

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102819\NOT REVIEWED DATA\
 Data File : VN058986.D
 Acq On : 28 Oct 2019 10:53
 Operator : JC/SP
 Sample : VN1028WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 29 19:31:03 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	394168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	627831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204352	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	290440	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
35) Dibromofluoromethane	7.57	113	211352	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
50) Toluene-d8	10.08	98	799813	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	254651	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	

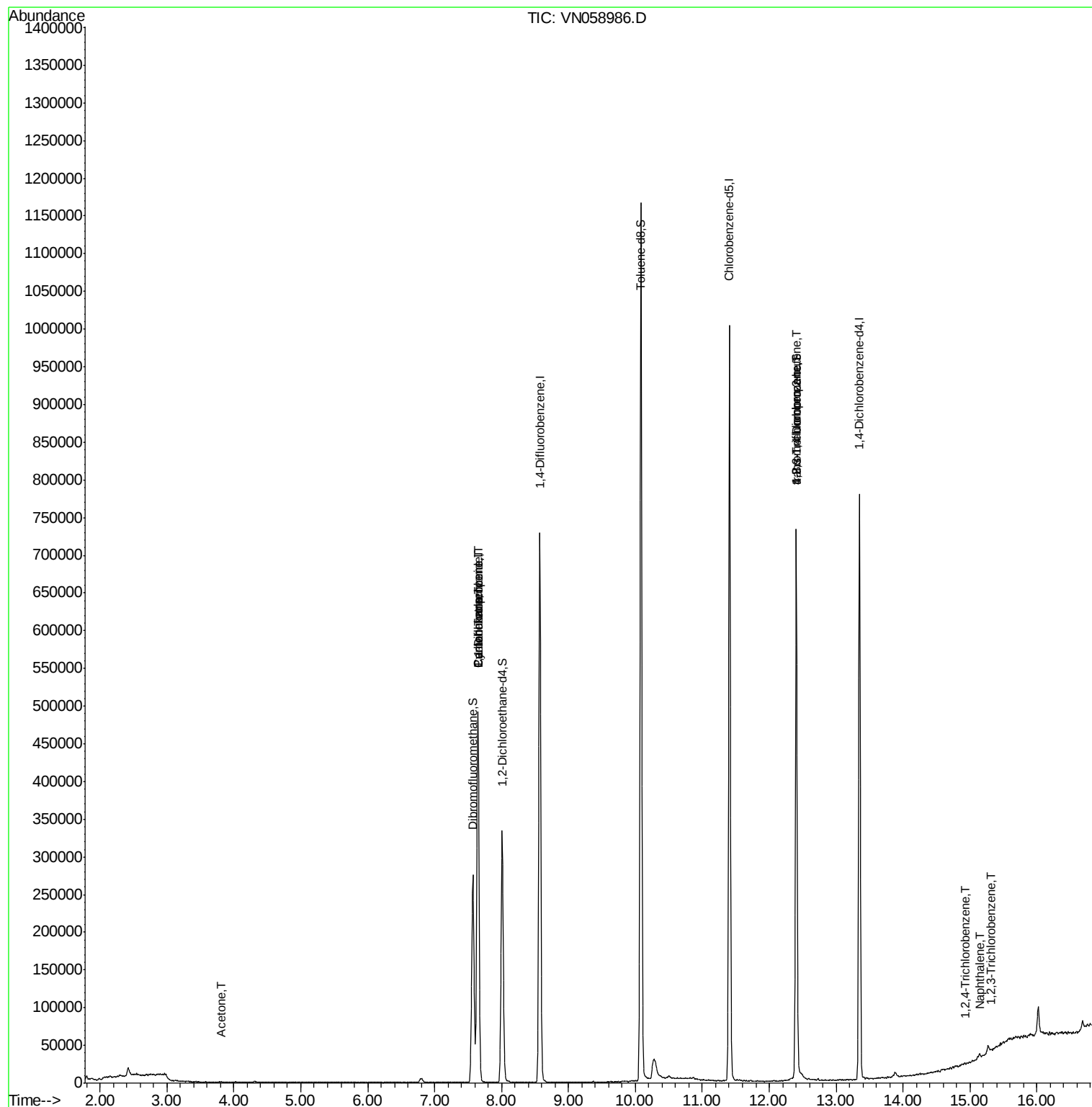
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	649	0.227	ug/l #	46
31) Cyclohexane	7.65	56	8604	1.036	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	32686	5.085	ug/l #	46
38) Carbon Tetrachloride	7.64	117	38934	5.880	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	132504	27.978	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	132504	72.884	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.92	180	525	2.643	ug/l #	18
95) Naphthalene	15.13	128	2422	2.423	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.30	180	955	2.624	ug/l #	19

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

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MSVOA_N
ClientSampleId :

Quant Time: Oct 29 19:31:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
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: VN058986.D

Acq: 28 Oct 2019 10:53

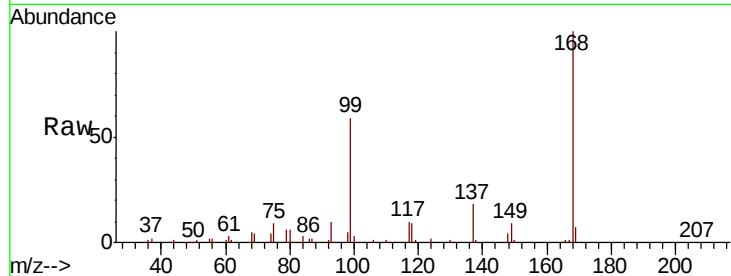
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 394168

Ion Ratio Lower Upper

168 100

99 59.4 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

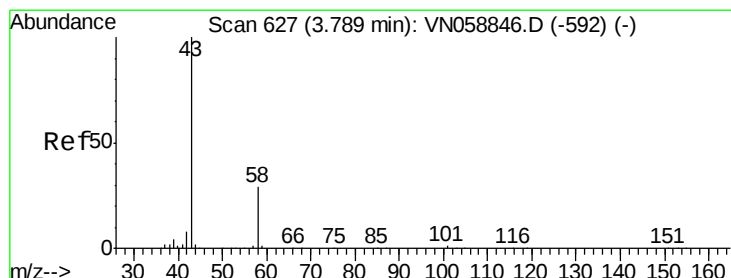
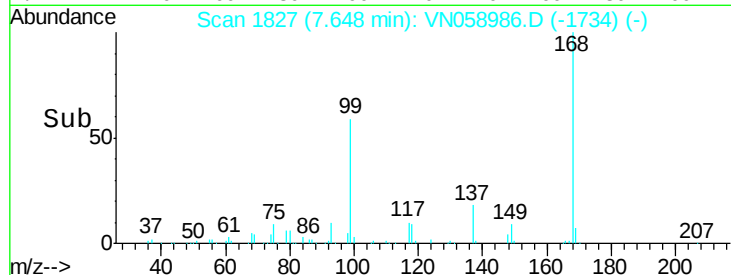
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.227 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058986.D

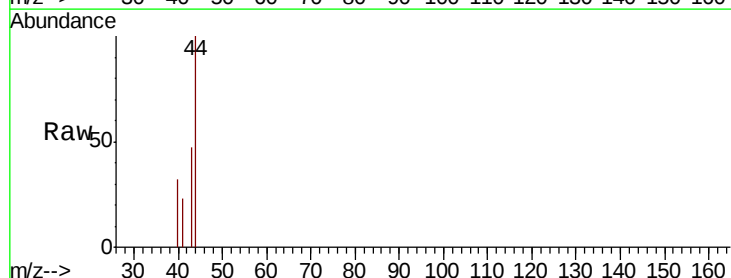
Acq: 28 Oct 2019 10:53

Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

43 100

58 0.0 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

500

400

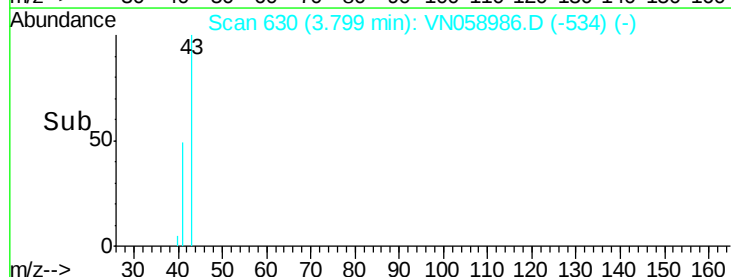
300

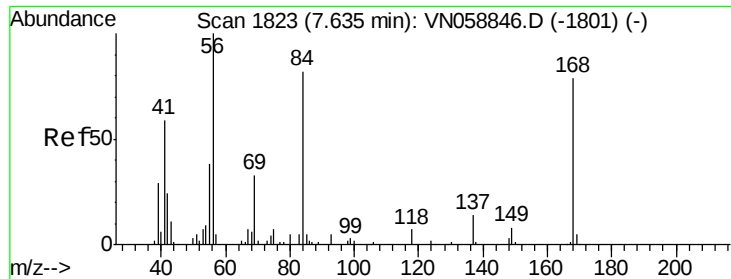
200

100

0

Time-->

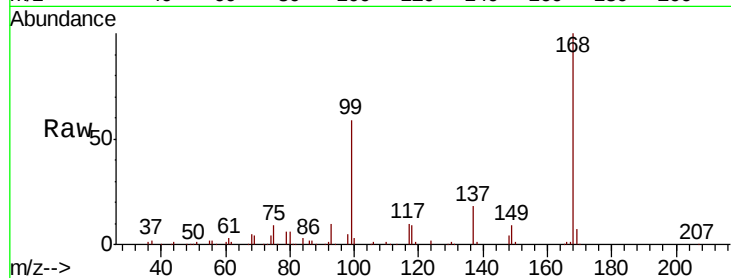




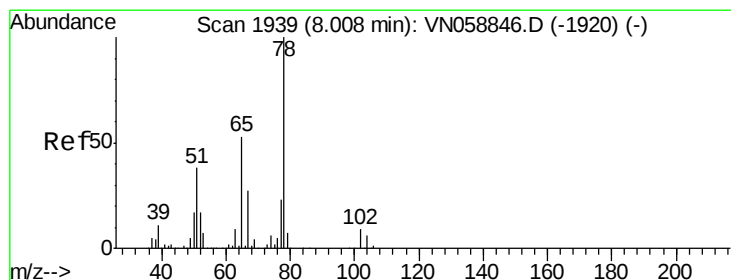
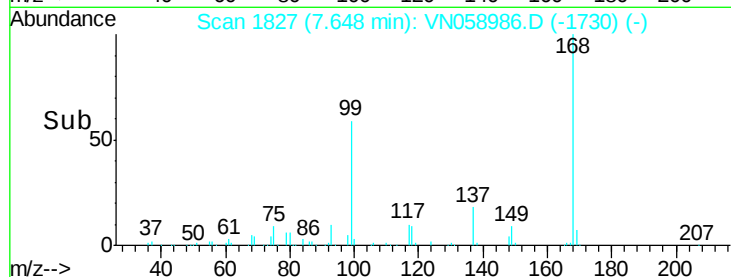
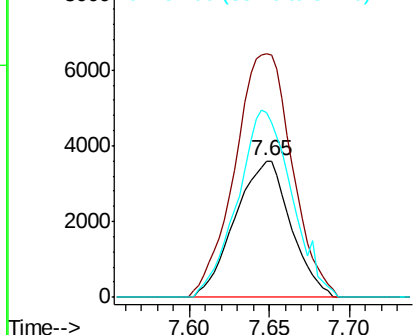
#31
Cyclohexane
Concen: 1.036 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058986.D
Acq: 28 Oct 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 8604
Ion Ratio Lower Upper
56 100
69 178.3 26.2 39.4#
84 135.7 65.6 98.4#

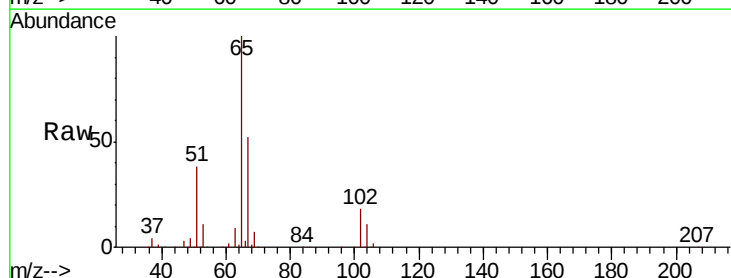


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

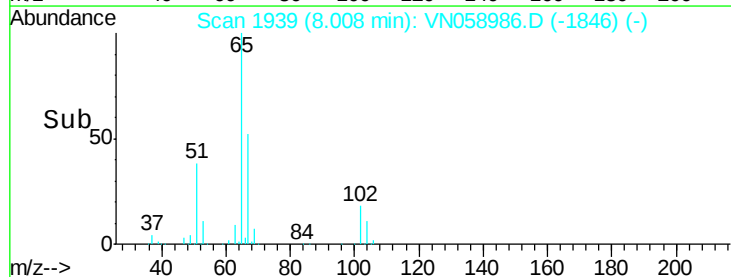
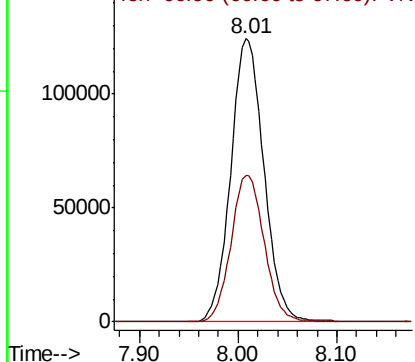


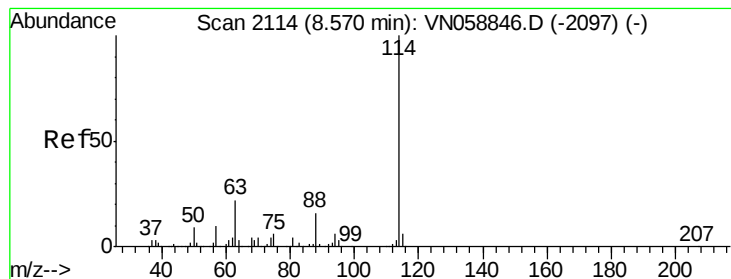
#33
1,2-Dichloroethane-d4
Concen: 50.240 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN058986.D
Acq: 28 Oct 2019 10:53

Tgt Ion: 65 Resp: 290440
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.2



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: VN058986.D

Acq: 28 Oct 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

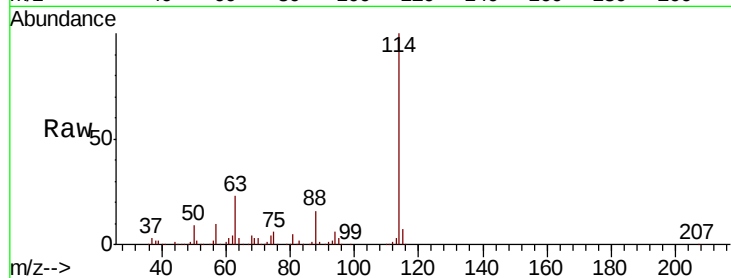
Tot Ion:114 Resp: 627831

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.4

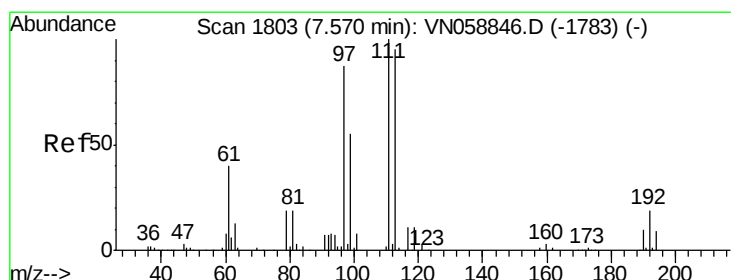
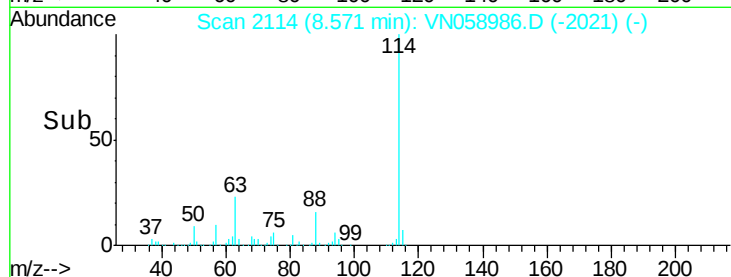
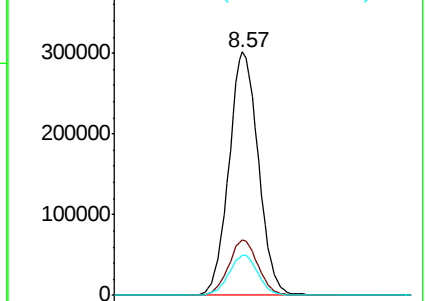
88 16.4 0.0 31.4



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: 51.202 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN058986.D

Acq: 28 Oct 2019 10:53

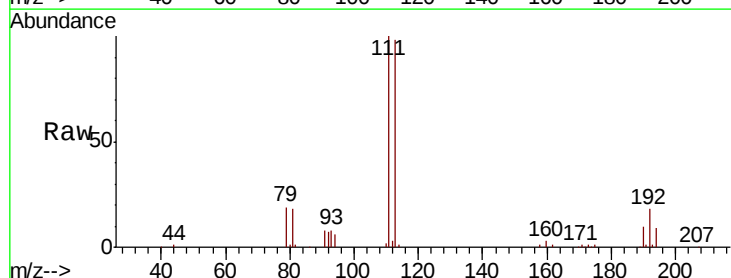
Tgt Ion:113 Resp: 211352

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

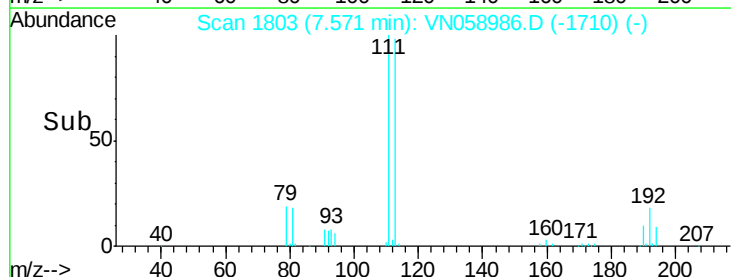
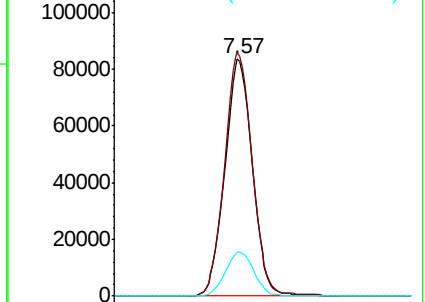
192 19.2 15.0 22.6

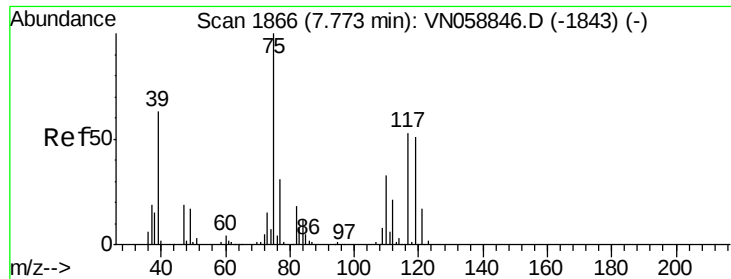


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

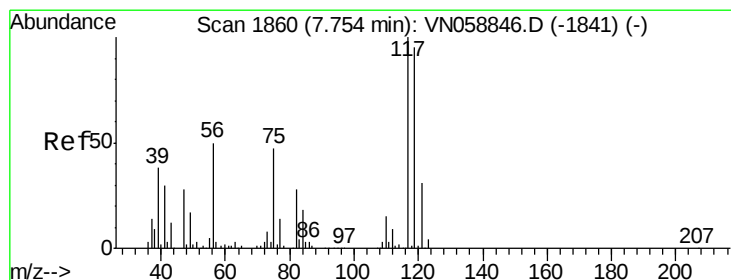
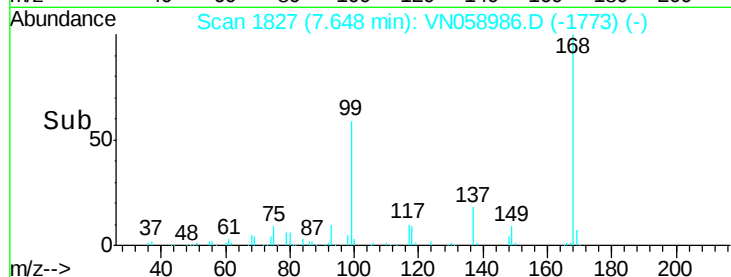
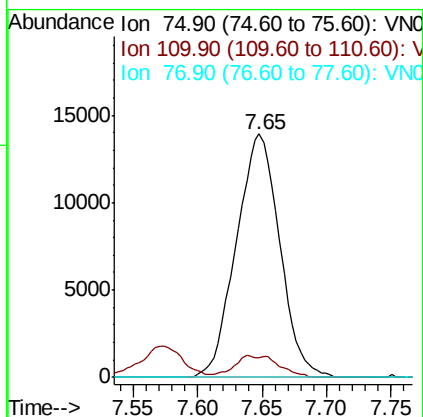
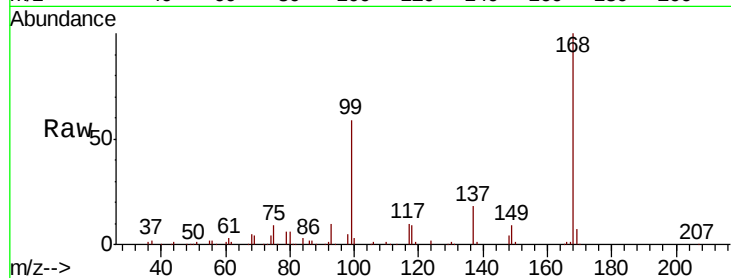




#36
 1,1-Dichloropropene
 Concen: 5.085 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058986.D
 Acq: 28 Oct 2019 10:53

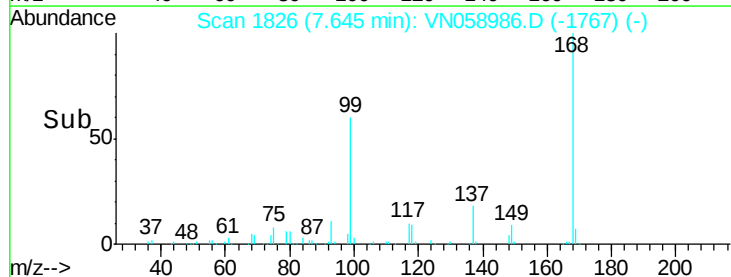
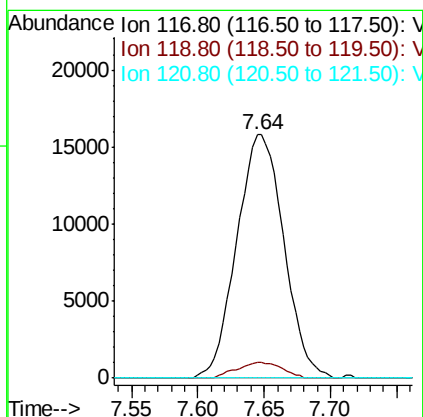
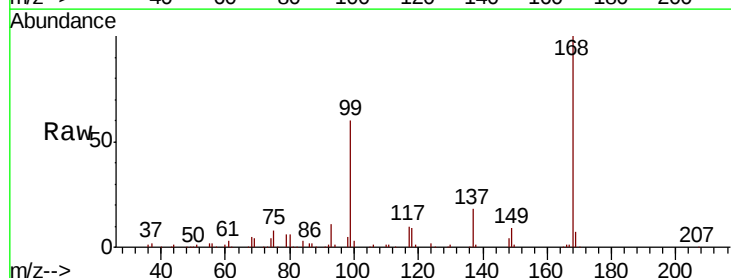
Instrument :
 MSVOA_N
 ClientSampled :

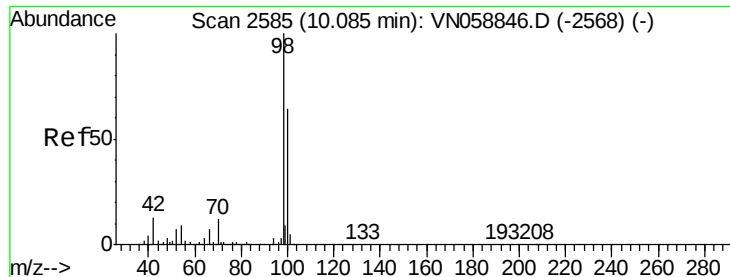
Tot Ion	Ratio	Lower	Upper
75	100		
110	3.5	16.3	48.9#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.880 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN058986.D
 Acq: 28 Oct 2019 10:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.7	113.5#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 49.915 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058986.D

Acq: 28 Oct 2019 10:53

Instrument :

MSVOA_N

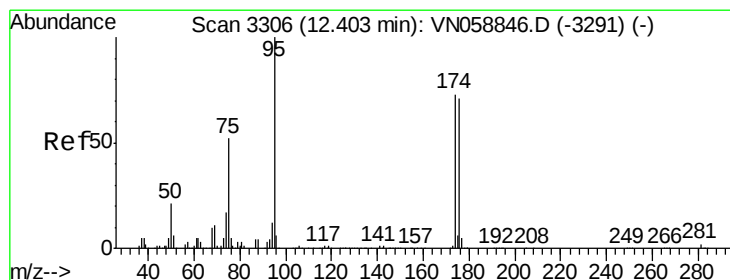
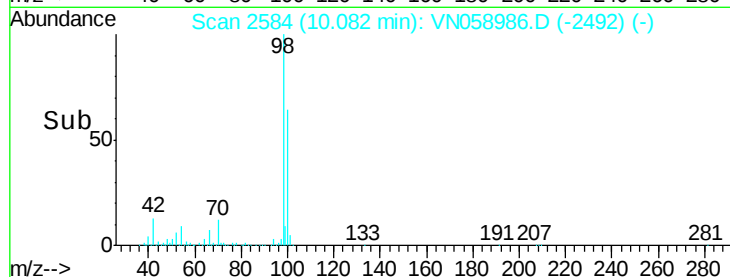
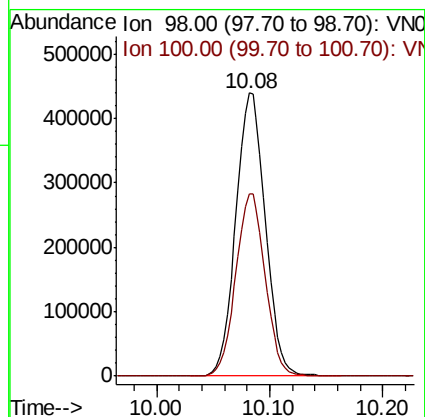
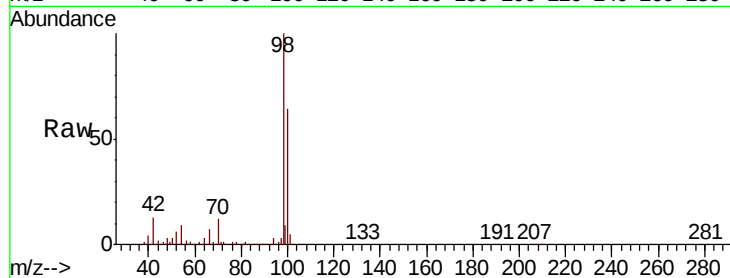
ClientSampleId :

Tot Ion: 98 Resp: 799813

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 43.276 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058986.D

Acq: 28 Oct 2019 10:53

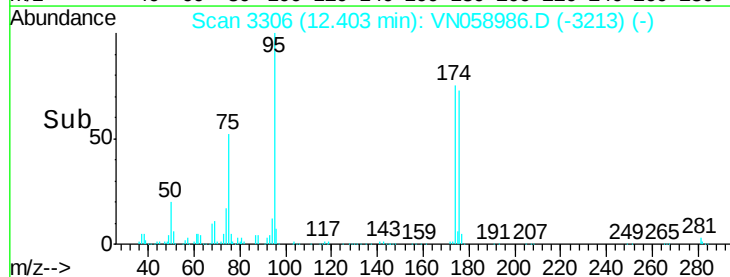
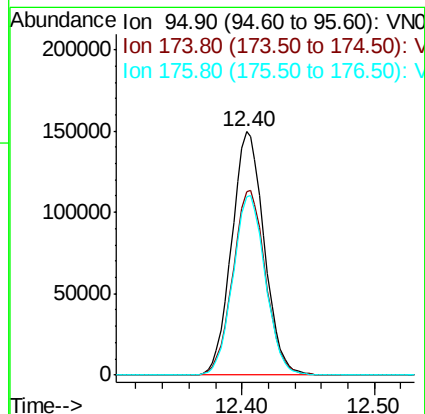
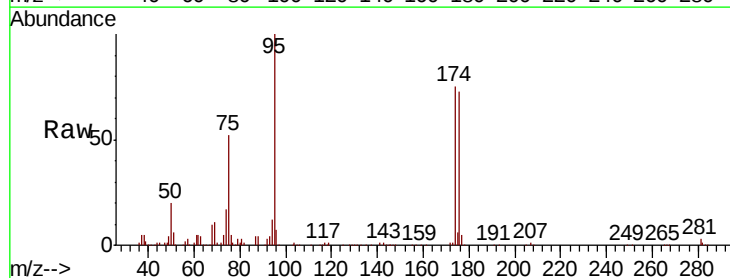
Tgt Ion: 95 Resp: 254651

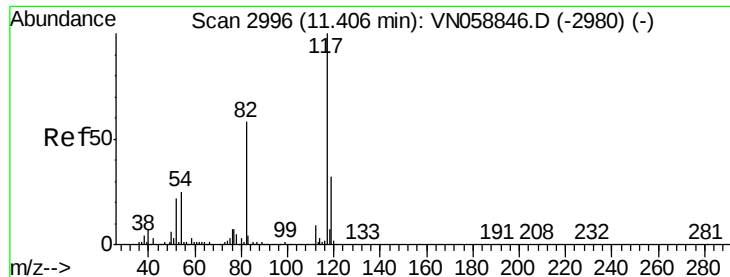
Ion Ratio Lower Upper

95 100

174 76.6 0.0 147.6

176 73.8 0.0 143.2

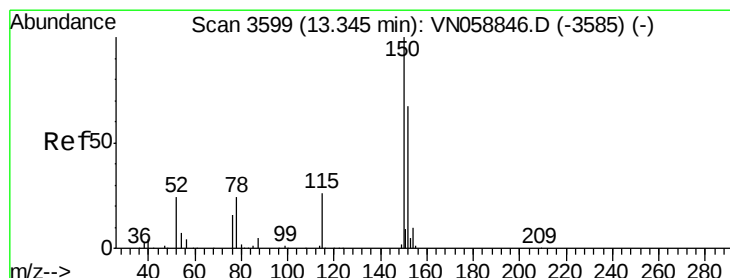
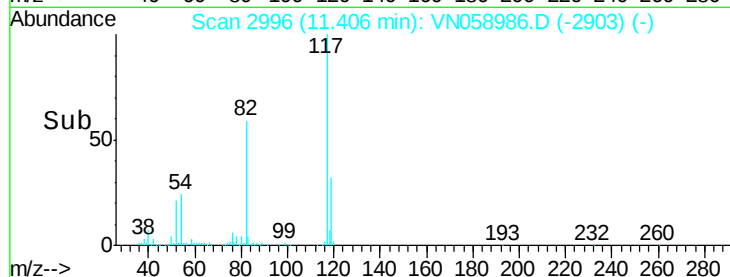
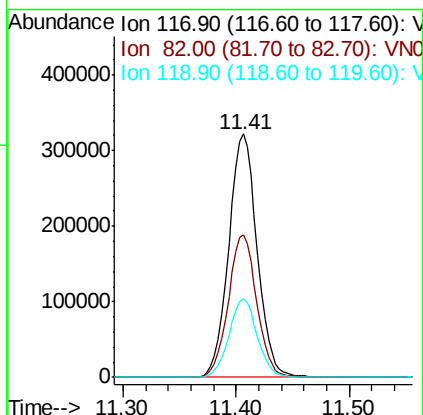
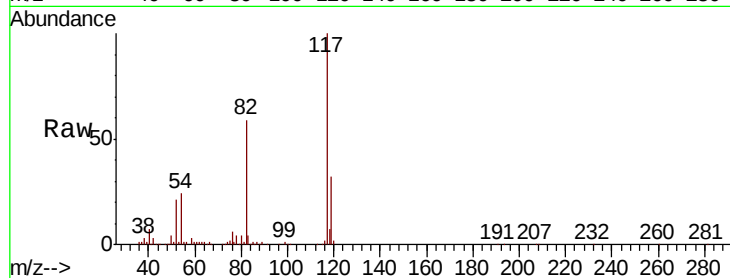




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058986.D
Acq: 28 Oct 2019 10:53

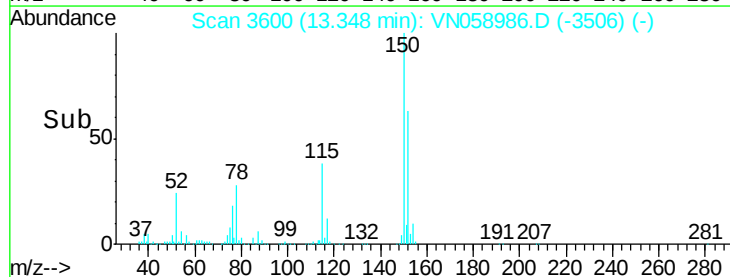
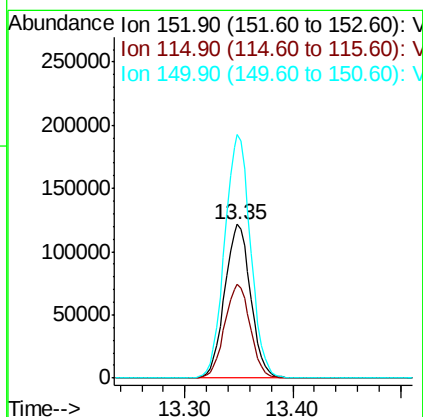
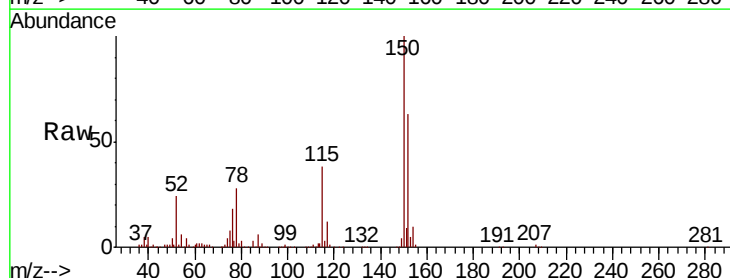
Instrument :
MSVOA_N
ClientSampleId :

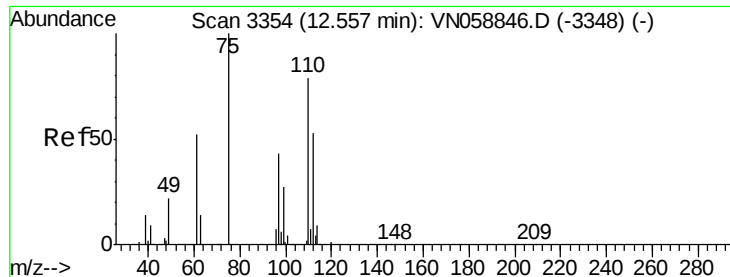
Tot Ion:117 Resp: 560953
Ion Ratio Lower Upper
117 100
82 58.5 46.6 69.8
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058986.D
Acq: 28 Oct 2019 10:53

Tgt Ion:152 Resp: 204352
Ion Ratio Lower Upper
152 100
115 60.1 30.5 91.5
150 157.3 0.0 344.4





#76

1,2,3-Trichloropropane

Concen: 27.978 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058986.D

Acq: 28 Oct 2019 10:53

Instrument :

MSVOA_N

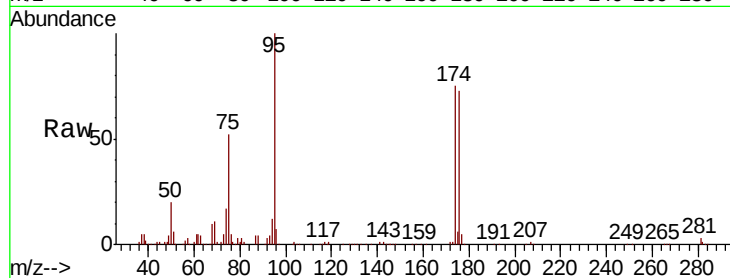
ClientSampleId :

Tot Ion: 75 Resp: 132504

Ion Ratio Lower Upper

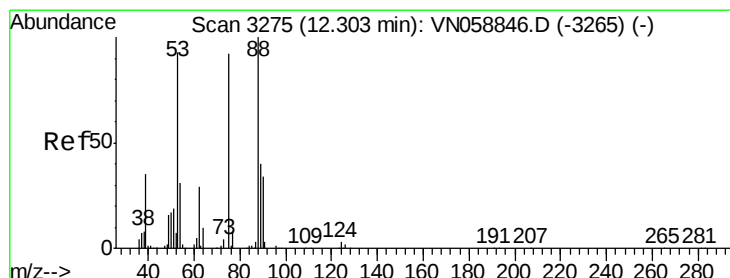
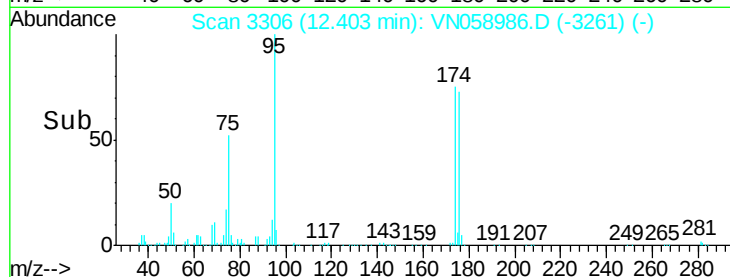
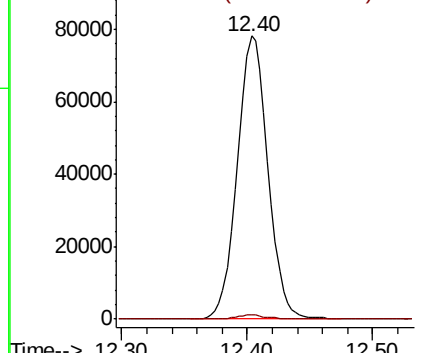
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 72.884 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058986.D

Acq: 28 Oct 2019 10:53

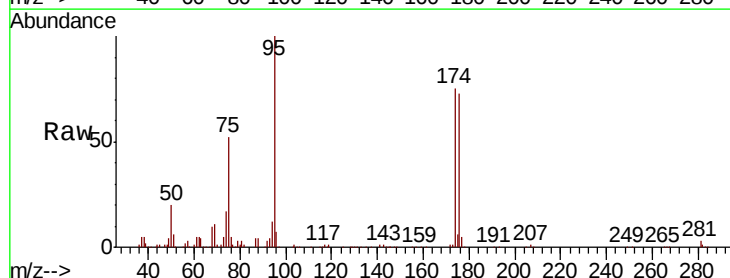
Tgt Ion: 75 Resp: 132504

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

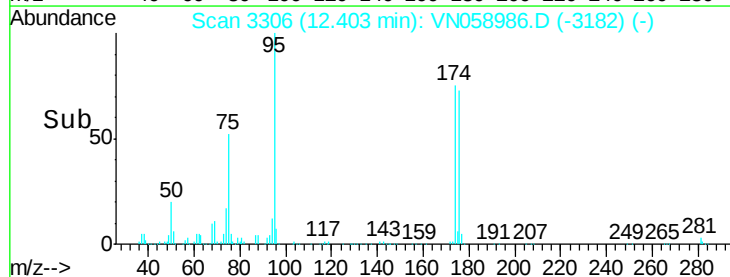
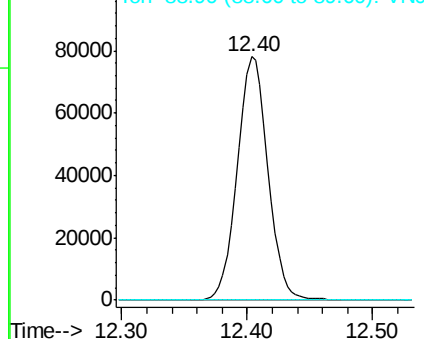
89 0.0 35.4 53.0#

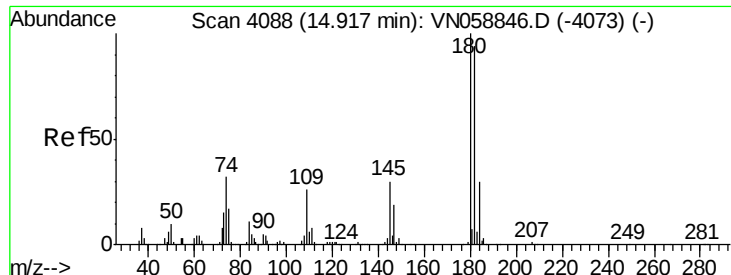


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

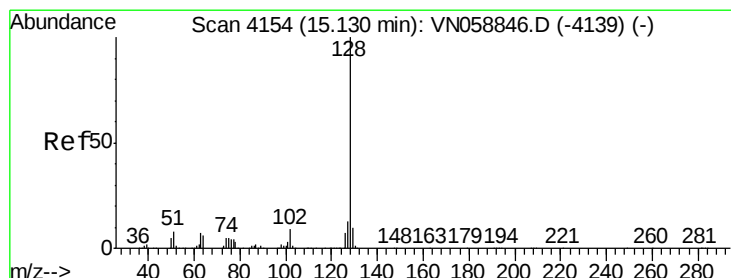
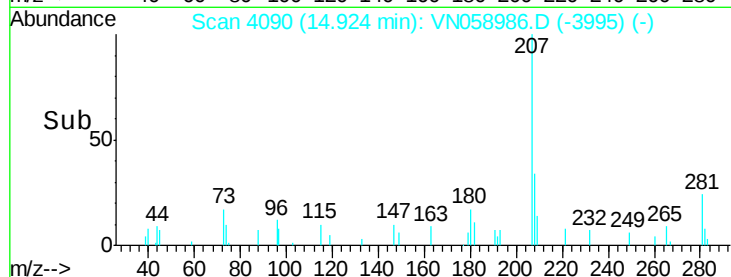
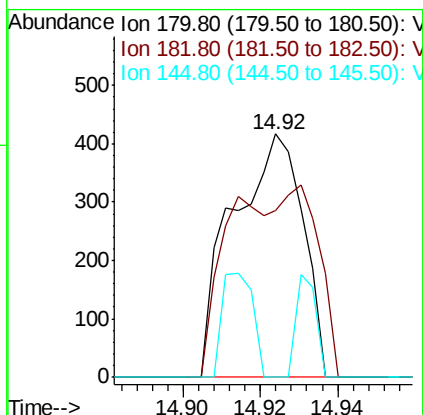
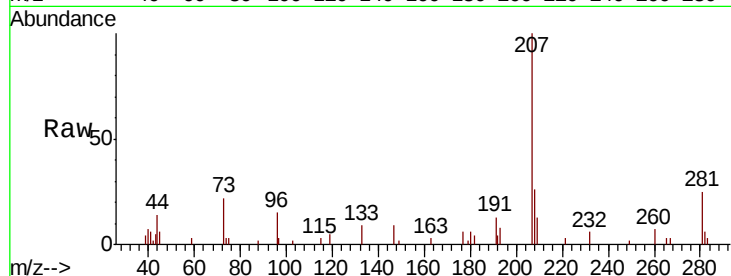




#93
 1,2,4-Trichlorobenzene
 Concen: 2.643 ug/l
 RT: 14.92 min Scan# 4090
 Delta R.T. 0.01 min
 Lab File: VN058986.D
 Acq: 28 Oct 2019 10:53

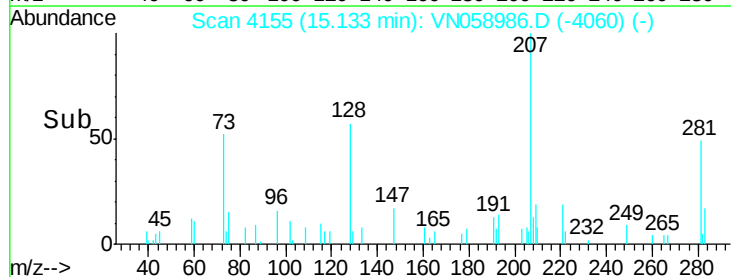
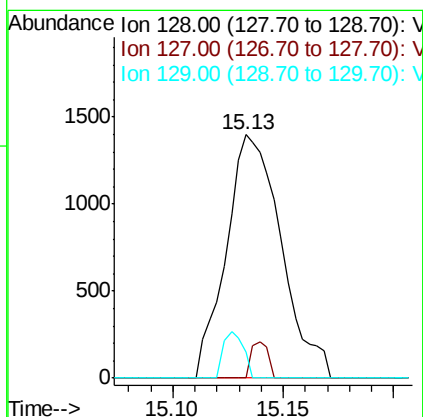
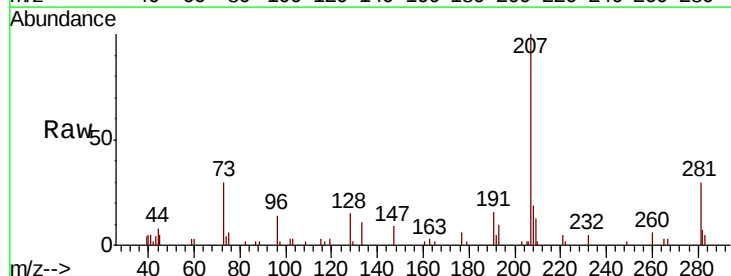
Instrument :
 MSVOA_N
 ClientSampled :

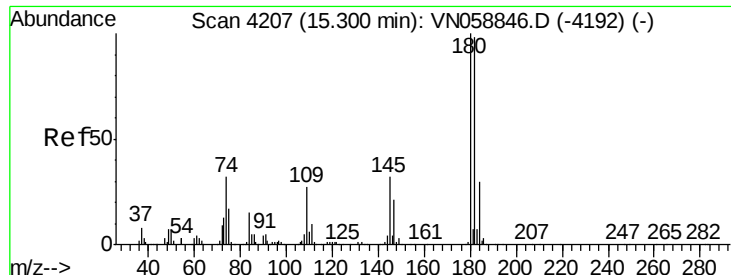
Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	142.0#
145	12.0	15.3	45.8#



#95
 Naphthalene
 Concen: 2.423 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN058986.D
 Acq: 28 Oct 2019 10:53

Tgt Ion	Ratio	Lower	Upper
128	100		
127	4.5	10.2	15.2#
129	6.9	8.4	12.6#

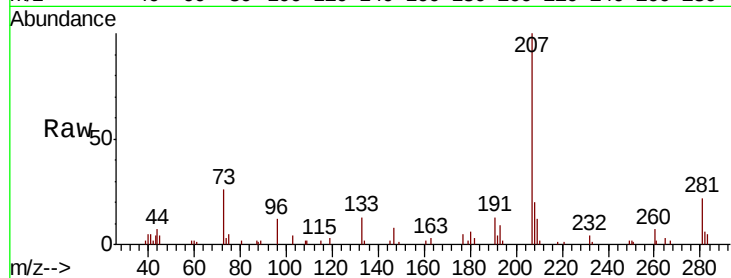




#96
 1,2,3-Trichlorobenzene
 Concen: 2.624 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN058986.D
 Acq: 28 Oct 2019 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.7#
145	16.5	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

