

Data File : VN057742.D
Acq On : 7 Sep 2019 11:04
Operator : JC/SP
Sample : VN0907WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL01

Quant Time: Sep 08 06:30:26 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	210009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	157071	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	241982	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	7.57	113	149255	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.09	98	556175	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	202476	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	

Target Compounds

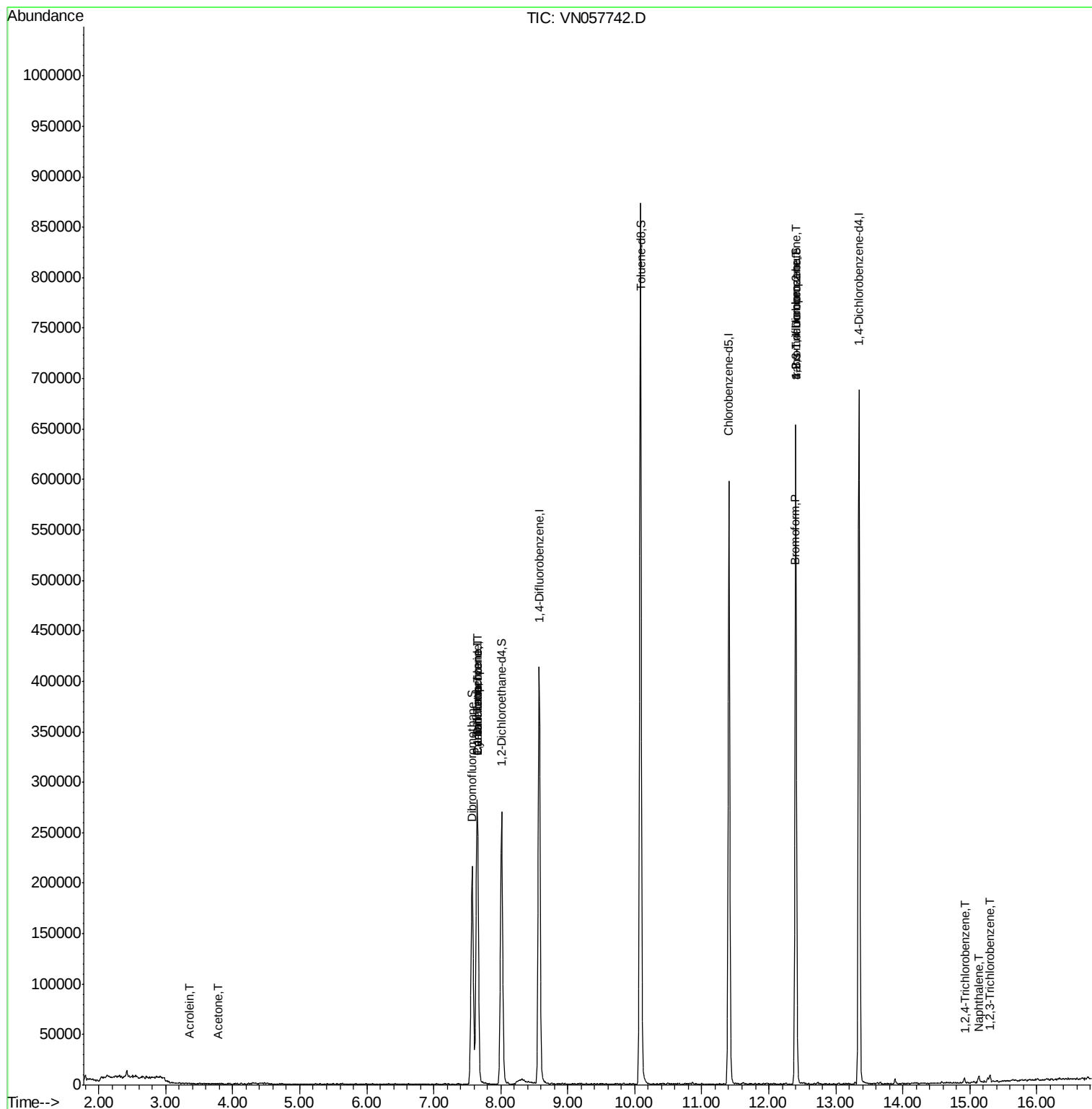
						Qvalue
3) Chloromethane	2.04	50	656	Below Cal	#	42
13) Acrolein	3.36	56	70	0.254	ug/l #	15
16) Acetone	3.79	43	410	0.261	ug/l #	50
31) Cyclohexane	7.65	56	6540	1.141	ug/l #	27
36) 1,1-Dichloropropene	7.64	75	19501	4.437	ug/l #	50
38) Carbon Tetrachloride	7.65	117	23610	5.611	ug/l #	15
71) Bromoform	12.38	173	153	3.313	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	120924	33.525	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	120924	104.264	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.92	180	1892	0.570	ug/l	77
95) Naphthalene	15.14	128	5411	0.561	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.30	180	1944	0.611	ug/l	87

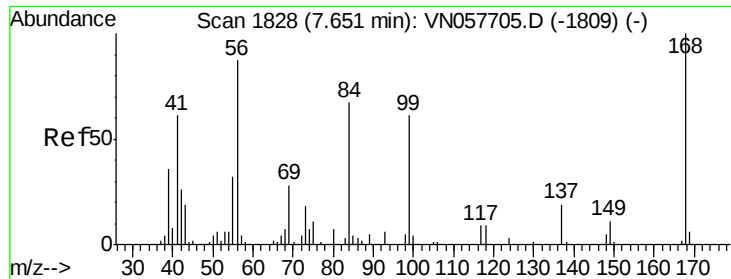
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057742.D

Acq: 7 Sep 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

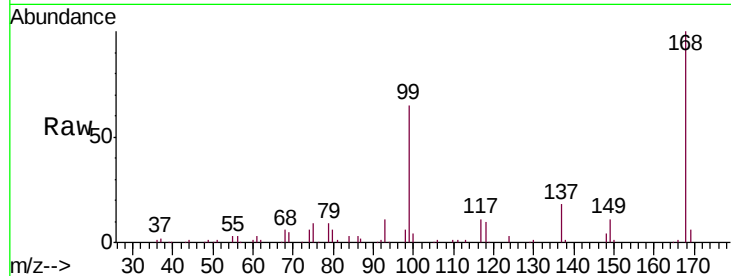
VN0907WBL01

Tgt Ion: 168 Resp: 210009

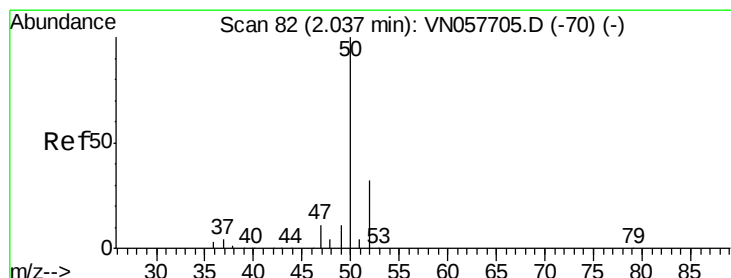
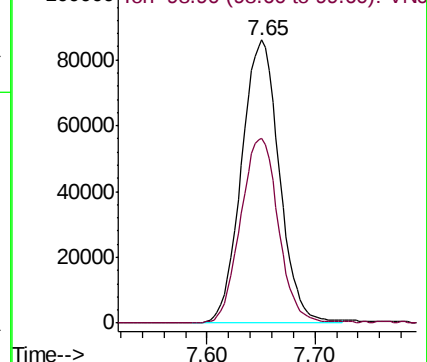
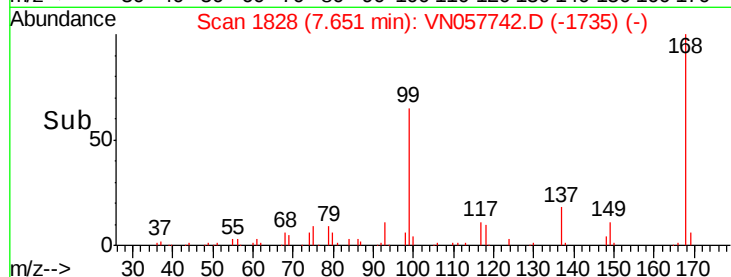
Ion Ratio Lower Upper

168 100

99 65.1 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): VN057742.D (-1735) (-)



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN057742.D

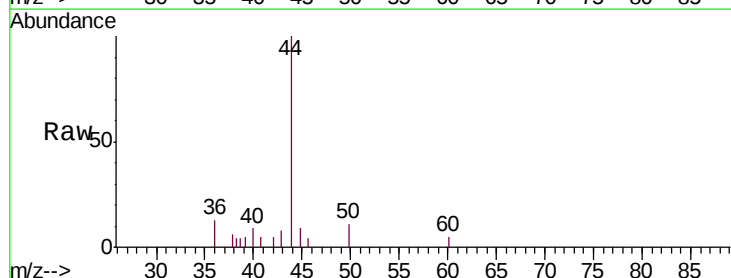
Acq: 7 Sep 2019 11:04

Tgt Ion: 50 Resp: 656

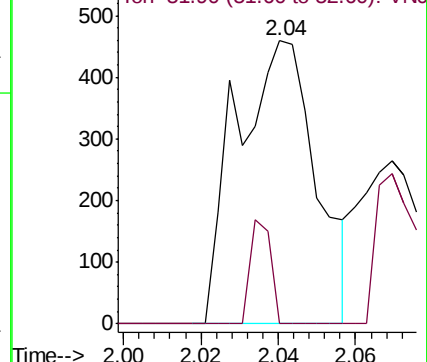
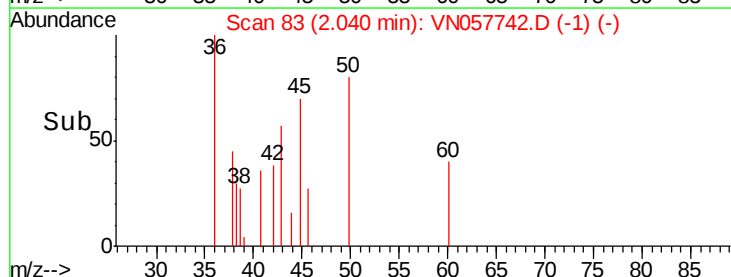
Ion Ratio Lower Upper

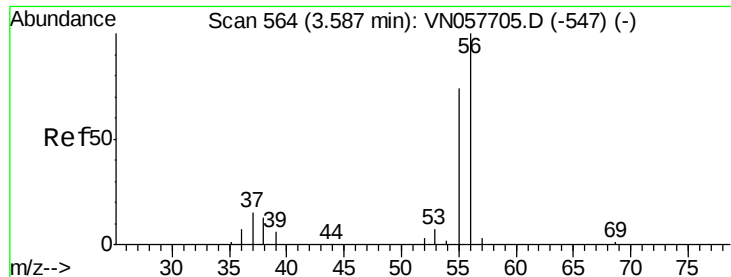
50 100

52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN057742.D (-1) (-)





#13

Acrolein

Concen: 0.254 ug/l

RT: 3.36 min Scan# 492

Delta R.T. -0.23 min

Lab File: VN057742.D

Acq: 7 Sep 2019 11:04

Instrument :

MSVOA_N

ClientSampled :

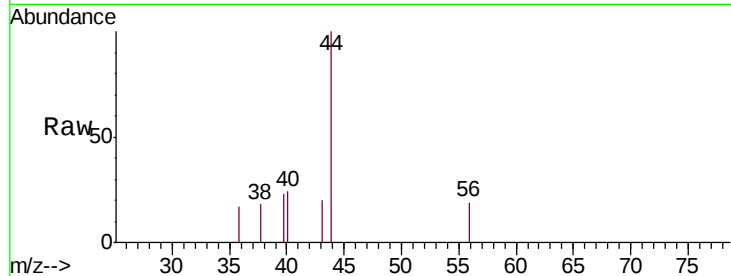
VN0907WBL01

Tgt Ion: 56 Resp: 70

Ion Ratio Lower Upper

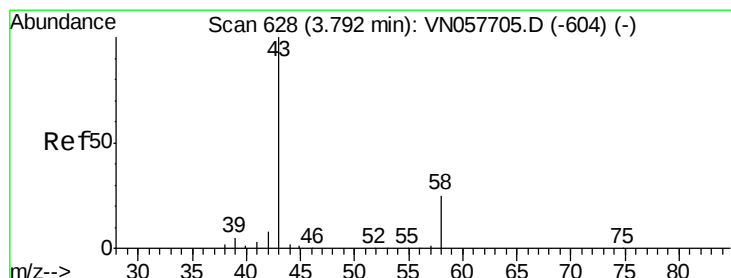
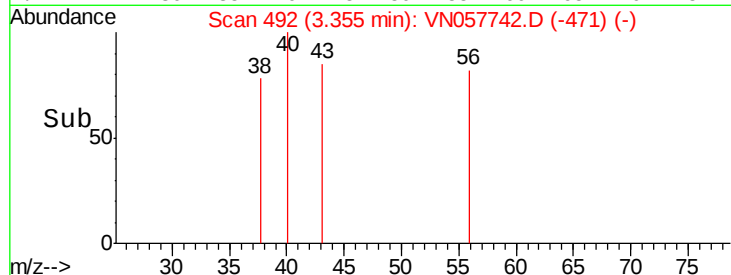
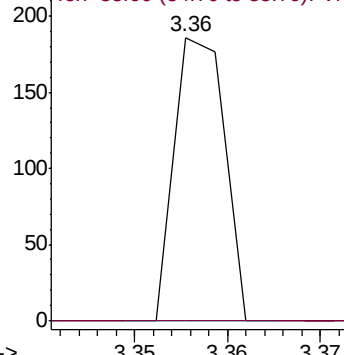
56 100

55 0.0 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 0.261 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN057742.D

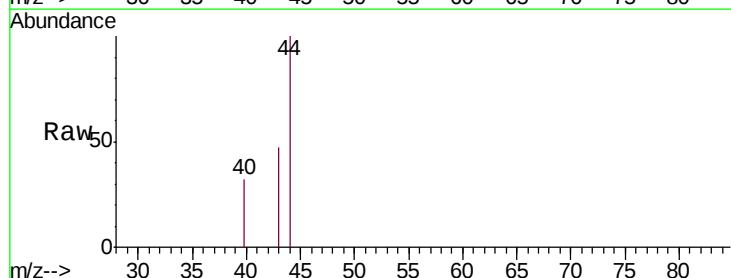
Acq: 7 Sep 2019 11:04

Tgt Ion: 43 Resp: 410

Ion Ratio Lower Upper

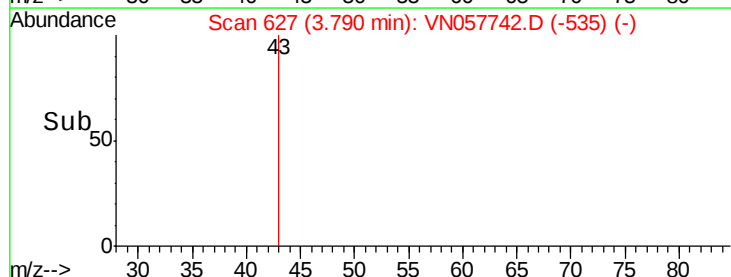
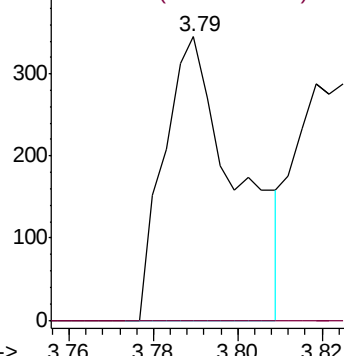
43 100

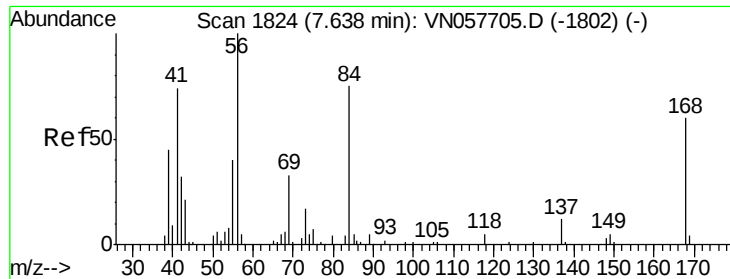
58 0.0 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

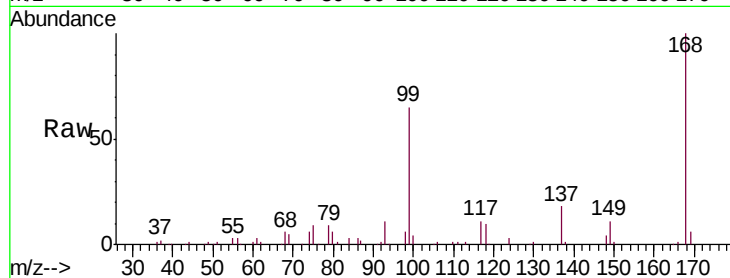




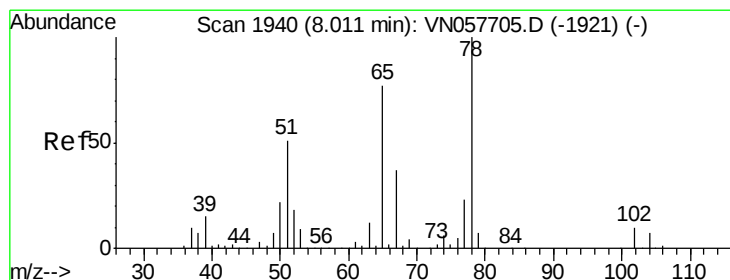
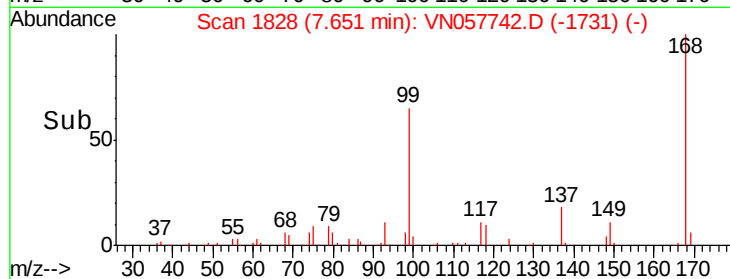
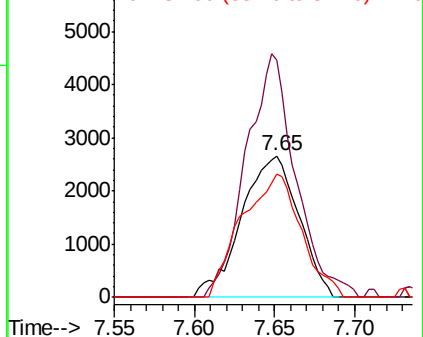
#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN057742.D
Acq: 7 Sep 2019 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL01

Tgt Ion: 56 Resp: 6540
Ion Ratio Lower Upper
56 100
69 156.8 26.2 39.2#
84 81.5 59.8 89.8

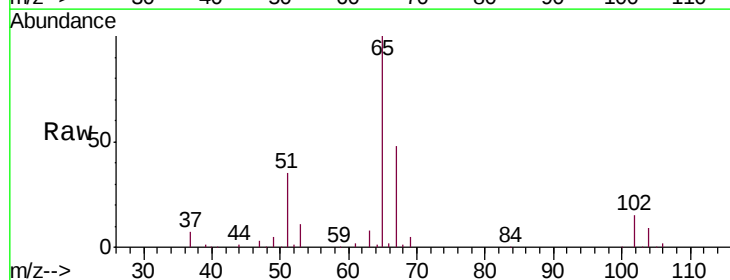


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

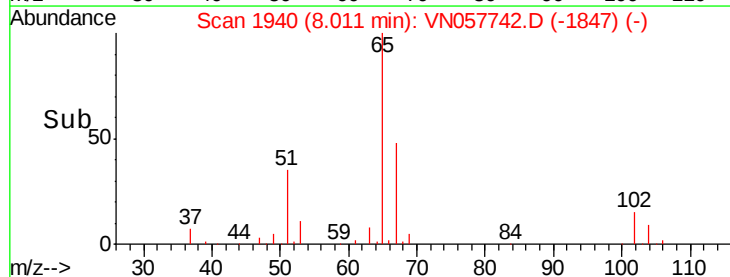
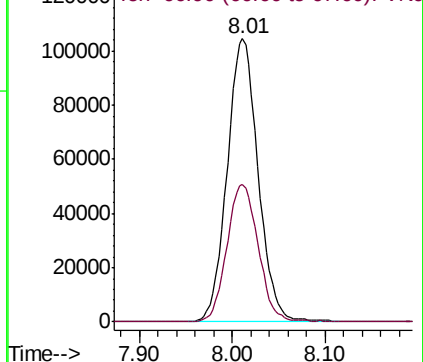


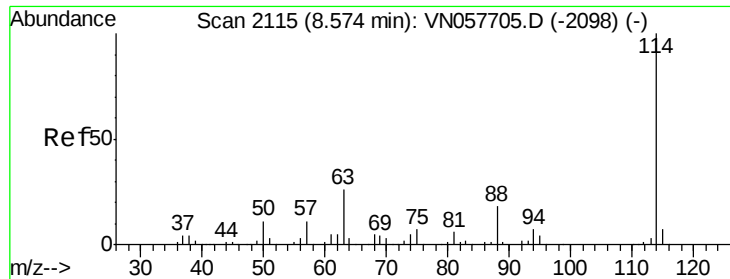
#33
1,2-Dichloroethane-d4
Concen: 47.365 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN057742.D
Acq: 7 Sep 2019 11:04

Tgt Ion: 65 Resp: 241982
Ion Ratio Lower Upper
65 100
67 48.9 0.0 98.2



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

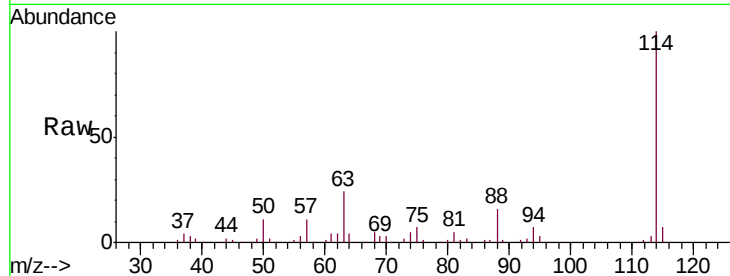




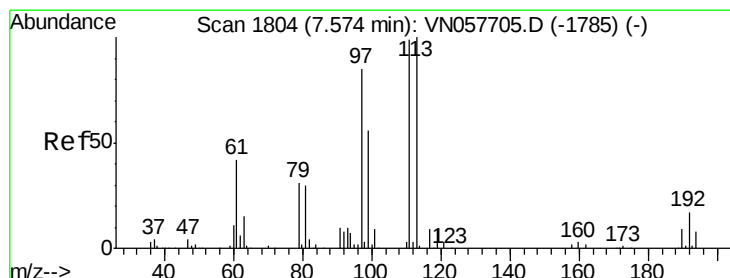
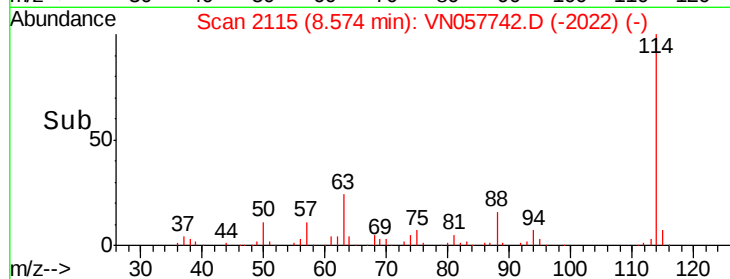
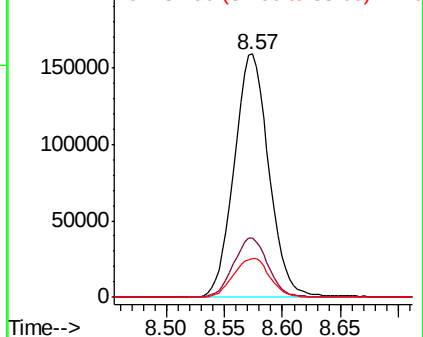
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN057742.D
Acq: 7 Sep 2019 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL01

Tgt Ion:114 Resp: 330354
Ion Ratio Lower Upper
114 100
63 24.1 0.0 52.4
88 16.1 0.0 35.4

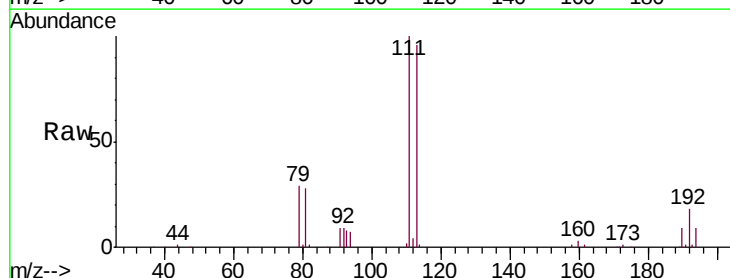


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

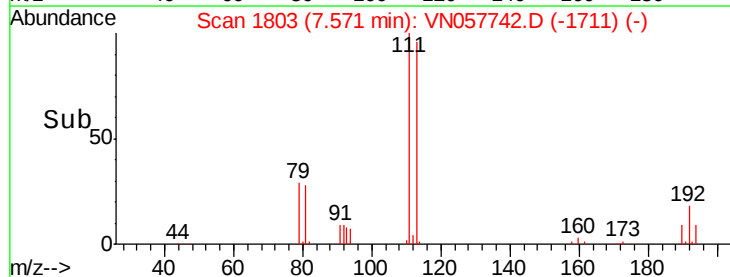
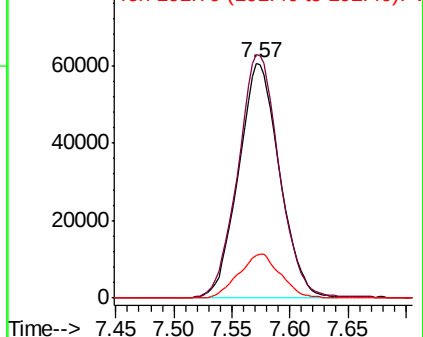


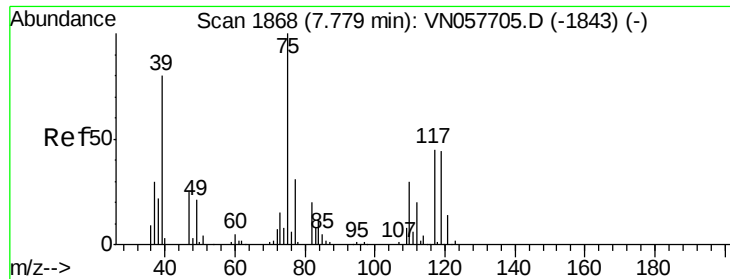
#35
Dibromofluoromethane
Concen: 49.602 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN057742.D
Acq: 7 Sep 2019 11:04

Tgt Ion:113 Resp: 149255
Ion Ratio Lower Upper
113 100
111 104.6 82.7 124.1
192 19.0 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

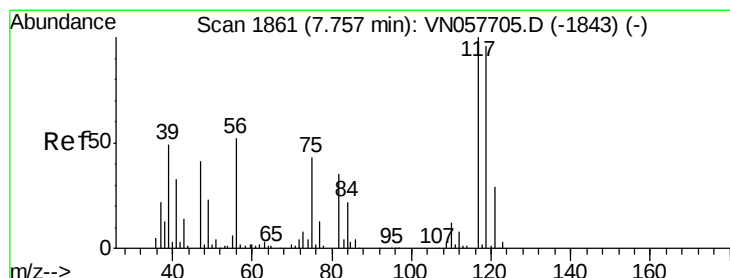
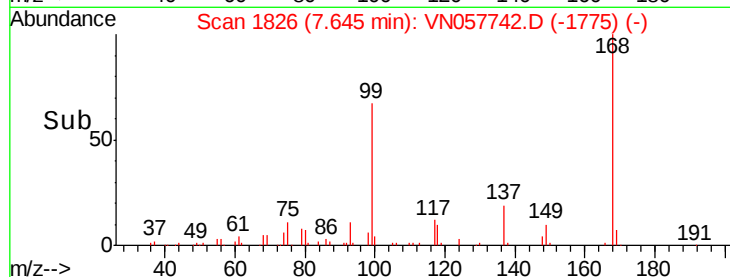
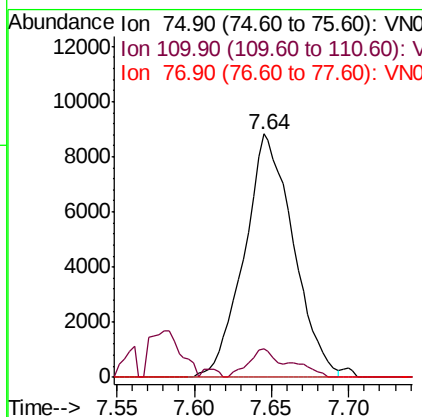
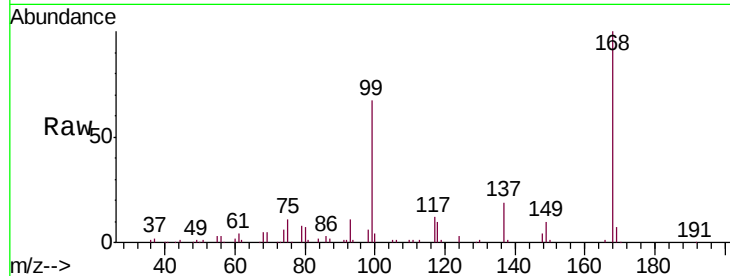




#36
 1,1-Dichloropropene
 Concen: 4.437 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN057742.D
 Acq: 7 Sep 2019 11:04

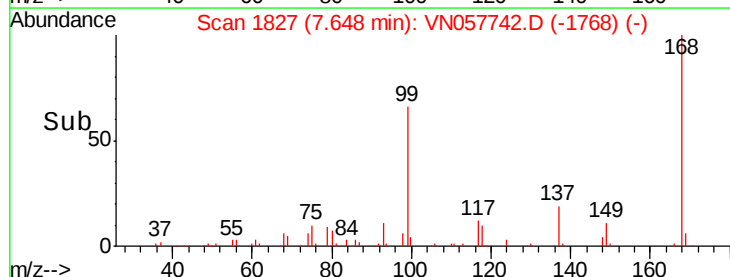
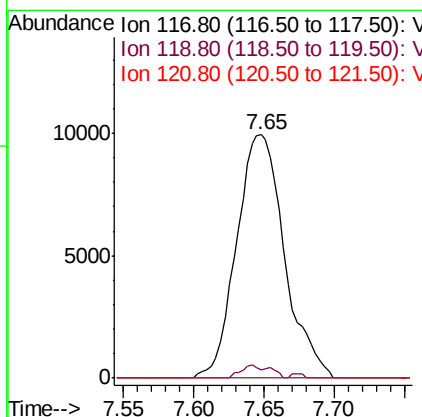
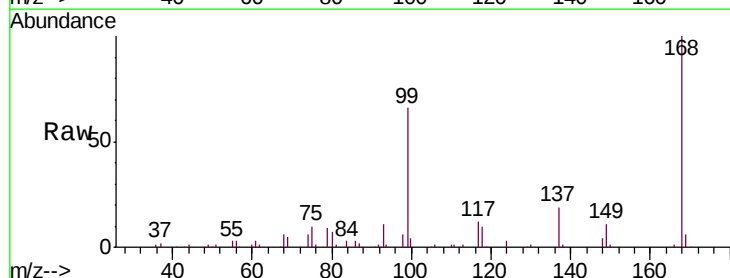
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL01

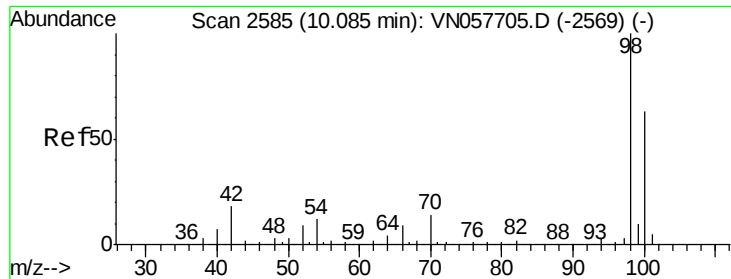
Tgt Ion: 75 Resp: 19501
 Ion Ratio Lower Upper
 75 100
 110 6.7 15.0 45.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.611 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057742.D
 Acq: 7 Sep 2019 11:04

Tgt Ion: 117 Resp: 23610
 Ion Ratio Lower Upper
 117 100
 119 3.4 76.1 114.1#
 121 0.0 23.4 35.2#





#50

Toluene-d8

Concen: 49.966 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057742.D

Acq: 7 Sep 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

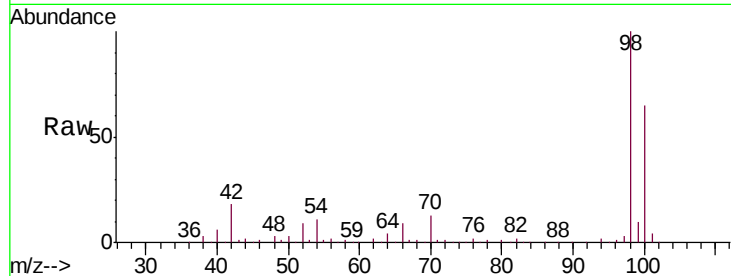
VN0907WBL01

Tgt Ion: 98 Resp: 556175

Ion Ratio Lower Upper

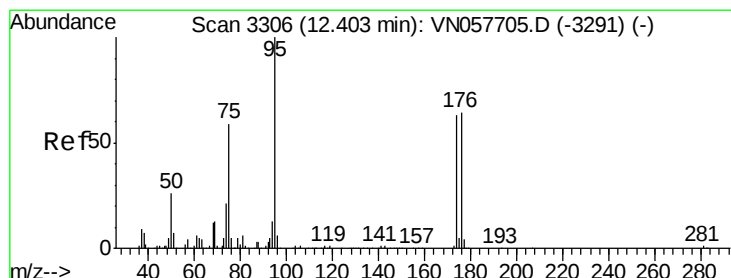
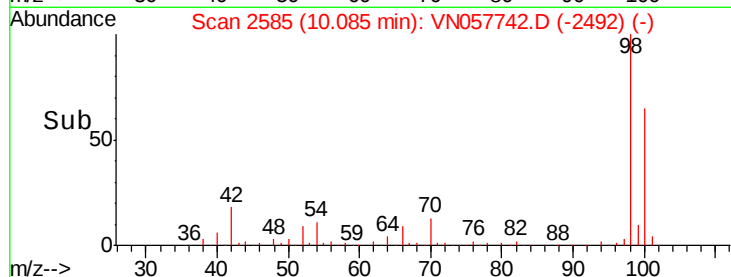
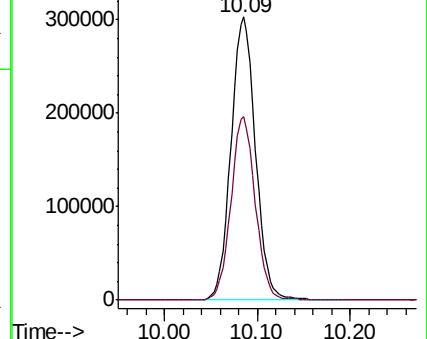
98 100

100 64.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 43.794 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057742.D

Acq: 7 Sep 2019 11:04

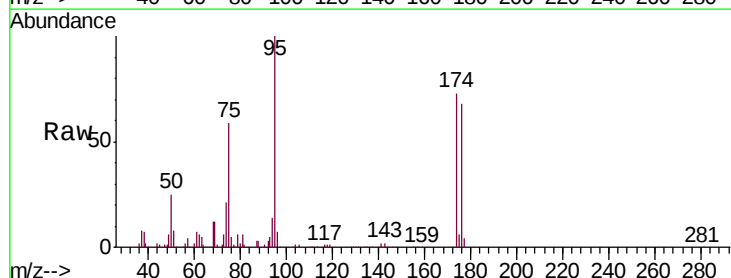
Tgt Ion: 95 Resp: 202476

Ion Ratio Lower Upper

95 100

174 75.2 0.0 128.0

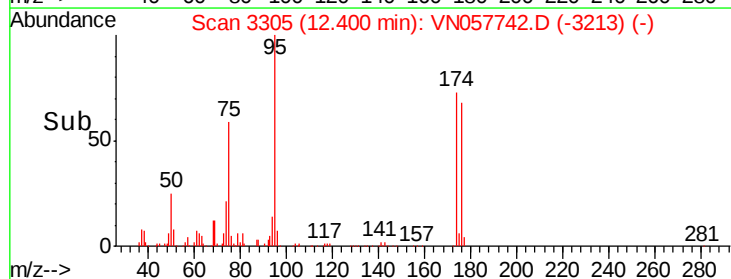
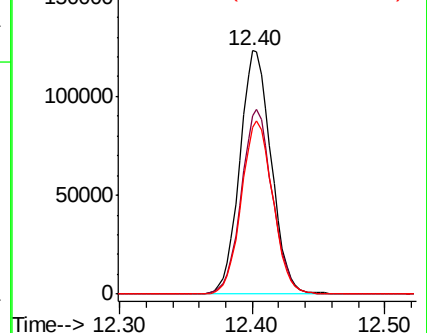
176 71.5 0.0 128.0

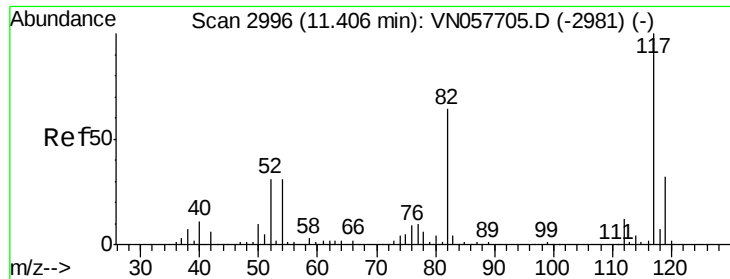


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

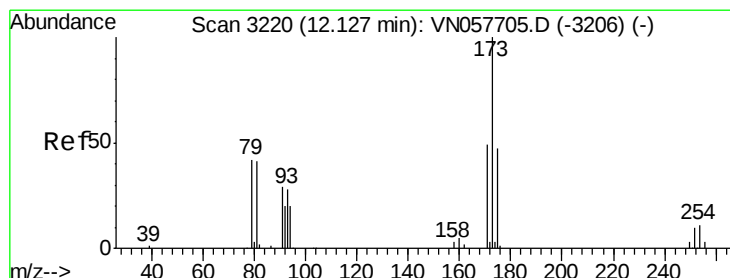
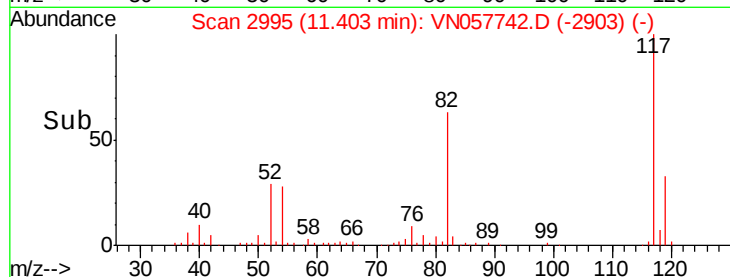
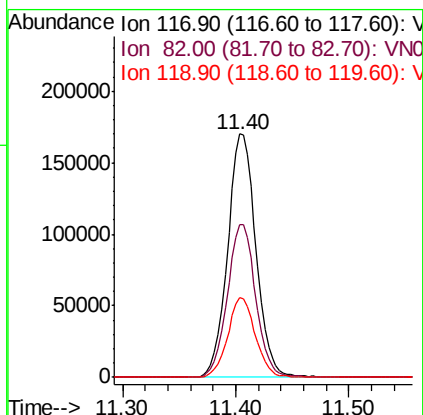
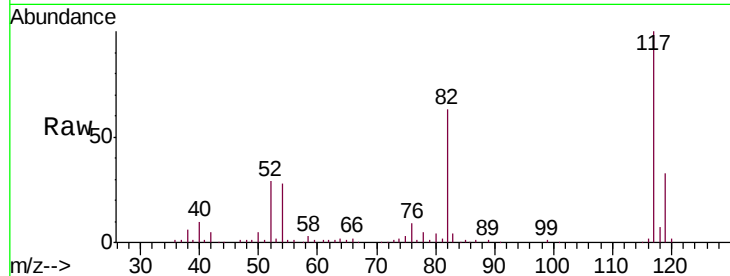




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057742.D
Acq: 7 Sep 2019 11:04

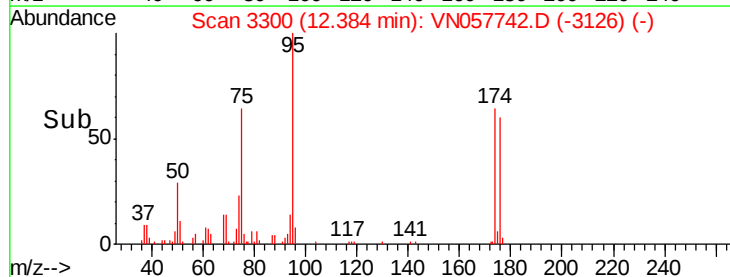
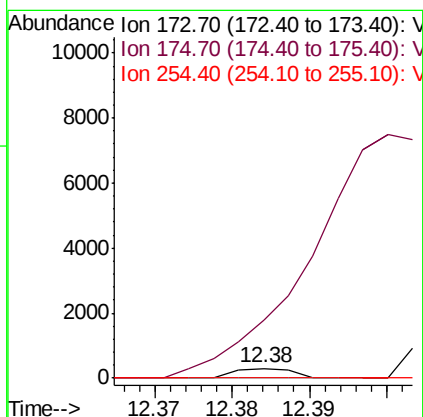
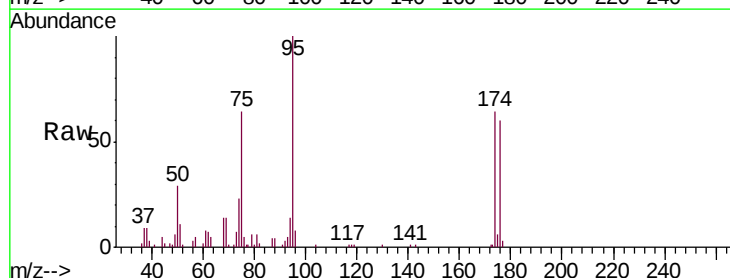
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL01

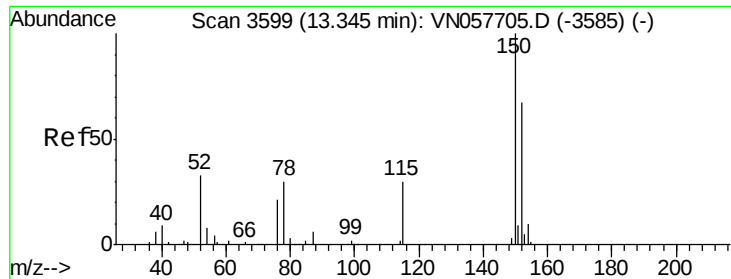
Tgt Ion:117 Resp: 295655
Ion Ratio Lower Upper
117 100
82 62.5 51.4 77.0
119 32.5 25.4 38.2



#71
Bromoform
Concen: 3.313 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN057742.D
Acq: 7 Sep 2019 11:04

Tgt Ion:173 Resp: 153
Ion Ratio Lower Upper
173 100
175 0.0 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# 3599

Delta R.T. 0.00 min

Lab File: VN057742.D

Acq: 7 Sep 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL01

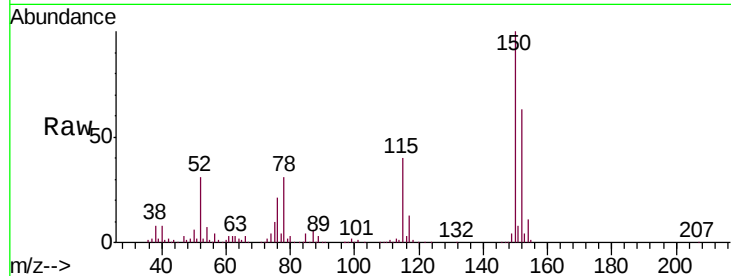
Tgt Ion:152 Resp: 157071

Ion Ratio Lower Upper

152 100

115 63.7 33.8 101.3

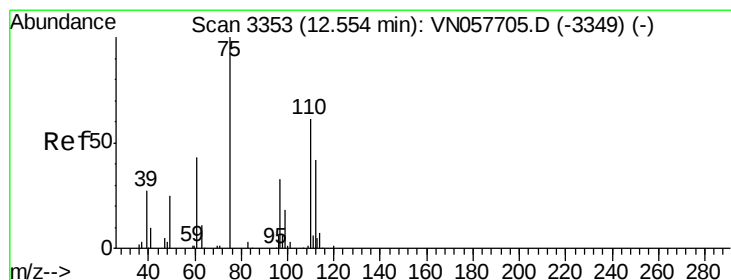
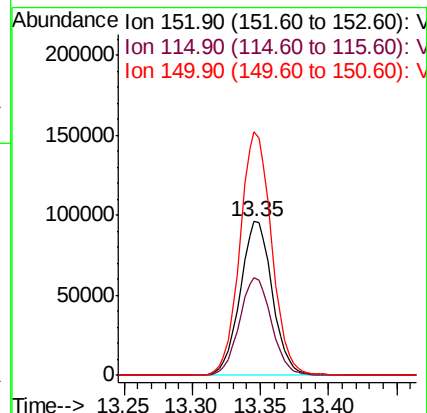
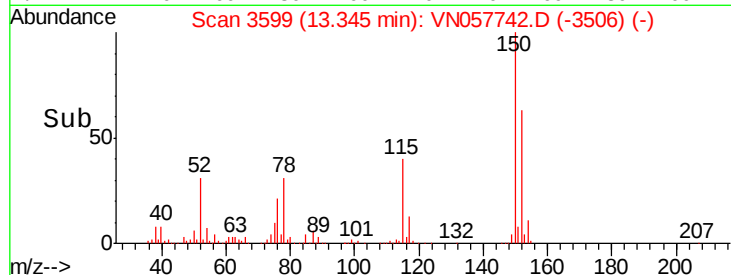
150 156.2 0.0 345.4



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: 33.525 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057742.D

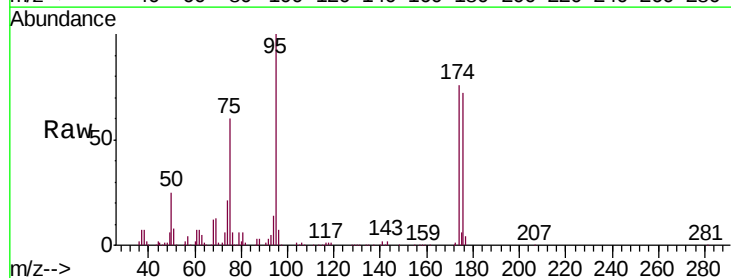
Acq: 7 Sep 2019 11:04

Tgt Ion: 75 Resp: 120924

Ion Ratio Lower Upper

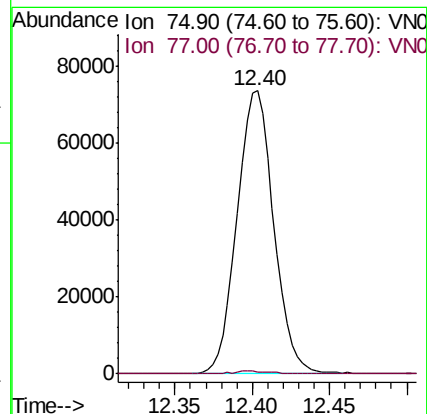
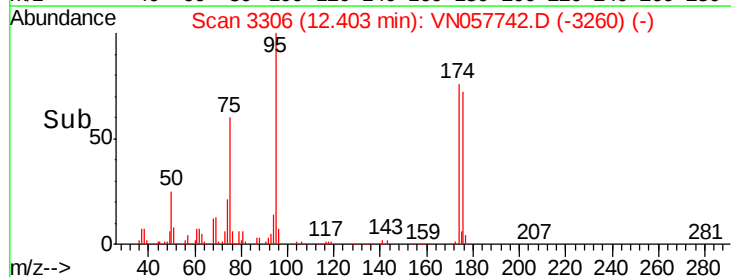
75 100

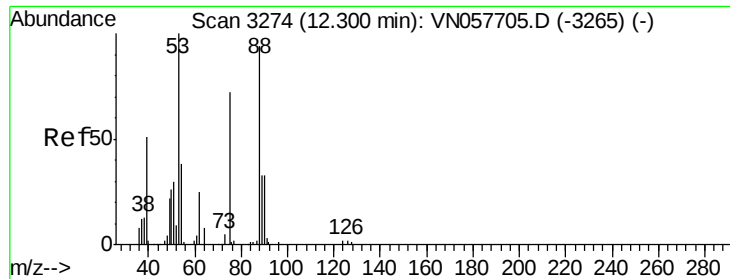
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

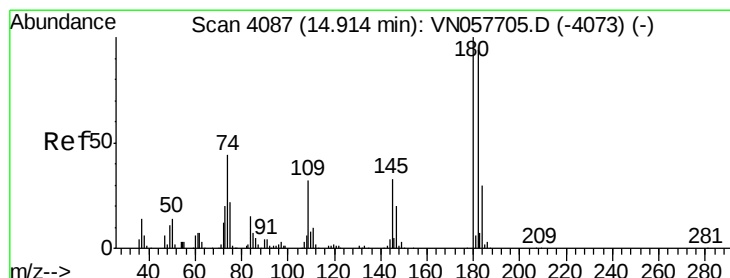
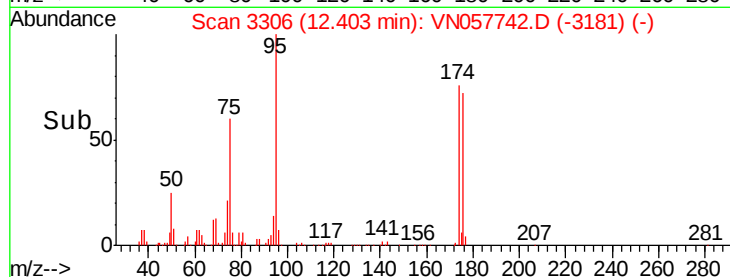
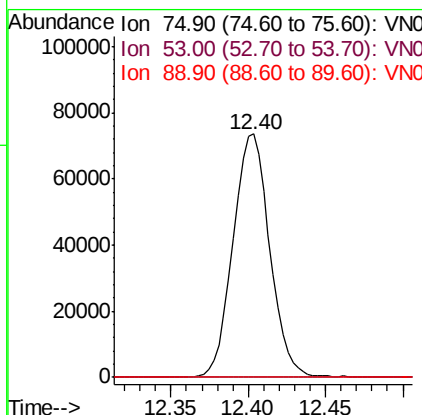
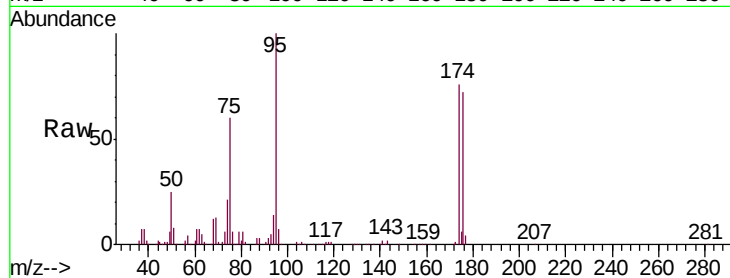




#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.264 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057742.D
 Acq: 7 Sep 2019 11:04

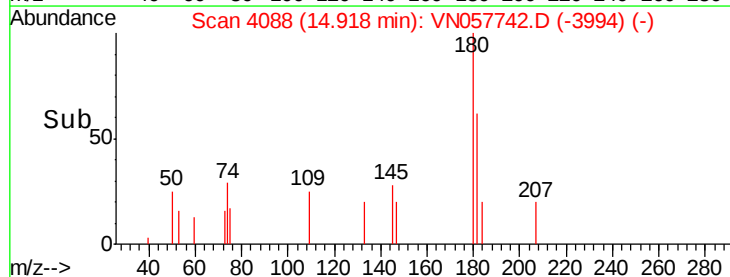
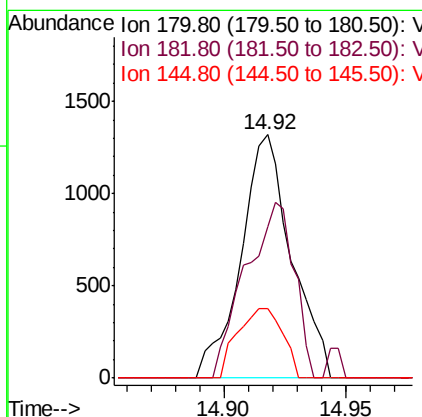
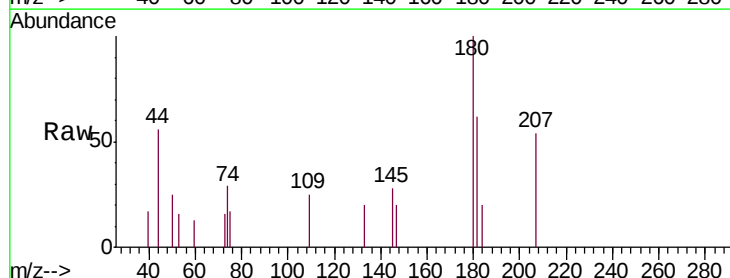
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL01

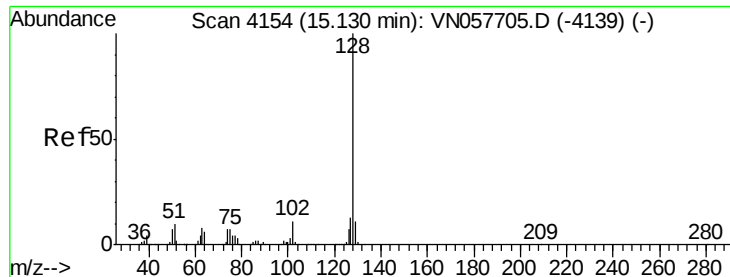
Tgt Ion: 75 Resp: 120924
 Ion Ratio Lower Upper
 75 100
 53 0.0 107.0 160.6#
 89 0.0 36.5 54.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.570 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057742.D
 Acq: 7 Sep 2019 11:04

Tgt Ion: 180 Resp: 1892
 Ion Ratio Lower Upper
 180 100
 182 69.8 47.6 142.9
 145 25.4 16.6 49.7





#95

Naphthalene

Concen: 0.561 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN057742.D

Acq: 7 Sep 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL01

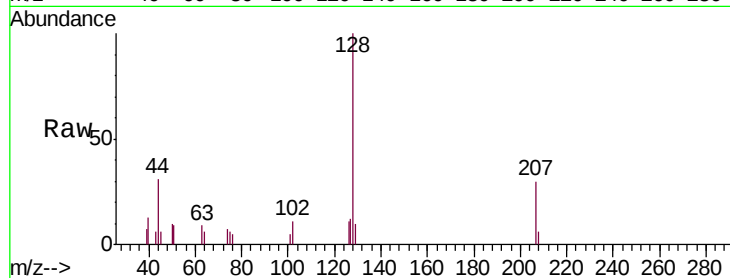
Tgt Ion:128 Resp: 5411

Ion Ratio Lower Upper

128 100

127 9.7 10.6 15.8#

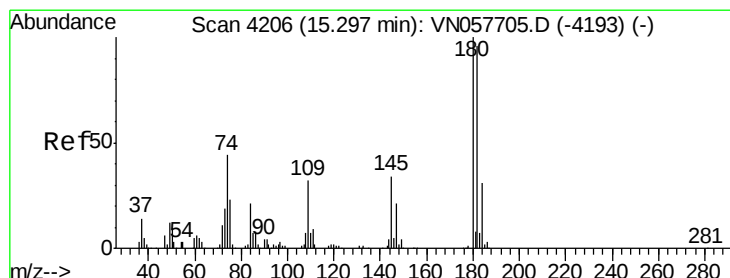
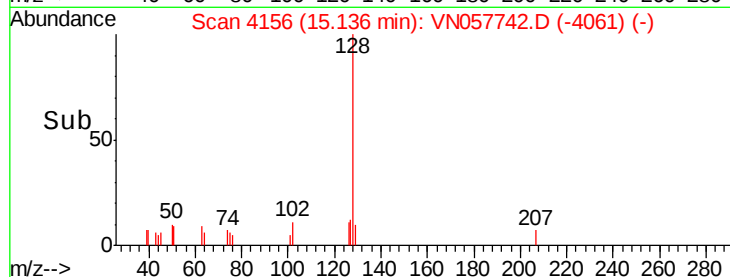
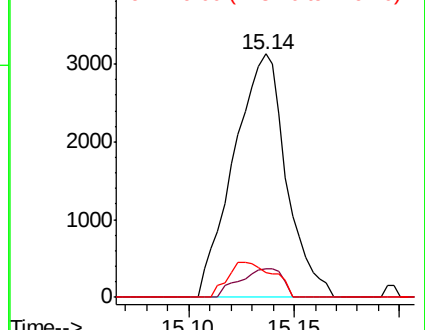
129 12.5 8.4 12.6



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: 0.611 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057742.D

Acq: 7 Sep 2019 11:04

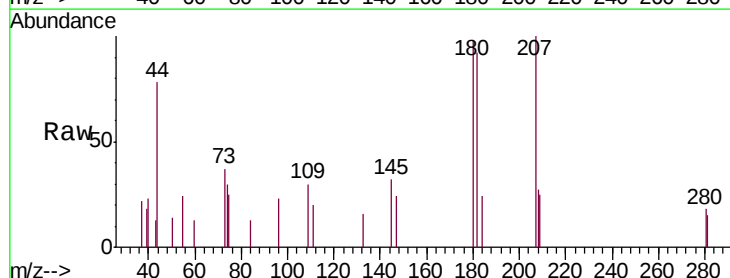
Tgt Ion:180 Resp: 1944

Ion Ratio Lower Upper

180 100

182 84.1 47.0 141.2

145 23.1 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

