

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058975.D
 Acq On : 25 Oct 2019 10:42
 Operator : JC/SP
 Sample : VN1026WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 23:02:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	350367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	556059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	181870	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	266892	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
35) Dibromofluoromethane	7.57	113	191471	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
50) Toluene-d8	10.08	98	711982	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	225128	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	

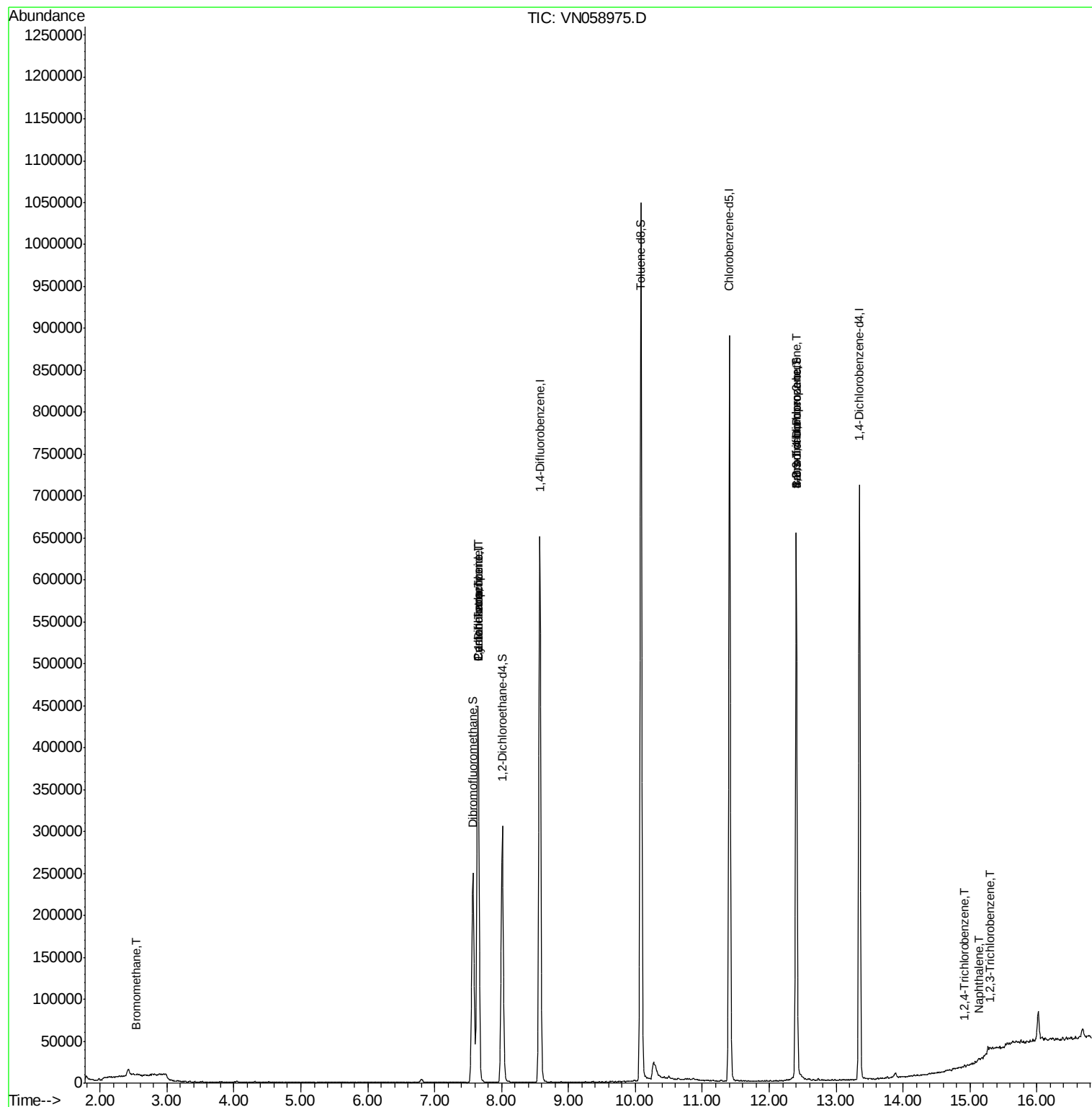
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	745	0.221	ug/l #	69
31) Cyclohexane	7.64	56	8782	1.189	ug/l #	5
36) 1,1-Dichloropropene	7.65	75	29117	5.115	ug/l #	50
38) Carbon Tetrachloride	7.65	117	35457	6.046	ug/l #	18
71) Bromoform	12.40	173	1371	0.467	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	119902	28.446	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	119902	74.105	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.91	180	393	2.624	ug/l	72
95) Naphthalene	15.13	128	1555	2.368	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.30	180	469	2.521	ug/l	93

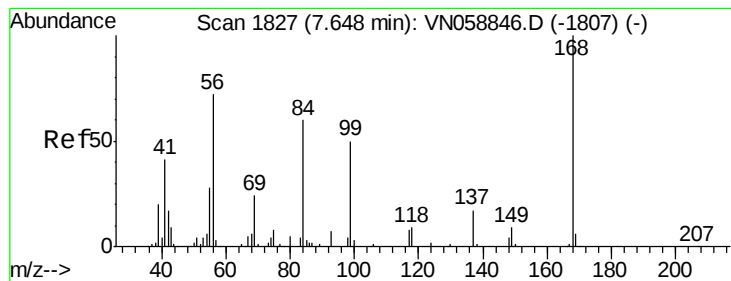
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102619\
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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058975.D

Acq: 25 Oct 2019 10:42

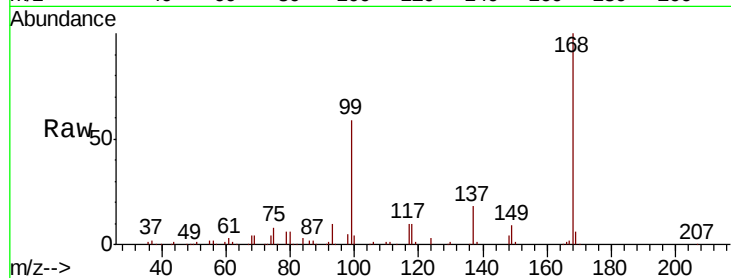
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 350367

Ion Ratio Lower Upper

168 100

99 58.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

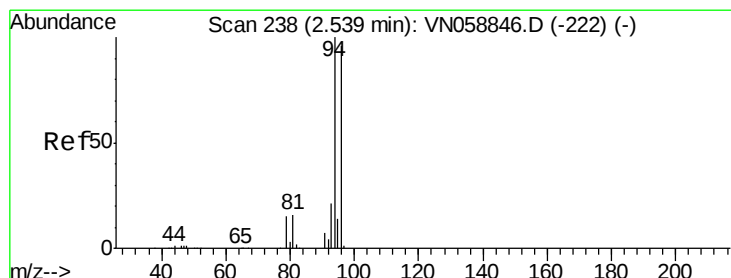
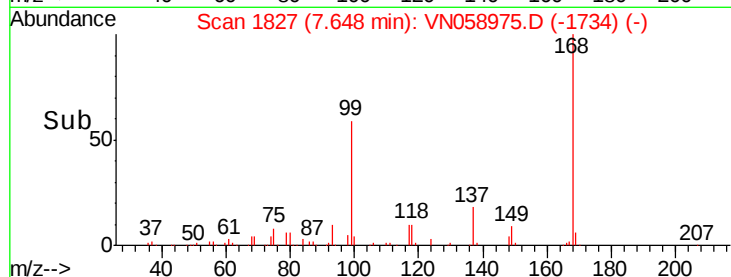
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.221 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.02 min

Lab File: VN058975.D

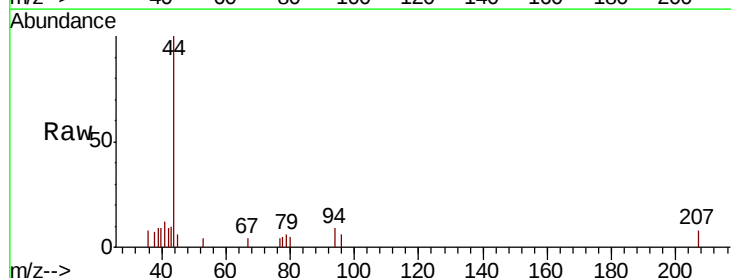
Acq: 25 Oct 2019 10:42

Tgt Ion: 94 Resp: 745

Ion Ratio Lower Upper

94 100

96 65.8 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

500

400

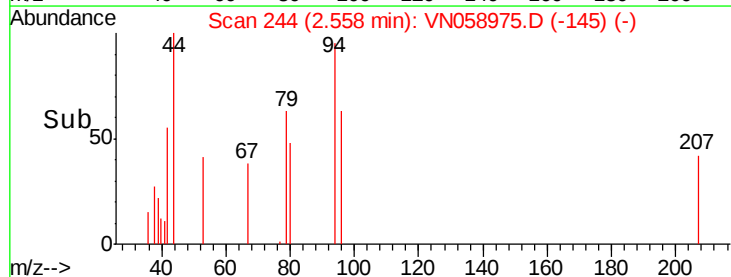
300

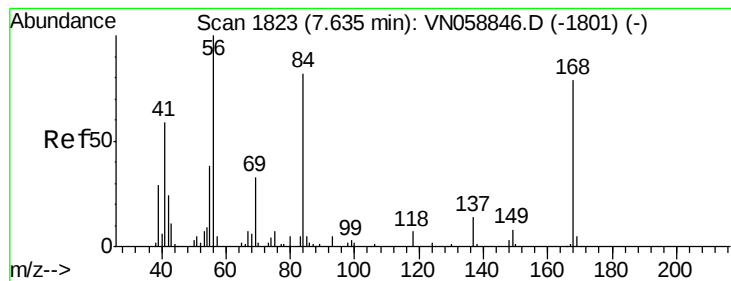
200

100

0

Time-->





#31

Cyclohexane

Concen: 1.189 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN058975.D

Acq: 25 Oct 2019 10:42

Instrument :
MSVOA_N
ClientSampled :

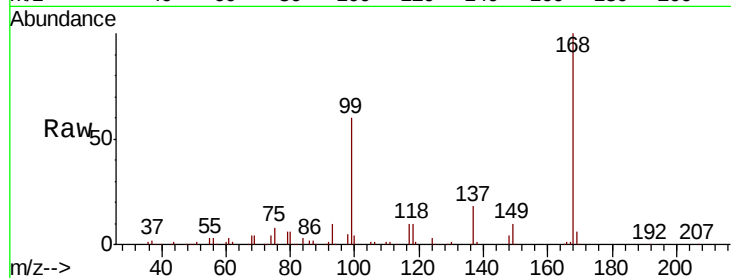
Tot Ion: 56 Resp: 8782

Ion Ratio Lower Upper

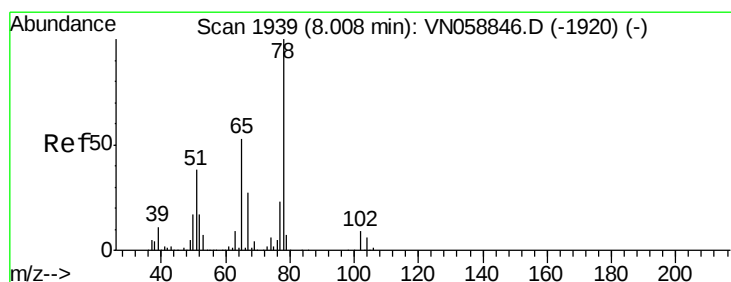
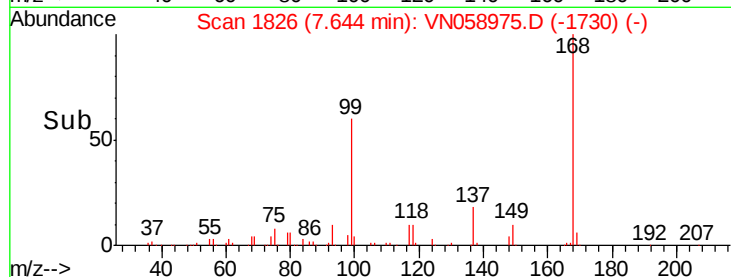
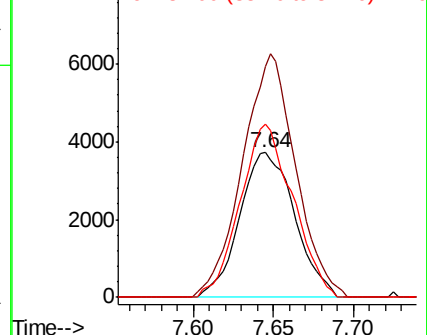
56 100

69 160.0 26.2 39.4#

84 119.7 65.6 98.4#



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



#33

1,2-Dichloroethane-d4

Concen: 51.938 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058975.D

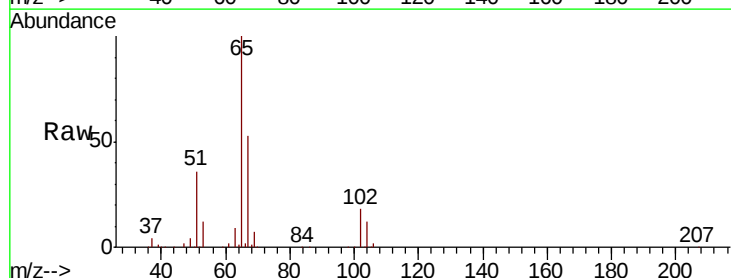
Acq: 25 Oct 2019 10:42

Tgt Ion: 65 Resp: 266892

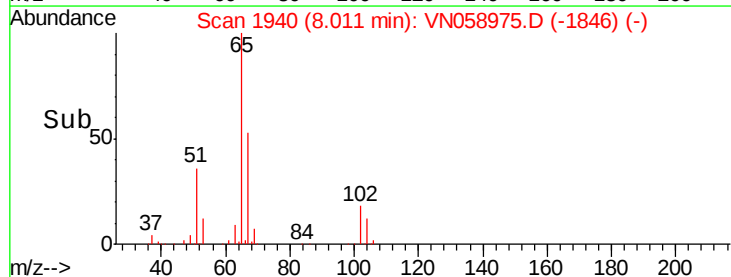
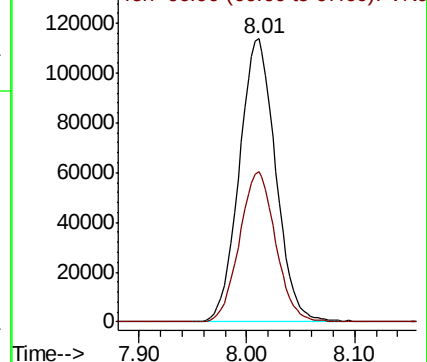
Ion Ratio Lower Upper

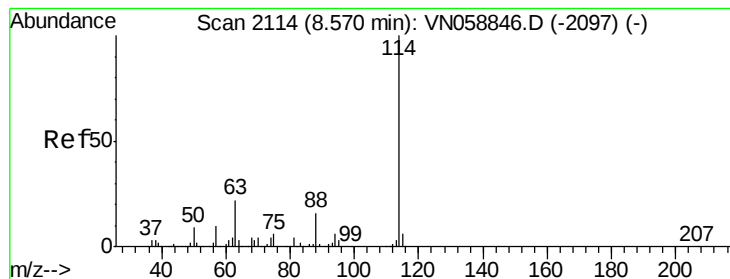
65 100

67 52.5 0.0 103.2



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN058975.D

Acq: 25 Oct 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

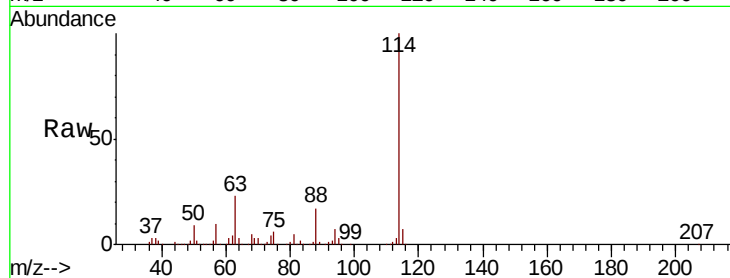
Tot Ion:114 Resp: 556059

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.4

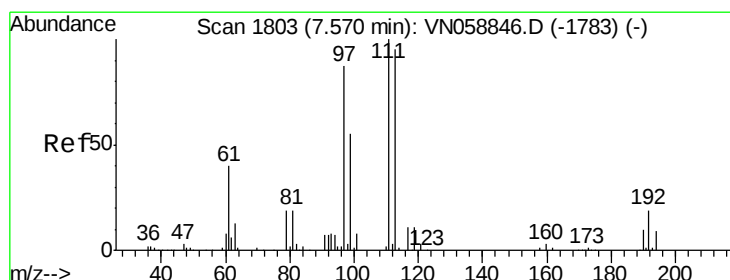
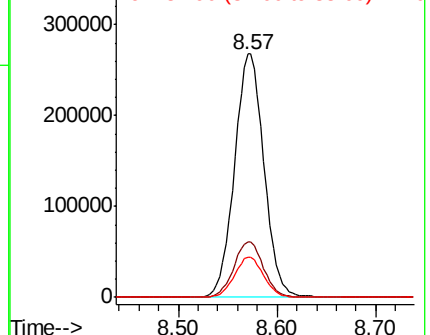
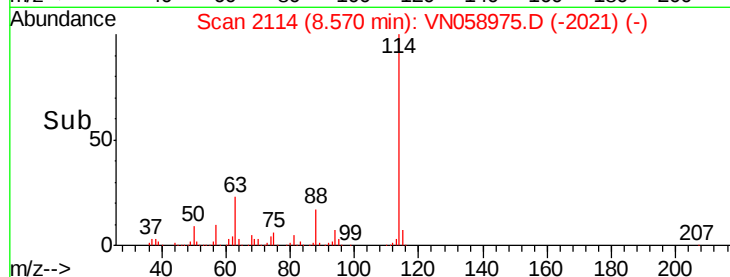
88 16.6 0.0 31.4



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: 52.373 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN058975.D

Acq: 25 Oct 2019 10:42

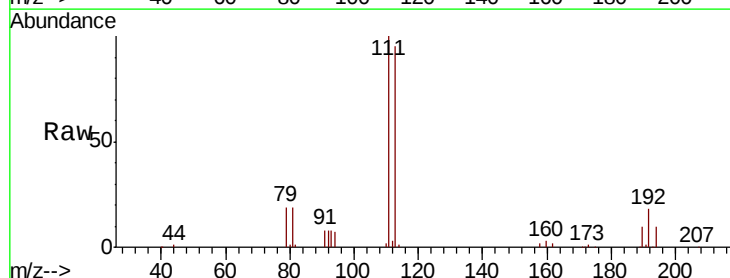
Tgt Ion:113 Resp: 191471

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

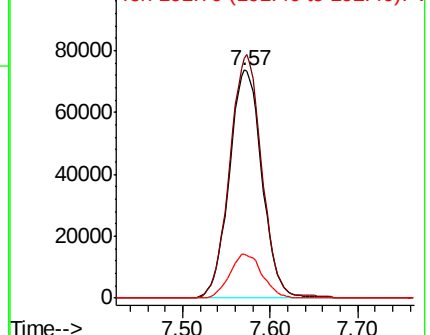
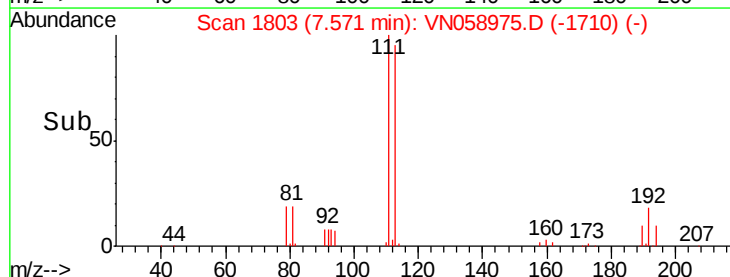
192 19.1 15.0 22.6

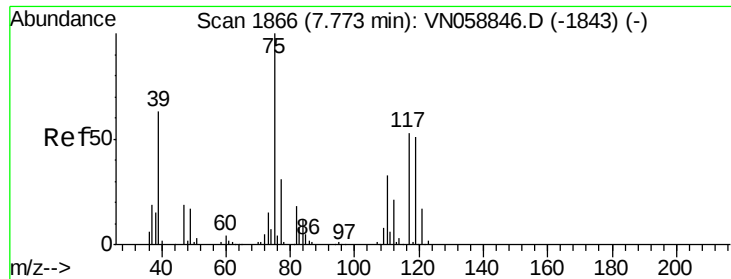


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

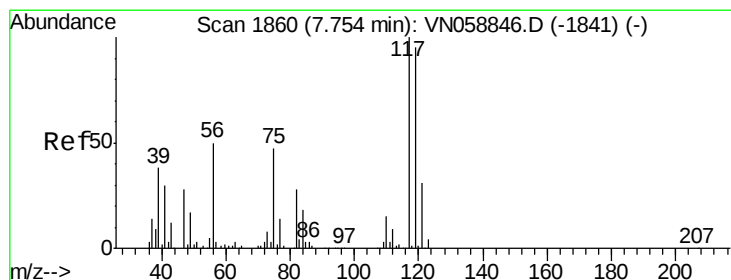
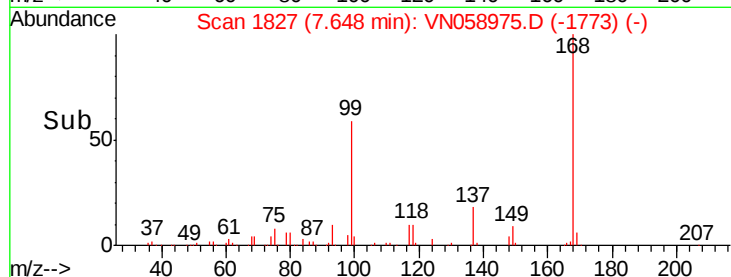
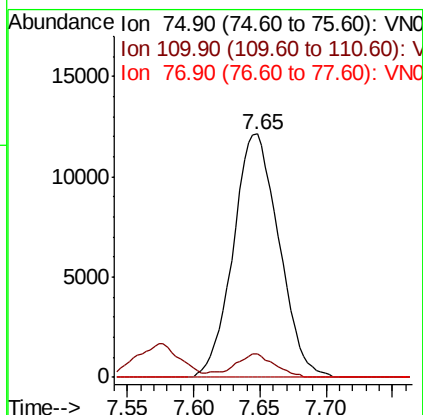
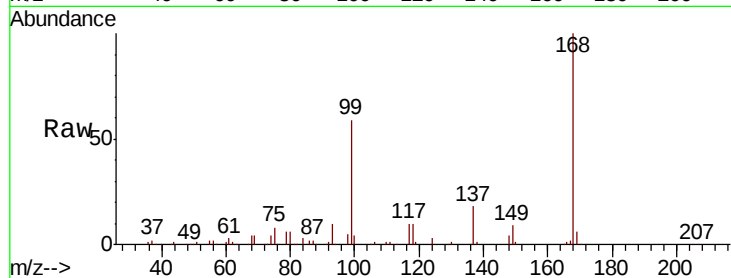




#36
 1,1-Dichloropropene
 Concen: 5.115 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058975.D
 Acq: 25 Oct 2019 10:42

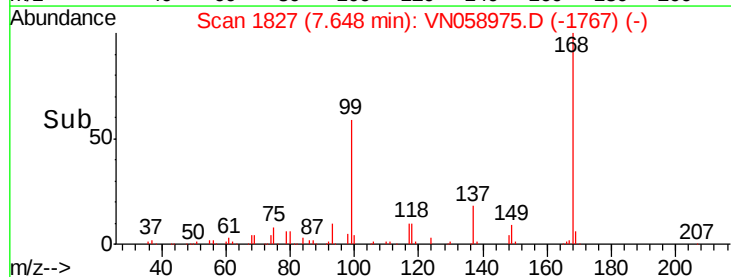
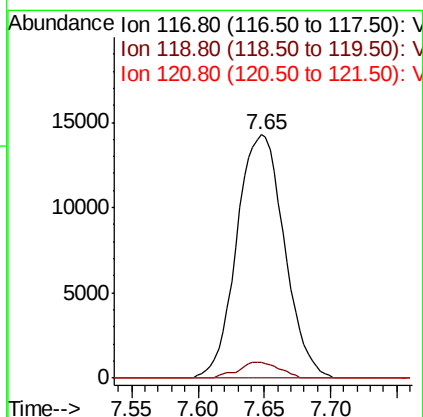
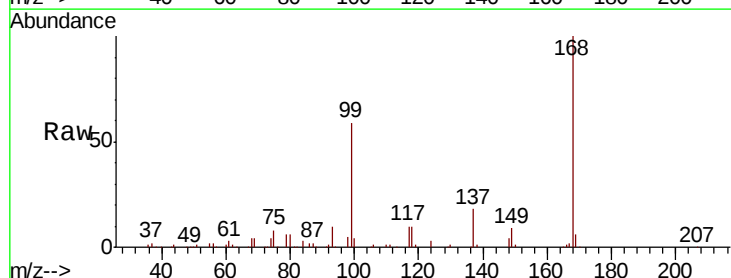
Instrument :
 MSVOA_N
 ClientSampled :

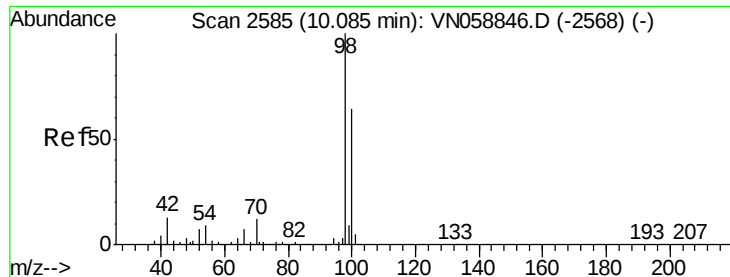
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.3	48.9#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.046 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058975.D
 Acq: 25 Oct 2019 10:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	75.7	113.5#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 50.168 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058975.D

Acq: 25 Oct 2019 10:42

Instrument :

MSVOA_N

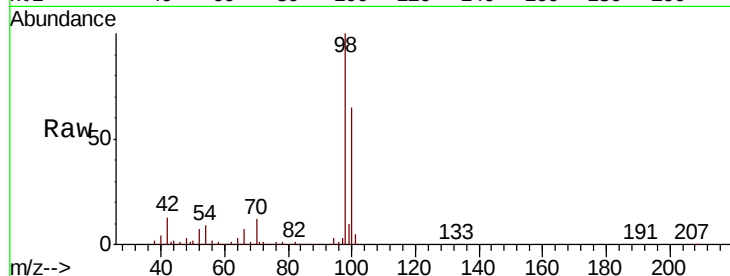
ClientSampled :

Tot Ion: 98 Resp: 711982

Ion Ratio Lower Upper

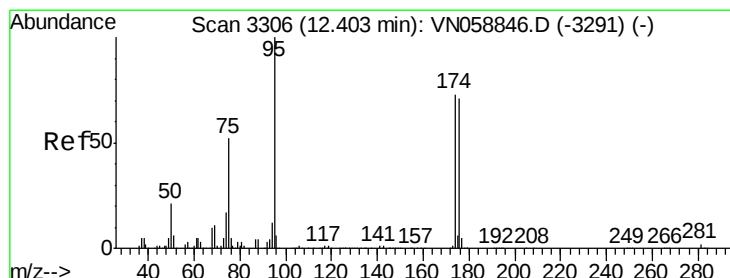
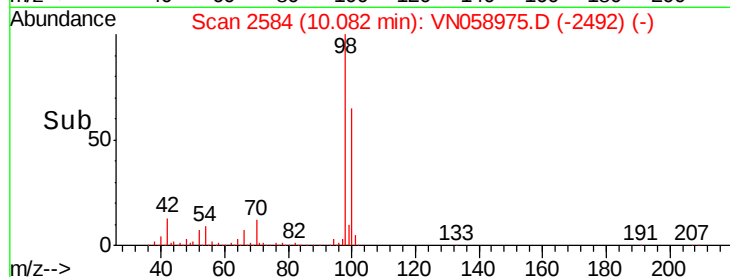
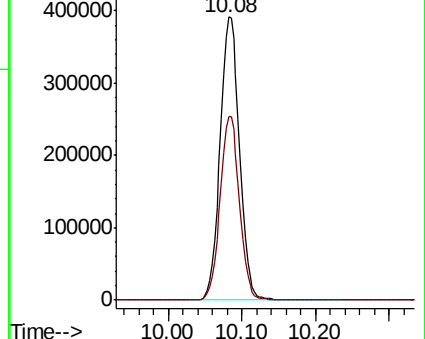
98 100

100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 43.197 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058975.D

Acq: 25 Oct 2019 10:42

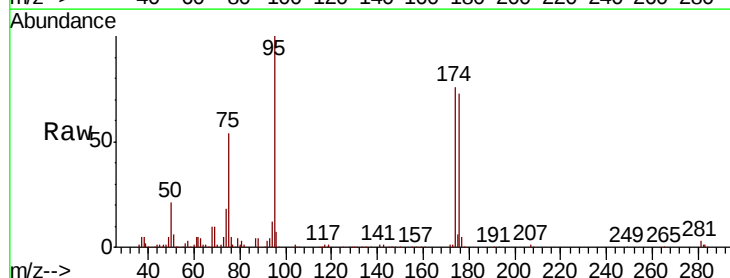
Tgt Ion: 95 Resp: 225128

Ion Ratio Lower Upper

95 100

174 77.7 0.0 147.6

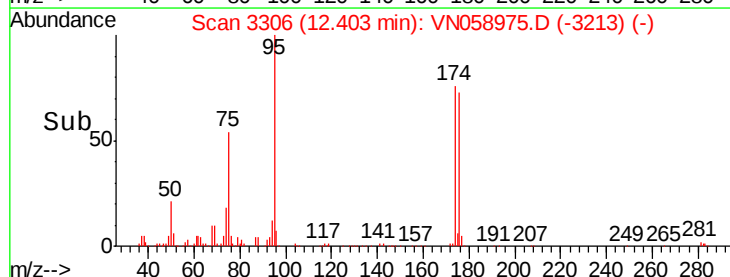
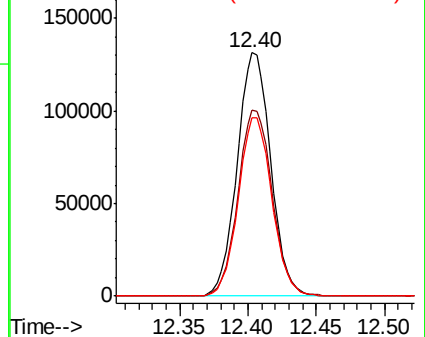
176 73.6 0.0 143.2

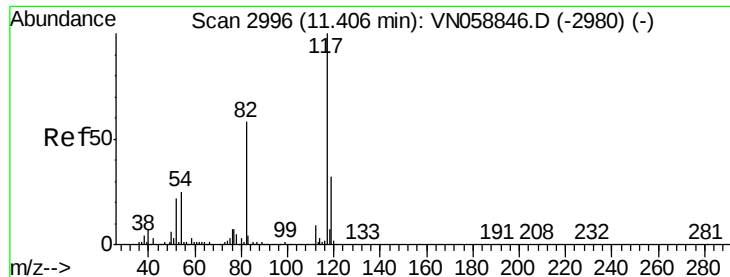


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

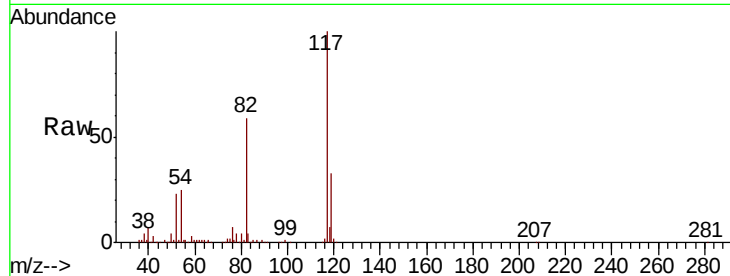




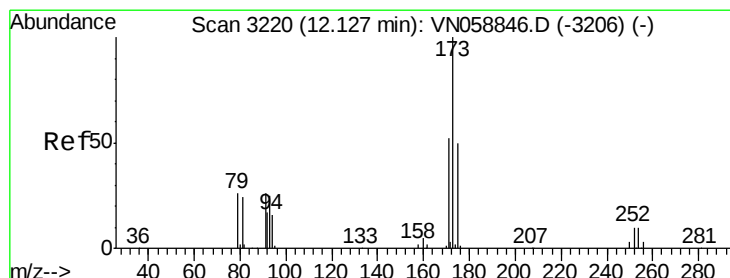
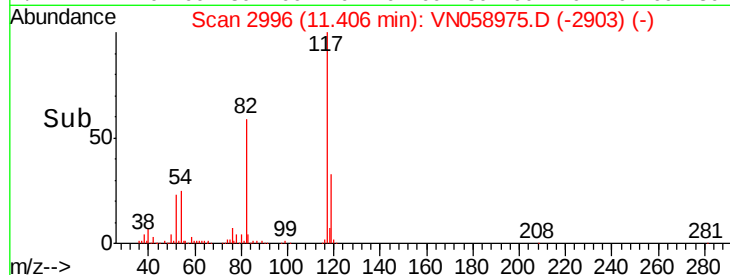
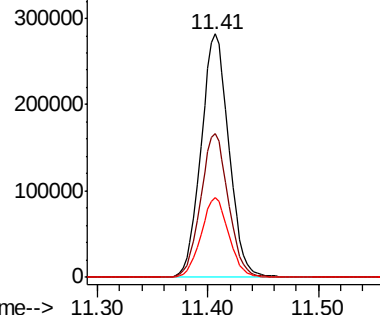
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058975.D
Acq: 25 Oct 2019 10:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 492519
Ion Ratio Lower Upper
117 100
82 59.0 46.6 69.8
119 32.6 25.6 38.4

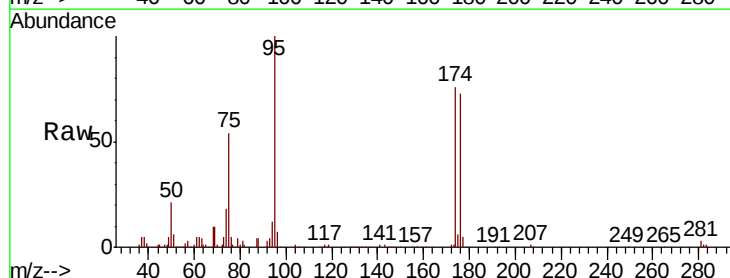


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

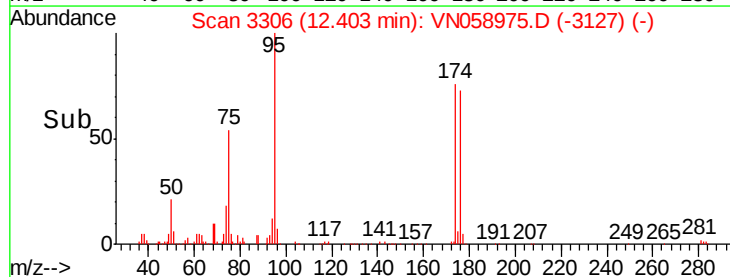
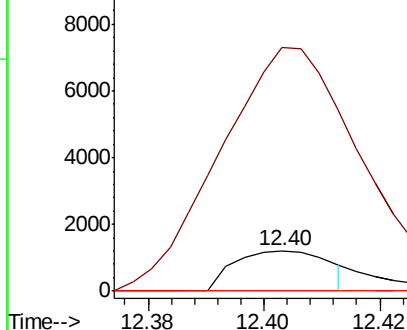


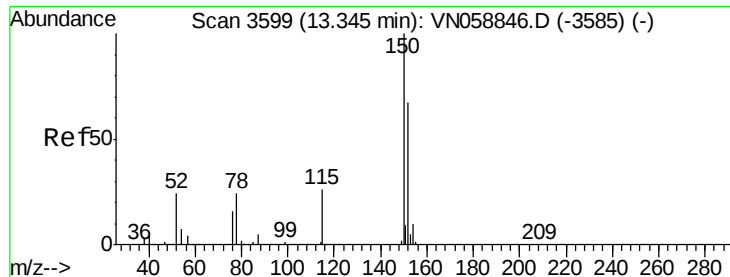
#71
Bromoform
Concen: 0.467 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN058975.D
Acq: 25 Oct 2019 10:42

Tgt Ion:173 Resp: 1371
Ion Ratio Lower Upper
173 100
175 721.5 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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058975.D

Acq: 25 Oct 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

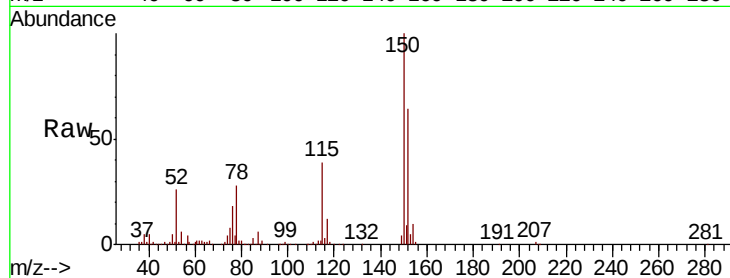
Tot Ion:152 Resp: 181870

Ion Ratio Lower Upper

152 100

115 61.7 30.5 91.5

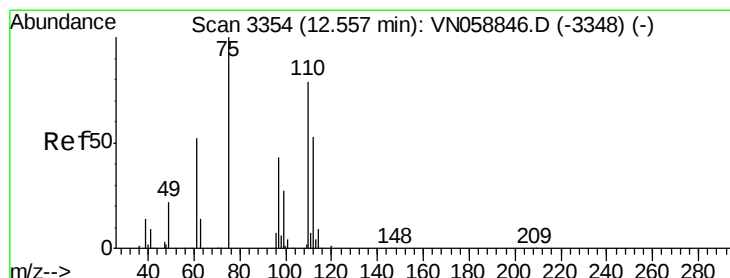
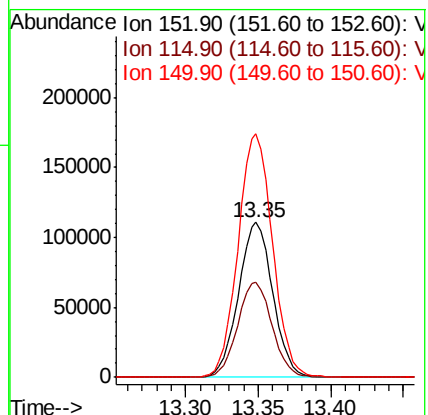
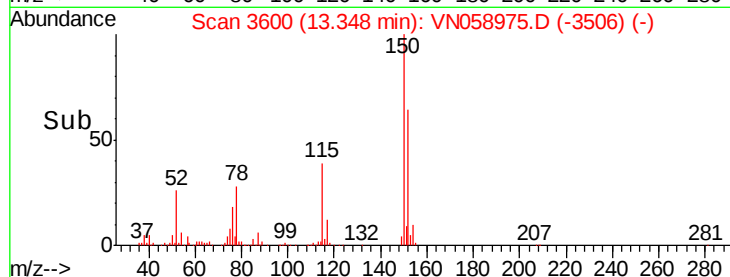
150 158.5 0.0 344.4



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: 28.446 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058975.D

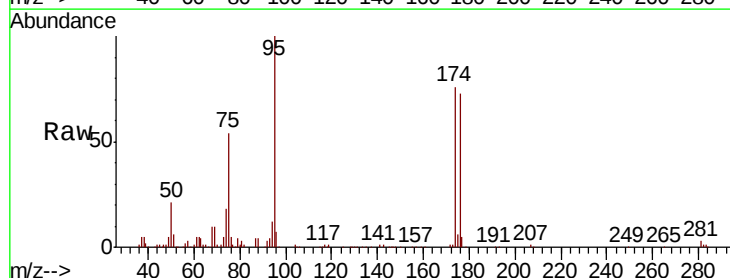
Acq: 25 Oct 2019 10:42

Tgt Ion: 75 Resp: 119902

Ion Ratio Lower Upper

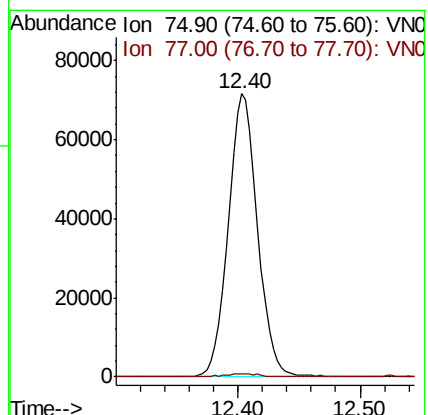
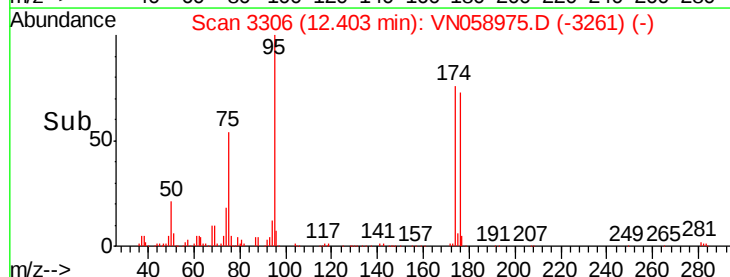
75 100

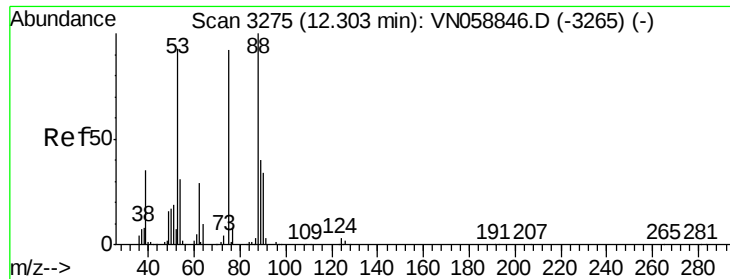
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

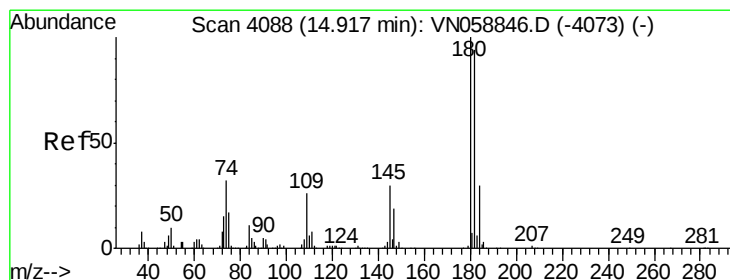
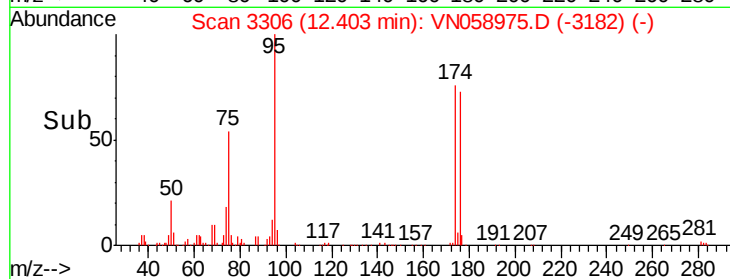
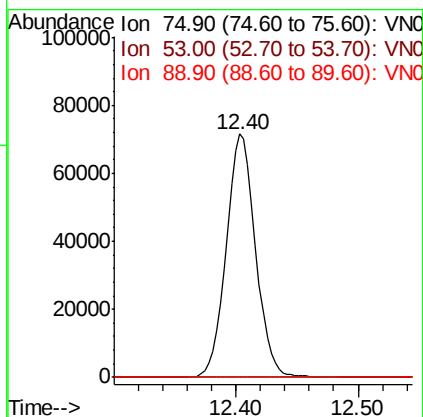
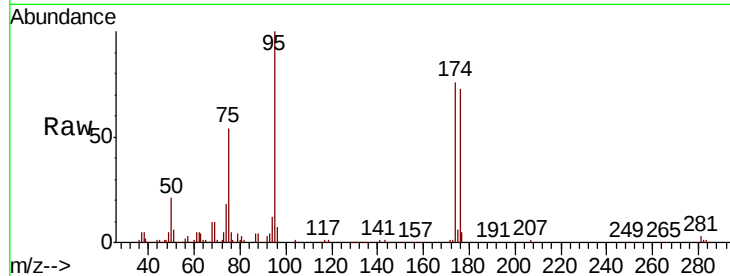




#81
trans-1,4-Dichloro-2-butene
Concen: 74.105 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058975.D
Acq: 25 Oct 2019 10:42

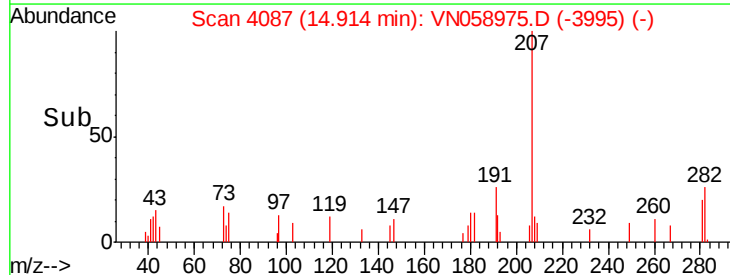
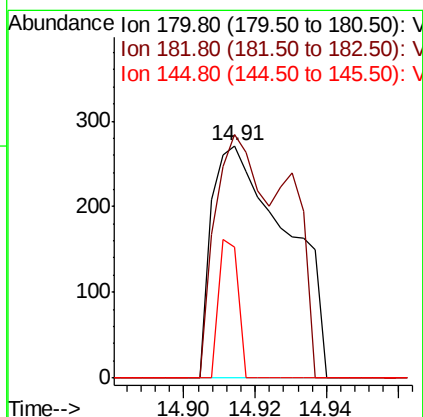
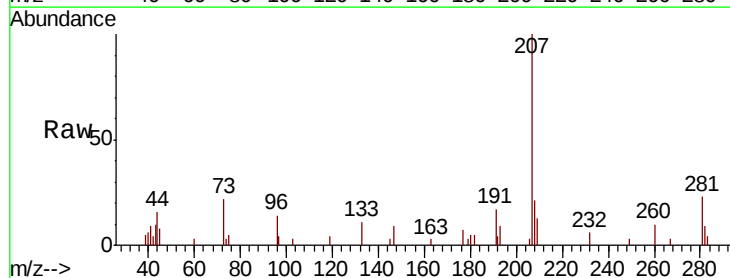
Instrument :
MSVOA_N
ClientSampleId :

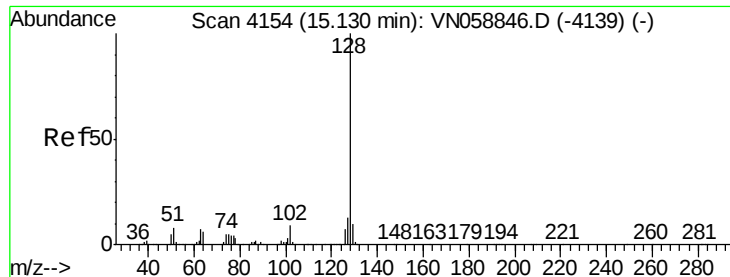
Tot Ion: 75 Resp: 119902
Ion Ratio Lower Upper
75 100
53 0.1 78.6 118.0#
89 0.0 35.4 53.0#



#93
1,2,4-Trichlorobenzene
Concen: 2.624 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN058975.D
Acq: 25 Oct 2019 10:42

Tgt Ion:180 Resp: 393
Ion Ratio Lower Upper
180 100
182 67.9 47.3 142.0
145 15.5 15.3 45.8





#95

Naphthalene

Concen: 2.368 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058975.D

Acq: 25 Oct 2019 10:42

Instrument :

MSVOA_N

ClientSampleId :

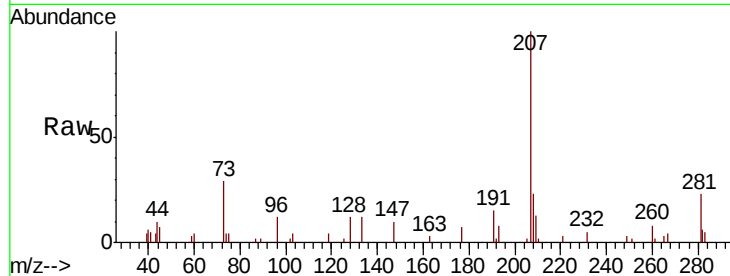
Tot Ion:128 Resp: 1555

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

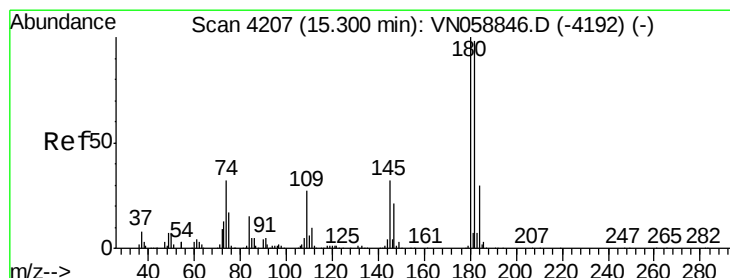
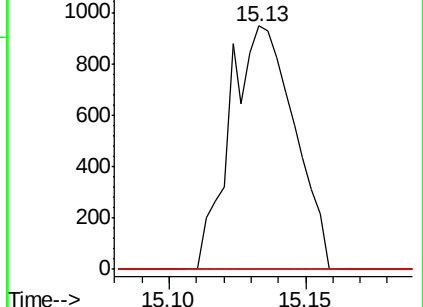
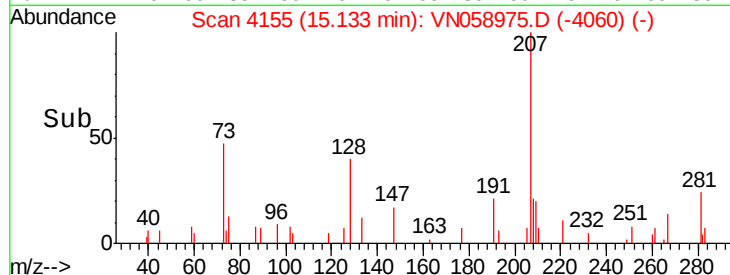
129 0.0 8.4 12.6#



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



#96

1,2,3-Trichlorobenzene

Concen: 2.521 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058975.D

Acq: 25 Oct 2019 10:42

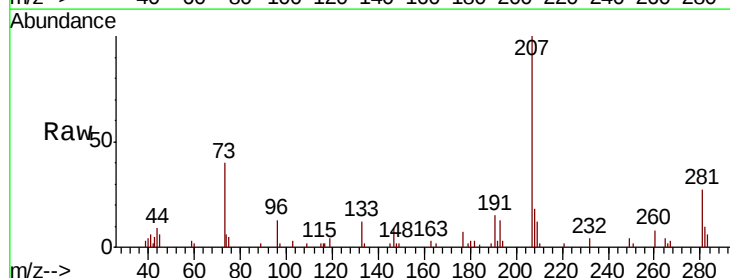
Tgt Ion:180 Resp: 469

Ion Ratio Lower Upper

180 100

182 91.5 47.9 143.7

145 40.9 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

