

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058477.D
 Acq On : 2 Oct 2019 16:16
 Operator : JC/SP
 Sample : VN1002WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBL01

Quant Time: Oct 03 05:10:18 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	379303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	620233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	516587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	177779	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	285323	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
35) Dibromofluoromethane	7.57	113	201252	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
50) Toluene-d8	10.09	98	795149	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	12.41	95	235209	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	

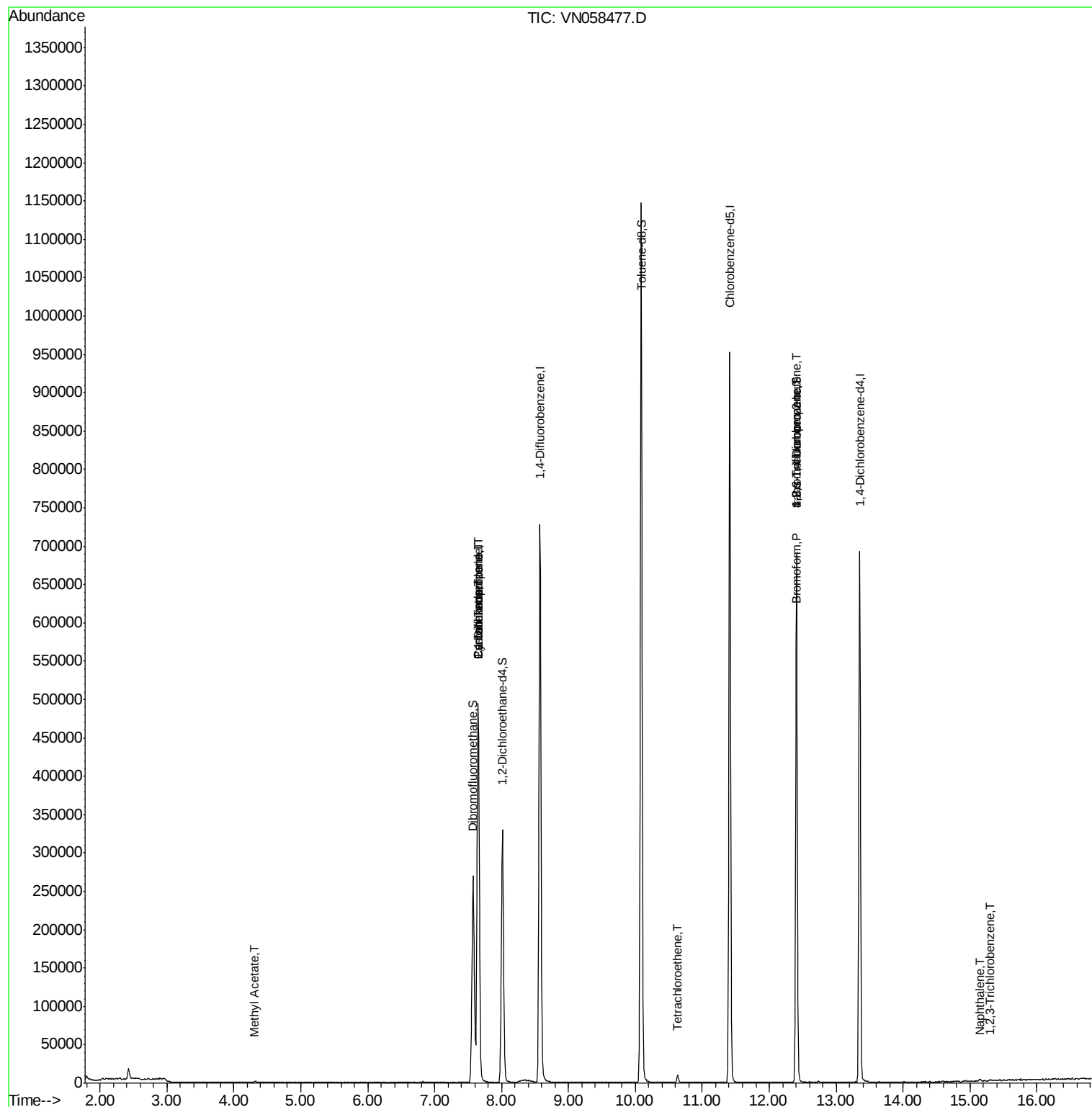
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.31	43	1913	0.403	ug/l #	75
31) Cyclohexane	7.65	56	10148	1.323	ug/l #	15
36) 1,1-Dichloropropene	7.65	75	33252	5.607	ug/l #	50
38) Carbon Tetrachloride	7.65	117	40324	7.533	ug/l #	15
60) Dibromochloromethane	10.63	129	2194	Below Cal	#	11
64) Tetrachloroethene	10.63	164	2342	0.714	ug/l	95
71) Bromoform	12.39	173	237	0.792	ug/l #	29
76) 1,2,3-Trichloropropane	12.41	75	128601	39.604	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	128601	120.283	ug/l #	7
95) Naphthalene	15.14	128	3156	0.334	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.31	180	813	0.248	ug/l	81

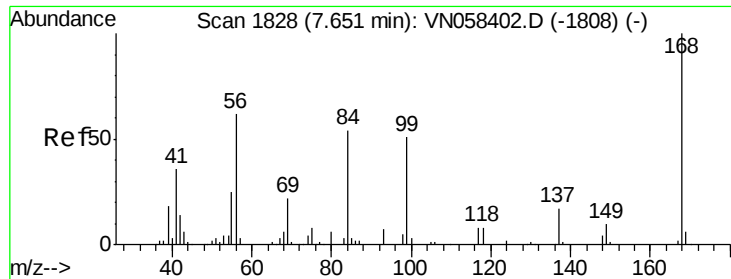
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
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Quant Time: Oct 03 05:10:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
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: VN058477.D

Acq: 2 Oct 2019 16:16

Instrument :

MSVOA_N

ClientSampleId :

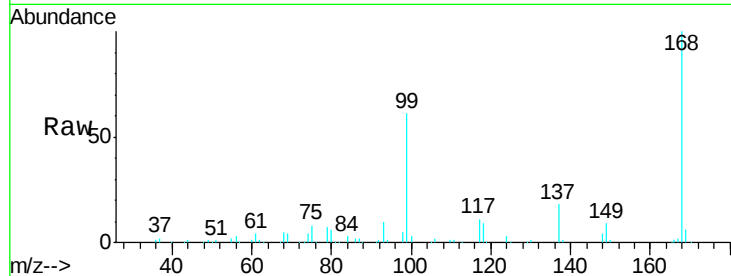
VN1002WBL01

Tgt Ion: 168 Resp: 379303

Ion Ratio Lower Upper

168 100

99 61.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058402.D (-1808) (-)

7.65

150000

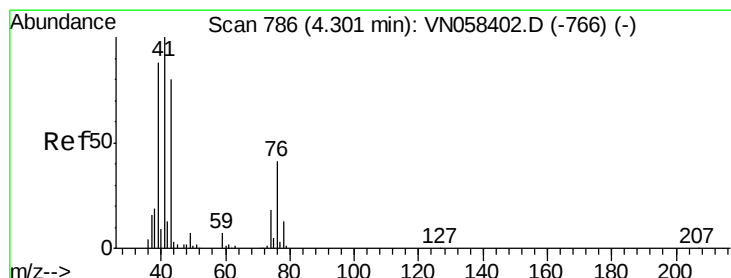
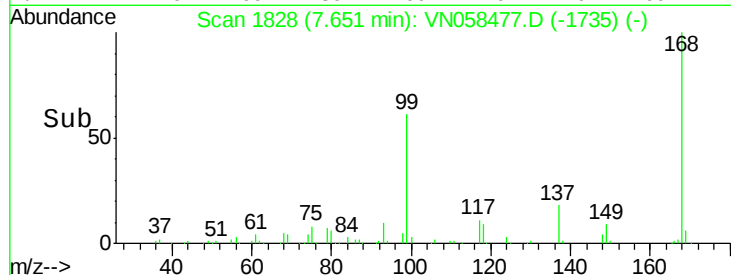
100000

50000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 0.403 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN058477.D

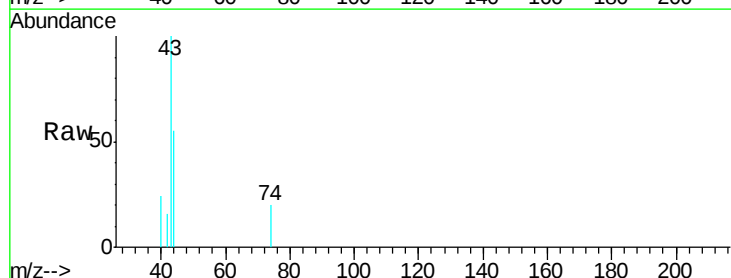
Acq: 2 Oct 2019 16:16

Tgt Ion: 43 Resp: 1913

Ion Ratio Lower Upper

43 100

74 10.2 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-766) (-)

Ion 74.00 (73.70 to 74.70): VN058402.D (-766) (-)

4.31

1200

1000

800

600

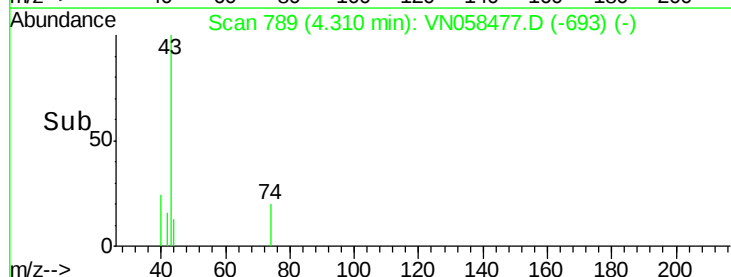
400

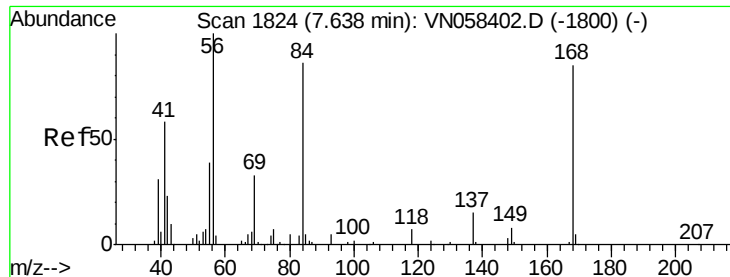
200

0

4.26 4.28 4.30 4.32

Time-->





#31

Cyclohexane

Concen: 1.323 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058477.D

Acq: 2 Oct 2019 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBL01

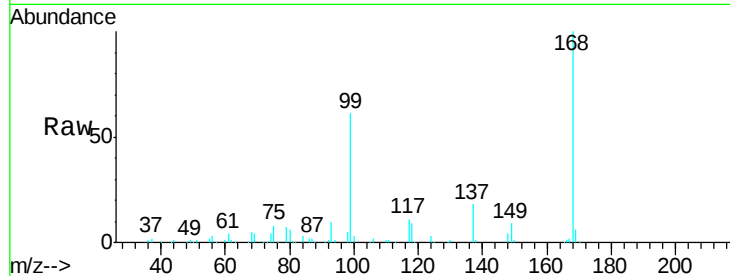
Tgt Ion: 56 Resp: 10148

Ion Ratio Lower Upper

56 100

69 146.0 26.2 39.4#

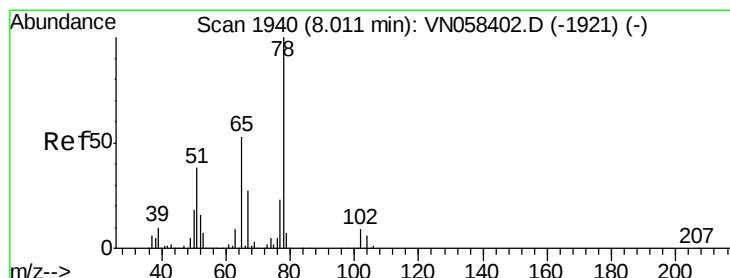
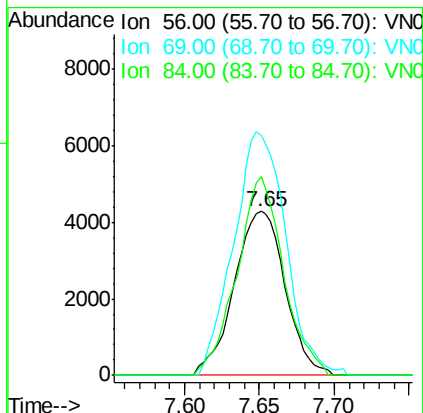
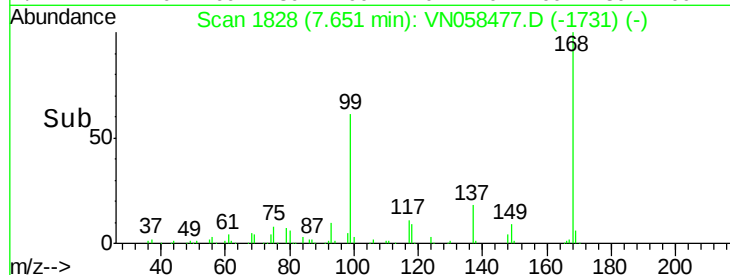
84 120.8 67.6 101.4#



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: 51.475 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058477.D

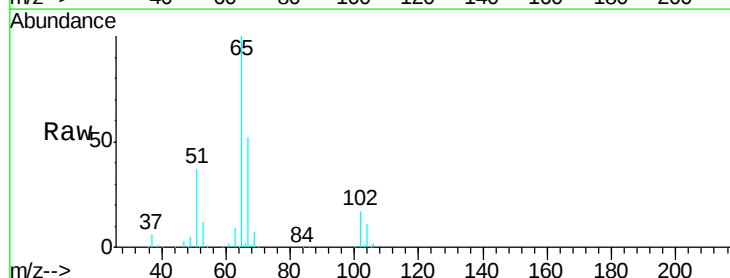
Acq: 2 Oct 2019 16:16

Tgt Ion: 65 Resp: 285323

Ion Ratio Lower Upper

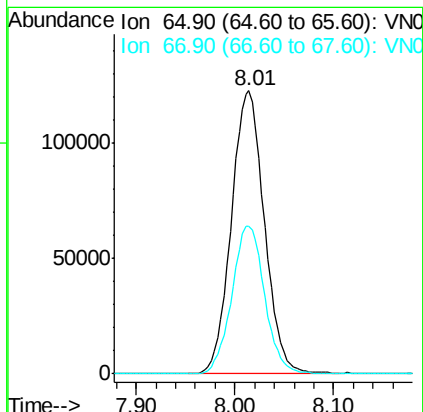
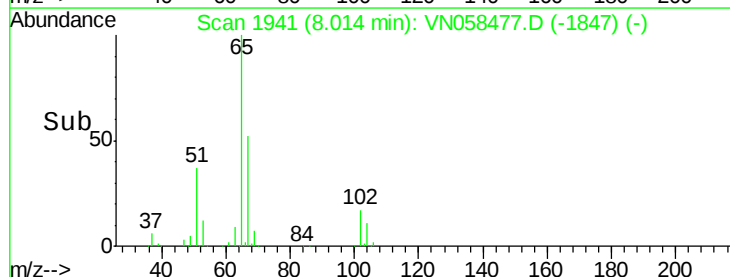
65 100

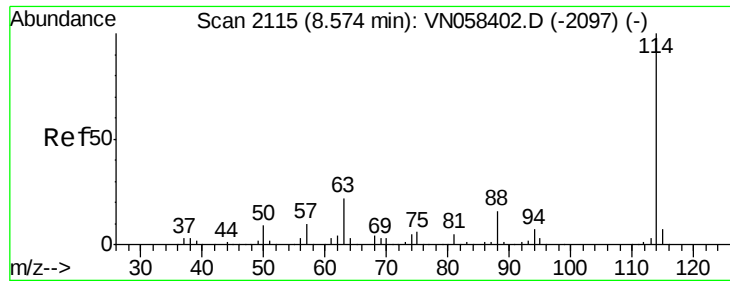
67 51.9 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

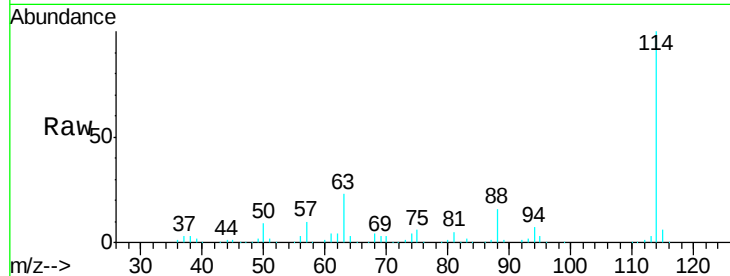




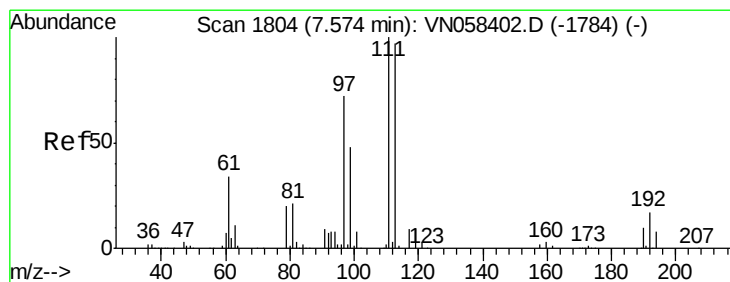
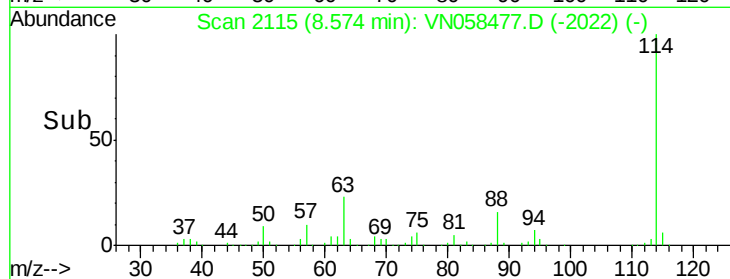
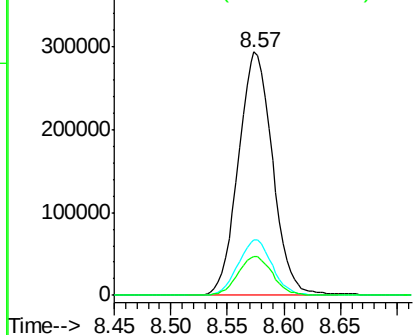
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058477.D
 Acq: 2 Oct 2019 16:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBL01

Tgt Ion:114 Resp: 620233
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.2 0.0 32.2

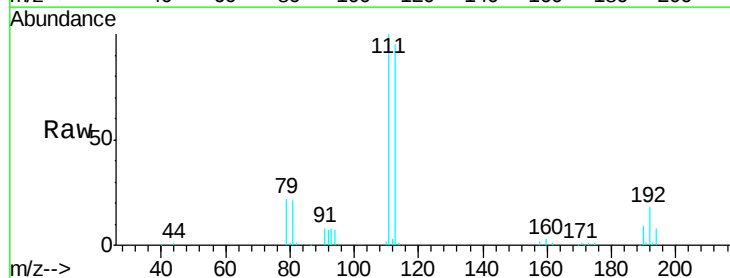


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

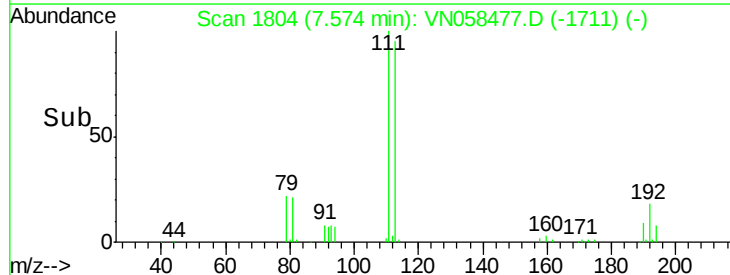
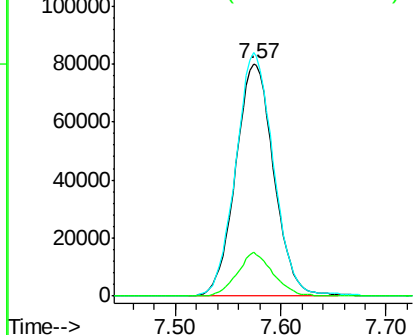


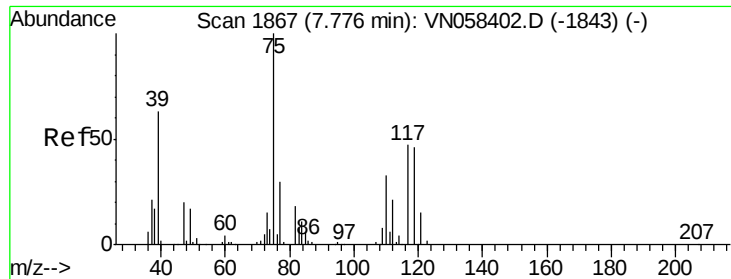
#35
 Dibromofluoromethane
 Concen: 52.942 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058477.D
 Acq: 2 Oct 2019 16:16

Tgt Ion:113 Resp: 201252
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.2
 192 17.7 14.9 22.3



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

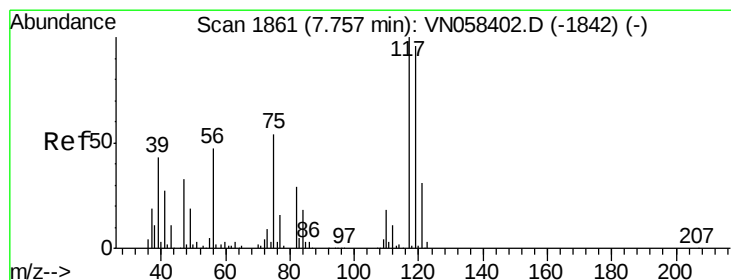
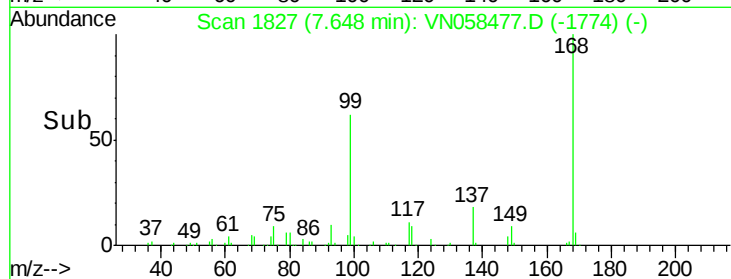
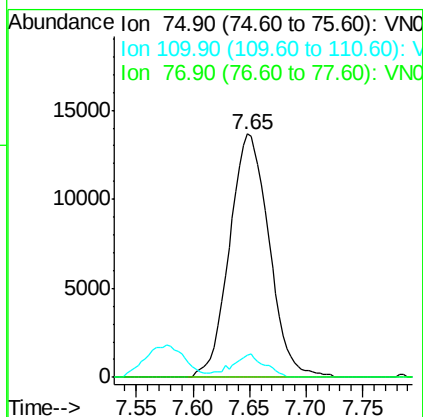
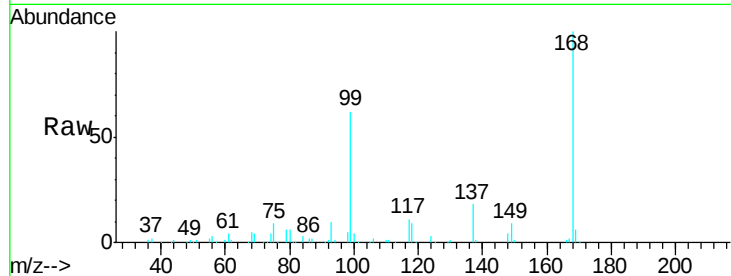




#36
 1,1-Dichloropropene
 Concen: 5.607 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058477.D
 Acq: 2 Oct 2019 16:16

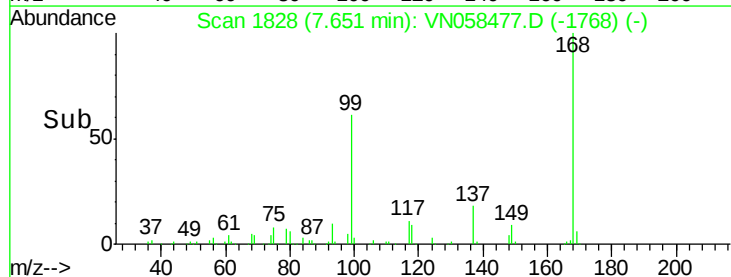
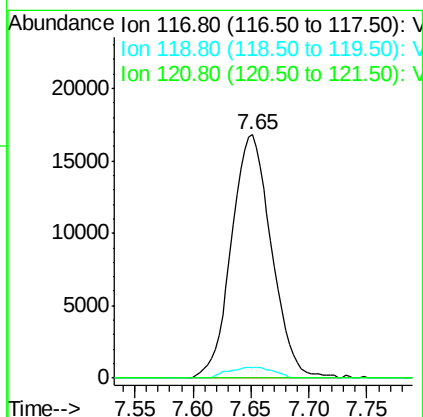
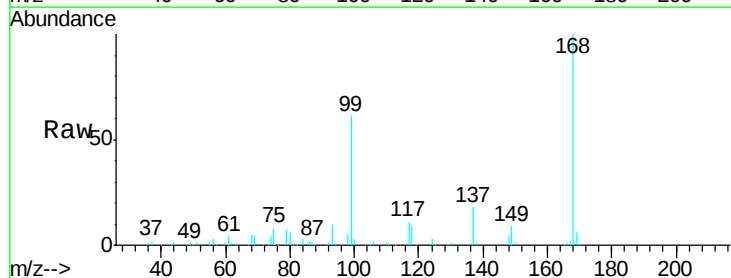
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBL01

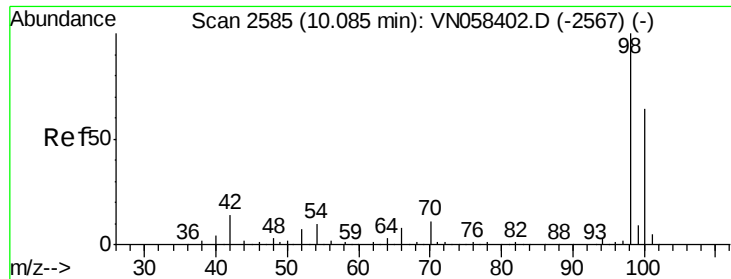
Tgt Ion: 75 Resp: 33252
 Ion Ratio Lower Upper
 75 100
 110 8.0 16.4 49.2#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 7.533 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058477.D
 Acq: 2 Oct 2019 16:16

Tgt Ion: 117 Resp: 40324
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.6 115.0#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.396 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058477.D

Acq: 2 Oct 2019 16:16

Instrument :

MSVOA_N

ClientSampled :

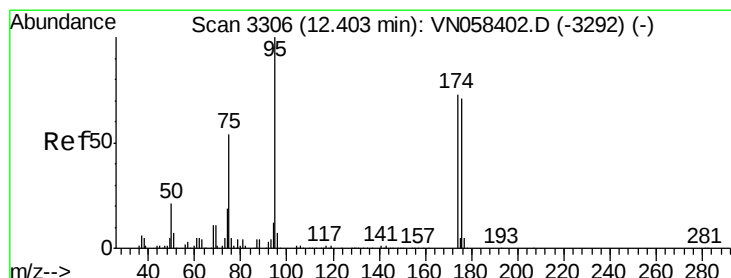
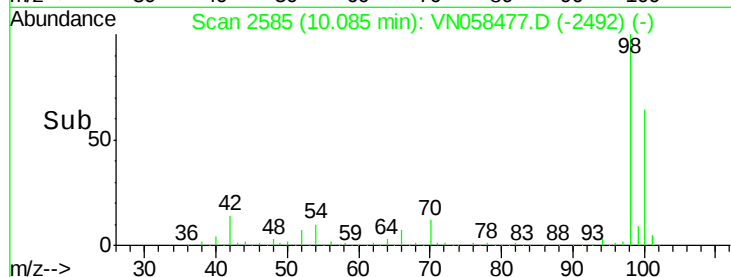
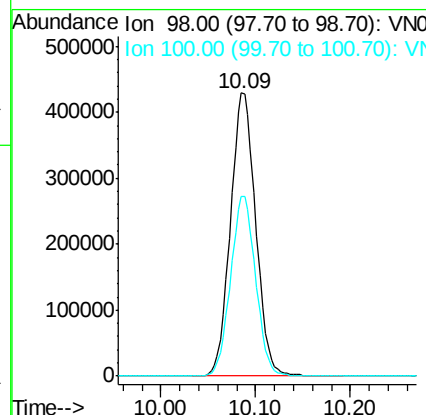
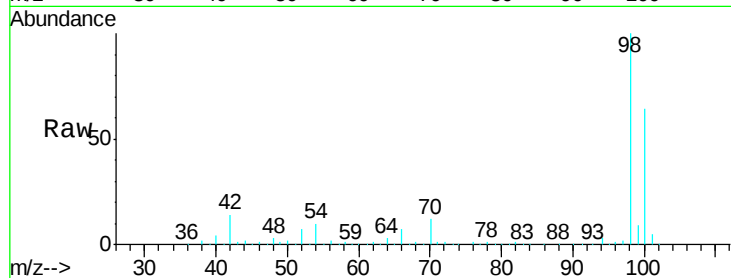
VN1002WBL01

Tgt Ion: 98 Resp: 795149

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 43.683 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058477.D

Acq: 2 Oct 2019 16:16

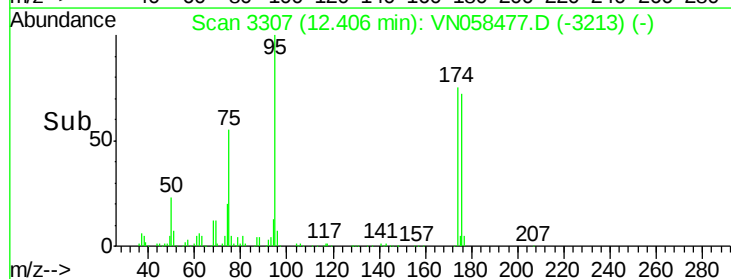
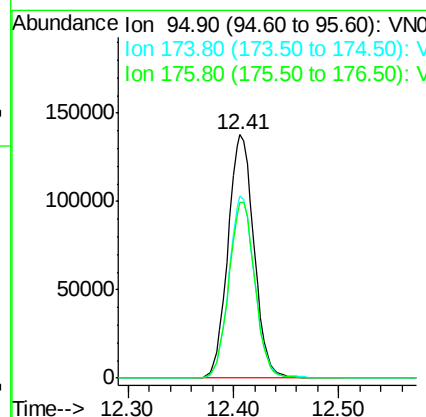
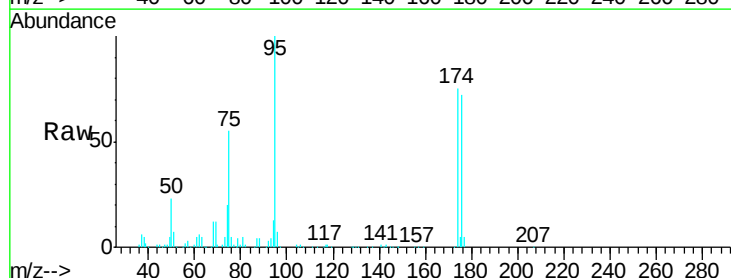
Tgt Ion: 95 Resp: 235209

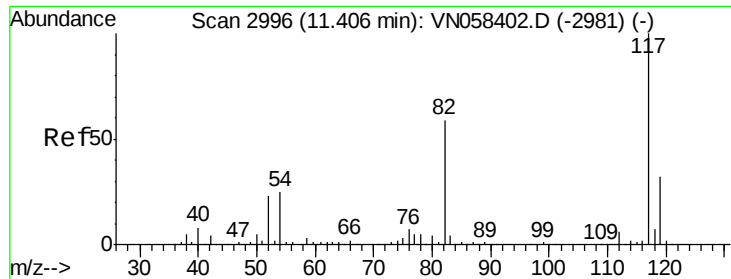
Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.6

176 72.0 0.0 146.2

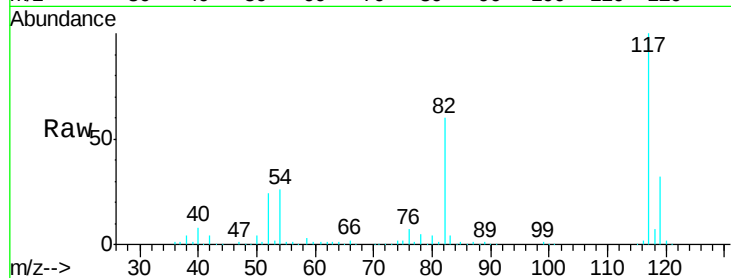




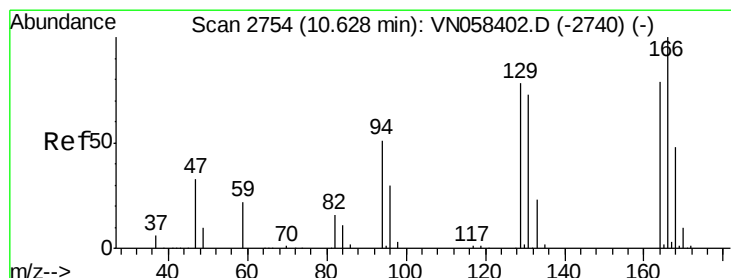
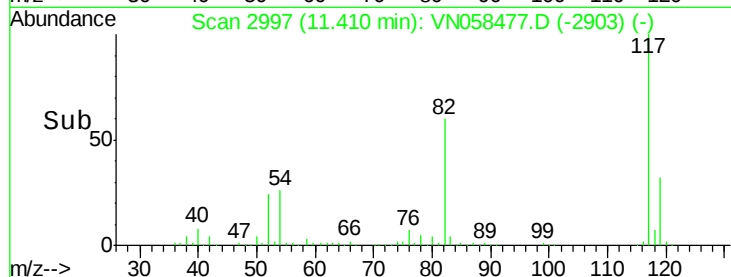
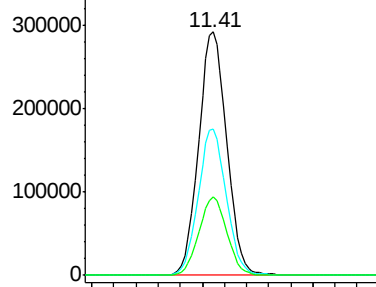
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058477.D
Acq: 2 Oct 2019 16:16

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBL01

Tgt Ion:117 Resp: 516587
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 32.0 25.5 38.3



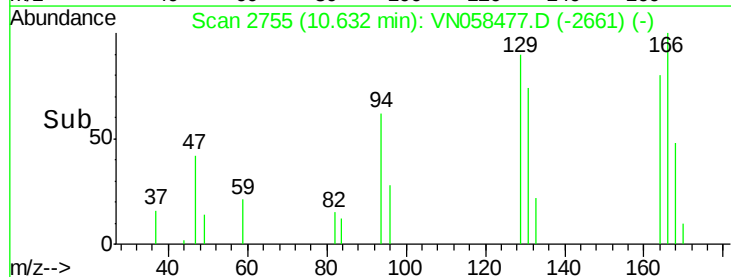
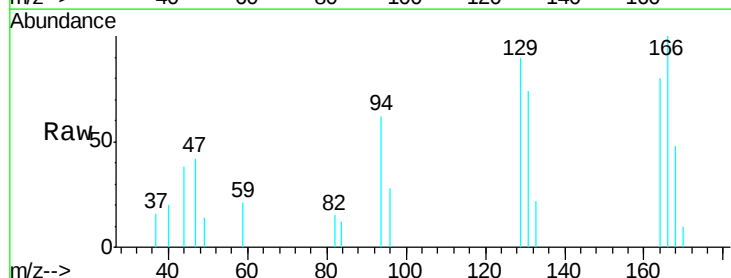
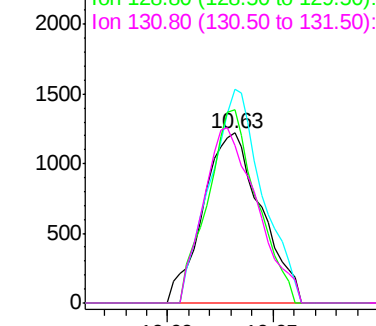
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

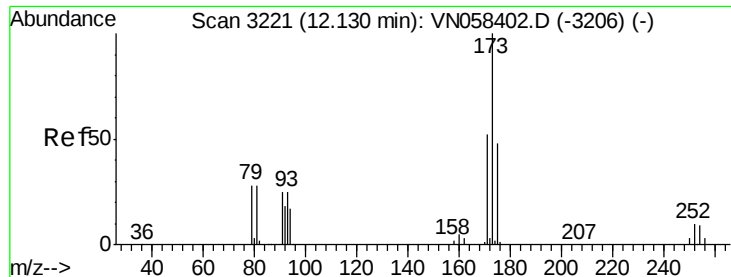


#64
Tetrachloroethene
Concen: 0.714 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058477.D
Acq: 2 Oct 2019 16:16

Tgt Ion:164 Resp: 2342
Ion Ratio Lower Upper
164 100
166 125.6 101.1 151.7
129 113.3 79.2 118.8
131 92.3 74.1 111.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#71

Bromoform

Concen: 0.792 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN058477.D

Acq: 2 Oct 2019 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBL01

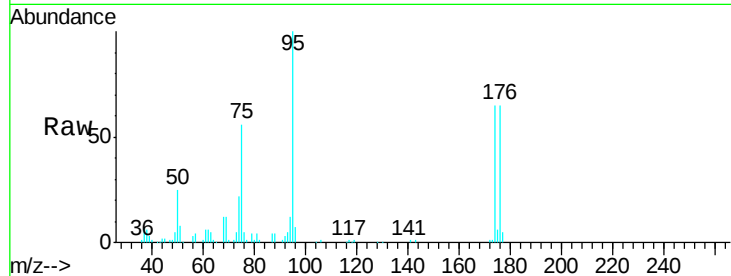
Tgt Ion:173 Resp: 237

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

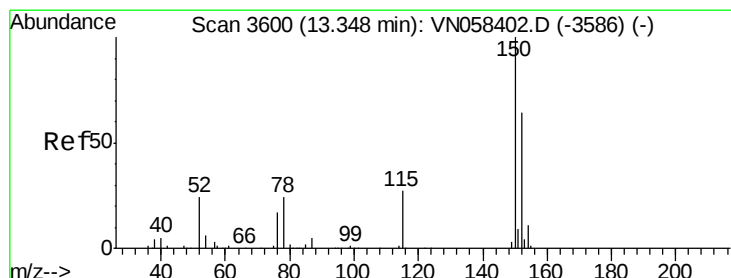
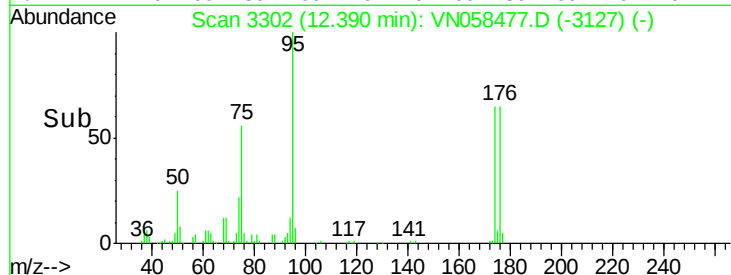
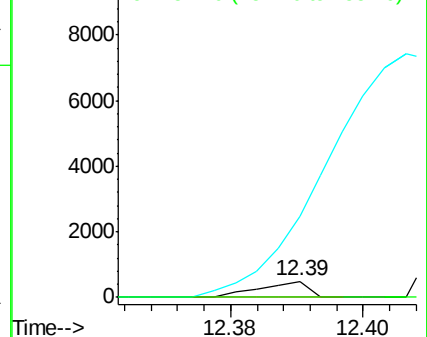
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058477.D

Acq: 2 Oct 2019 16:16

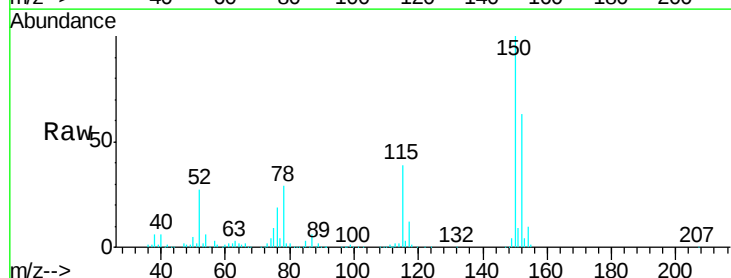
Tgt Ion:152 Resp: 177779

Ion Ratio Lower Upper

152 100

115 62.4 30.0 90.0

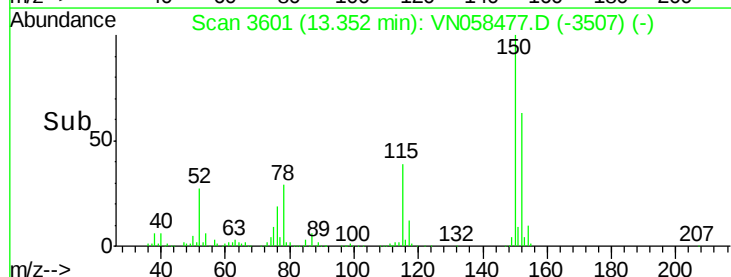
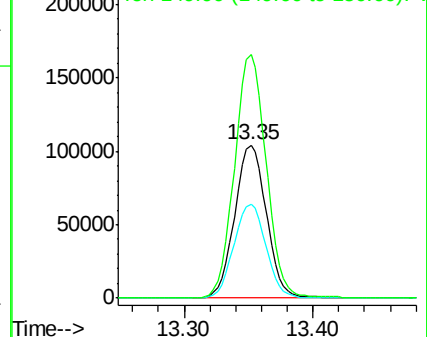
150 159.4 0.0 348.2

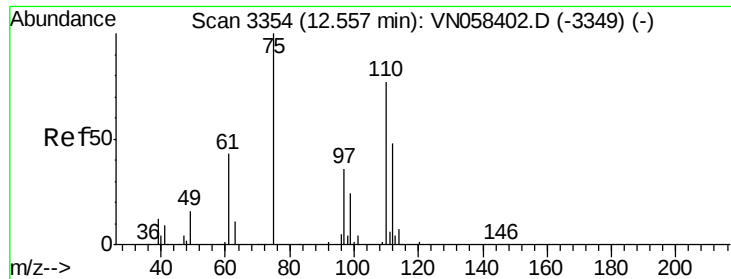


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

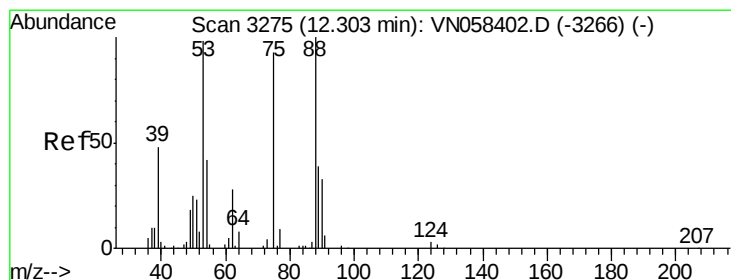
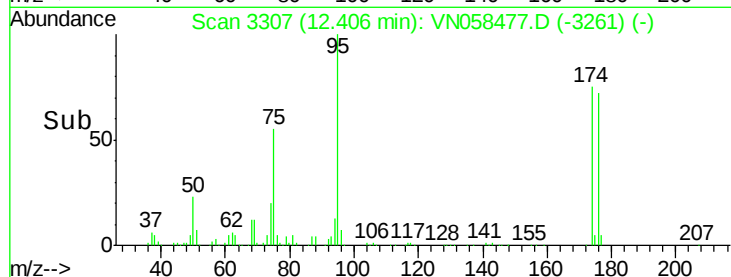
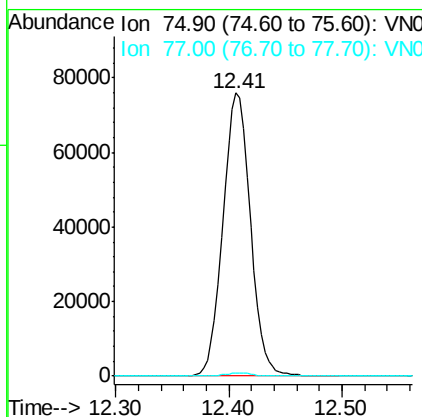
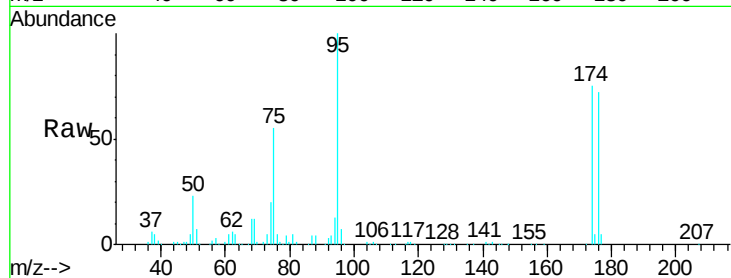




#76
 1,2,3-Trichloropropane
 Concen: 39.604 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN058477.D
 Acq: 2 Oct 2019 16:16

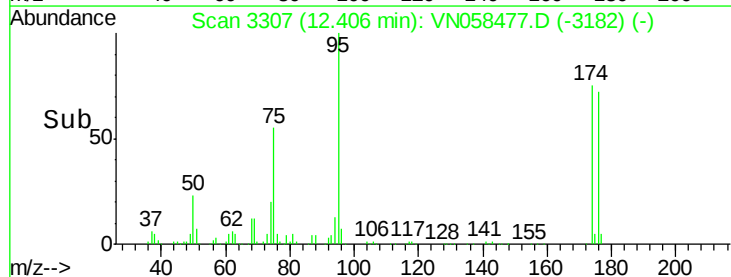
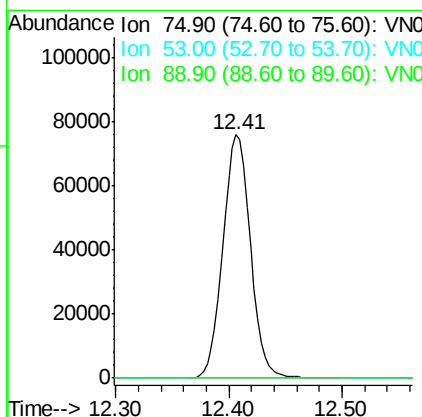
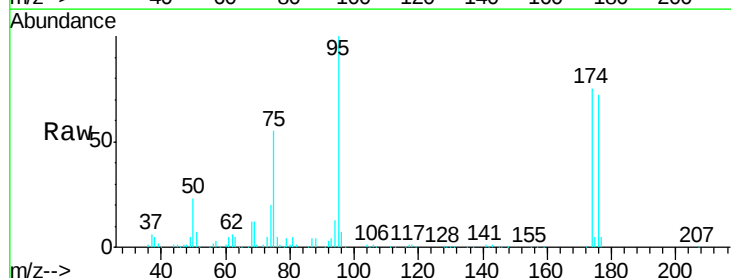
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBL01

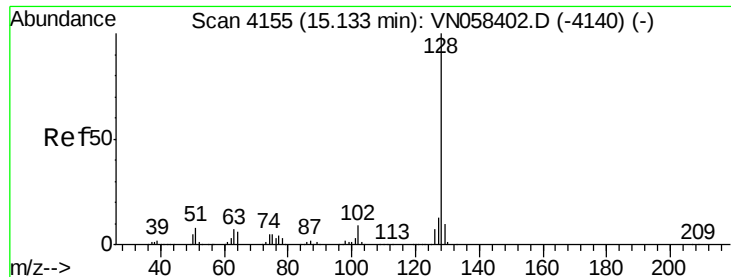
Tgt Ion: 75 Resp: 128601
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.283 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058477.D
 Acq: 2 Oct 2019 16:16

Tgt Ion: 75 Resp: 128601
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.0#
 89 0.0 35.0 52.4#

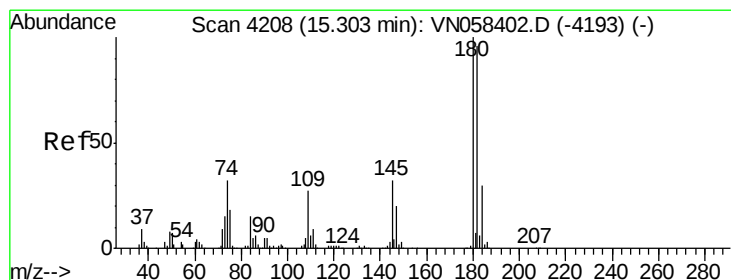
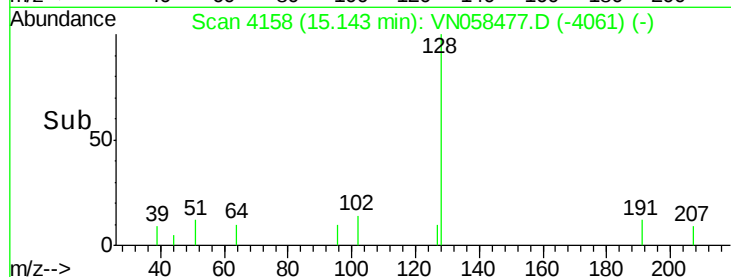
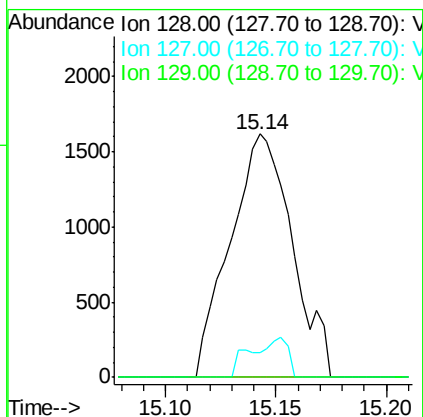
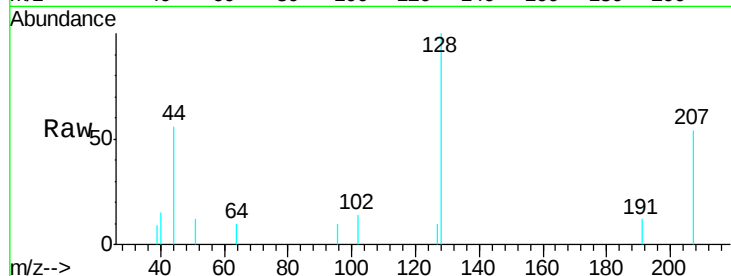




#95
Naphthalene
Concen: 0.334 ug/l
RT: 15.14 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN058477.D
Acq: 2 Oct 2019 16:16

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBL01

Tgt Ion:128 Resp: 3156
Ion Ratio Lower Upper
128 100
127 4.3 10.2 15.4#
129 0.0 8.3 12.5#



#96
1,2,3-Trichlorobenzene
Concen: 0.248 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN058477.D
Acq: 2 Oct 2019 16:16

Tgt Ion:180 Resp: 813
Ion Ratio Lower Upper
180 100
182 77.0 48.3 144.9
145 22.8 16.1 48.3

