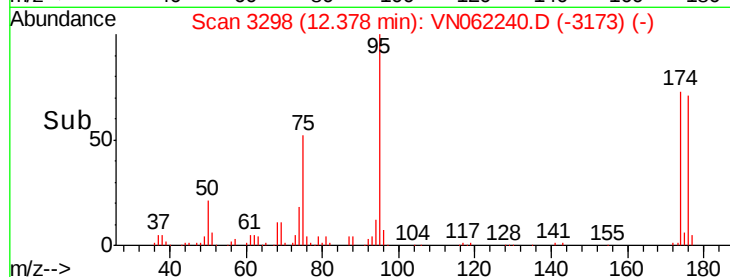
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062240.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062240.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062240.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 0.531 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062240.D

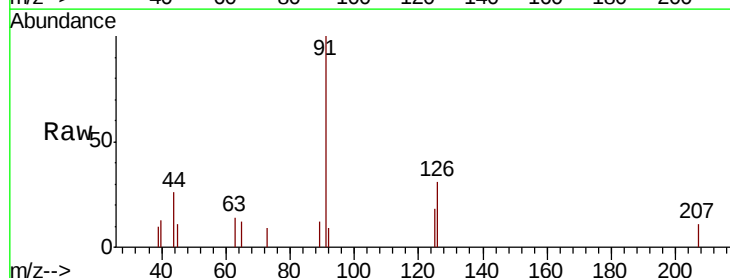
Acq: 30 Jun 2020 15:26

Tgt Ion: 91 Resp: 3597

Ion Ratio Lower Upper

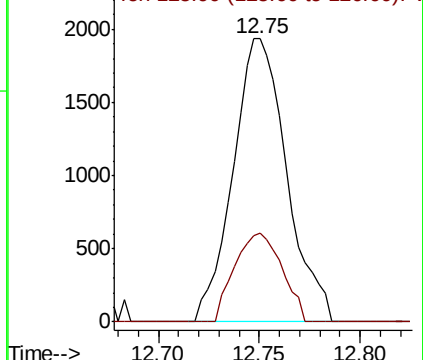
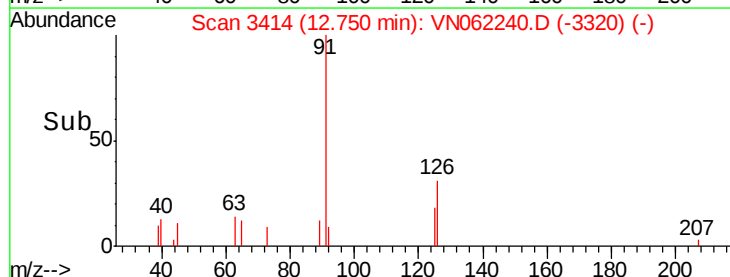
91 100

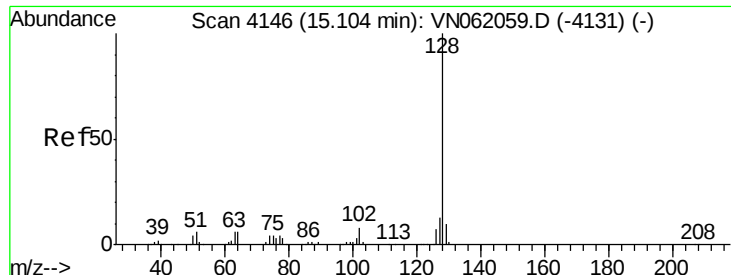
126 27.9 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062240.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062240.D (-3320) (-)





#95

Naphthalene

Concen: 4.004 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062240.D

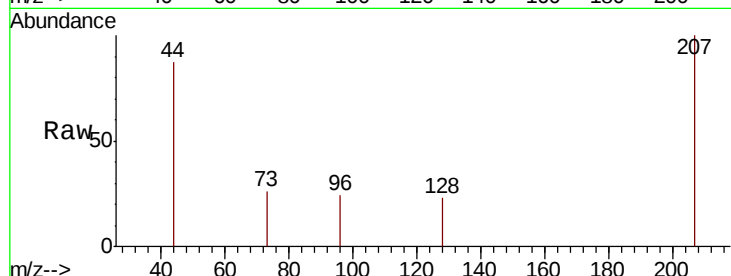
Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

EBS8-W-04



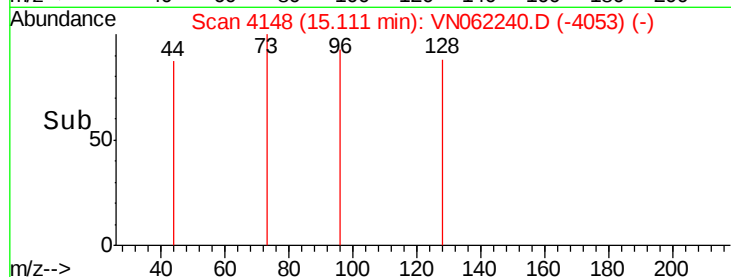
Tot Ion:128 Resp: 58

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

