

Data File : VN057774.D
Acq On : 7 Sep 2019 23:55
Operator : JC/SP
Sample : VN0907WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

Quant Time: Sep 08 06:42:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	191629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	308874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	281111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	145498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	224999	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	7.58	113	137146	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	10.09	98	523049	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	188161	43.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.06%	

Target Compounds

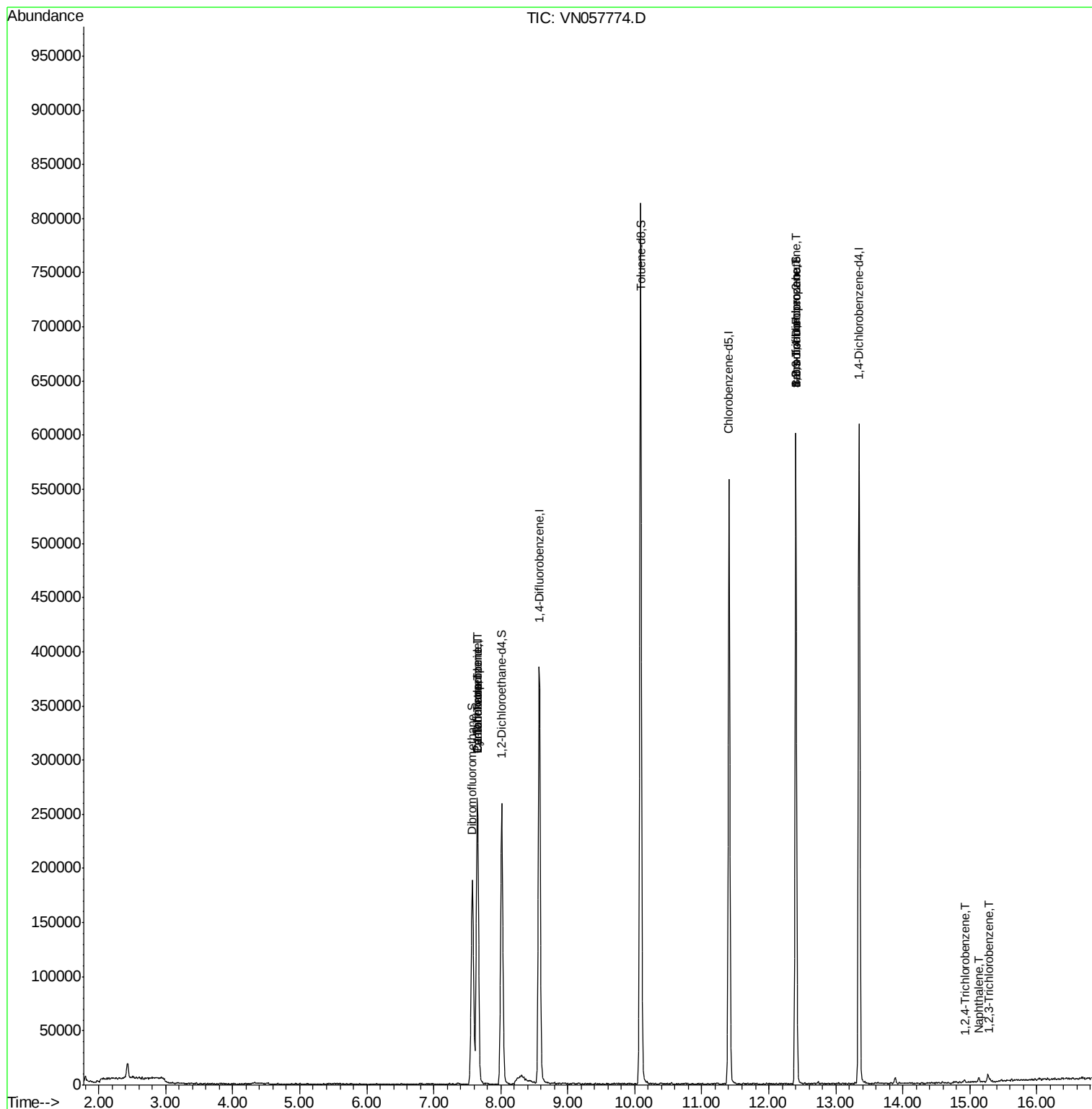
						Qvalue
3) Chloromethane	2.03	50	484	Below Cal	#	84
31) Cyclohexane	7.65	56	6258	1.196	ug/l #	36
36) 1,1-Dichloropropene	7.65	75	18685	4.547	ug/l #	47
38) Carbon Tetrachloride	7.64	117	21555	5.478	ug/l #	15
71) Bromoform	12.40	173	876	3.672	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	113661	34.018	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	113661	105.797	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.93	180	975	0.317	ug/l	78
95) Naphthalene	15.13	128	3287	0.368	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.30	180	1085	0.368	ug/l #	74

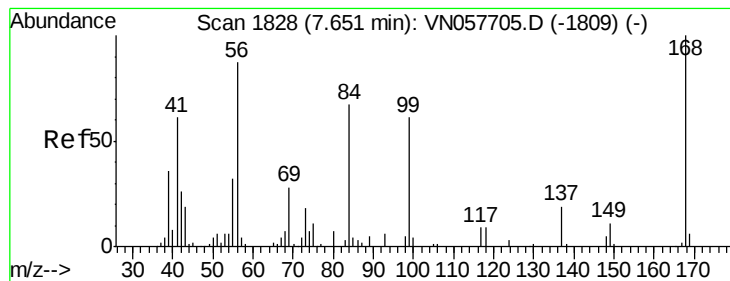
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

Instrument :

MSVOA_N

ClientSampleId :

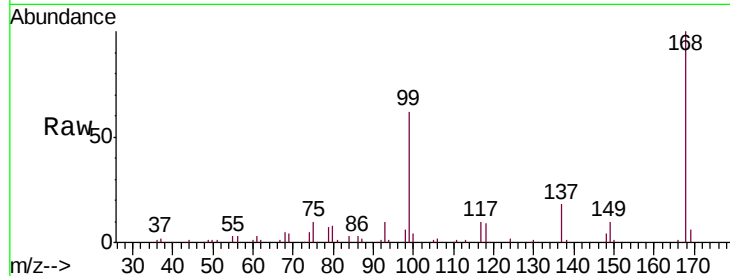
VN0907WBL02

Tgt Ion:168 Resp: 191629

Ion Ratio Lower Upper

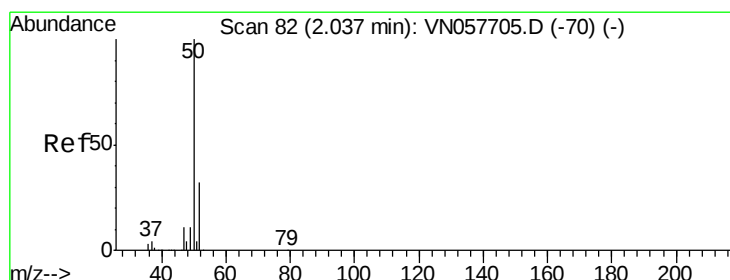
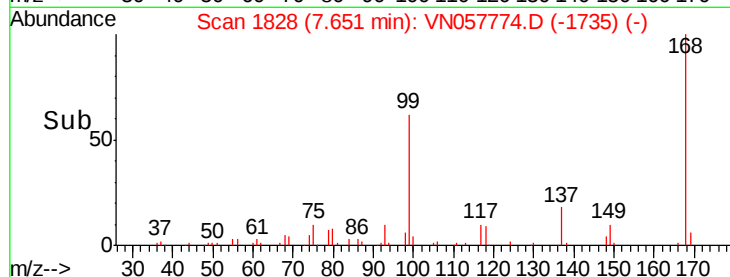
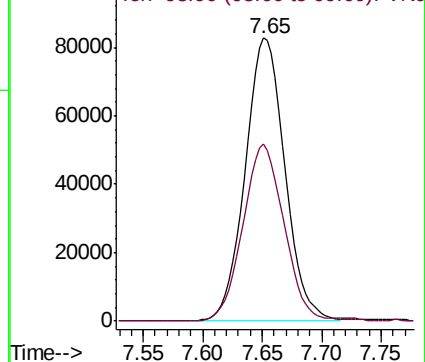
168 100

99 62.5 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057774.D

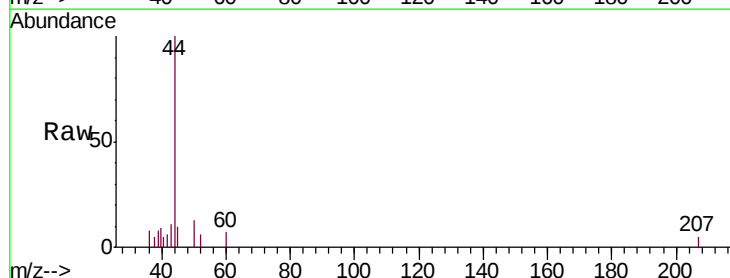
Acq: 7 Sep 2019 23:55

Tgt Ion: 50 Resp: 484

Ion Ratio Lower Upper

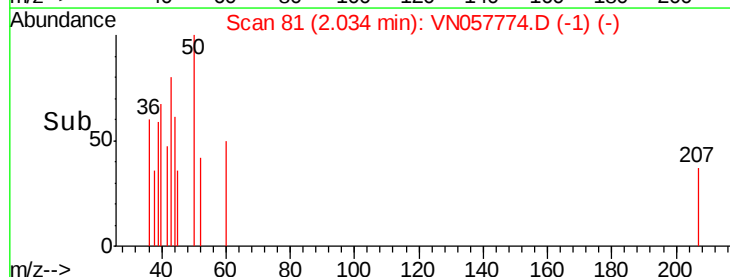
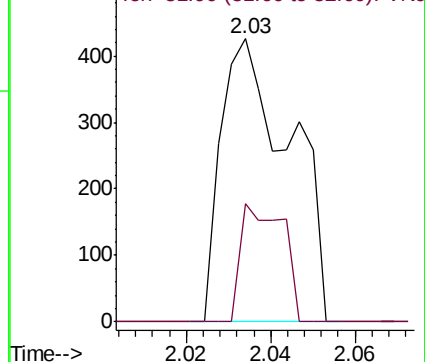
50 100

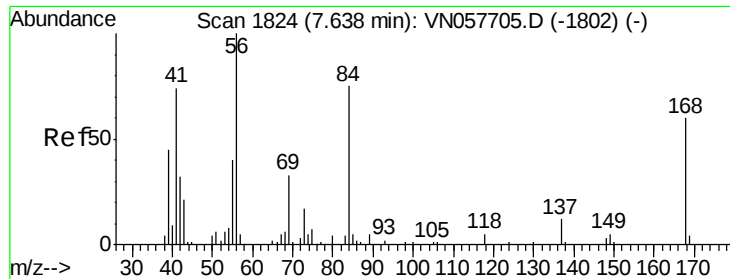
52 41.5 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

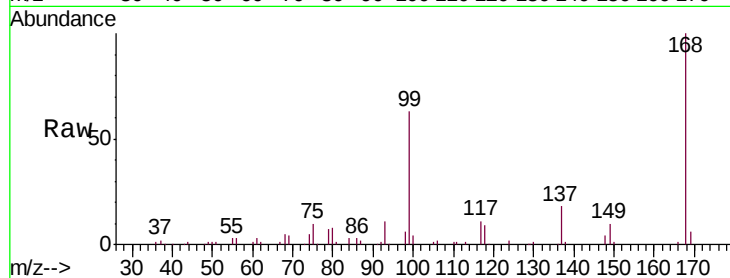




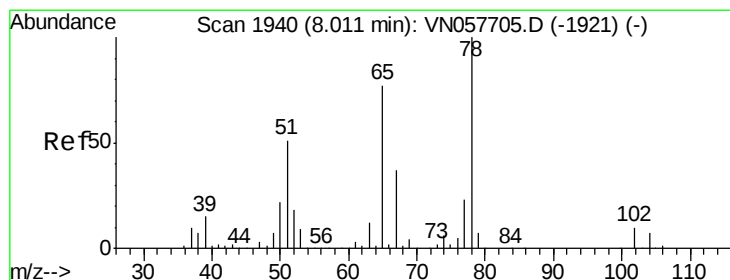
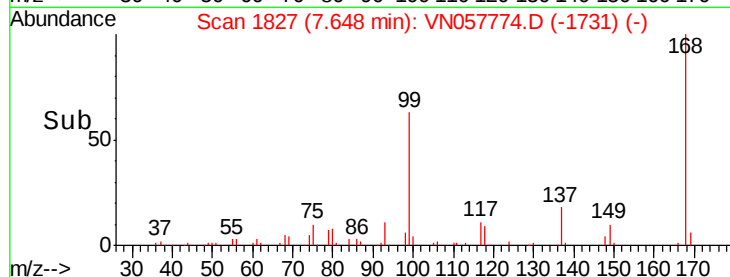
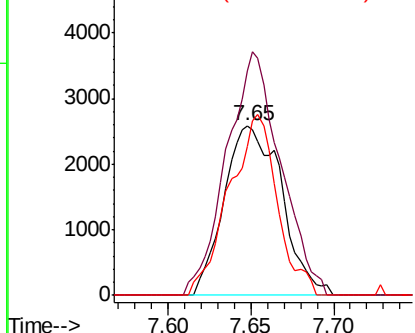
#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

Tgt Ion: 56 Resp: 6258
Ion Ratio Lower Upper
56 100
69 132.4 26.2 39.2#
84 87.5 59.8 89.8

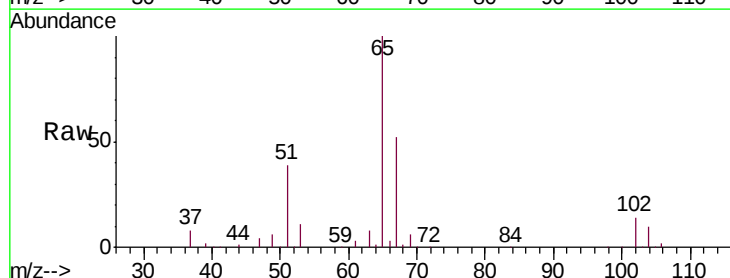


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

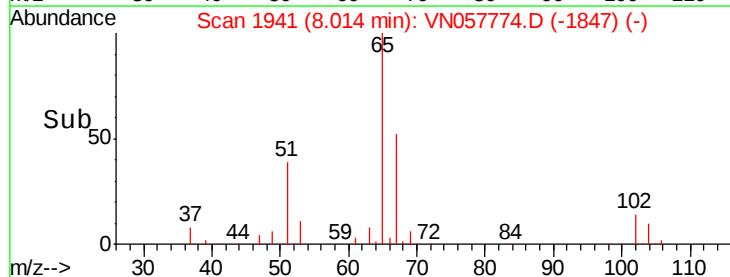
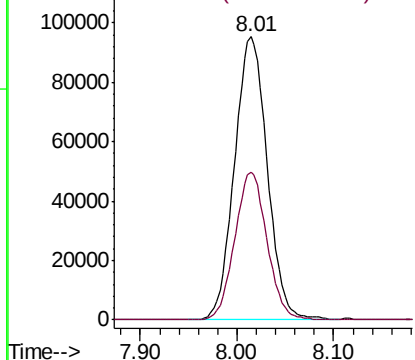


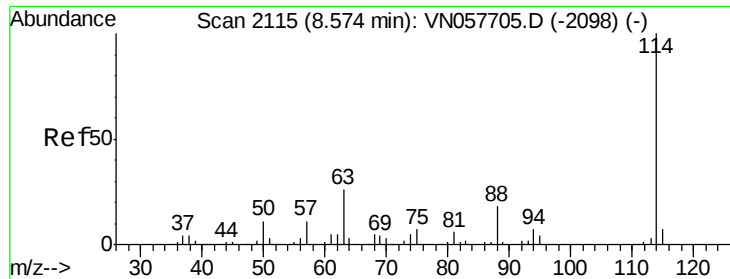
#33
1,2-Dichloroethane-d4
Concen: 48.265 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

Tgt Ion: 65 Resp: 224999
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2



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

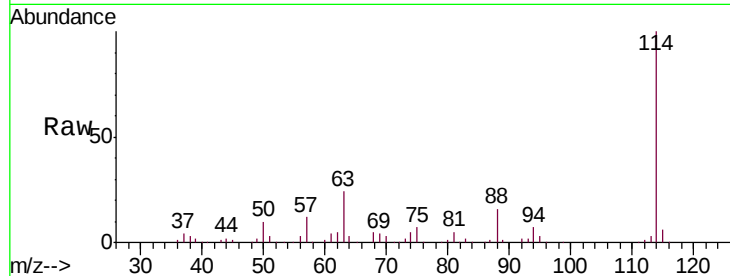




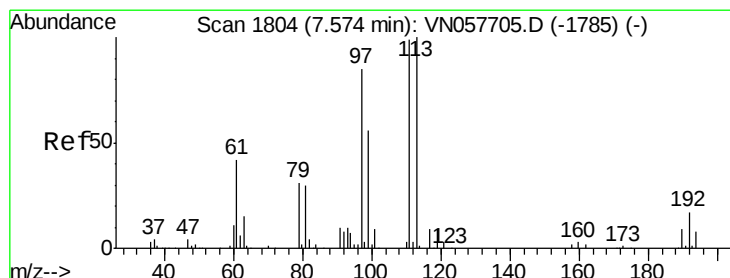
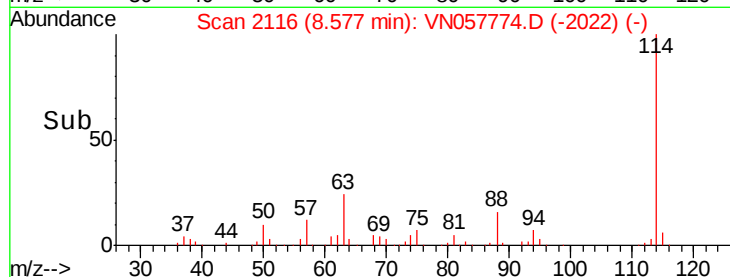
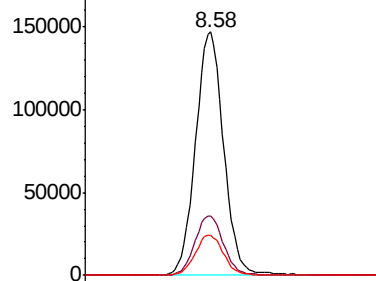
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

Tgt Ion:114 Resp: 308874
Ion Ratio Lower Upper
114 100
63 24.3 0.0 52.4
88 16.3 0.0 35.4

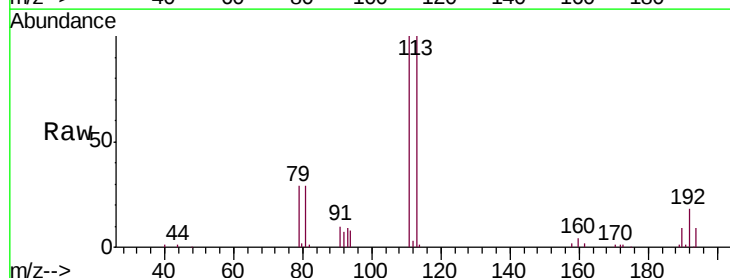


Abundance Ion 113.90 (113.60 to 114.60): V
200000
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

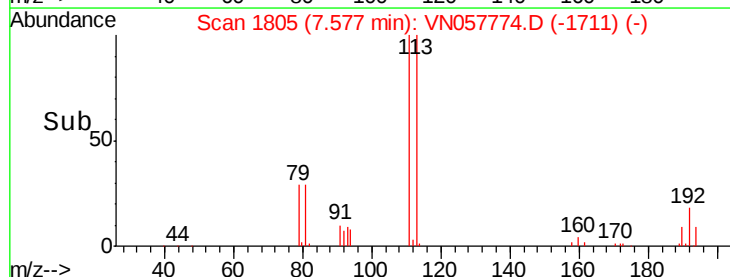
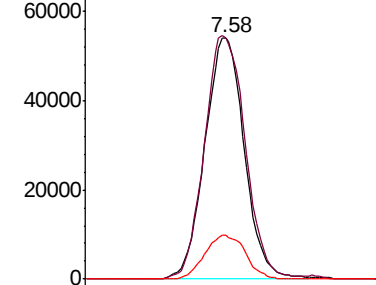


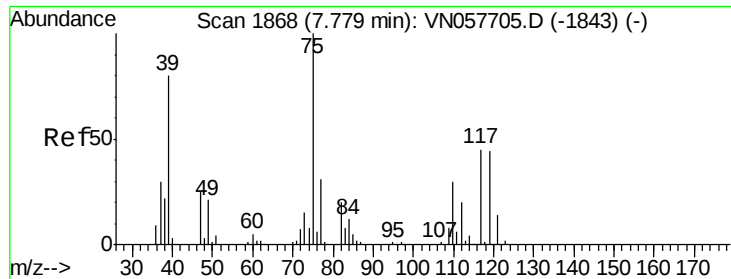
#35
Dibromofluoromethane
Concen: 48.748 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

Tgt Ion:113 Resp: 137146
Ion Ratio Lower Upper
113 100
111 104.2 82.7 124.1
192 18.8 13.8 20.6



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

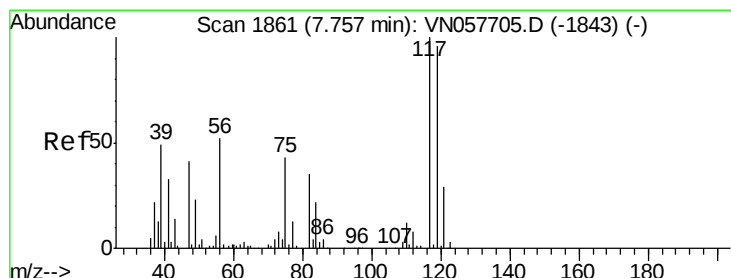
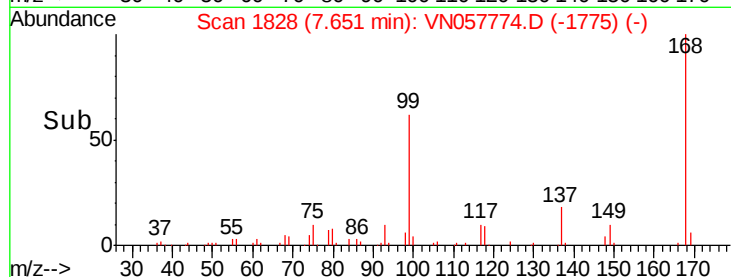
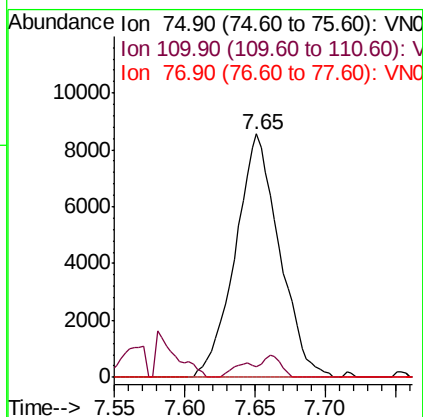
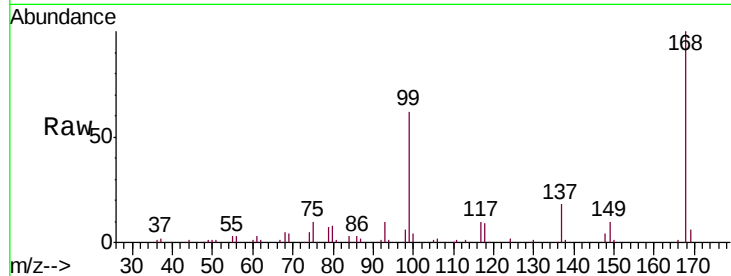




#36
 1,1-Dichloropropene
 Concen: 4.547 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057774.D
 Acq: 7 Sep 2019 23:55

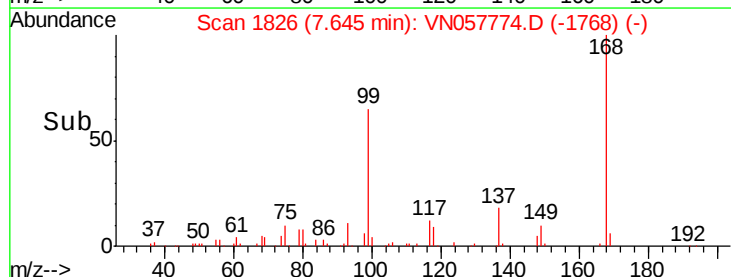
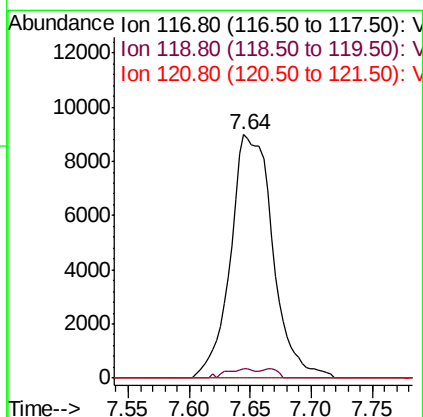
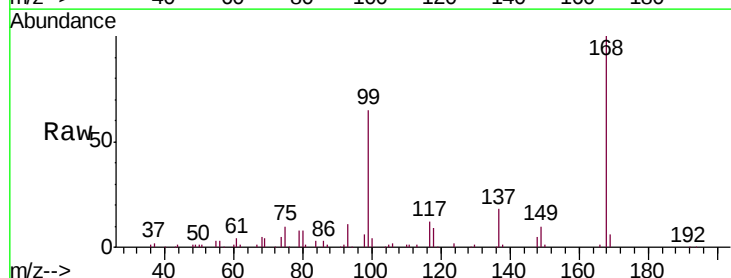
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL02

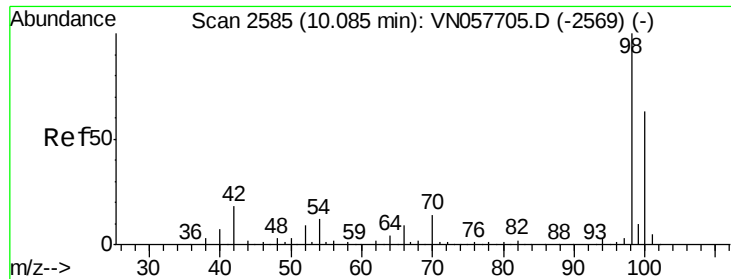
Tgt Ion: 75 Resp: 18685
 Ion Ratio Lower Upper
 75 100
 110 3.0 15.0 45.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.478 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN057774.D
 Acq: 7 Sep 2019 23:55

Tgt Ion: 117 Resp: 21555
 Ion Ratio Lower Upper
 117 100
 119 4.0 76.1 114.1#
 121 0.0 23.4 35.2#





#50

Toluene-d8

Concen: 50.258 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

Instrument :

MSVOA_N

ClientSampleId :

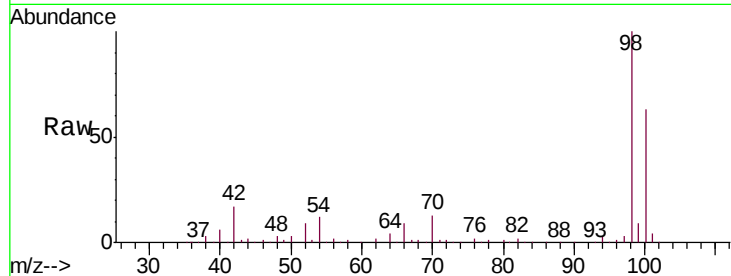
VN0907WBL02

Tgt Ion: 98 Resp: 523049

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

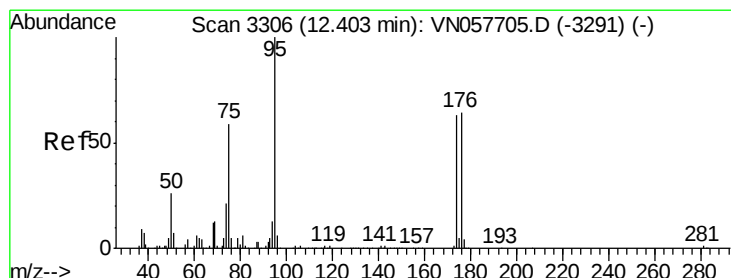
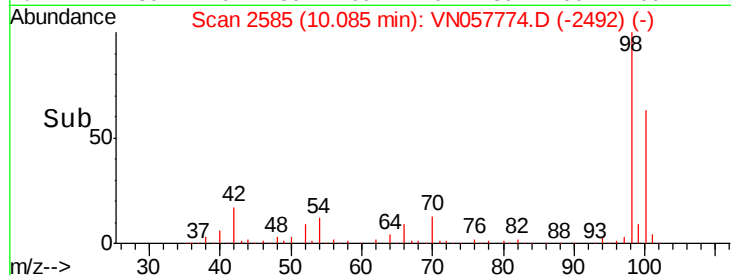
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.528 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

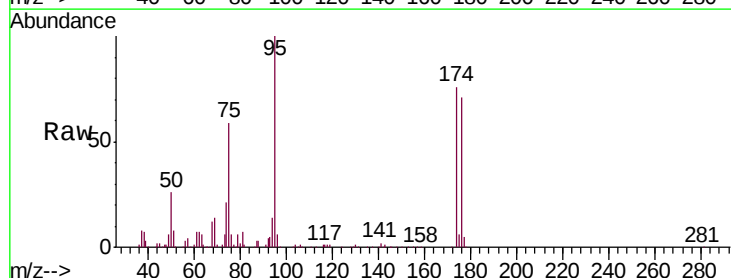
Tgt Ion: 95 Resp: 188161

Ion Ratio Lower Upper

95 100

174 75.7 0.0 128.0

176 70.2 0.0 128.0



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

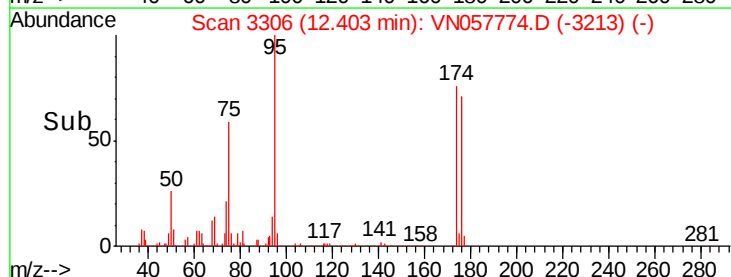
150000

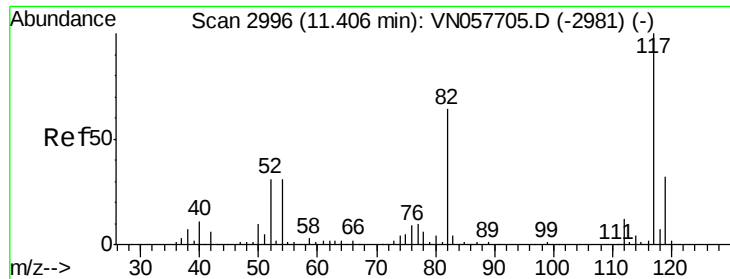
100000

50000

0

Time-->

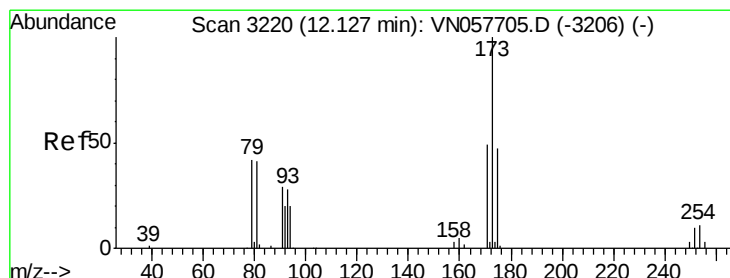
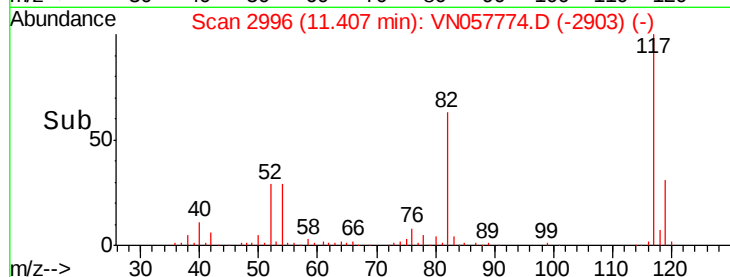
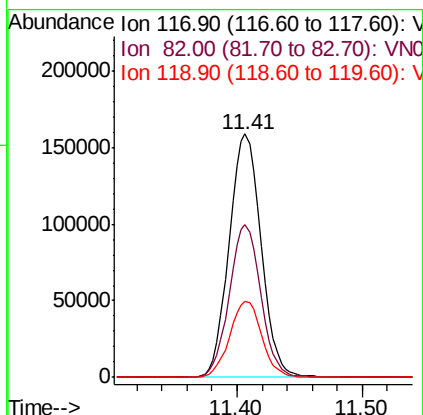
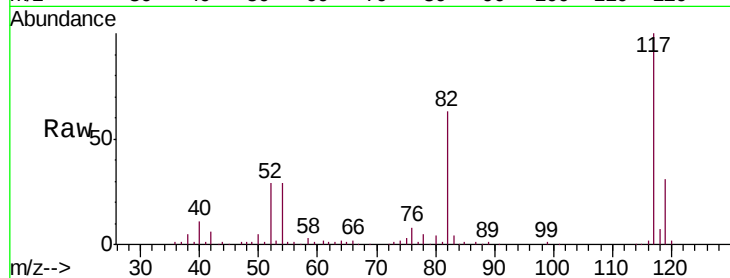




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

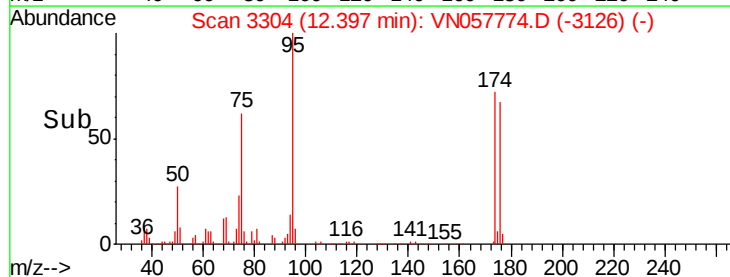
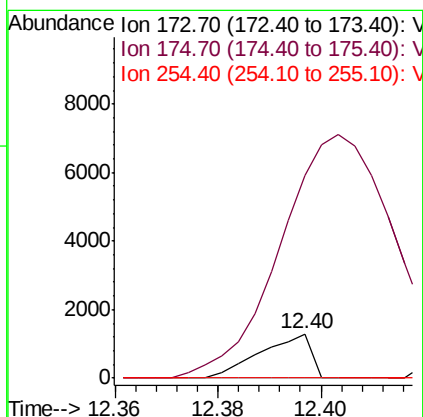
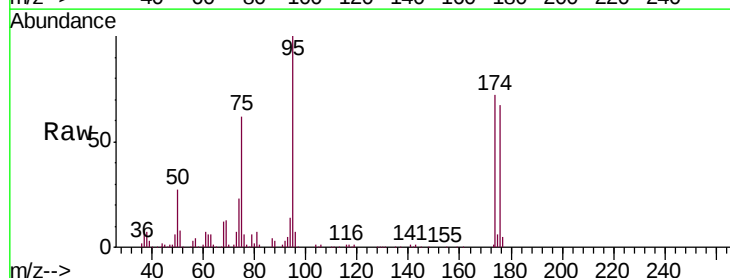
Instrument :
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VN0907WBL02

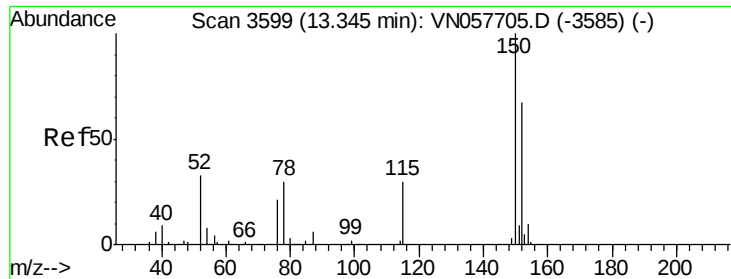
Tgt Ion:117 Resp: 281111
Ion Ratio Lower Upper
117 100
82 62.9 51.4 77.0
119 31.1 25.4 38.2



#71
Bromoform
Concen: 3.672 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

Tgt Ion:173 Resp: 876
Ion Ratio Lower Upper
173 100
175 1081.6 24.6 73.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

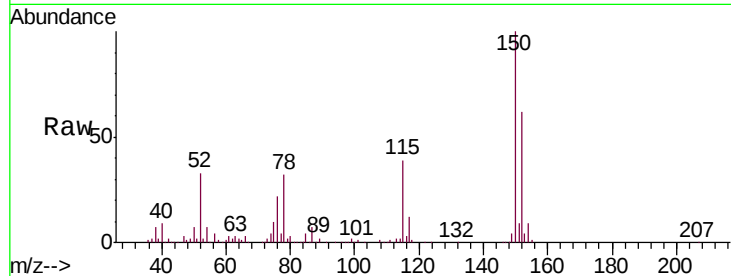
Tgt Ion: 152 Resp: 145498

Ion Ratio Lower Upper

152 100

115 62.7 33.8 101.3

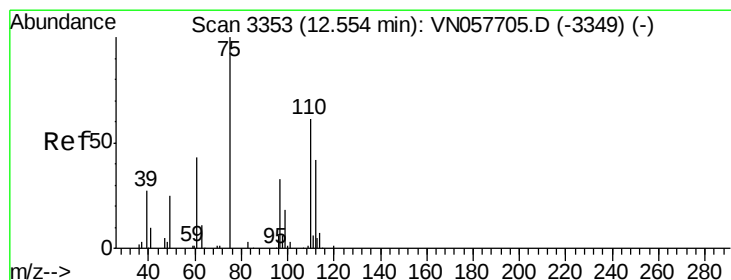
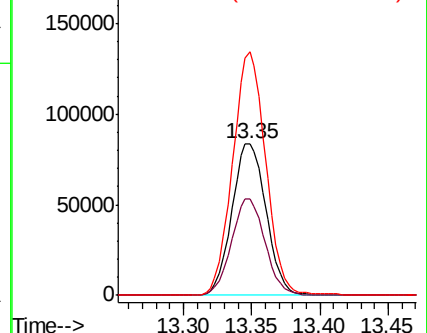
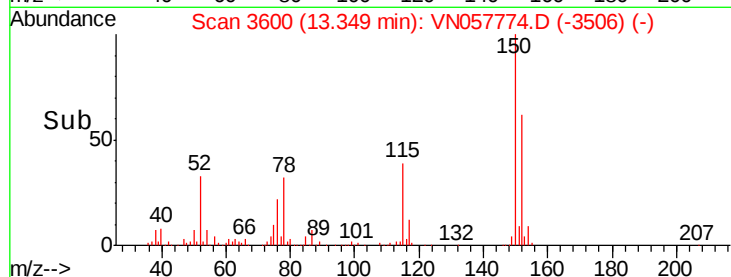
150 155.7 0.0 345.4



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: 34.018 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057774.D

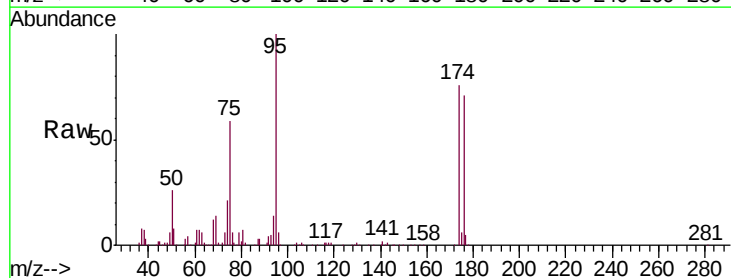
Acq: 7 Sep 2019 23:55

Tgt Ion: 75 Resp: 113661

Ion Ratio Lower Upper

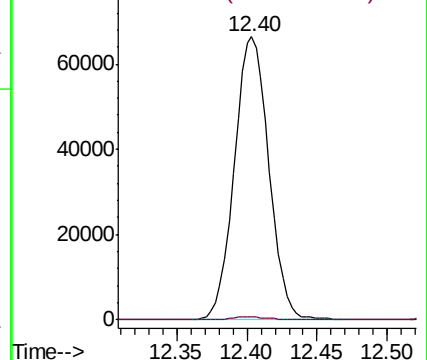
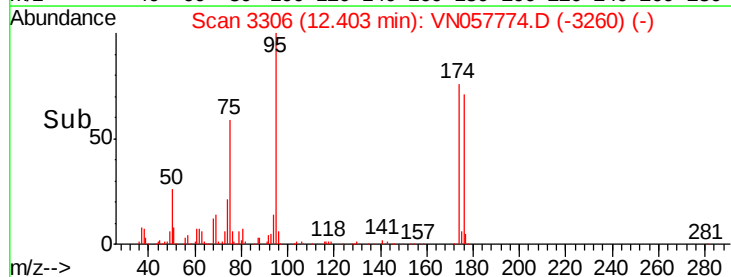
75 100

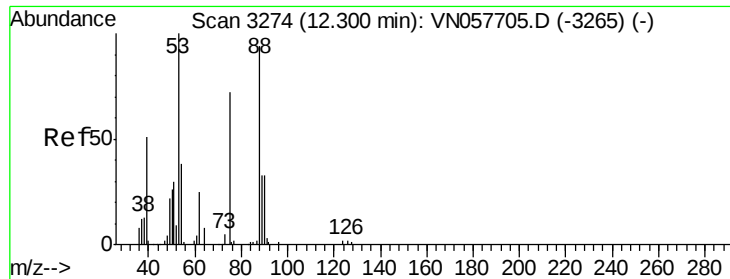
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

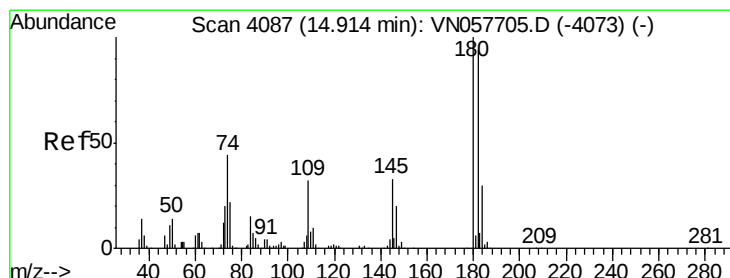
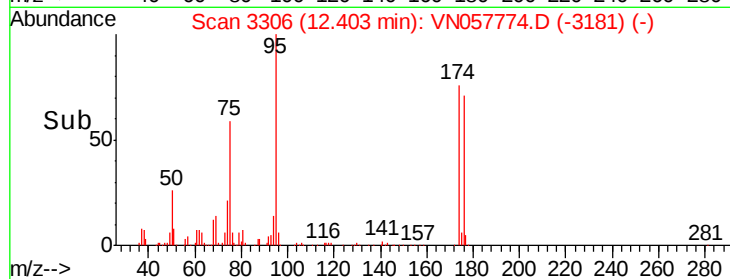
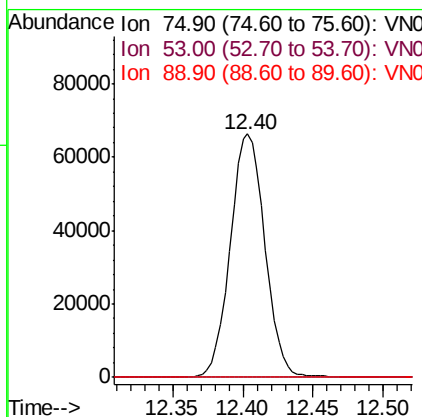
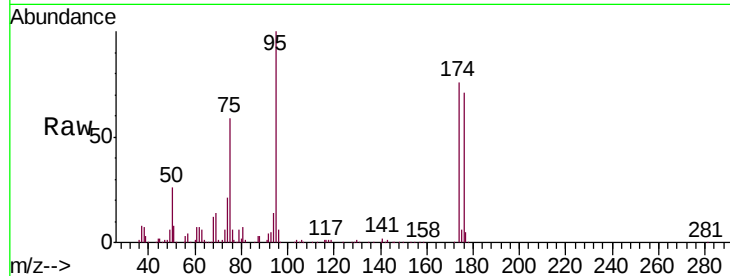




#81
trans-1,4-Dichloro-2-butene
Concen: 105.797 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

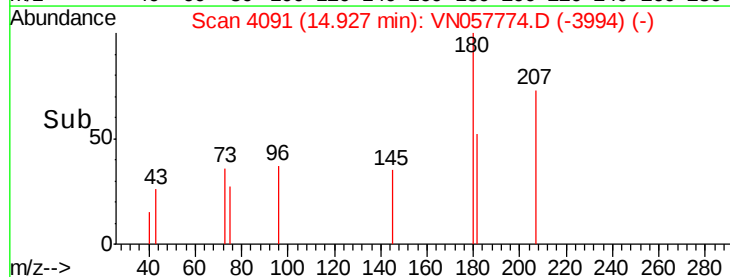
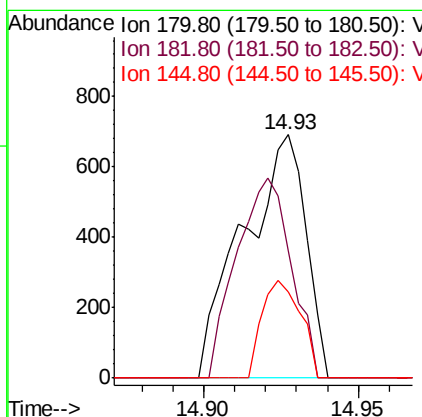
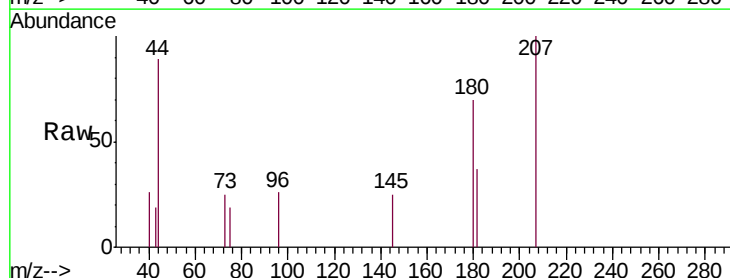
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

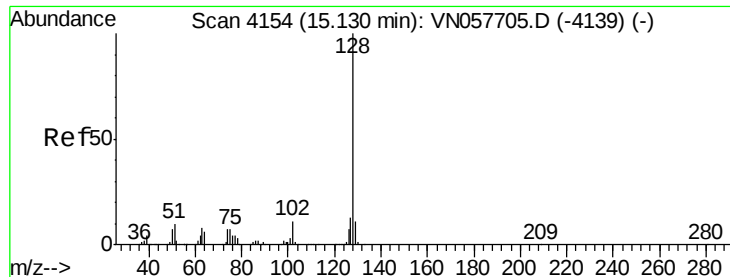
Tgt Ion: 75 Resp: 113661
Ion Ratio Lower Upper
75 100
53 0.0 107.0 160.6#
89 0.0 36.5 54.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.317 ug/l
RT: 14.93 min Scan# 4091
Delta R.T. 0.01 min
Lab File: VN057774.D
Acq: 7 Sep 2019 23:55

Tgt Ion: 180 Resp: 975
Ion Ratio Lower Upper
180 100
182 71.8 47.6 142.9
145 24.9 16.6 49.7





#95

Naphthalene

Concen: 0.368 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

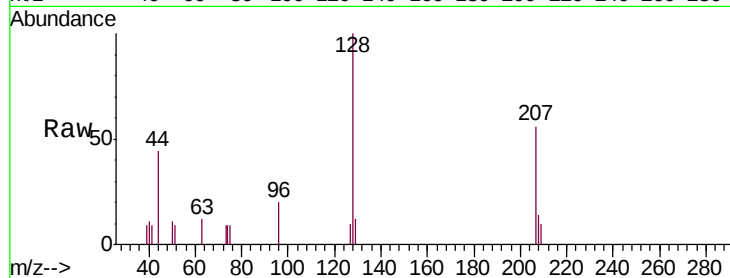
Tgt Ion:128 Resp: 3287

Ion Ratio Lower Upper

128 100

127 4.1 10.6 15.8#

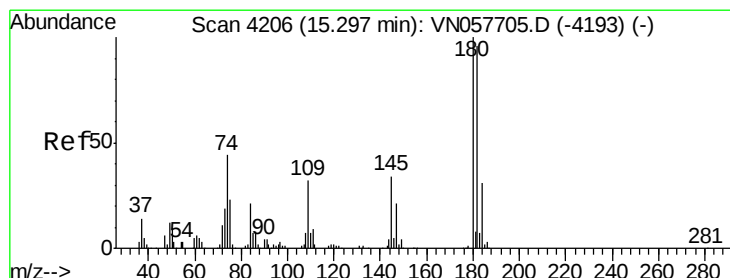
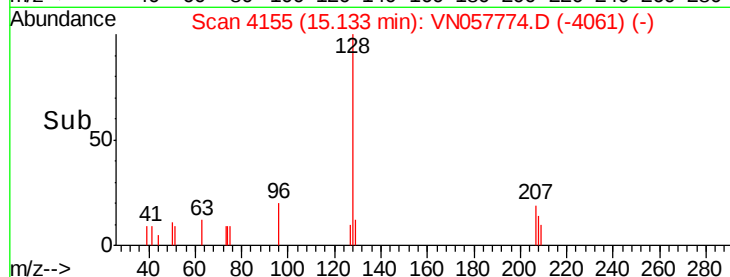
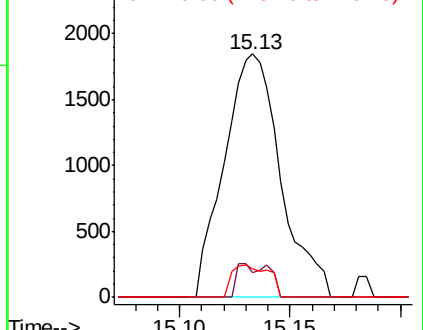
129 8.8 8.4 12.6



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: 0.368 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057774.D

Acq: 7 Sep 2019 23:55

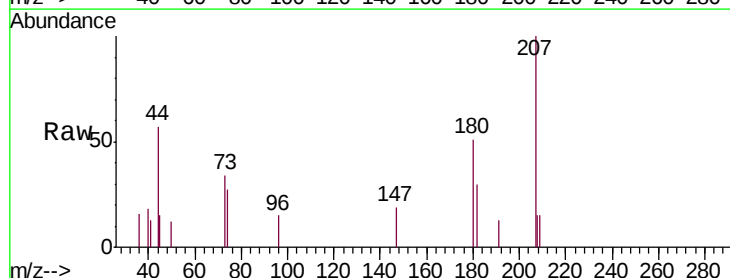
Tgt Ion:180 Resp: 1085

Ion Ratio Lower Upper

180 100

182 81.9 47.0 141.2

145 0.0 17.5 52.6#



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

