

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058773.D
 Acq On : 15 Oct 2019 11:45
 Operator : JC/SP
 Sample : VN1015WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBL01

Quant Time: Oct 16 04:13:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	390326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	617513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	210669	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	279878	51.22	ug/l	0.00
Spiked Amount						
			Recovery	=	102.44%	
35) Dibromofluoromethane	7.57	113	199907	52.41	ug/l	0.00
Spiked Amount						
			Recovery	=	104.82%	
50) Toluene-d8	10.09	98	758675	49.74	ug/l	0.00
Spiked Amount						
			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	246812	42.75	ug/l	0.00
Spiked Amount						
			Recovery	=	85.50%	

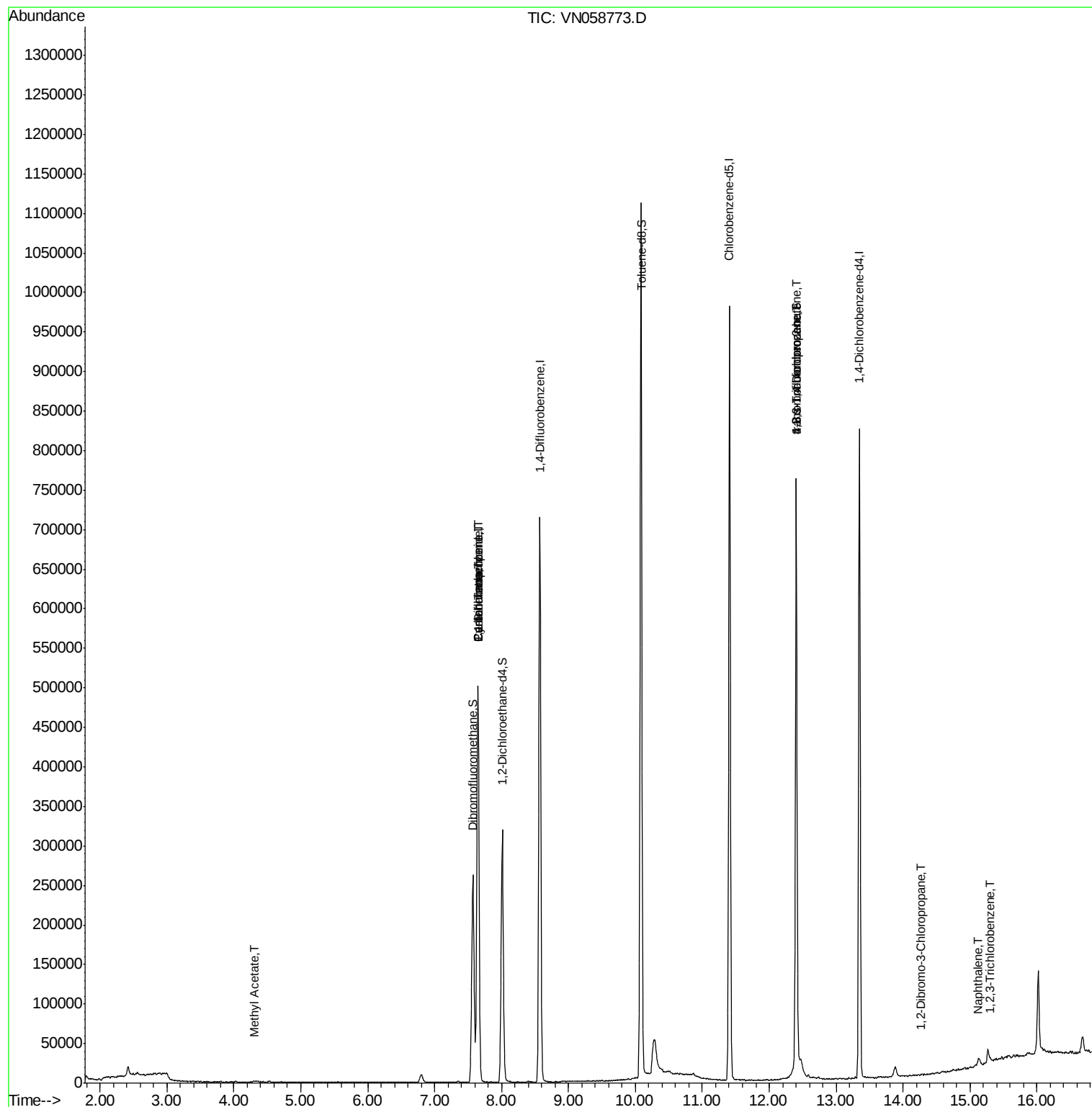
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.31	43	2477	0.432	ug/l #	54
31) Cyclohexane	7.65	56	9321	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	32954	5.278	ug/l #	51
38) Carbon Tetrachloride	7.65	117	38178	6.274	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	132858	28.747	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	132858	77.005	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.28	75	288	0.245	ug/l #	5
95) Naphthalene	15.14	128	3062	0.262	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.30	180	1063	0.268	ug/l	87

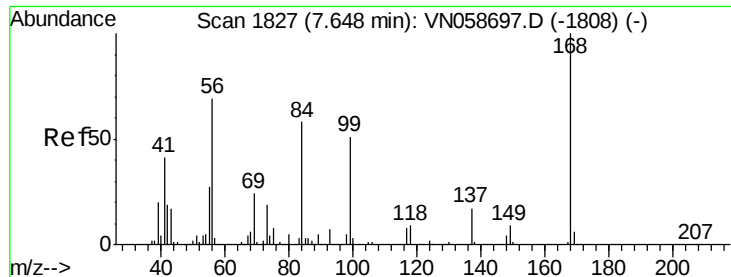
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101519\
Data File : VN058773.D
Acq On : 15 Oct 2019 11:45
Operator : JC/SP
Sample : VN1015WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBL01

Quant Time: Oct 16 04:13:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 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: VN058773.D

Acq: 15 Oct 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

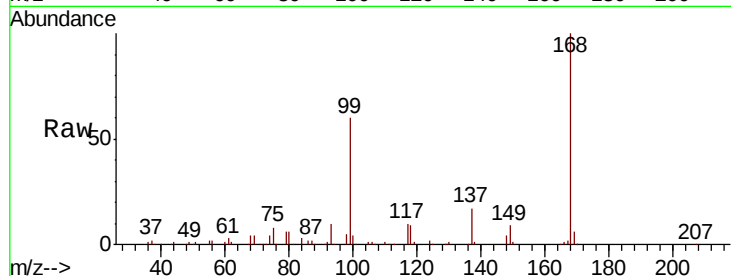
VN1015WBL01

Tot Ion:168 Resp: 390326

Ion Ratio Lower Upper

168 100

99 60.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058697.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058697.D (-1808) (-)

7.65

150000

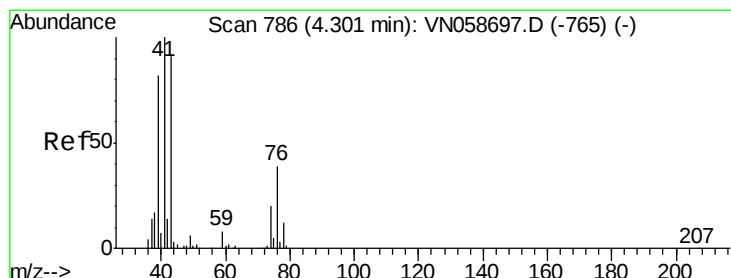
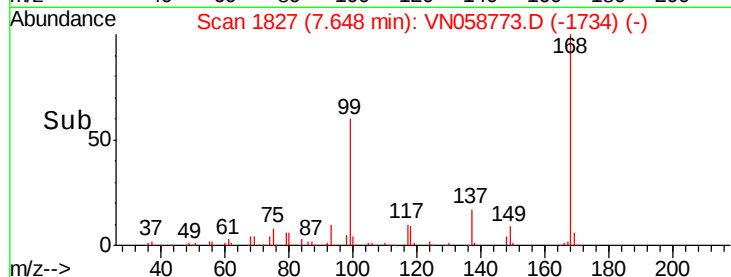
100000

50000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 0.432 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN058773.D

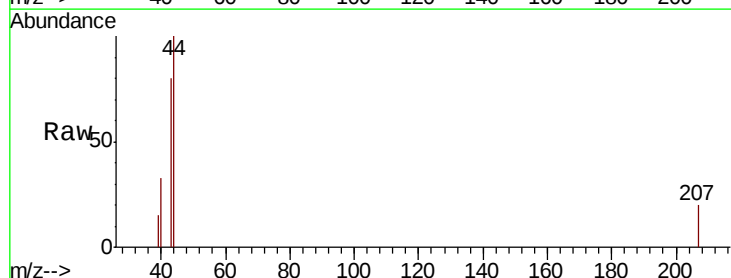
Acq: 15 Oct 2019 11:45

Tgt Ion: 43 Resp: 2477

Ion Ratio Lower Upper

43 100

74 0.0 17.2 25.8#



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-765) (-)

Ion 74.00 (73.70 to 74.70): VN058697.D (-765) (-)

4.31

800

600

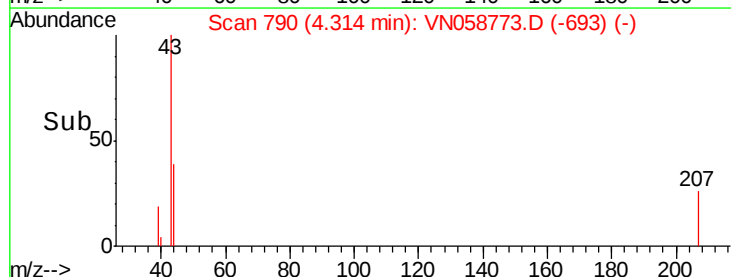
400

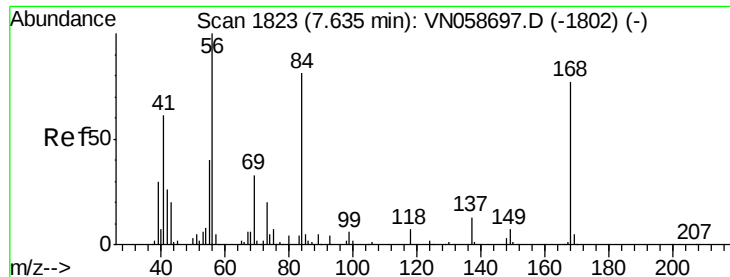
200

0

4.25 4.30 4.35 4.40

Time-->





#31

Cyclohexane

Concen: 1.163 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058773.D

Acq: 15 Oct 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBL01

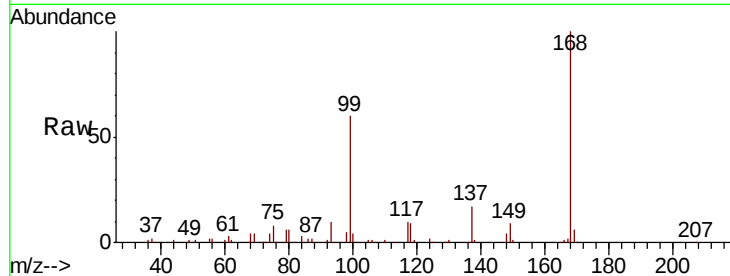
Tot Ion: 56 Resp: 9321

Ion Ratio Lower Upper

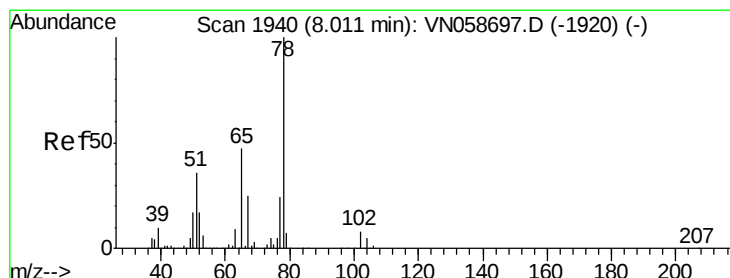
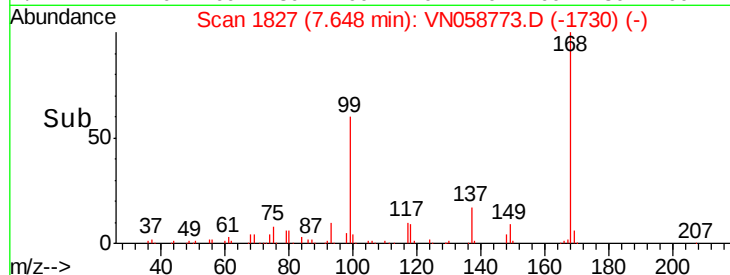
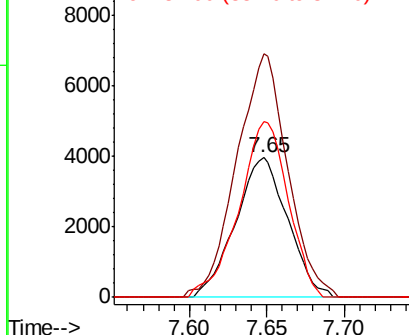
56 100

69 174.7 26.2 39.4#

84 126.1 64.9 97.3#



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



#33

1,2-Dichloroethane-d4

Concen: 51.217 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058773.D

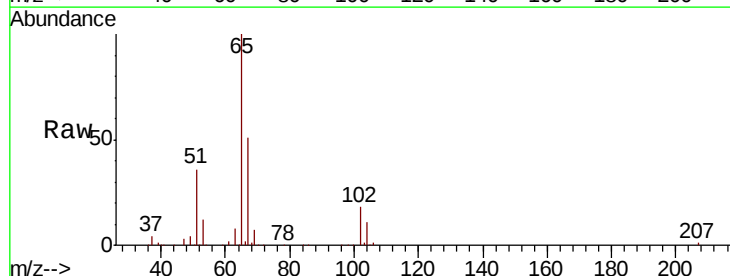
Acq: 15 Oct 2019 11:45

Tgt Ion: 65 Resp: 279878

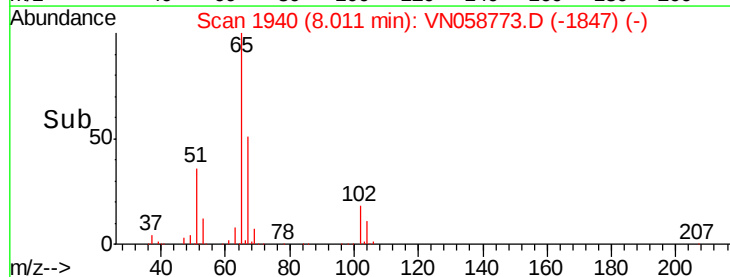
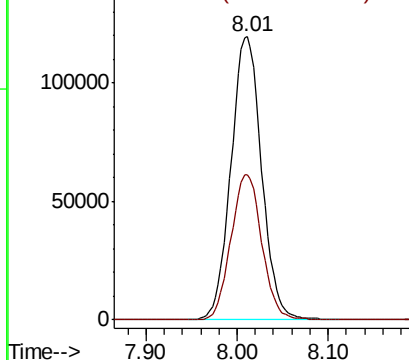
Ion Ratio Lower Upper

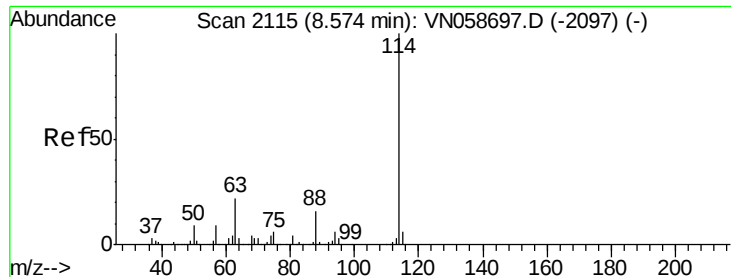
65 100

67 51.7 0.0 103.8



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

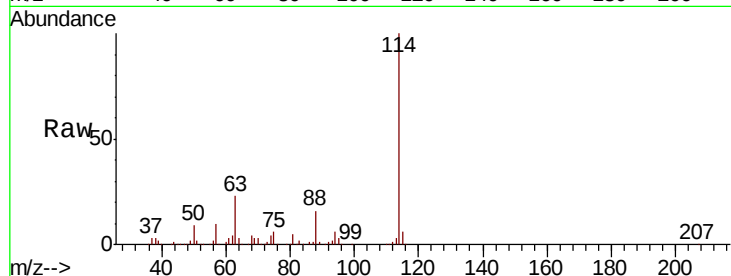




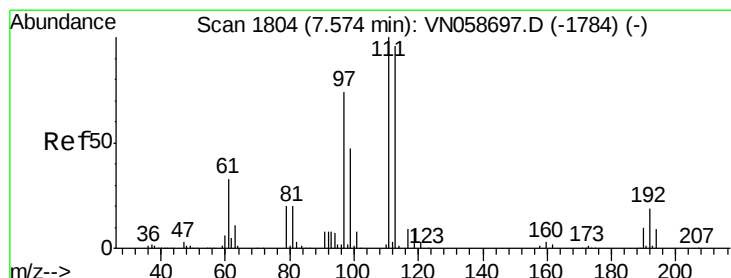
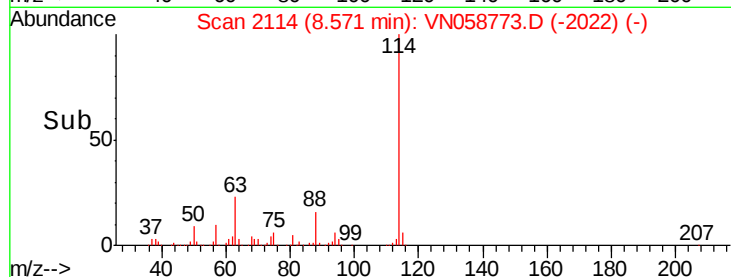
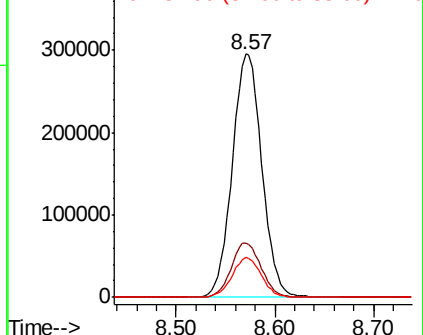
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VN058773.D
Acq: 15 Oct 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.8
88	16.3	0.0	32.0

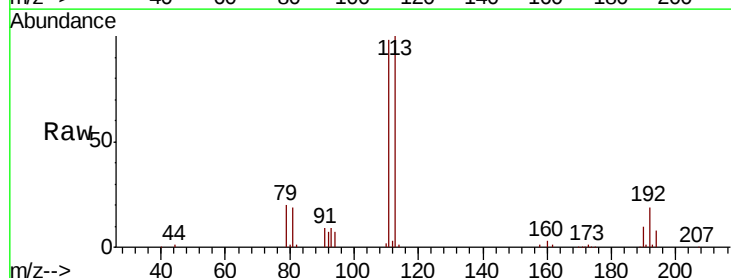


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

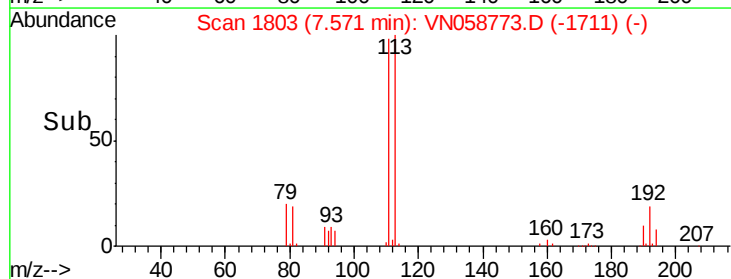
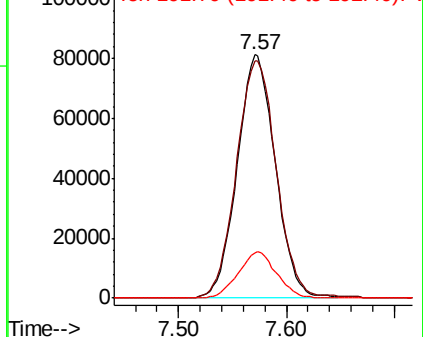


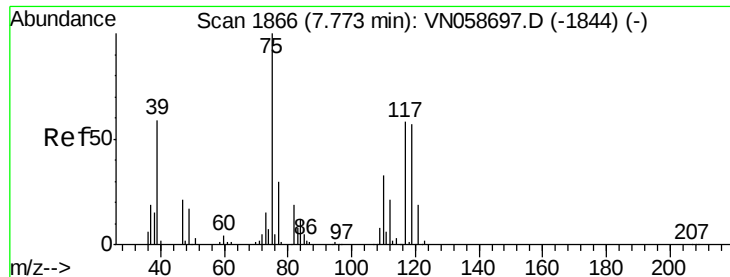
#35
Dibromofluoromethane
Concen: 52.411 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN058773.D
Acq: 15 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	19.0	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

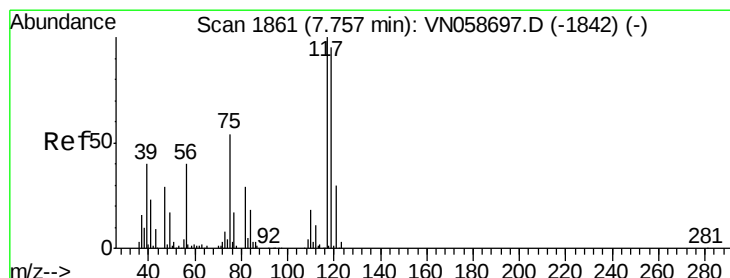
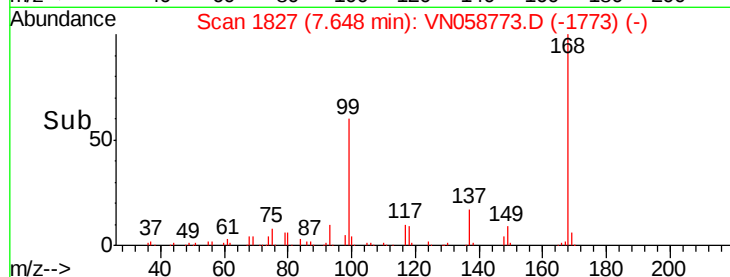
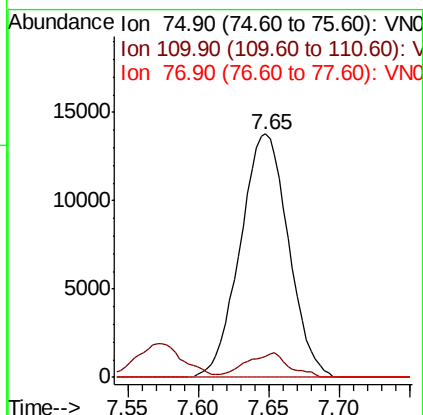
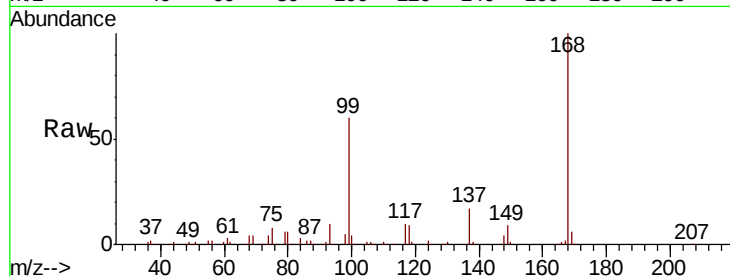




#36
 1,1-Dichloropropene
 Concen: 5.278 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058773.D
 Acq: 15 Oct 2019 11:45

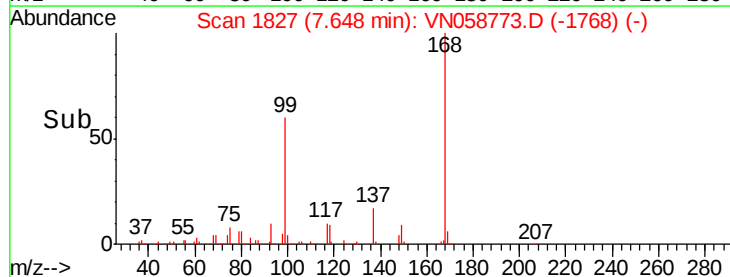
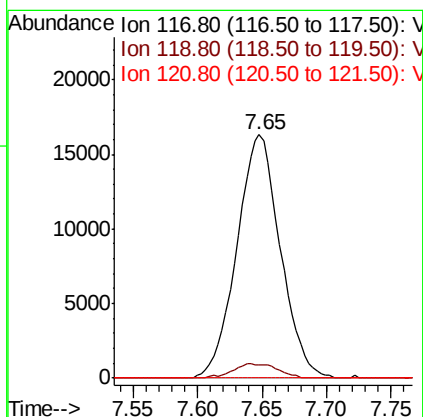
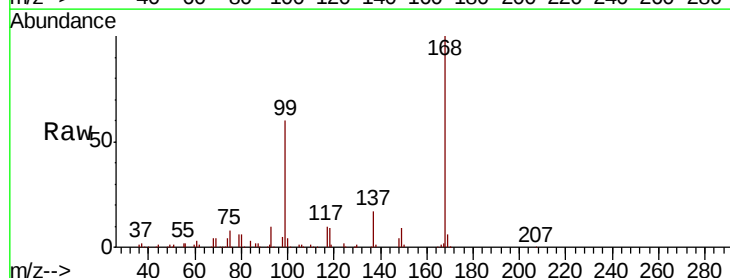
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBL01

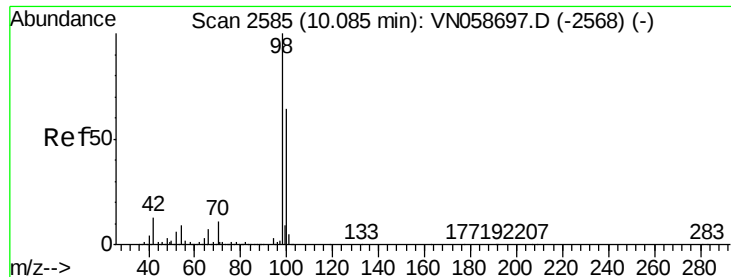
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.6	49.8#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.274 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058773.D
 Acq: 15 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.7	113.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 49.741 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058773.D

Acq: 15 Oct 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

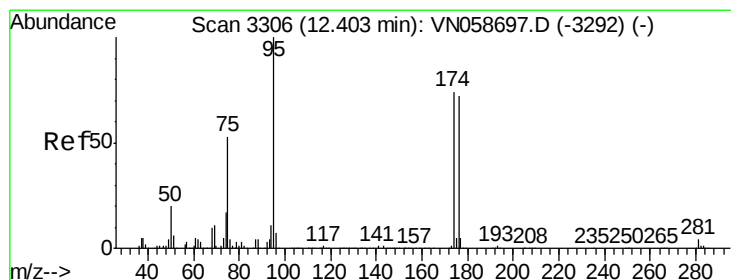
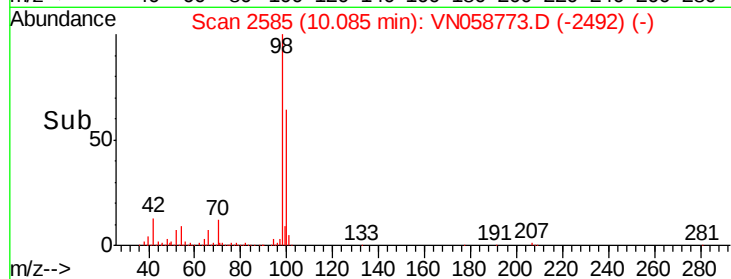
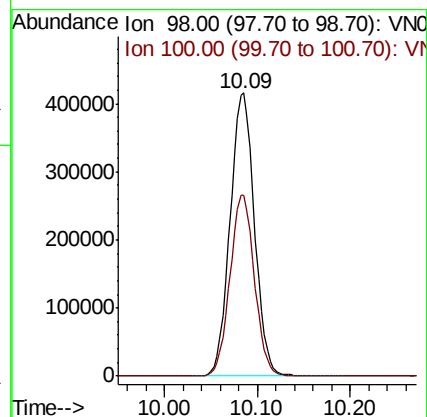
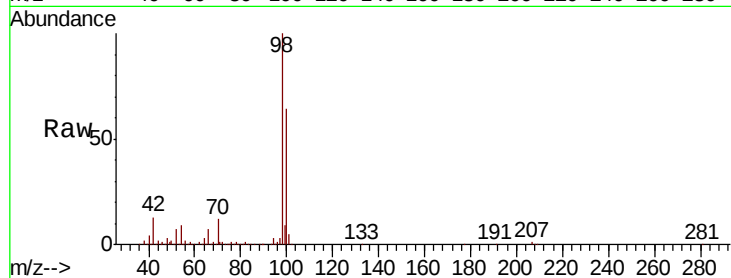
VN1015WBL01

Tot Ion: 98 Resp: 758675

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 42.749 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058773.D

Acq: 15 Oct 2019 11:45

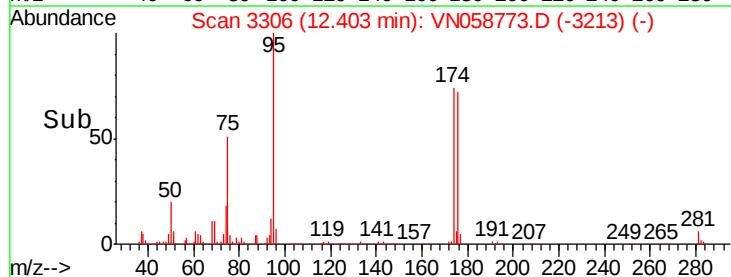
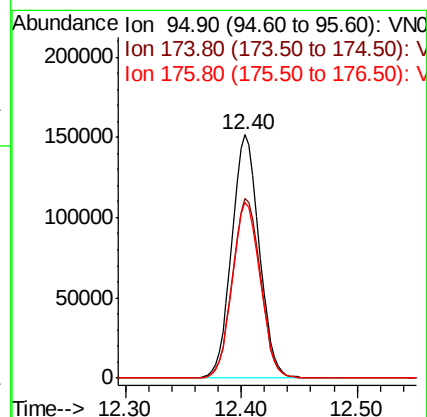
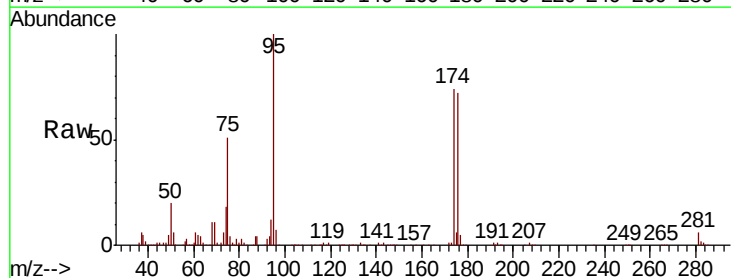
Tgt Ion: 95 Resp: 246812

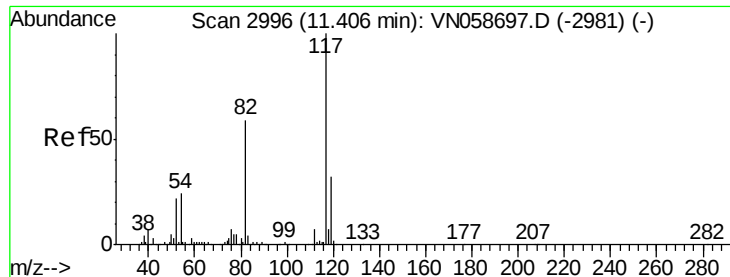
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.4

176 73.8 0.0 146.8

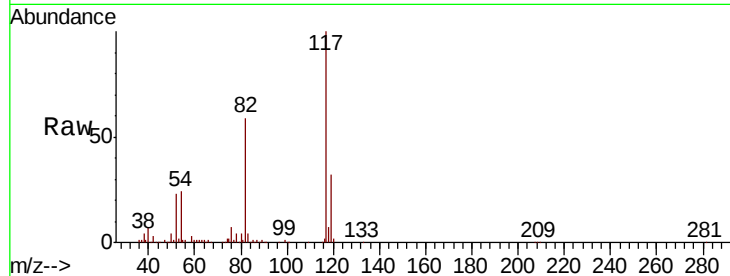




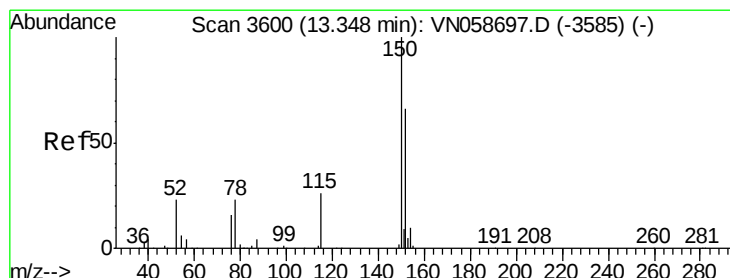
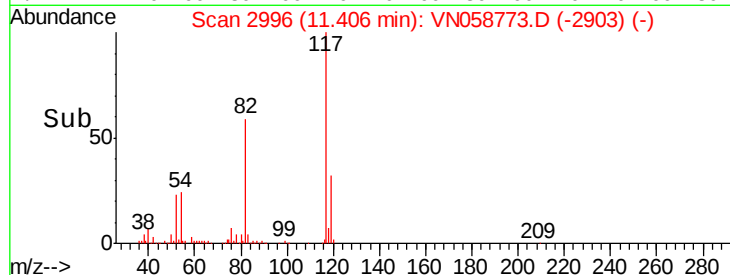
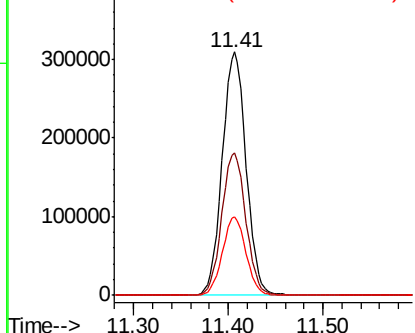
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058773.D
Acq: 15 Oct 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBL01

Tot Ion:117 Resp: 542311
Ion Ratio Lower Upper
117 100
82 58.7 47.0 70.4
119 32.2 25.4 38.2

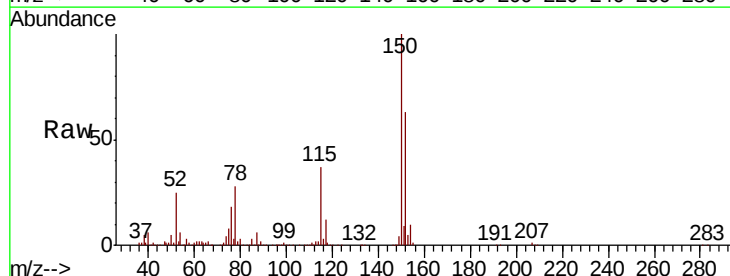


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

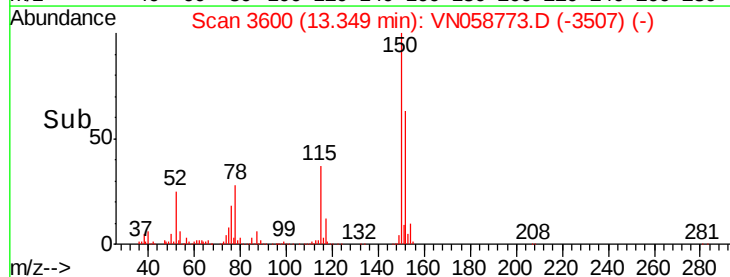
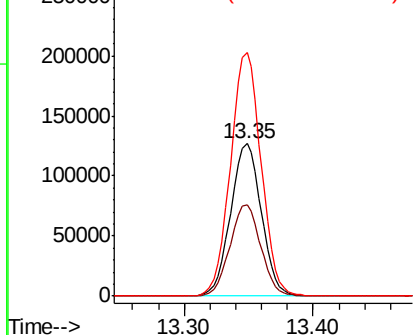


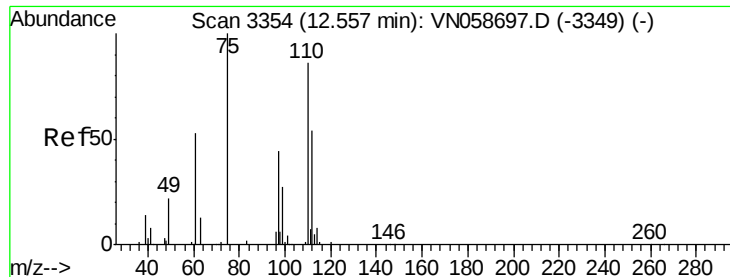
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058773.D
Acq: 15 Oct 2019 11:45

Tgt Ion:152 Resp: 210669
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.2
150 158.9 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

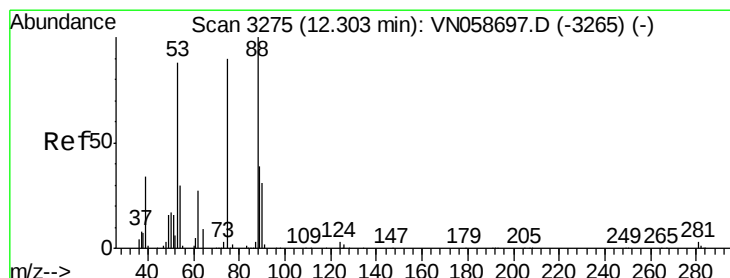
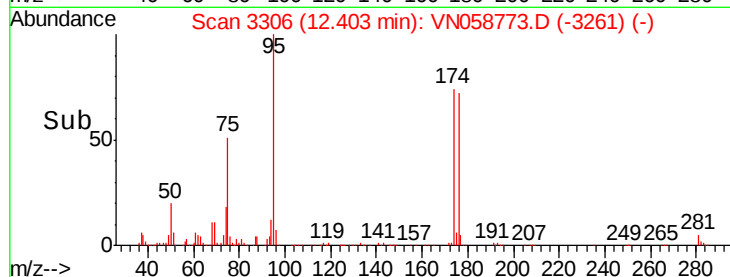
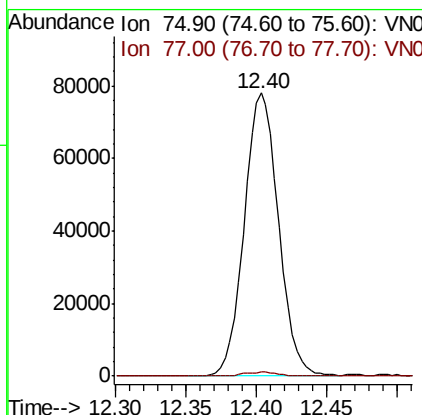
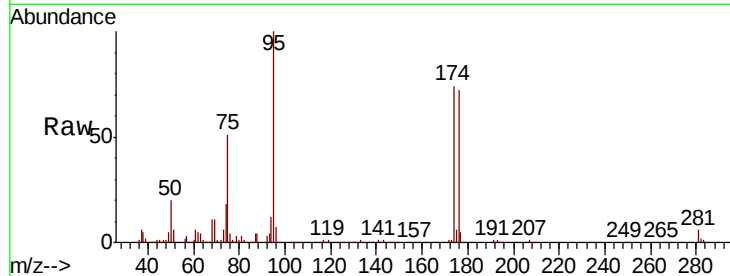




#76
 1,2,3-Trichloropropane
 Concen: 28.747 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN058773.D
 Acq: 15 Oct 2019 11:45

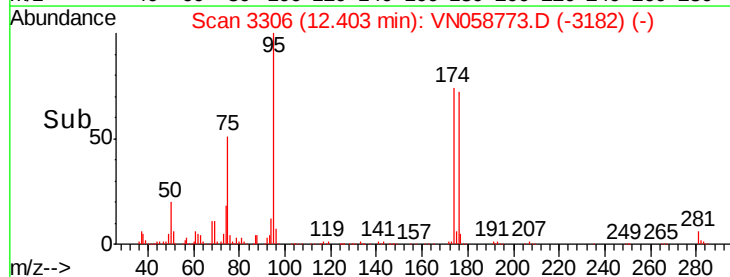
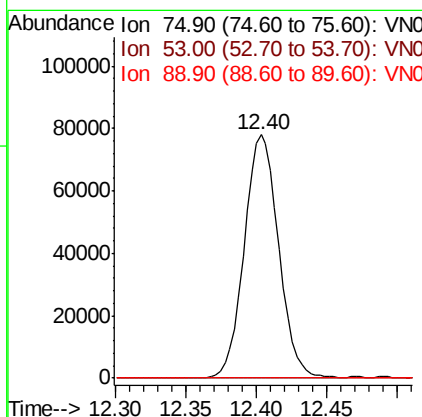
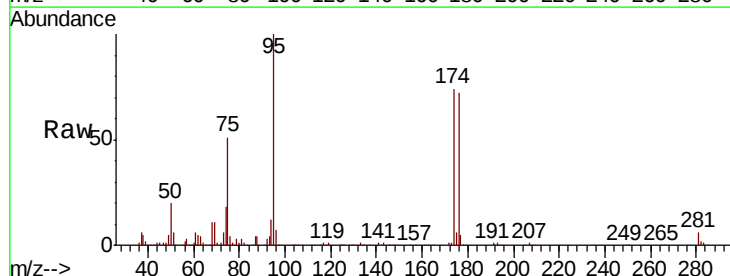
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBL01

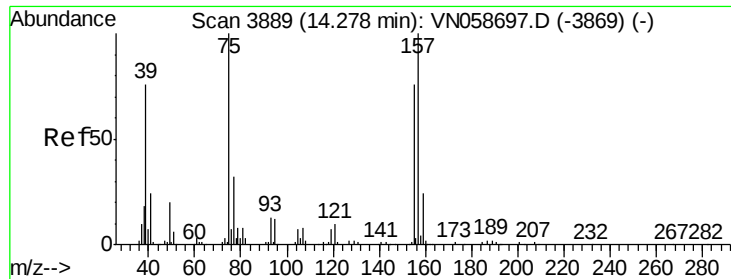
Tot Ion: 75 Resp: 132858
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.005 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058773.D
 Acq: 15 Oct 2019 11:45

Tgt Ion: 75 Resp: 132858
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.4 117.6#
 89 0.0 34.9 52.3#

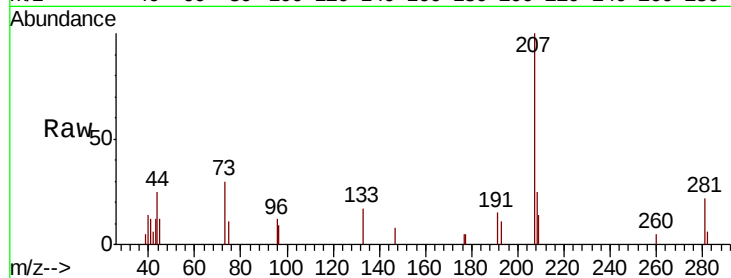




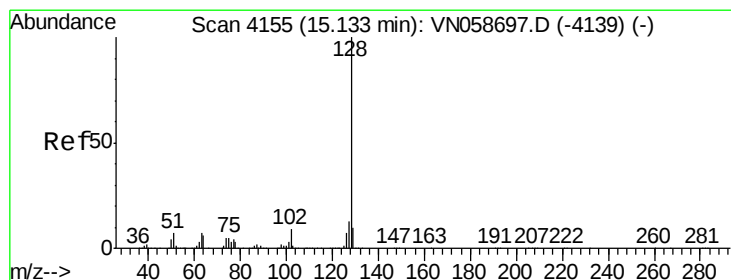
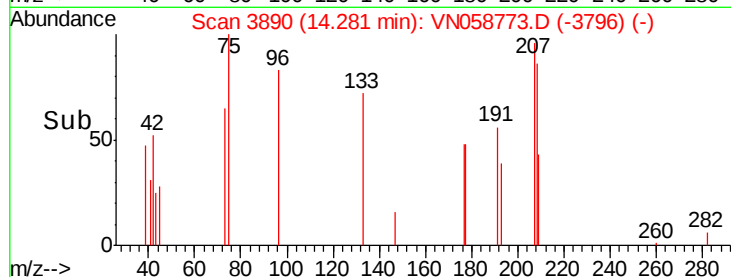
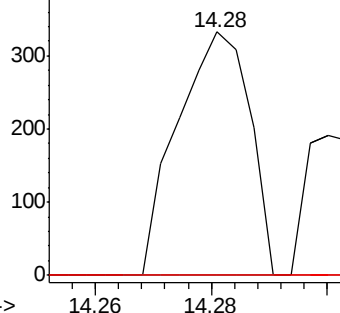
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.245 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN058773.D
 Acq: 15 Oct 2019 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBL01

Tot Ion: 75 Resp: 288
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.9 113.6#
 157 0.0 49.4 148.2#

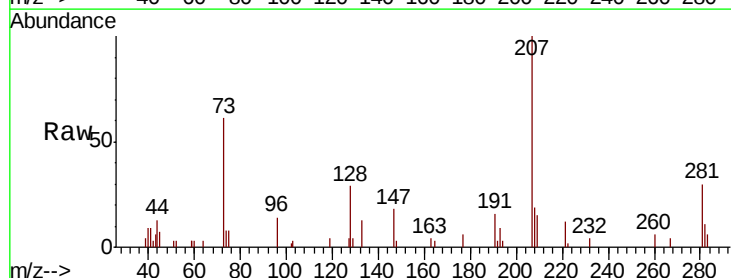


Abundance Ion 74.90 (74.60 to 75.60): VN058697.D (-3869) (-)
 Ion 154.80 (154.50 to 155.50): VN058697.D (-3869) (-)
 Ion 156.80 (156.50 to 157.50): VN058697.D (-3869) (-)

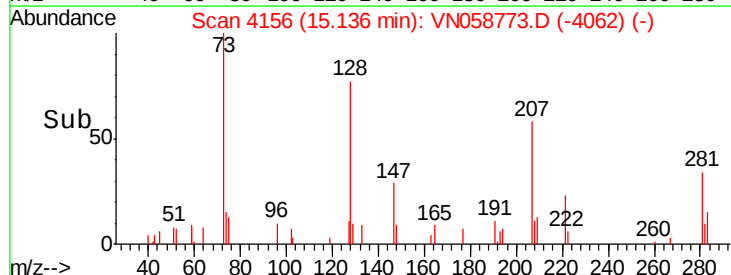
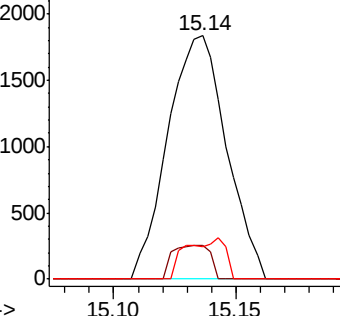


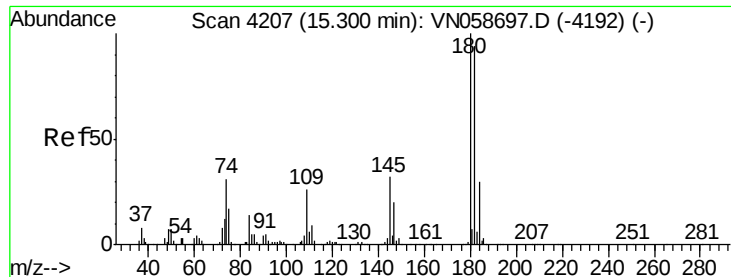
#95
 Naphthalene
 Concen: 0.262 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN058773.D
 Acq: 15 Oct 2019 11:45

Tgt Ion: 128 Resp: 3062
 Ion Ratio Lower Upper
 128 100
 127 8.8 10.2 15.4#
 129 11.3 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): VN058697.D (-4139) (-)
 Ion 127.00 (126.70 to 127.70): VN058697.D (-4139) (-)
 Ion 129.00 (128.70 to 129.70): VN058697.D (-4139) (-)





#96
 1,2,3-Trichlorobenzene
 Concen: 0.268 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN058773.D
 Acq: 15 Oct 2019 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.5	47.3	142.0
145	22.1	16.2	48.6

