

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101019\
 Data File : VN058658.D
 Acq On : 9 Oct 2019 22:06
 Operator : JC/SP
 Sample : K5184-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Oct 10 04:42:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	406858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	646289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222495	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	293675	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	7.57	113	214686	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
50) Toluene-d8	10.08	98	822472	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.40	95	269687	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	

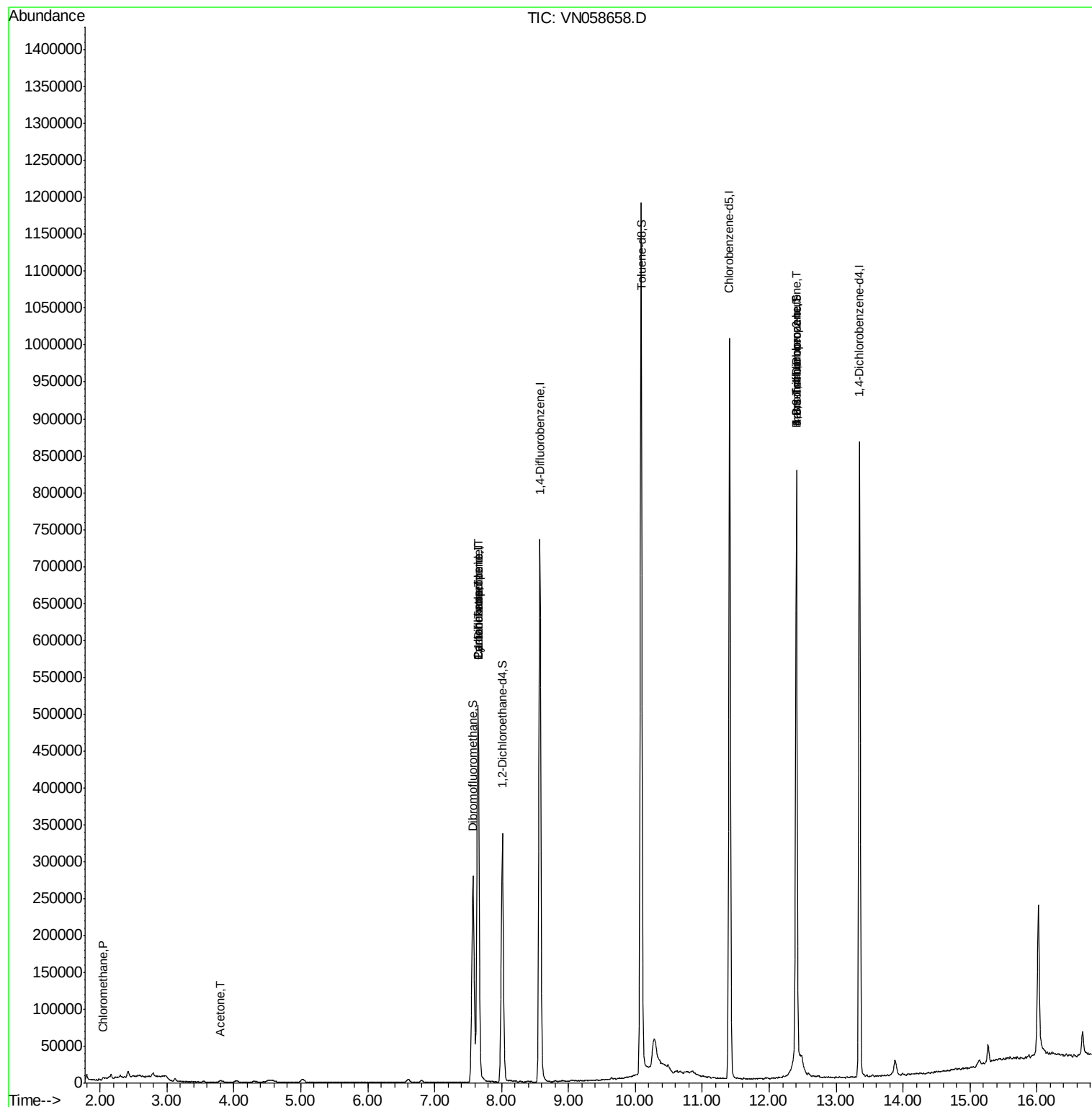
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1823	0.372	ug/l #	83
16) Acetone	3.80	43	1949	0.962	ug/l #	82
31) Cyclohexane	7.65	56	10155	1.234	ug/l #	29
36) 1,1-Dichloropropene	7.65	75	34075	5.514	ug/l #	50
38) Carbon Tetrachloride	7.65	117	40603	7.279	ug/l #	15
60) Dibromochloromethane	10.63	129	355	Below Cal	#	11
71) Bromoform	12.39	173	335	0.820	ug/l #	29
76) 1,2,3-Trichloropropane	12.40	75	141744	34.879	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	141744	105.932	ug/l #	7

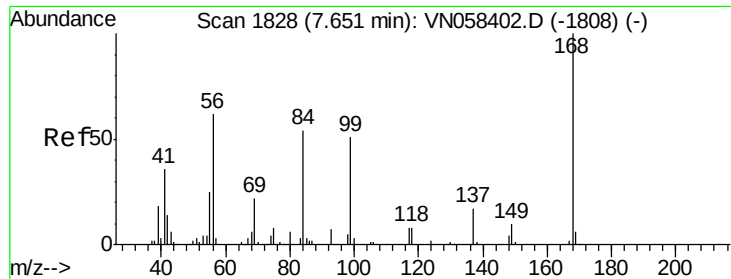
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

Instrument :

MSVOA_N

ClientSampled :

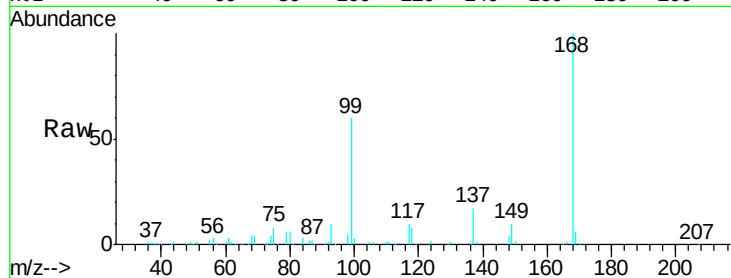
MW-1

Tgt Ion:168 Resp: 406858

Ion Ratio Lower Upper

168 100

99 59.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

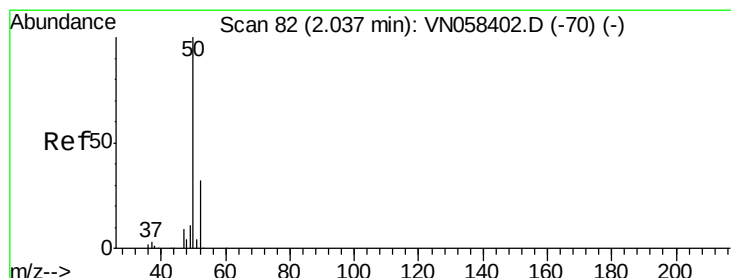
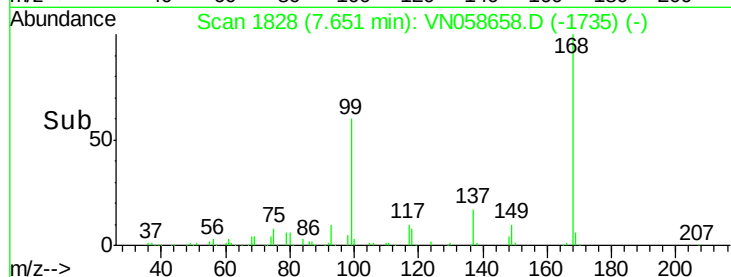
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.372 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058658.D

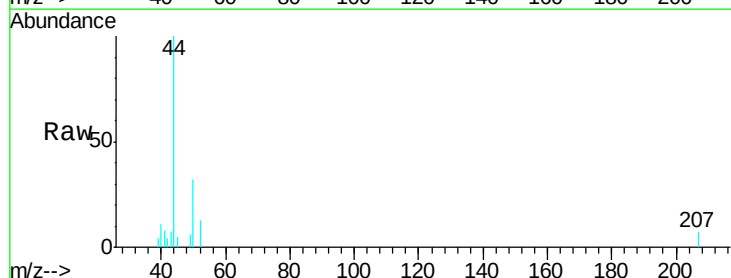
Acq: 9 Oct 2019 22:06

Tgt Ion: 50 Resp: 1823

Ion Ratio Lower Upper

50 100

52 41.9 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

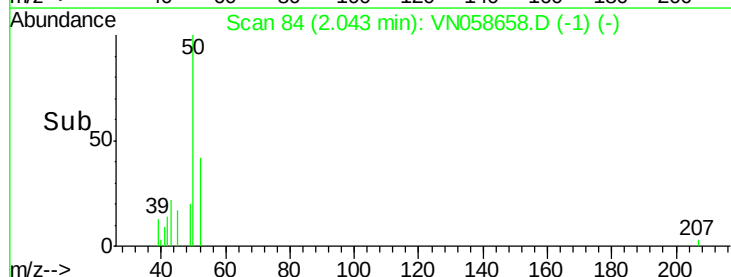
2.04

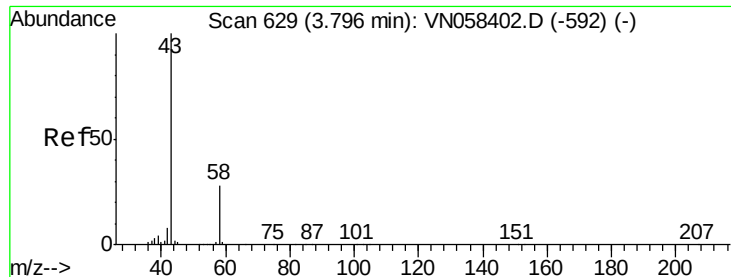
1000

500

0

Time-->





#16

Acetone

Concen: 0.962 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

Instrument :

MSVOA_N

ClientSampled :

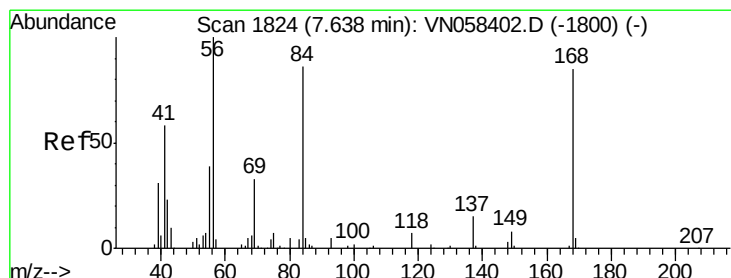
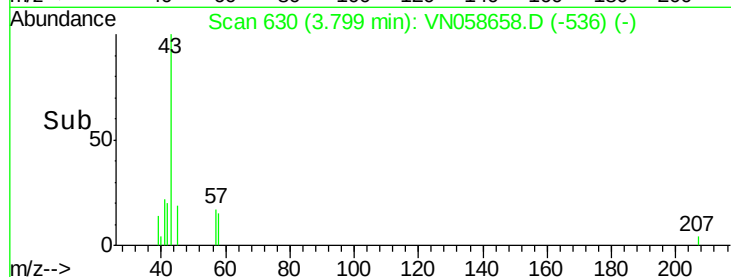
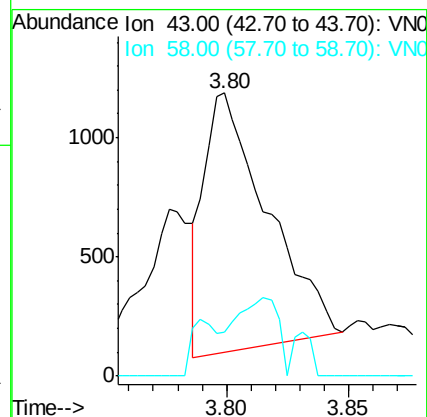
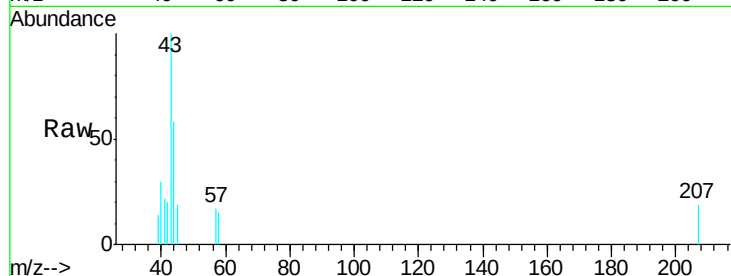
MW-1

Tgt Ion: 43 Resp: 1949

Ion Ratio Lower Upper

43 100

58 18.3 22.4 33.6#



#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

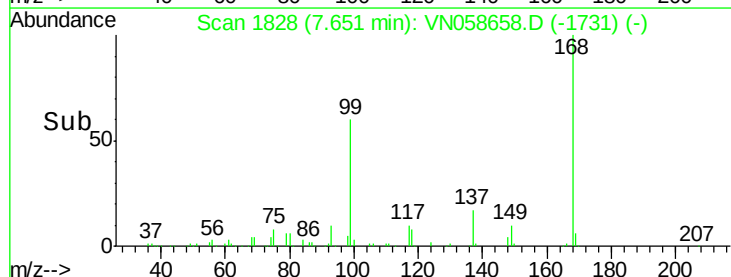
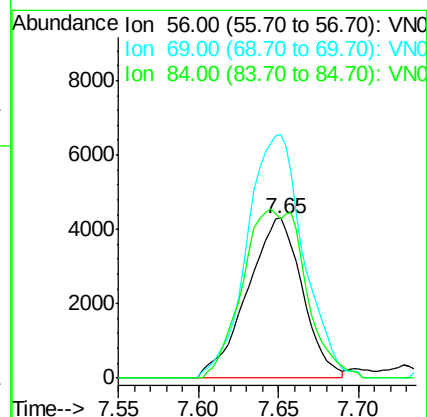
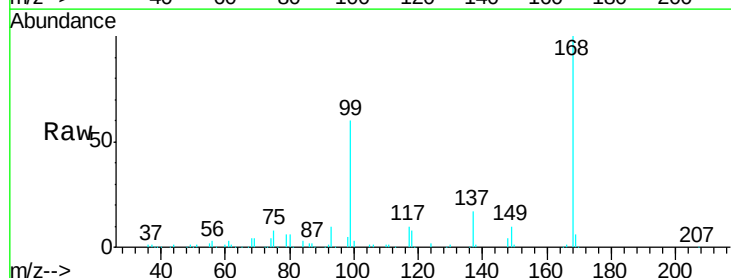
Tgt Ion: 56 Resp: 10155

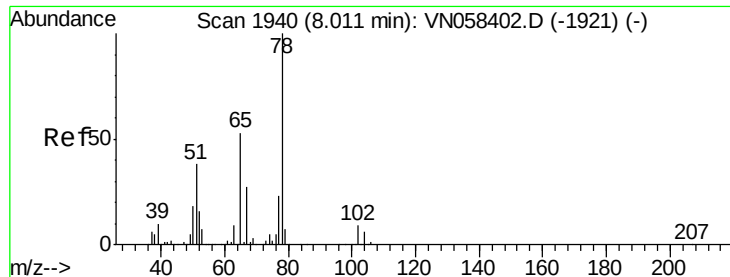
Ion Ratio Lower Upper

56 100

69 152.1 26.2 39.4#

84 99.5 67.6 101.4

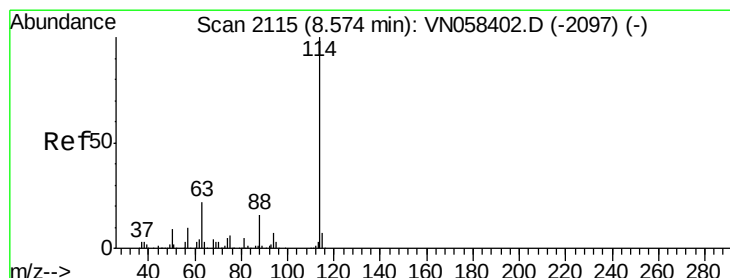
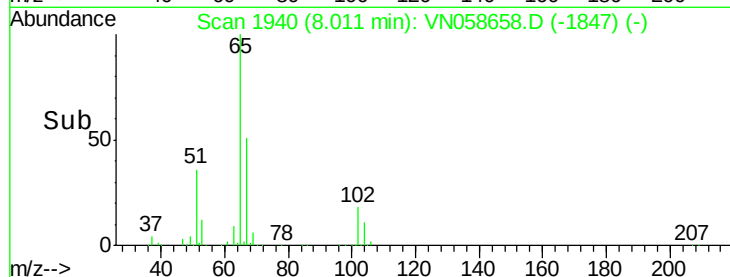
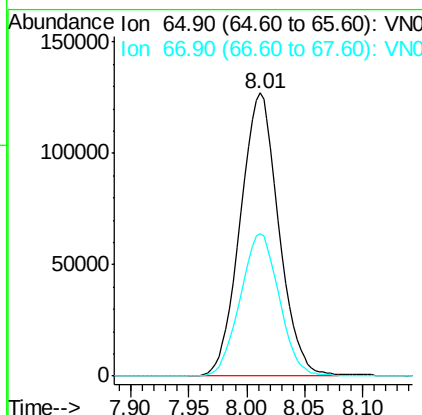
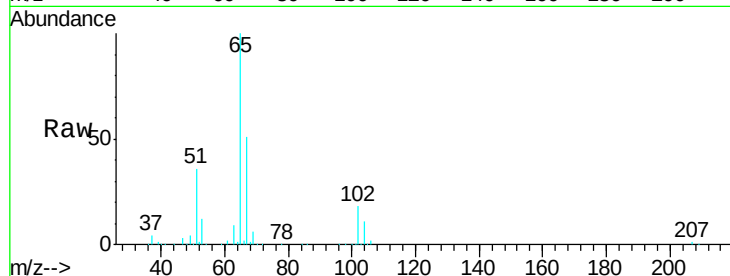




#33
 1,2-Dichloroethane-d4
 Concen: 49.394 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058658.D
 Acq: 9 Oct 2019 22:06

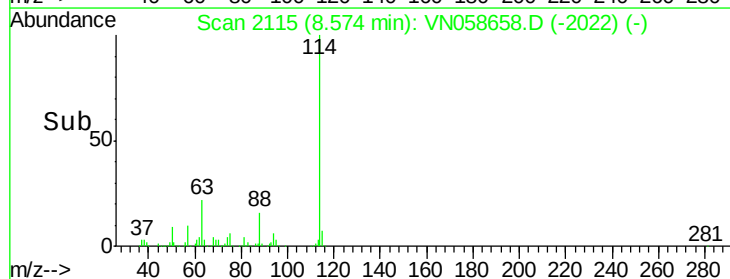
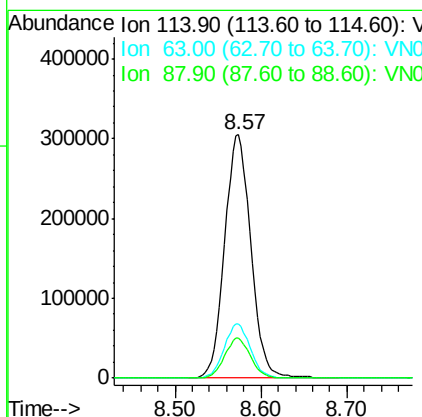
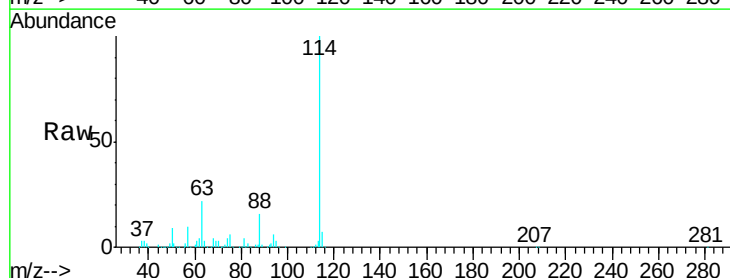
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

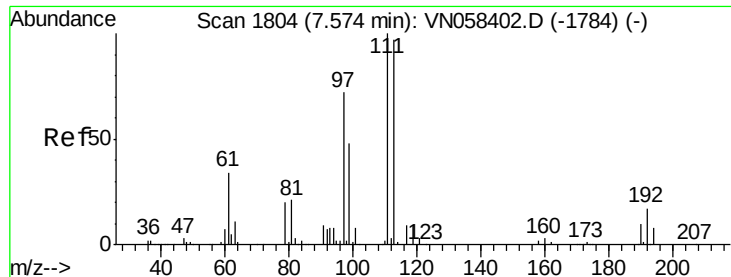
Tgt Ion: 65 Resp: 293675
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058658.D
 Acq: 9 Oct 2019 22:06

Tgt Ion: 114 Resp: 646289
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.4 0.0 32.2

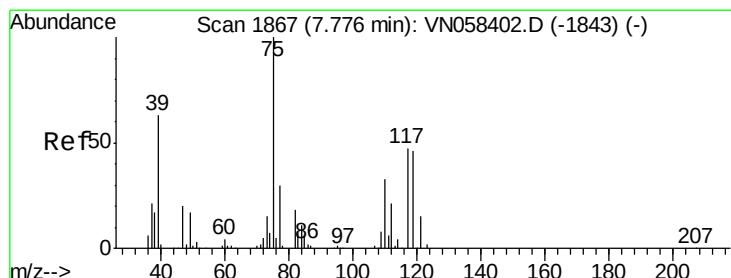
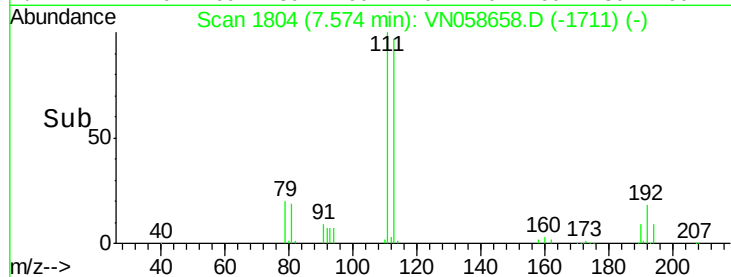
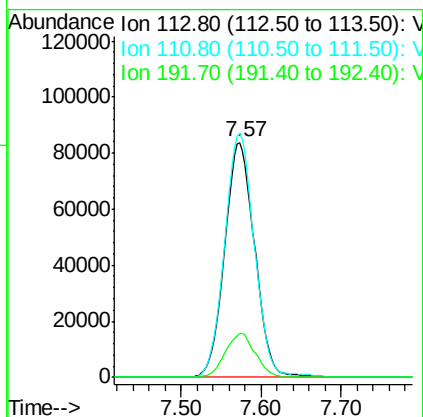
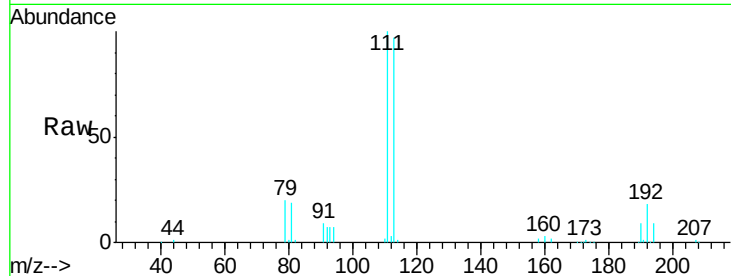




#35
 Dibromofluoromethane
 Concen: 54.199 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058658.D
 Acq: 9 Oct 2019 22:06

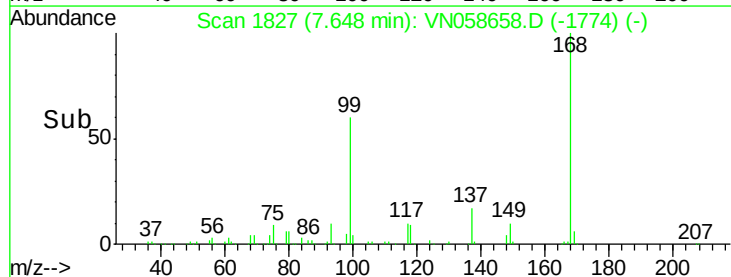
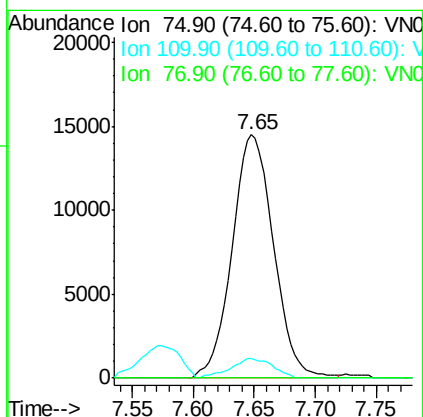
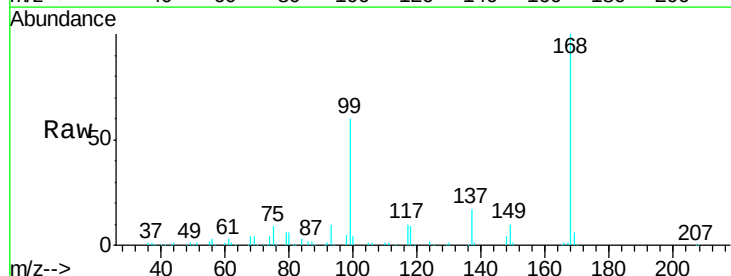
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

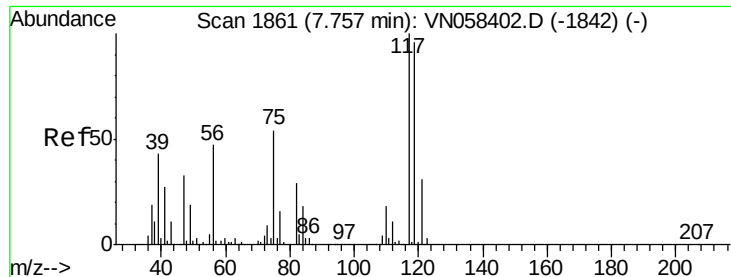
Tgt Ion: 113 Resp: 214686
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.2
 192 18.7 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 5.514 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058658.D
 Acq: 9 Oct 2019 22:06

Tgt Ion: 75 Resp: 34075
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.4 49.2#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 7.279 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

MW-1

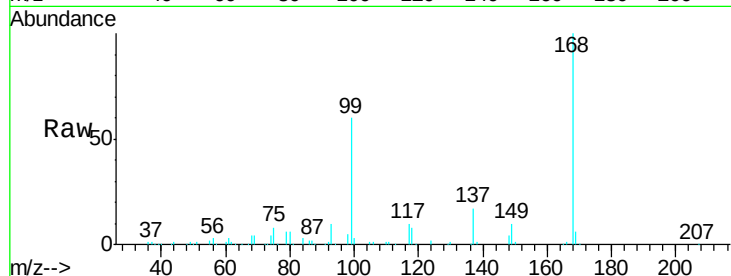
Tgt Ion:117 Resp: 40603

Ion Ratio Lower Upper

117 100

119 4.4 76.6 115.0#

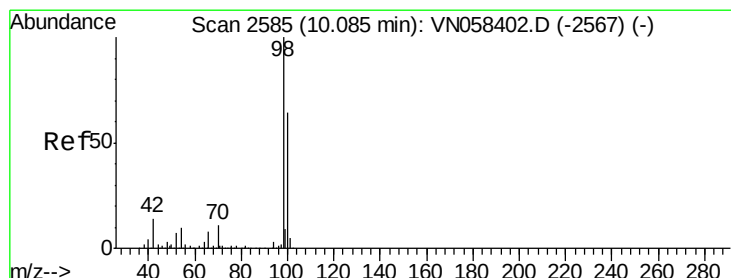
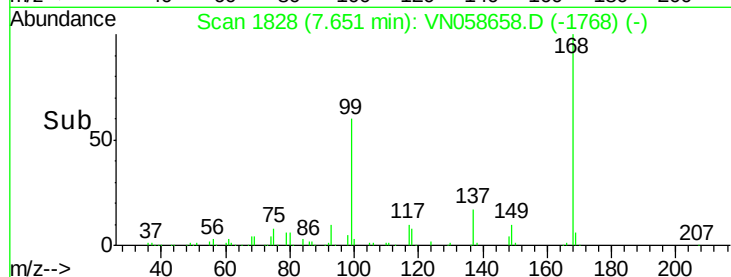
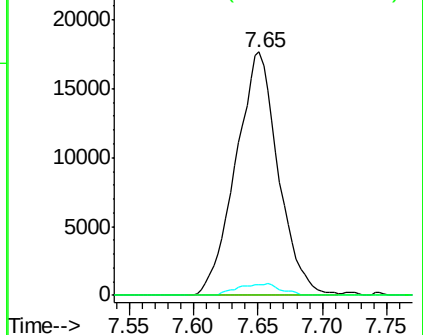
121 0.0 24.7 37.1#



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: 53.004 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058658.D

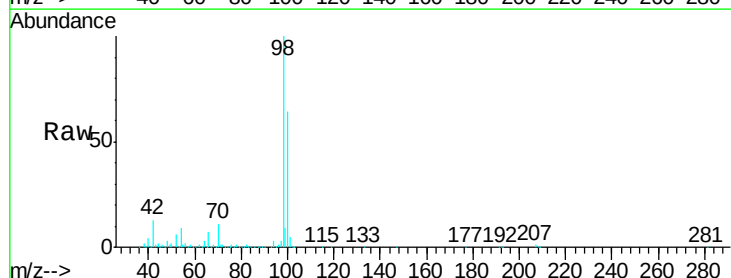
Acq: 9 Oct 2019 22:06

Tgt Ion: 98 Resp: 822472

Ion Ratio Lower Upper

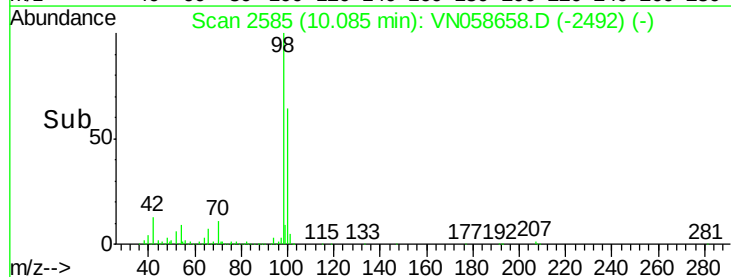
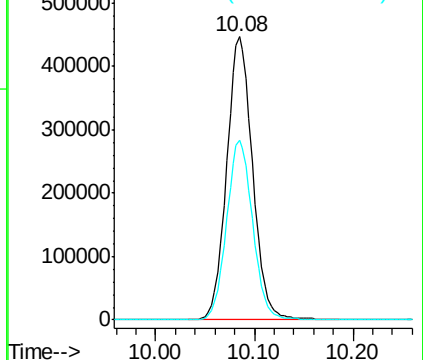
98 100

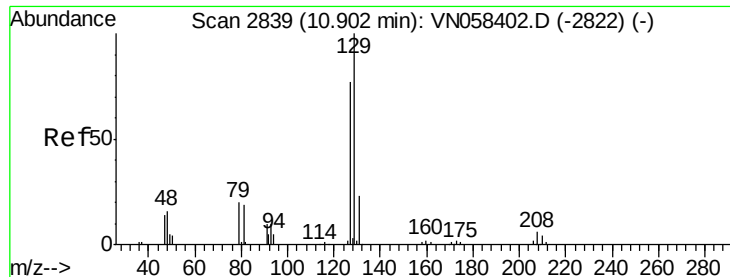
100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#60

Dibromochloromethane

Concen: Below Cal

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

Instrument :

MSVOA_N

ClientSampled :

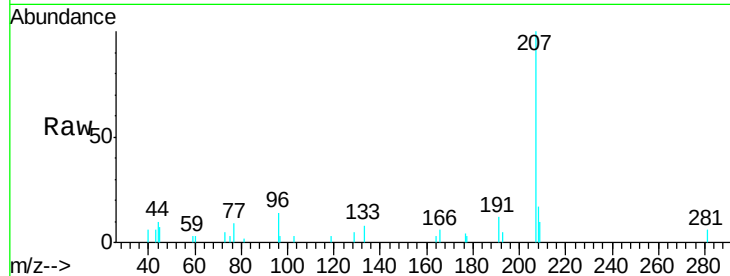
MW-1

Tgt Ion:129 Resp: 355

Ion Ratio Lower Upper

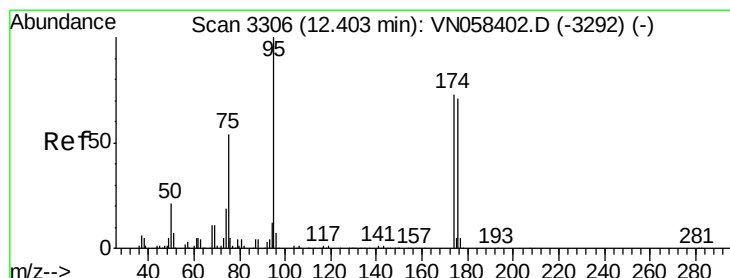
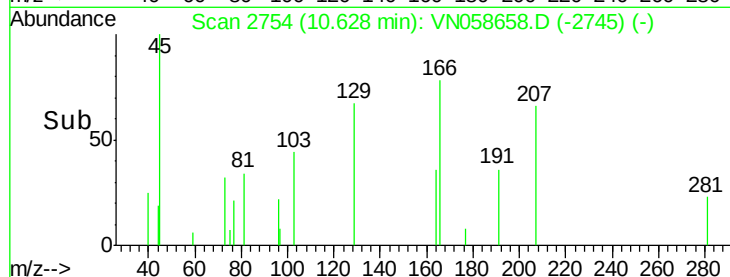
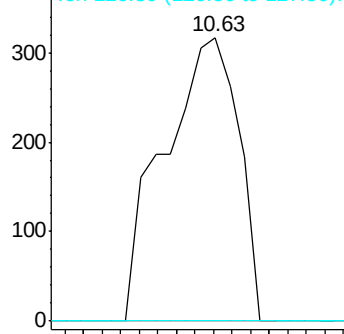
129 100

127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.067 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

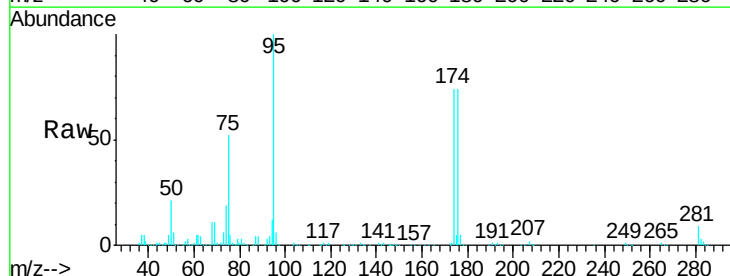
Tgt Ion: 95 Resp: 269687

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.6

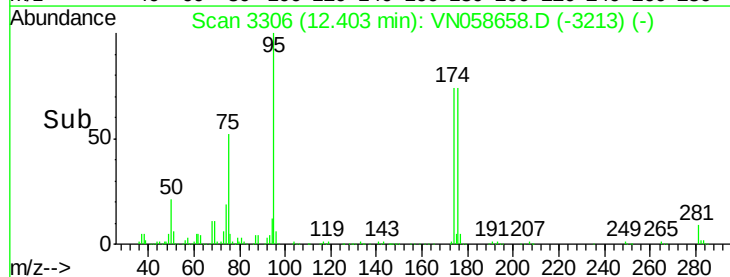
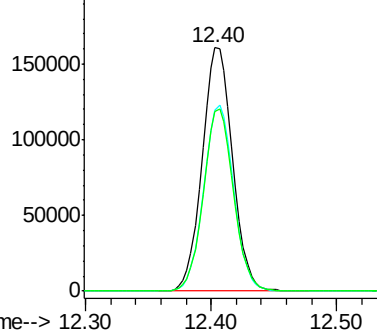
176 74.4 0.0 146.2

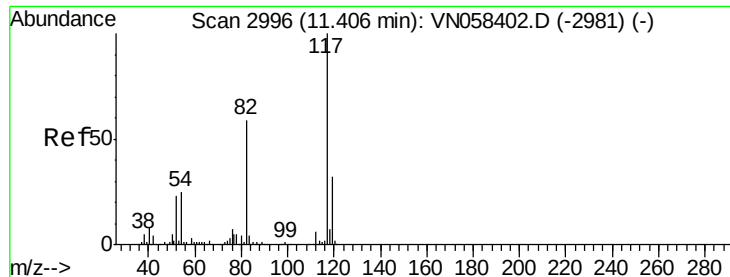


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

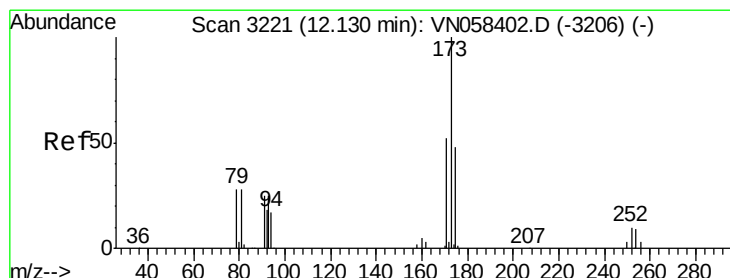
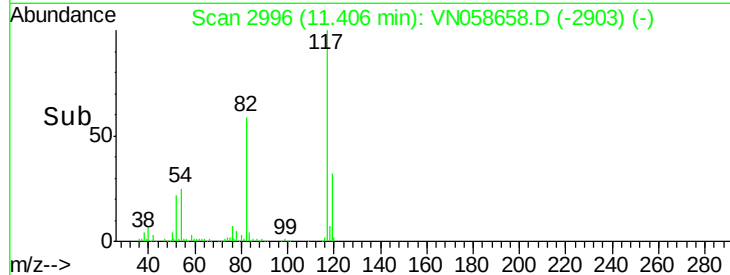
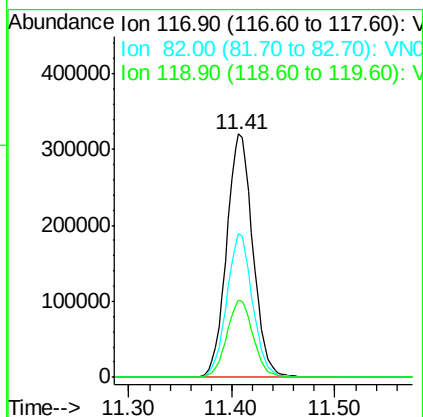
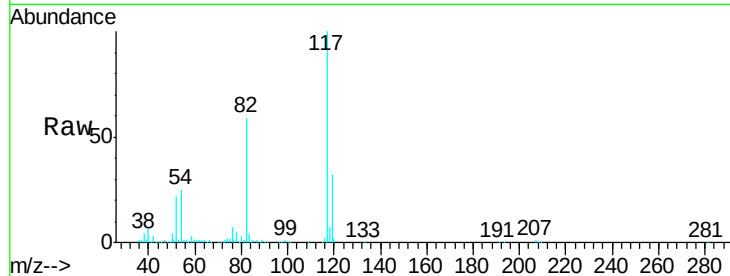




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058658.D
Acq: 9 Oct 2019 22:06

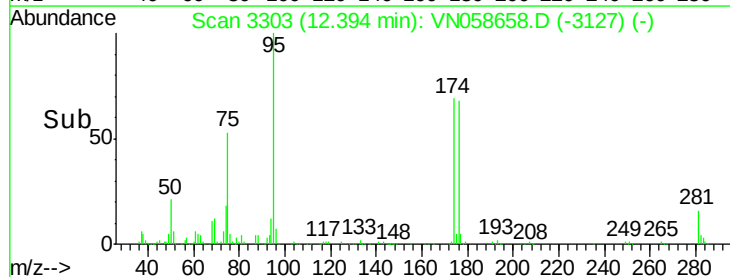
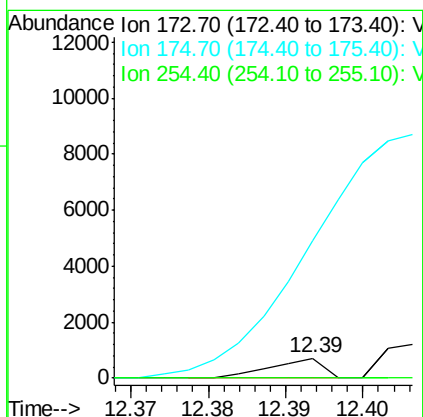
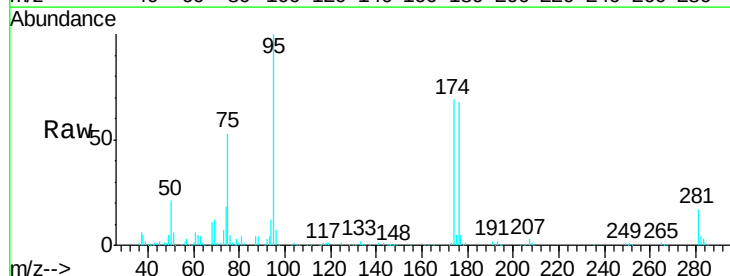
Instrument :
MSVOA_N
ClientSampled :
MW-1

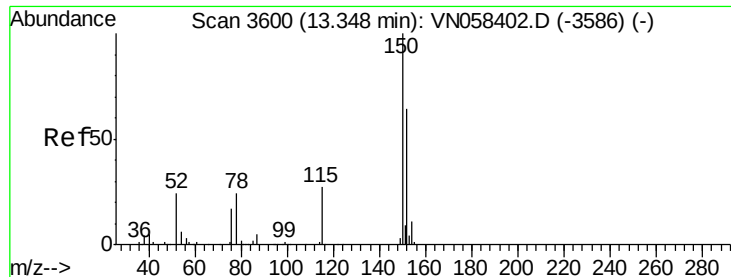
Tgt Ion:117 Resp: 569208
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 31.6 25.5 38.3



#71
Bromoform
Concen: 0.820 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.26 min
Lab File: VN058658.D
Acq: 9 Oct 2019 22:06

Tgt Ion:173 Resp: 335
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.1 0.1#

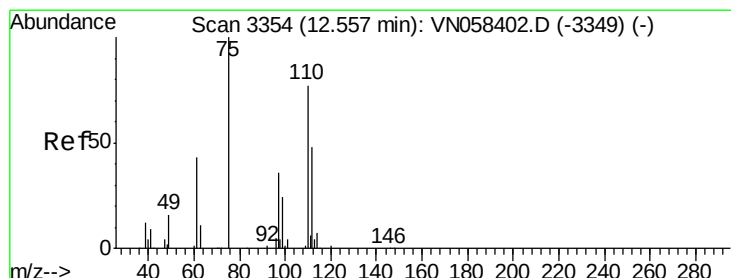
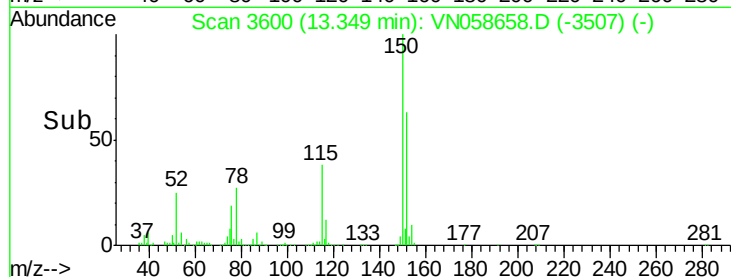
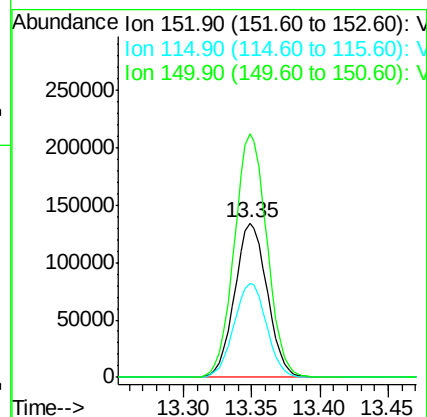
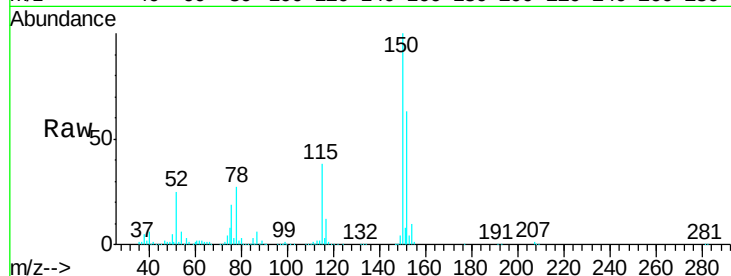




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN058658.D
 Acq: 9 Oct 2019 22:06

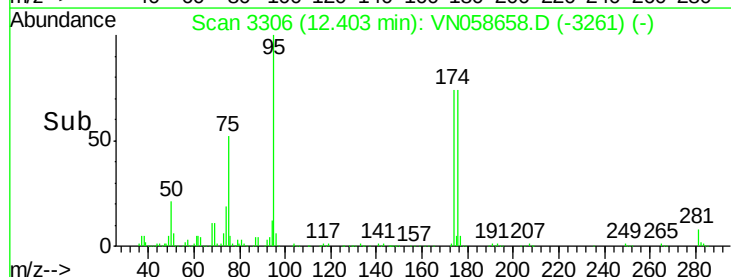
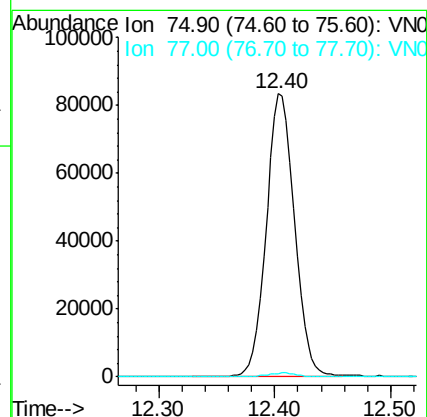
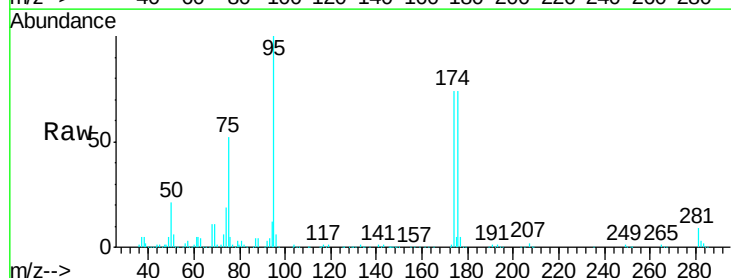
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

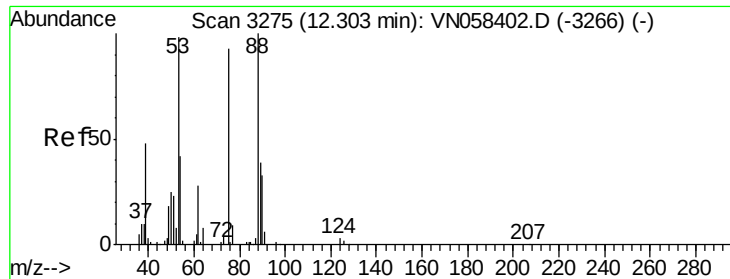
Tgt Ion: 152 Resp: 222495
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.0 90.0
 150 158.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 34.879 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN058658.D
 Acq: 9 Oct 2019 22:06

Tgt Ion: 75 Resp: 141744
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 105.932 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058658.D

Acq: 9 Oct 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

MW-1

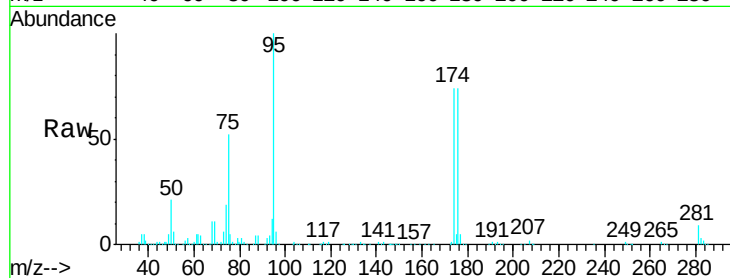
Tgt Ion: 75 Resp: 141744

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

89 0.1 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

