

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063022.D
 Acq On : 19 Aug 2020 19:10
 Operator : JC/MD
 Sample : L3736-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-200818

Quant Time: Aug 20 01:27:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	142321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	246919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89961	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	90860	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
35) Dibromofluoromethane	7.55	113	81353	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	10.06	98	310871	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.38	95	102406	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	

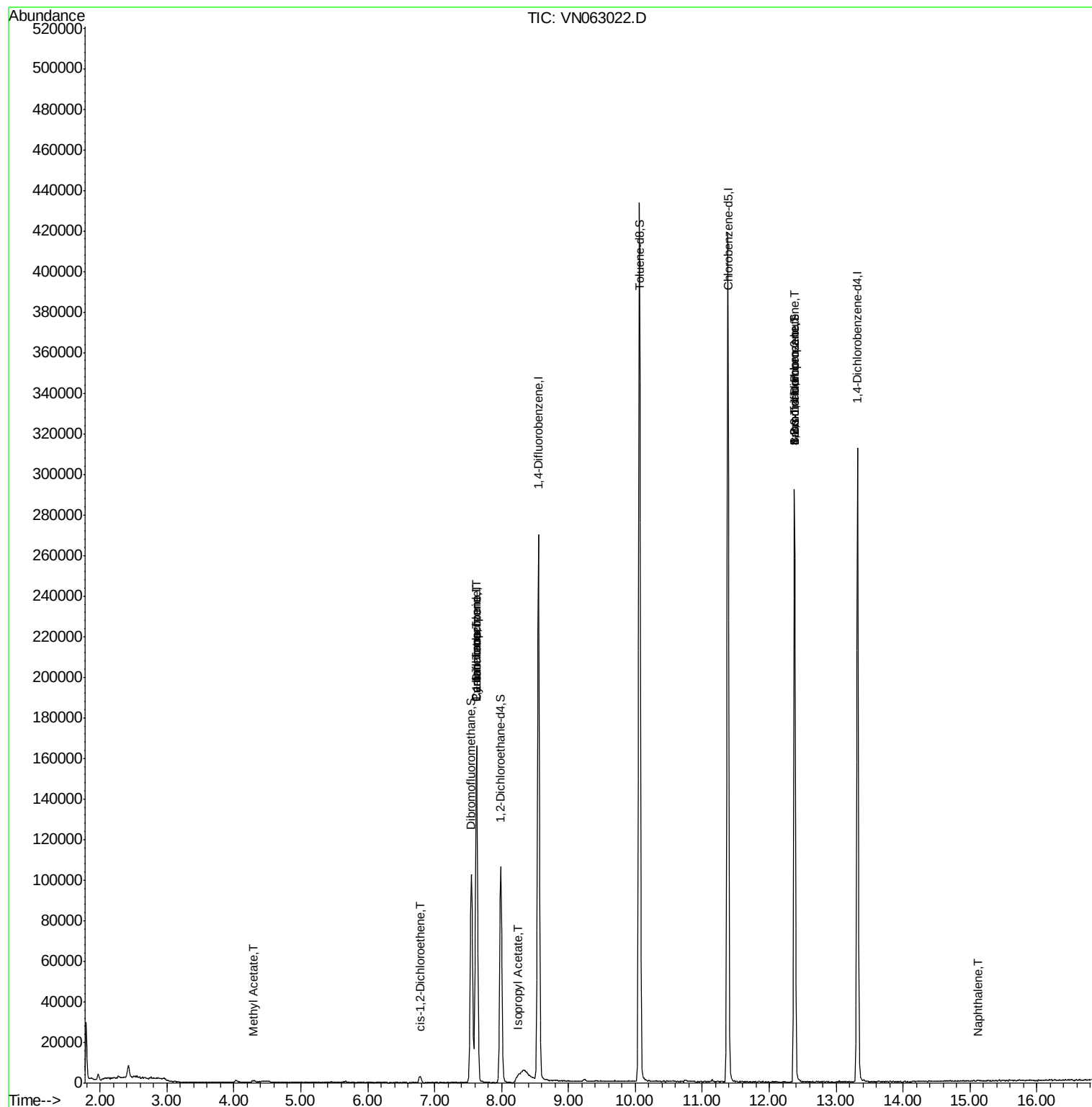
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	238	Below Cal	#	40
18) Methyl Acetate	4.29	43	1554	0.927	ug/l #	52
27) cis-1,2-Dichloroethene	6.78	96	2133	1.346	ug/l	81
31) Cyclohexane	7.63	56	2424	0.975	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	10191	4.725	ug/l #	48
38) Carbon Tetrachloride	7.63	117	12731	5.846	ug/l #	17
43) Isopropyl Acetate	8.24	43	2485	0.742	ug/l #	53
71) Bromoform	12.37	173	930	0.606	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	49405	28.253	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	49405	77.597	ug/l #	15
95) Naphthalene	15.11	128	373	5.734	ug/l #	69

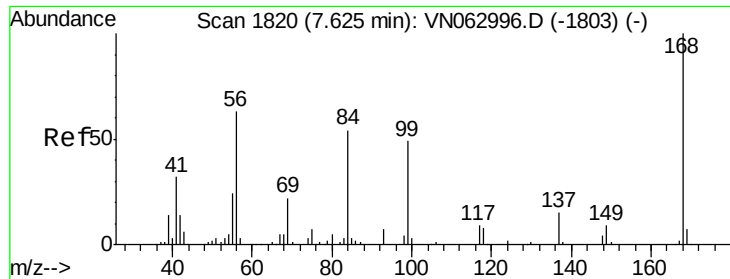
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081920\
Data File : VN063022.D
Acq On : 19 Aug 2020 19:10
Operator : JC/MD
Sample : L3736-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL001-200818

Quant Time: Aug 20 01:27:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 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: VN063022.D

Acq: 19 Aug 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

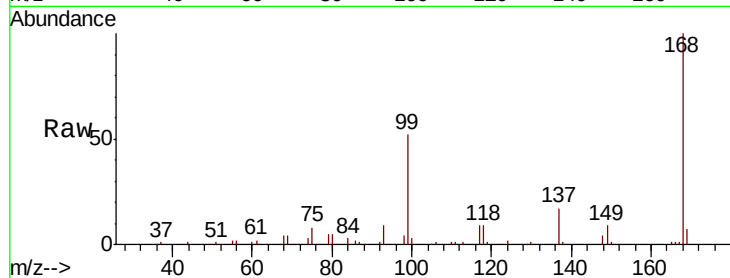
OUTFALL001-200818

Tot Ion:168 Resp: 142321

Ion Ratio Lower Upper

168 100

99 52.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN062996.D (-1803) (-)

Ion 98.90 (98.60 to 99.60): VN062996.D (-1803) (-)

7.63

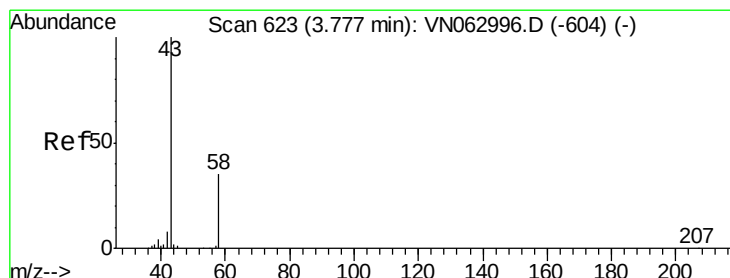
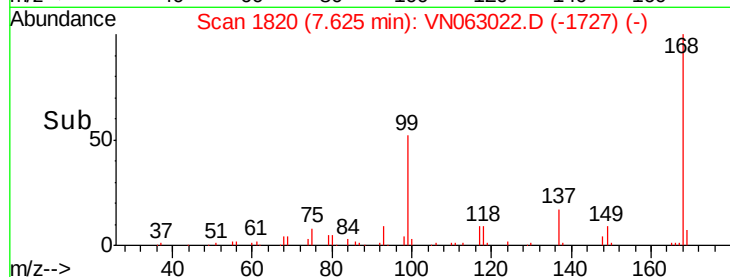
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063022.D

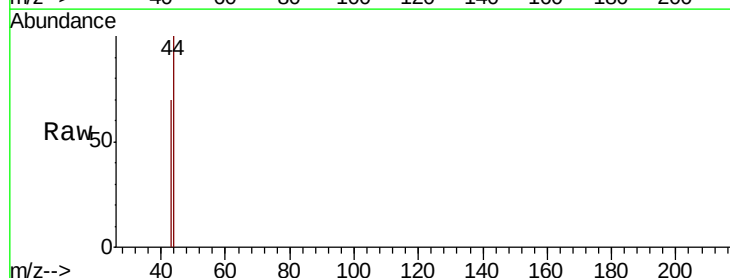
Acq: 19 Aug 2020 19:10

Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-604) (-)

3.78

250

200

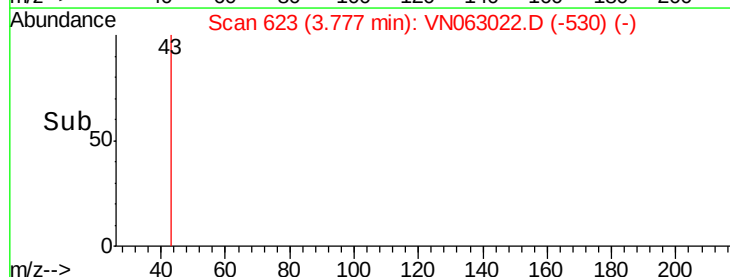
150

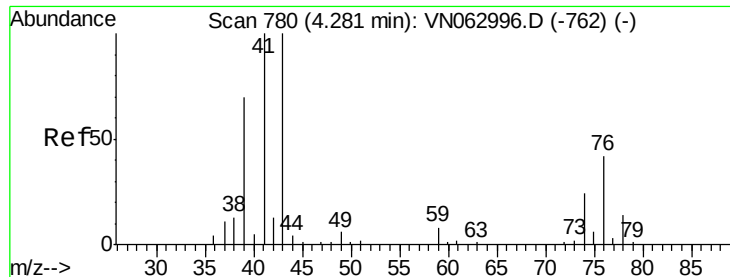
100

50

0

Time--> 3.76 3.77 3.78 3.79

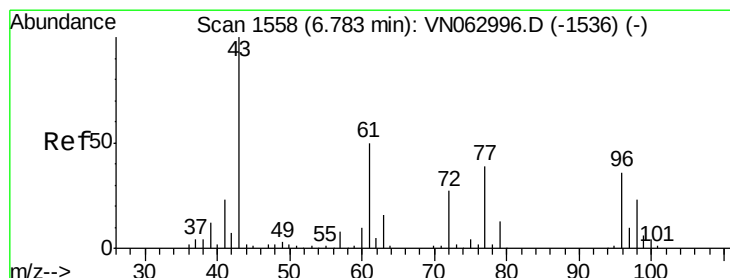
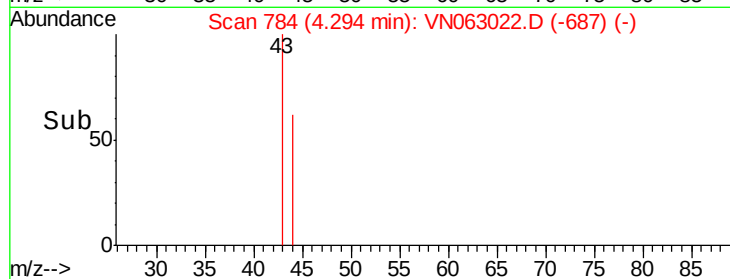
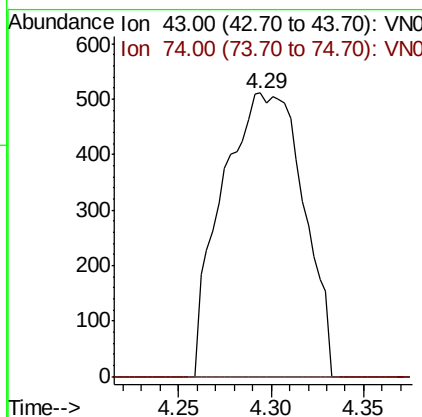
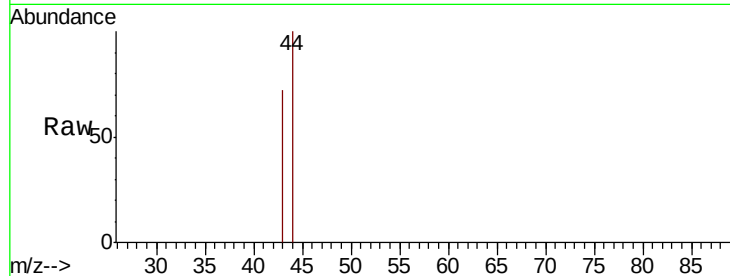




#18
Methyl Acetate
Concen: 0.927 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN063022.D
Acq: 19 Aug 2020 19:10

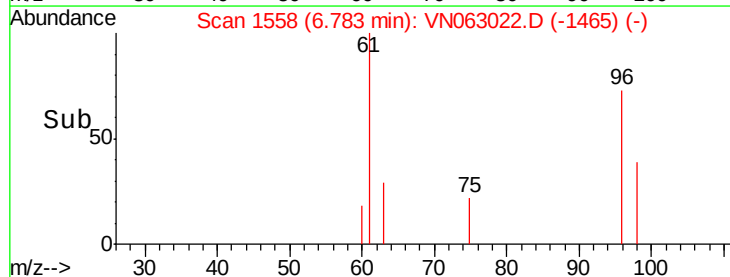
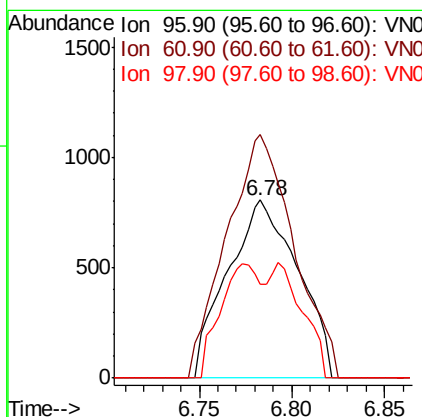
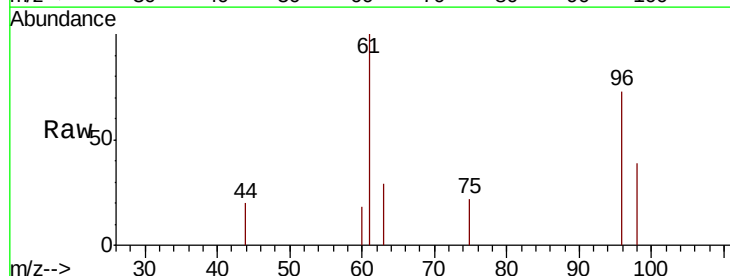
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL001-200818

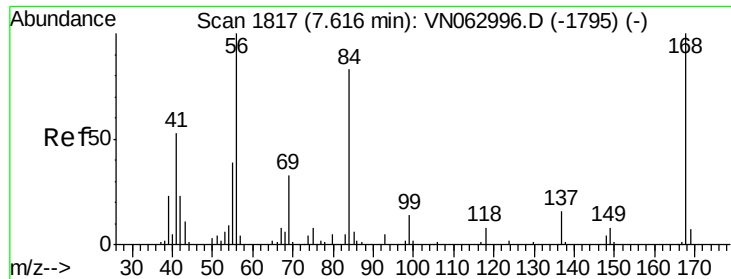
Tot Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#27
cis-1,2-Dichloroethene
Concen: 1.346 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN063022.D
Acq: 19 Aug 2020 19:10

Tgt Ion: 96 Resp: 2133
Ion Ratio Lower Upper
96 100
61 130.8 0.0 292.8
98 39.3 0.0 130.6

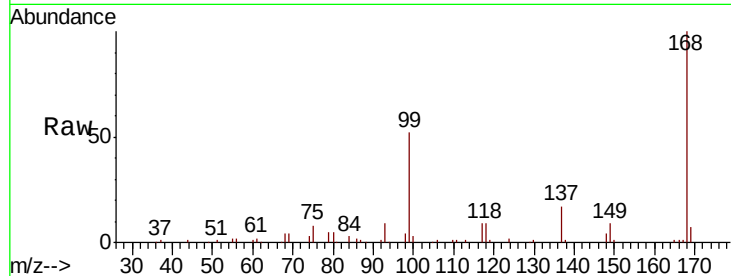




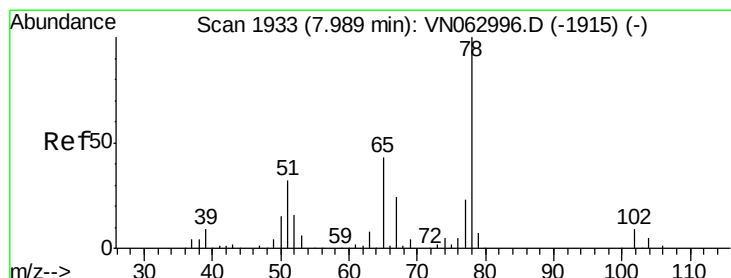
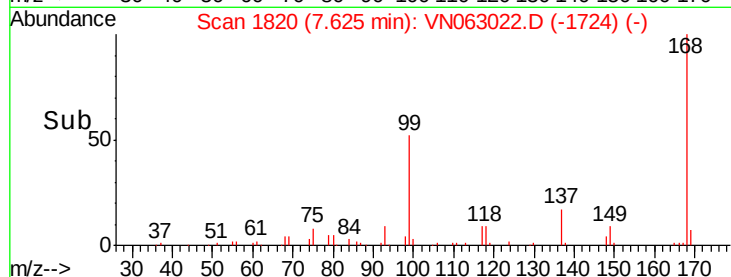
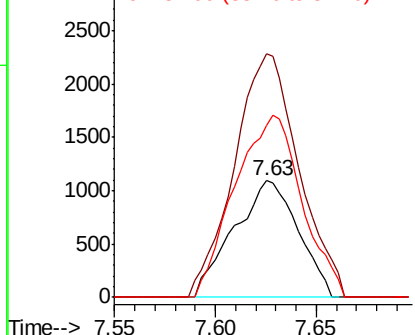
#31
Cyclohexane
Concen: 0.975 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN063022.D
Acq: 19 Aug 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL001-200818

Tot Ion: 56 Resp: 2424
Ion Ratio Lower Upper
56 100
69 208.7 26.6 40.0#
84 146.9 66.4 99.6#

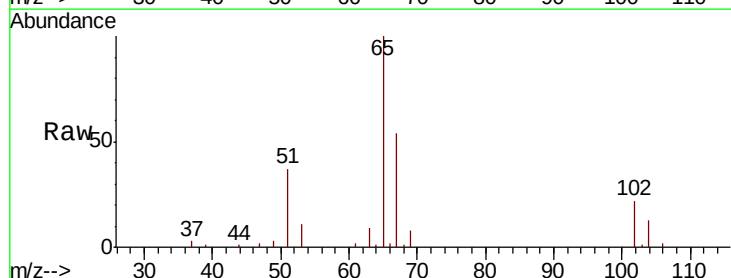


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

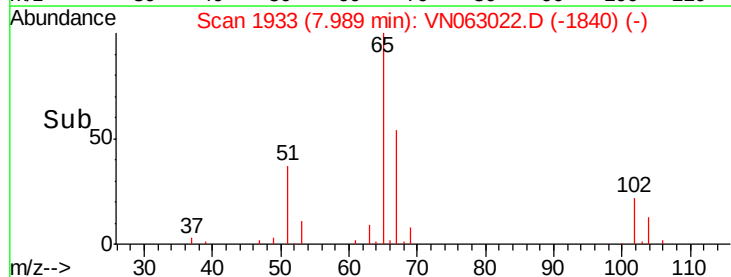
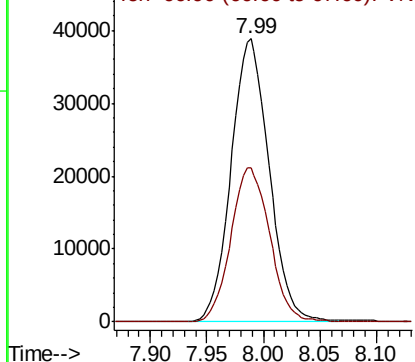


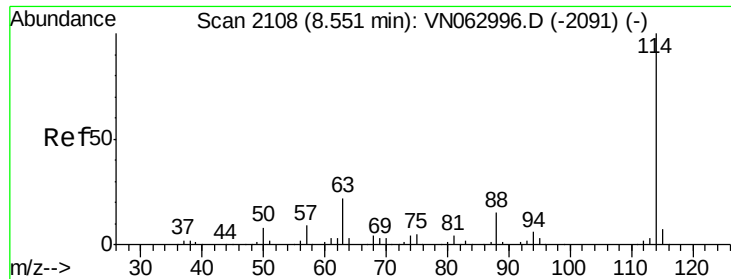
#33
1,2-Dichloroethane-d4
Concen: 53.866 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN063022.D
Acq: 19 Aug 2020 19:10

Tgt Ion: 65 Resp: 90860
Ion Ratio Lower Upper
65 100
67 55.6 0.0 112.0



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN063022.D

Acq: 19 Aug 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-200818

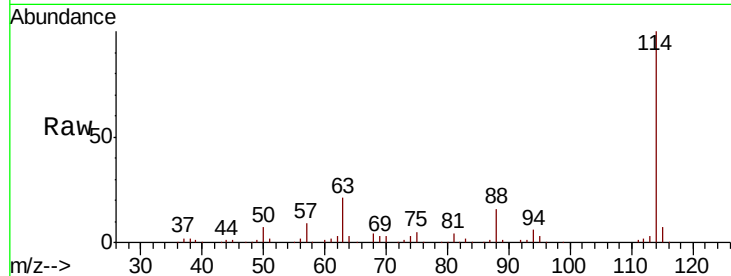
Tot Ion:114 Resp: 244761

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

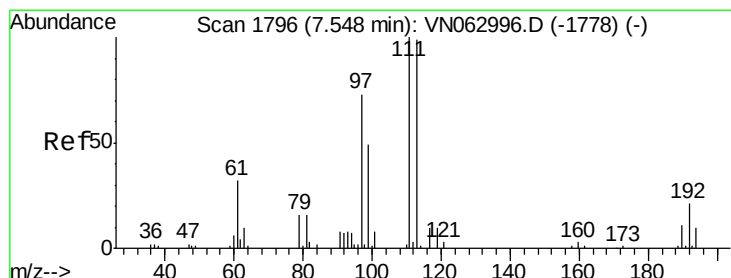
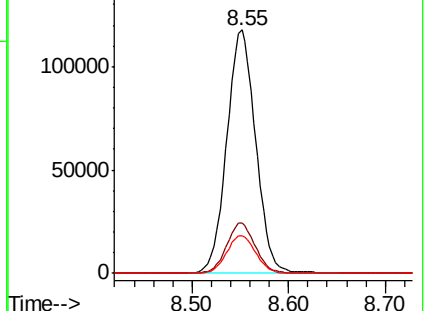
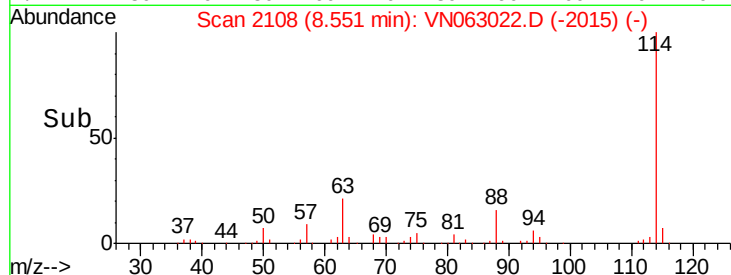
88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.010 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN063022.D

Acq: 19 Aug 2020 19:10

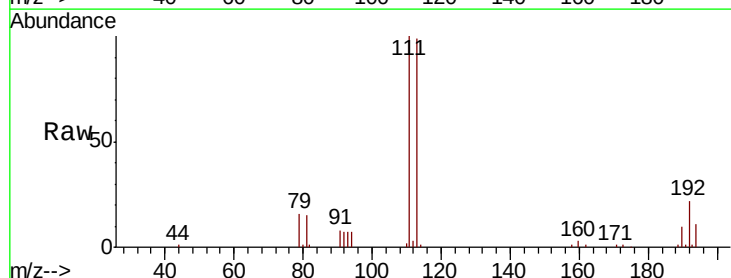
Tgt Ion:113 Resp: 81353

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

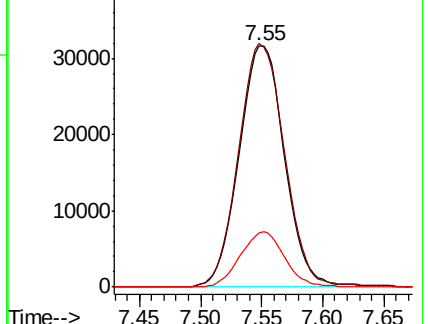
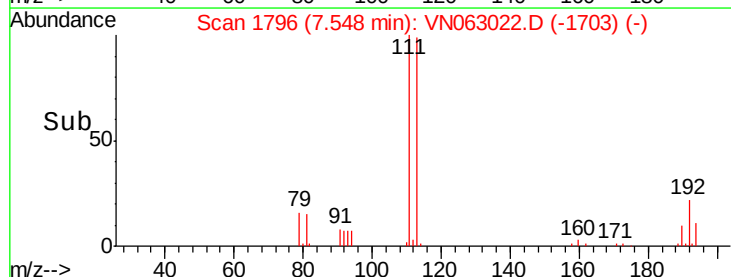
192 22.3 17.5 26.3

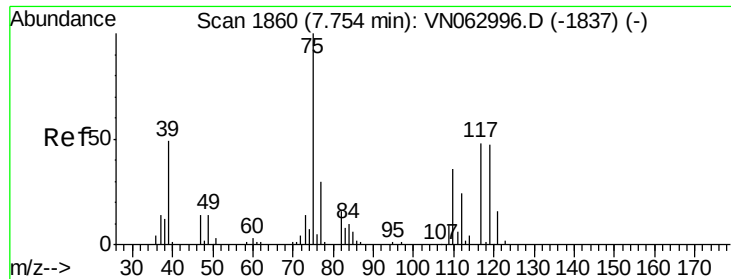


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

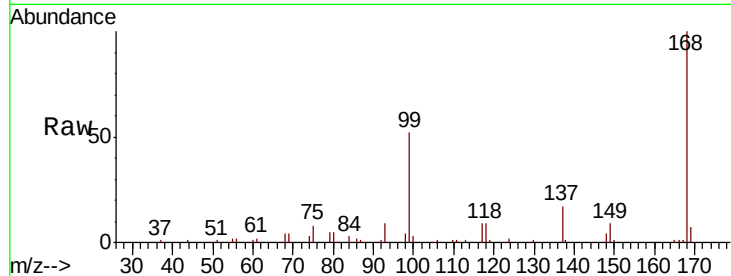




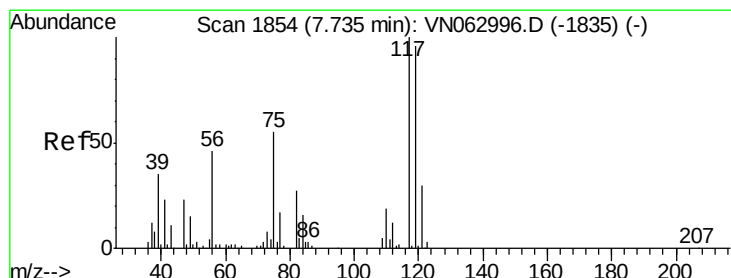
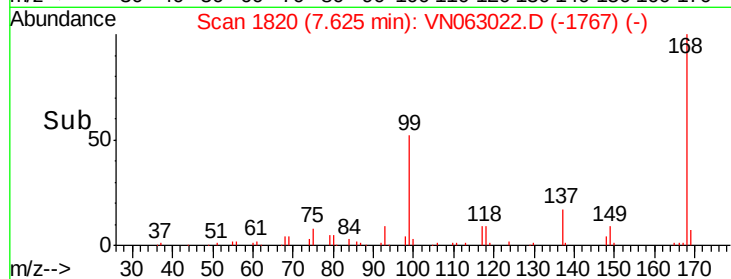
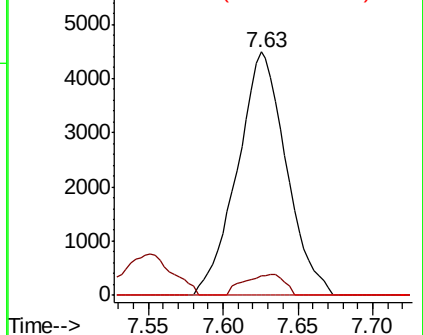
#36
 1,1-Dichloropropene
 Concen: 4.725 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN063022.D
 Acq: 19 Aug 2020 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-200818

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.0	17.5	52.6#
77	0.0	24.2	36.4#

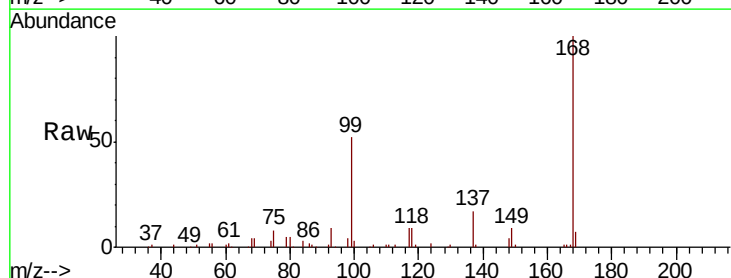


Abundance Ion 74.90 (74.60 to 75.60): VN062996.D (-1837) (-)
 Ion 109.90 (109.60 to 110.60): VN062996.D (-1837) (-)
 Ion 76.90 (76.60 to 77.60): VN062996.D (-1837) (-)

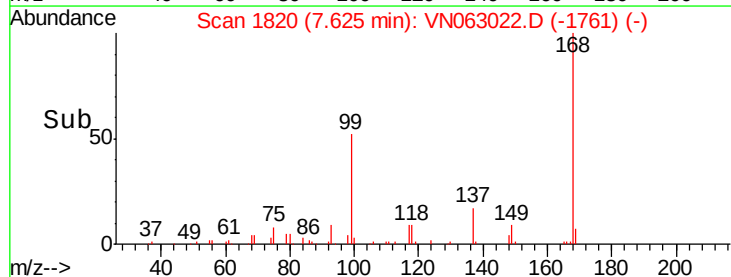
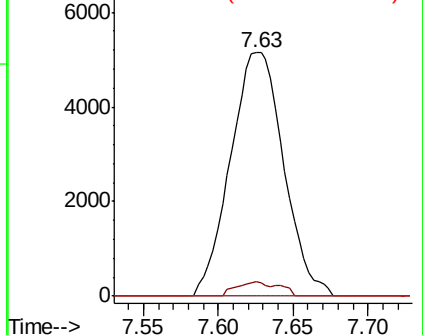


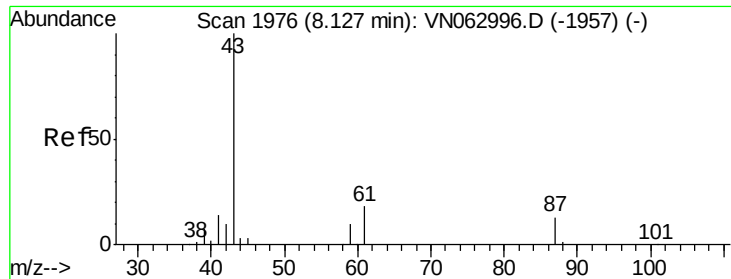
#38
 Carbon Tetrachloride
 Concen: 5.846 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN063022.D
 Acq: 19 Aug 2020 19:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.2	114.4#
121	0.0	24.2	36.2#



Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-1835) (-)
 Ion 118.80 (118.50 to 119.50): VN062996.D (-1835) (-)
 Ion 120.80 (120.50 to 121.50): VN062996.D (-1835) (-)





#43

Isopropyl Acetate

Concen: 0.742 ug/l

RT: 8.24 min Scan# 2012

Delta R.T. 0.12 min

Lab File: VN063022.D

Acq: 19 Aug 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-200818

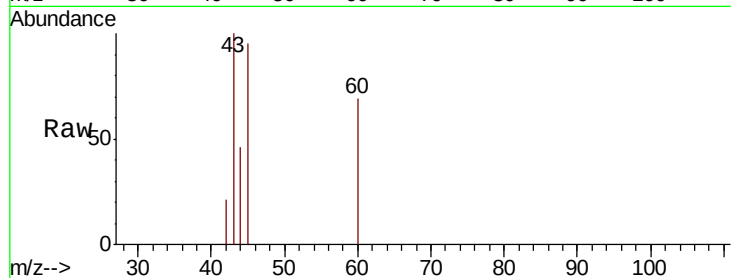
Tot Ion: 43 Resp: 2485

Ion Ratio Lower Upper

43 100

61 0.0 22.6 33.8#

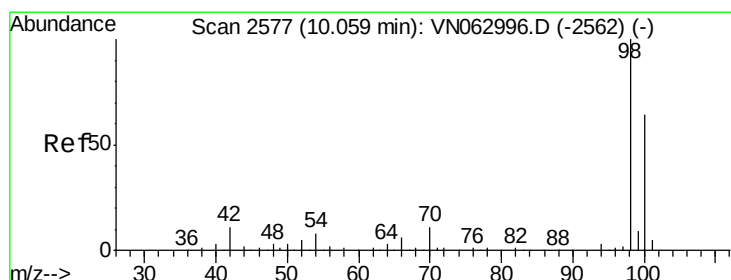
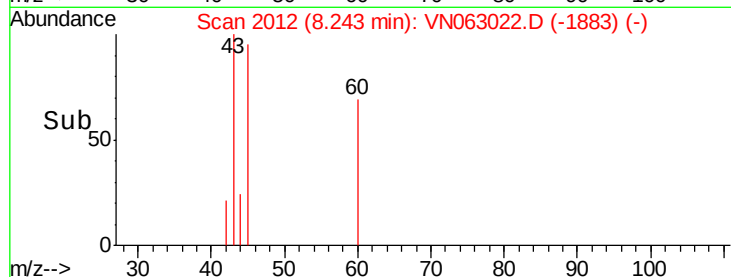
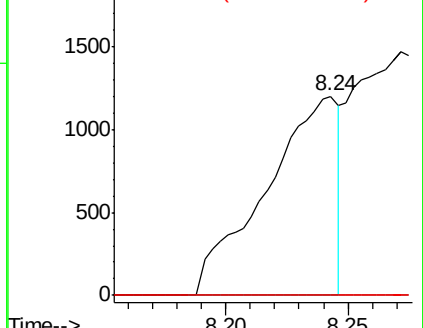
87 0.0 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#50

Toluene-d8

Concen: 50.747 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063022.D

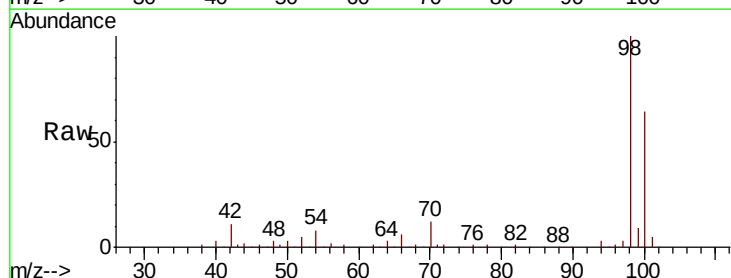
Acq: 19 Aug 2020 19:10

Tgt Ion: 98 Resp: 310871

Ion Ratio Lower Upper

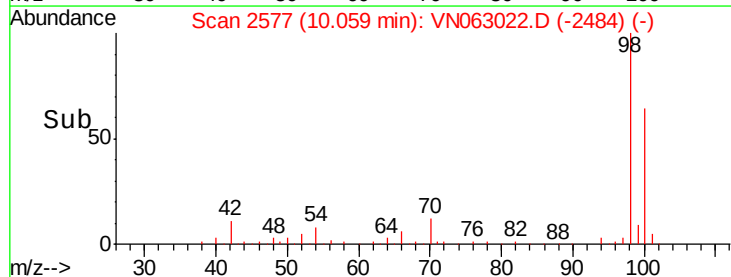
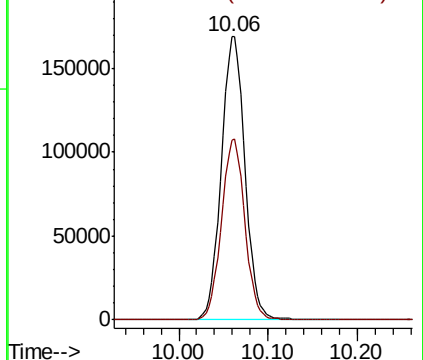
98 100

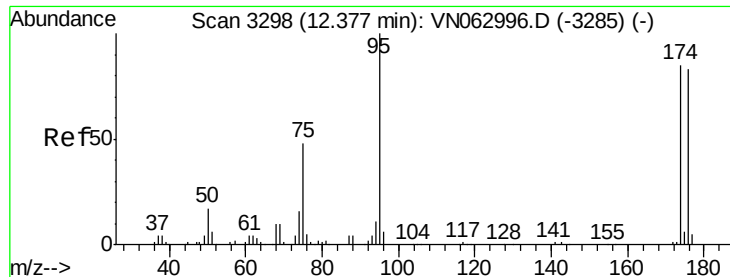
100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)





#62

4-Bromofluorobenzene

Concen: 47.372 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063022.D

Acq: 19 Aug 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-200818

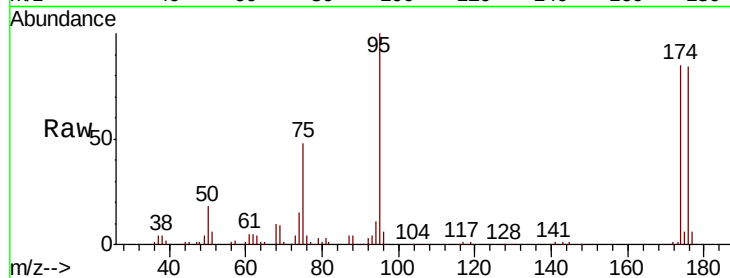
Tot Ion: 95 Resp: 102406

Ion Ratio Lower Upper

95 100

174 87.7 0.0 170.8

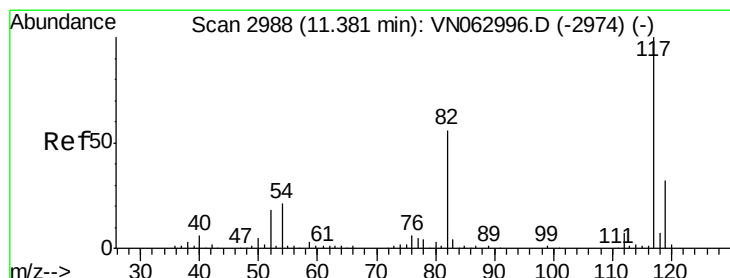
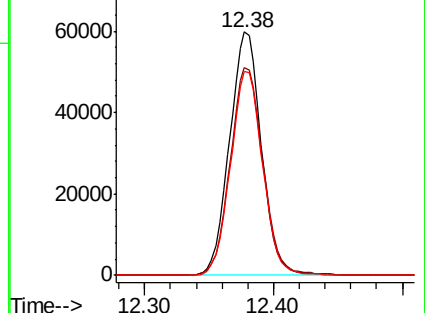
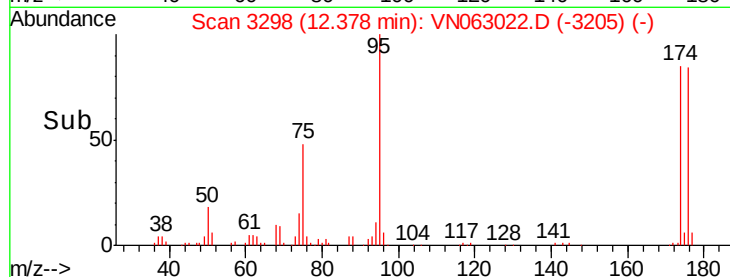
176 84.5 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN063022.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN063022.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN063022.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063022.D

Acq: 19 Aug 2020 19:10

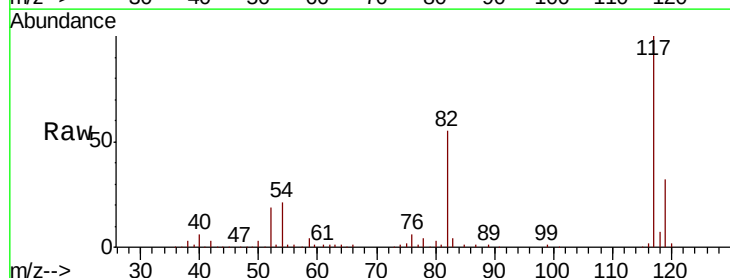
Tgt Ion: 117 Resp: 246919

Ion Ratio Lower Upper

117 100

82 54.9 44.5 66.7

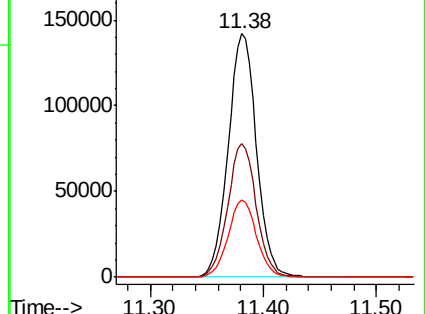
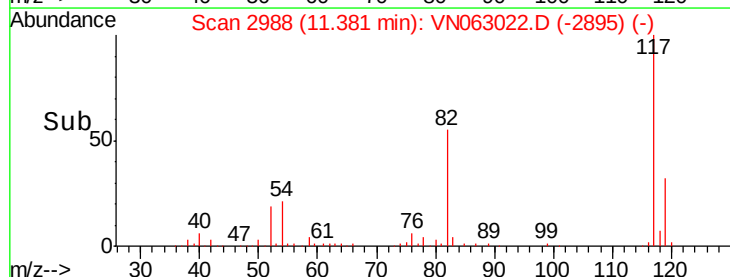
119 31.6 25.5 38.3

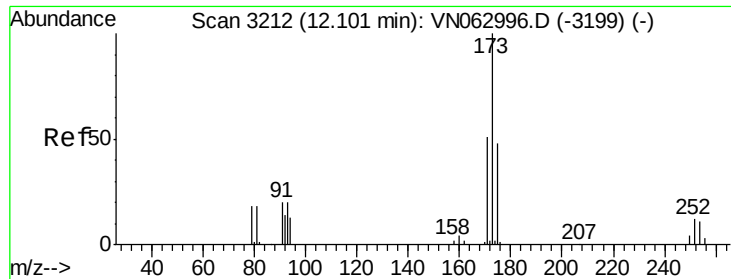


Abundance Ion 116.90 (116.60 to 117.60): VN063022.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN063022.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN063022.D (-2895) (-)





#71

Bromoform

Concen: 0.606 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN063022.D

Acq: 19 Aug 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-200818

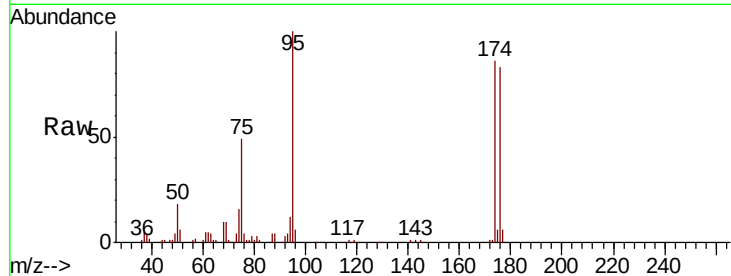
Tot Ion:173 Resp: 930

Ion Ratio Lower Upper

173 100

175 565.5 24.3 72.8#

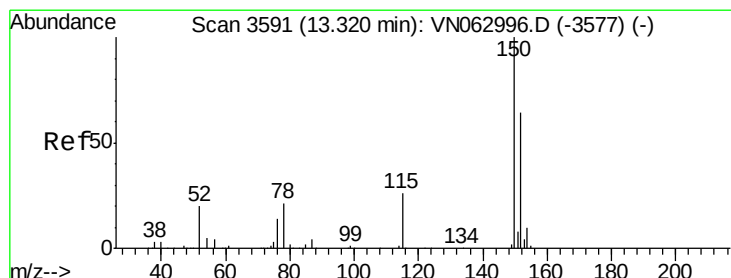
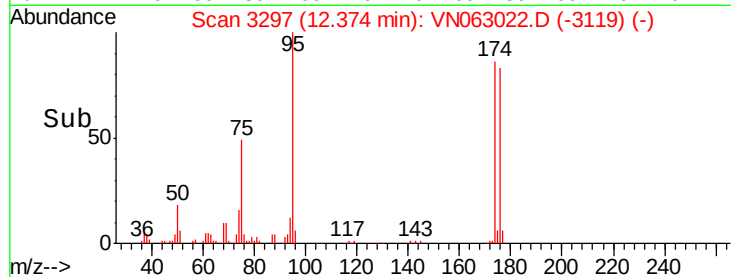
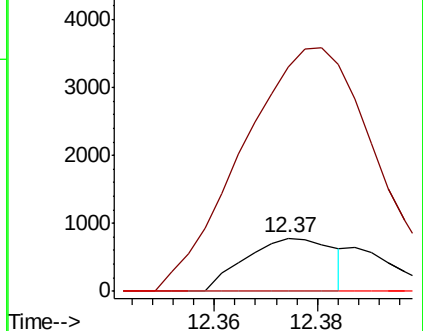
254 0.0 0.0 0.0



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: VN063022.D

Acq: 19 Aug 2020 19:10

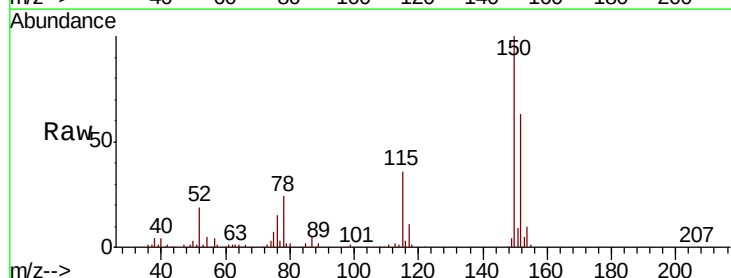
Tgt Ion:152 Resp: 89961

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.3

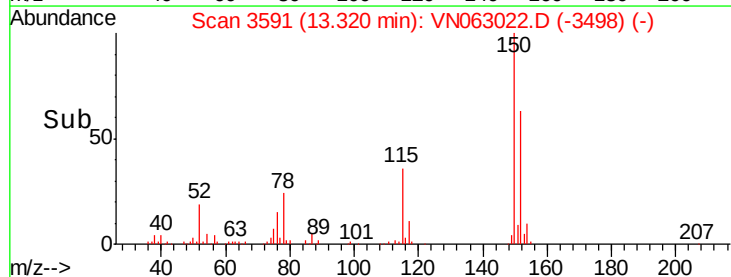
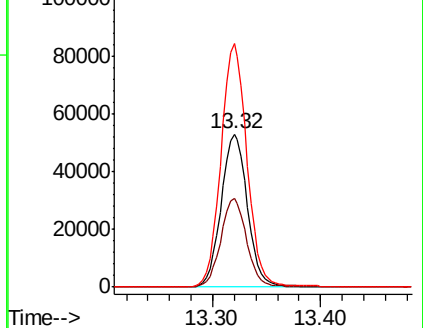
150 157.6 0.0 348.8

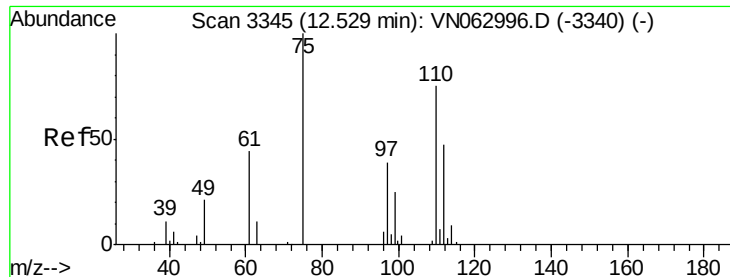


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.253 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063022.D

Acq: 19 Aug 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

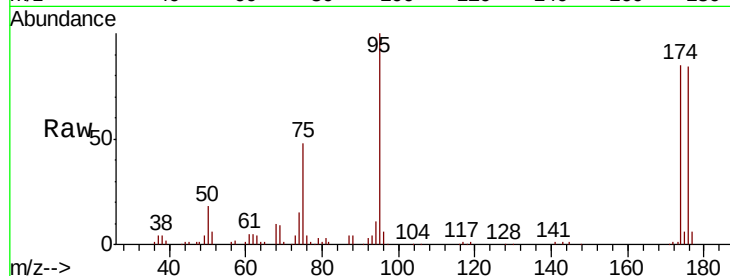
OUTFALL001-200818

Tot Ion: 75 Resp: 49405

Ion Ratio Lower Upper

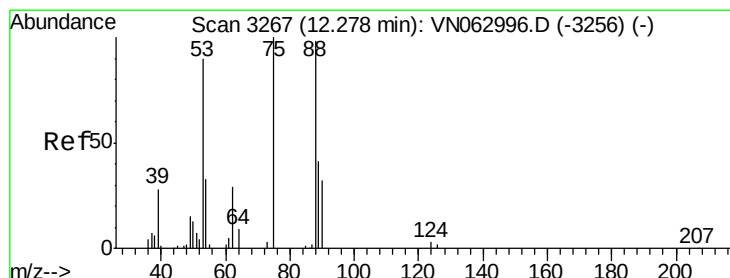
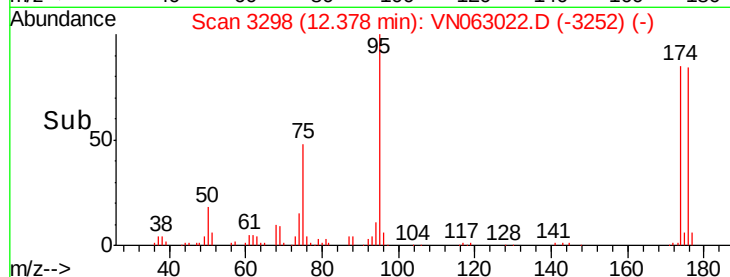
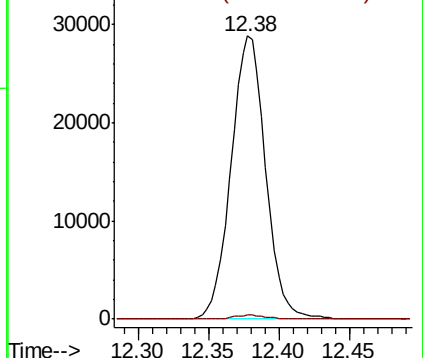
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 77.597 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063022.D

Acq: 19 Aug 2020 19:10

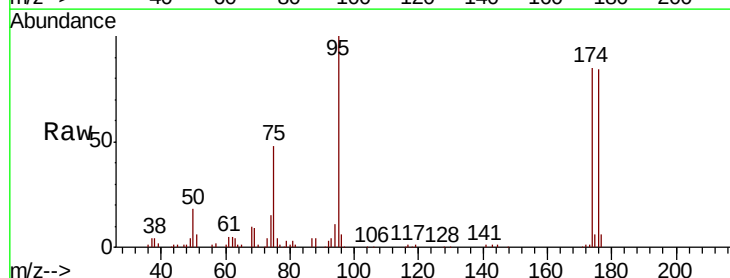
Tgt Ion: 75 Resp: 49405

Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

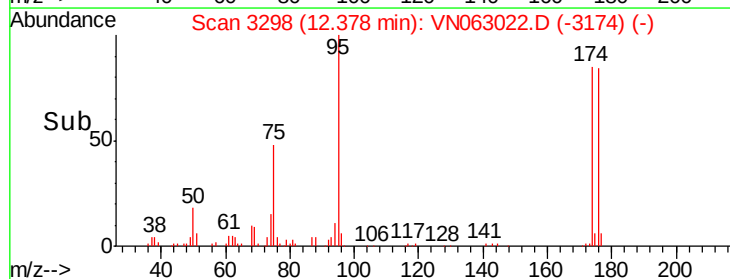
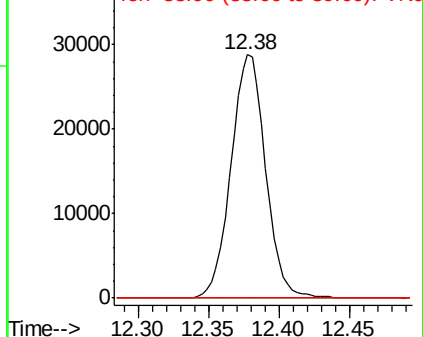
89 0.0 34.2 51.4#

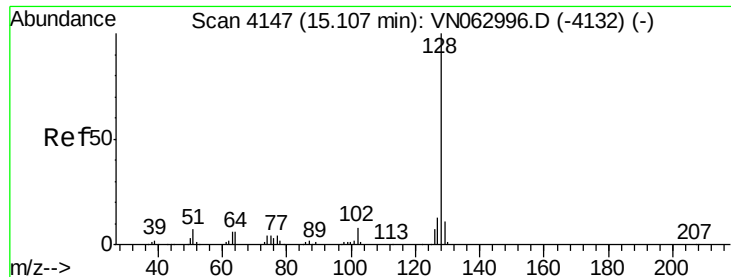


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 5.734 ug/l

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

Lab File: VN063022.D

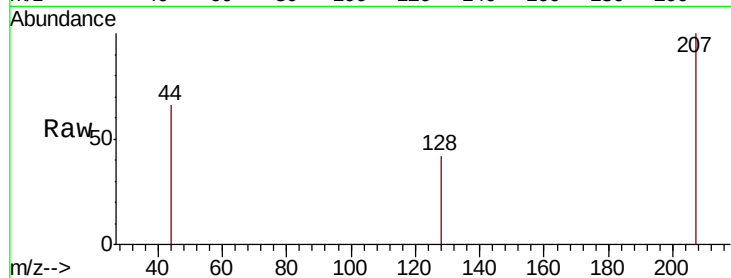
Acq: 19 Aug 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-200818



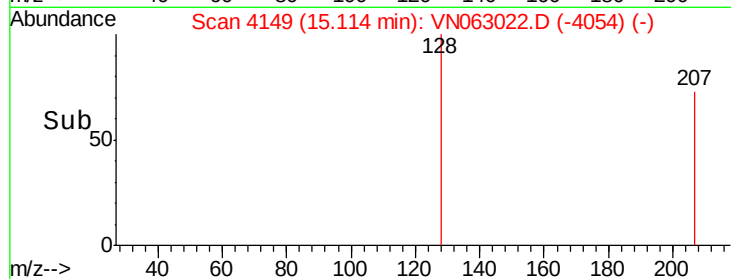
Tot Ion:128 Resp: 373

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.9 13.3#



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

