

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058874.D
 Acq On : 21 Oct 2019 9:59
 Operator : JC/SP
 Sample : VN1021WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

Quant Time: Oct 22 03:15:30 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

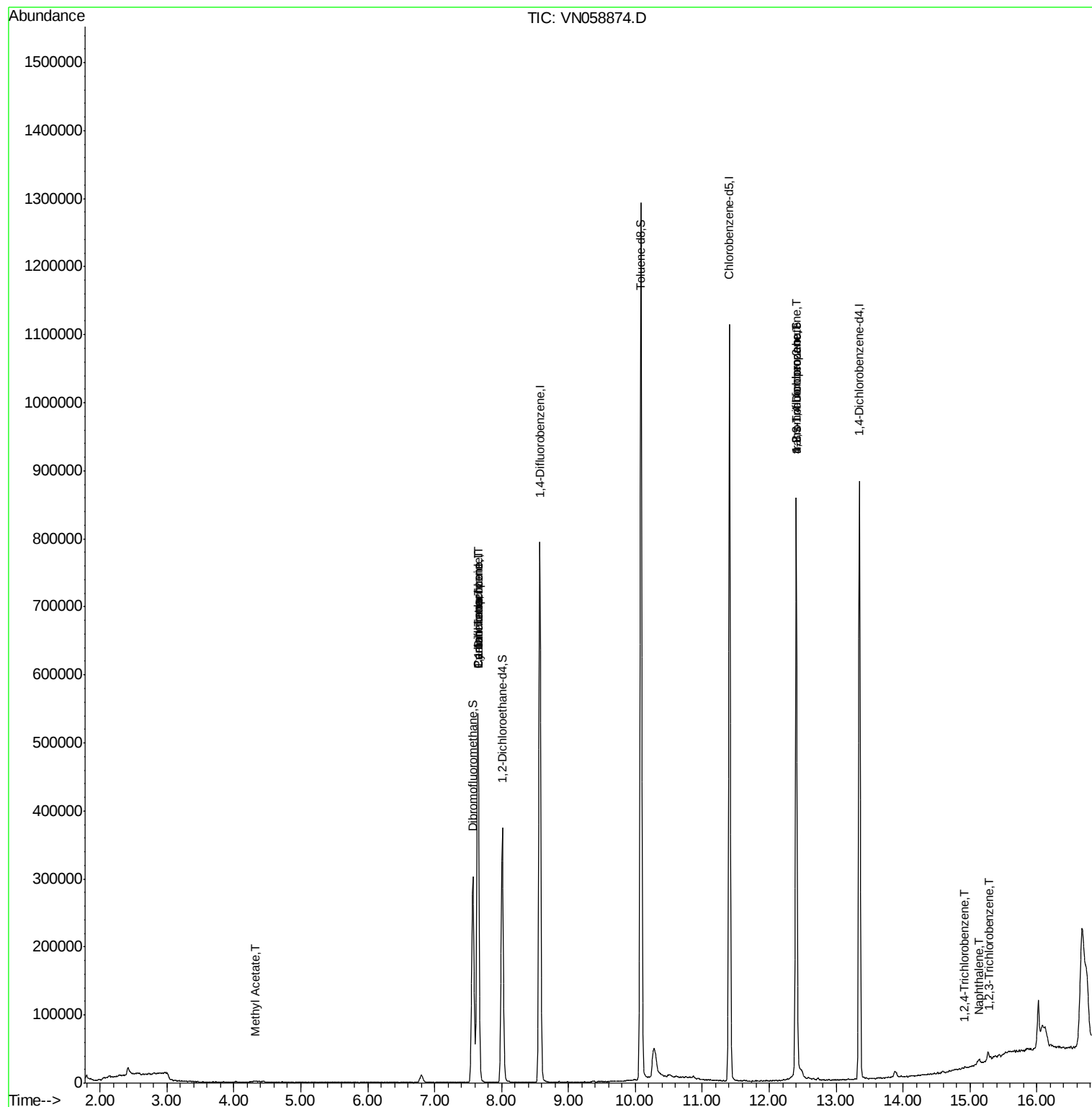
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	423761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	678778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	602959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	229331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	329010	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
35) Dibromofluoromethane	7.57	113	230020	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.08	98	890958	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.40	95	289349	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.31	43	1746	0.250	ug/l #	83
31) Cyclohexane	7.64	56	9857	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	35988	5.179	ug/l #	50
38) Carbon Tetrachloride	7.65	117	44025	6.150	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	154906	29.145	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	154906	75.925	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.92	180	638	2.653	ug/l #	71
95) Naphthalene	15.13	128	2291	2.392	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.29	180	854	2.577	ug/l	79

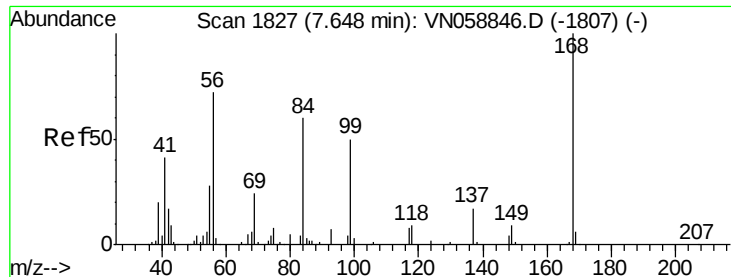
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102119\
Data File : VN058874.D
Acq On : 21 Oct 2019 9:59
Operator : JC/SP
Sample : VN1021WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBL01

Quant Time: Oct 22 03:15:30 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: VN058874.D

Acq: 21 Oct 2019 9:59

Instrument :

MSVOA_N

ClientSampleId :

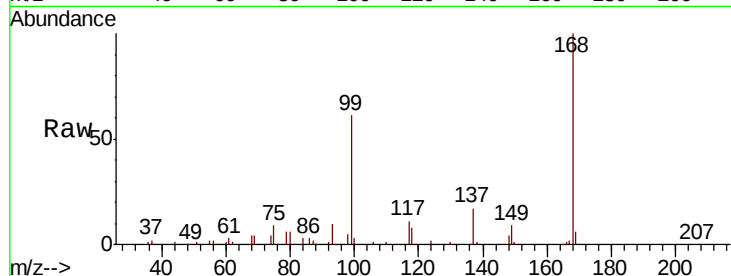
VN1021WBL01

Tot Ion:168 Resp: 423761

Ion Ratio Lower Upper

168 100

99 60.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058874.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN058874.D (-1734) (-)

7.65

200000

150000

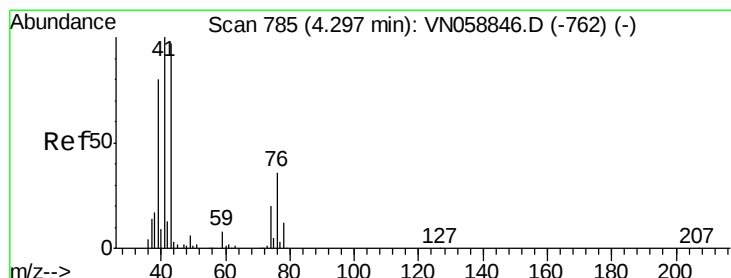
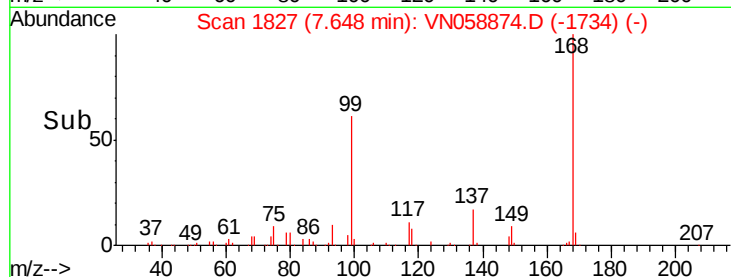
100000

50000

0

7.60 7.70 7.80

Time-->



#18

Methyl Acetate

Concen: 0.250 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.02 min

Lab File: VN058874.D

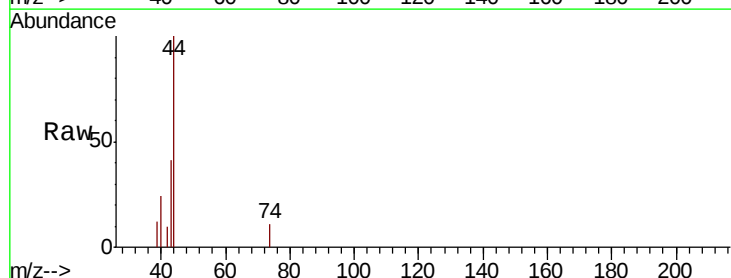
Acq: 21 Oct 2019 9:59

Tgt Ion: 43 Resp: 1746

Ion Ratio Lower Upper

43 100

74 13.3 17.1 25.7#



Abundance Ion 43.00 (42.70 to 43.70): VN058874.D (-692) (-)

Ion 74.00 (73.70 to 74.70): VN058874.D (-692) (-)

4.31

600

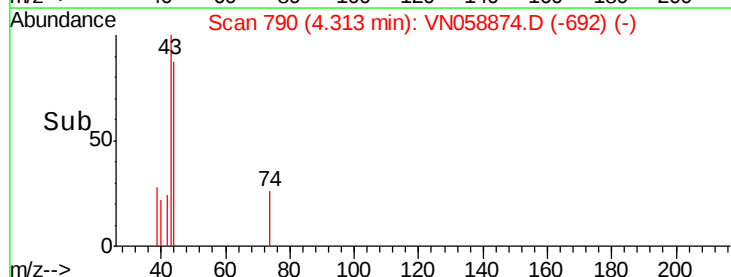
400

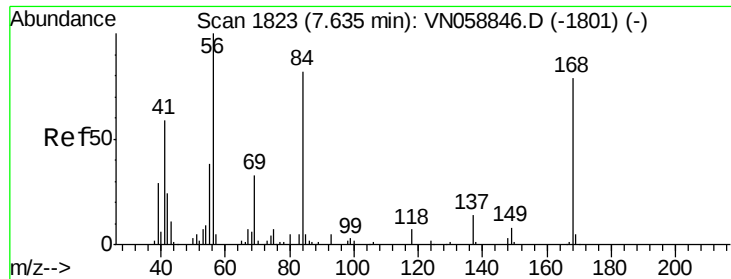
200

0

4.25 4.30 4.35

Time-->

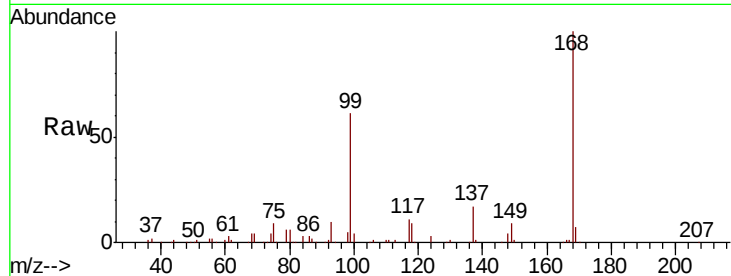




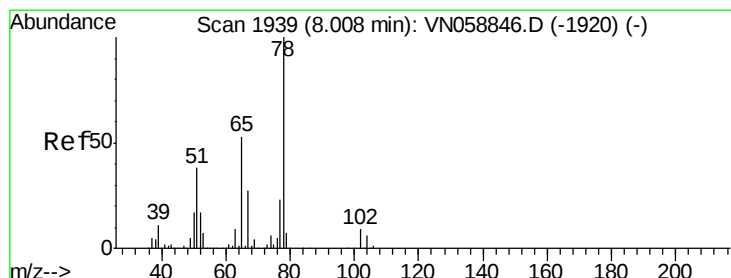
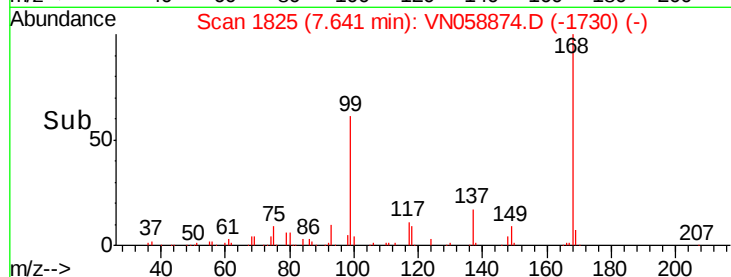
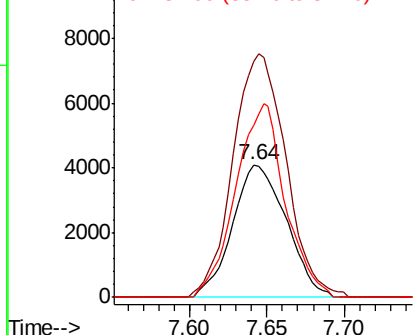
#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN058874.D
Acq: 21 Oct 2019 9:59

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBL01

Tot Ion: 56 Resp: 9857
Ion Ratio Lower Upper
56 100
69 177.9 26.2 39.4#
84 130.3 65.6 98.4#

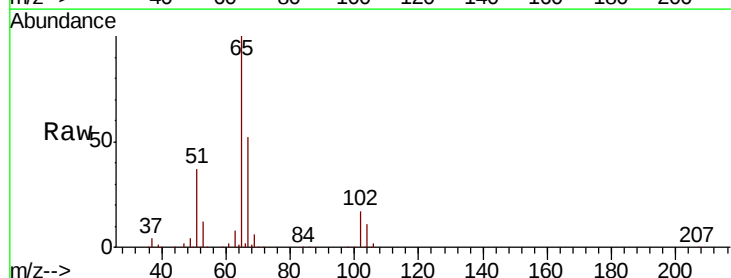


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

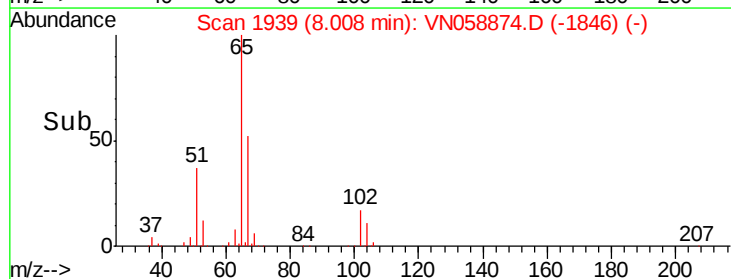
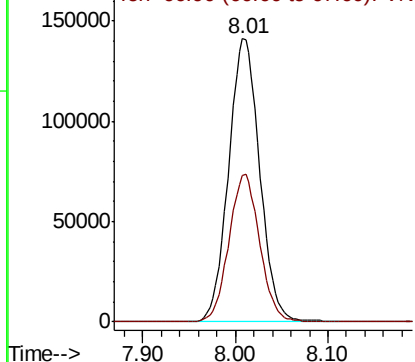


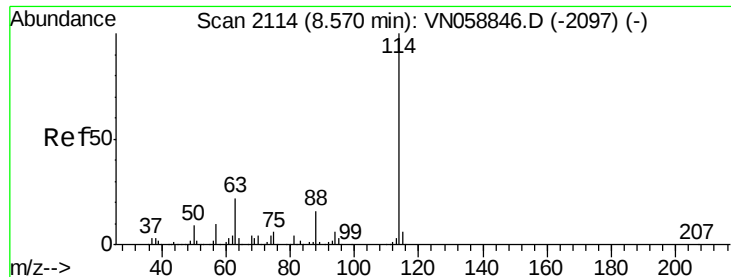
#33
1,2-Dichloroethane-d4
Concen: 52.937 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN058874.D
Acq: 21 Oct 2019 9:59

Tgt Ion: 65 Resp: 329010
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.2



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

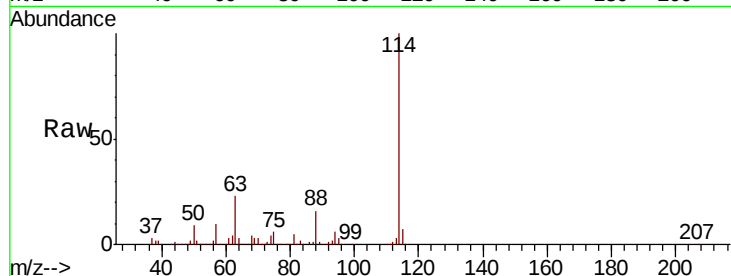




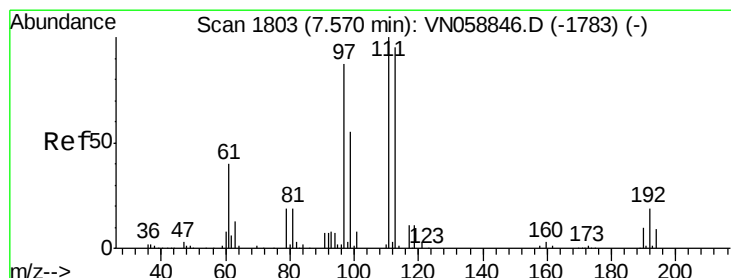
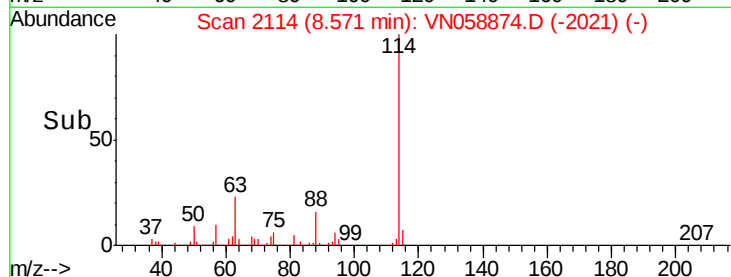
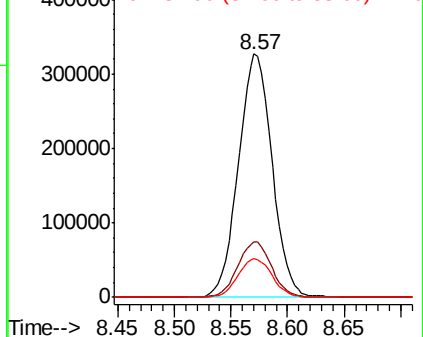
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058874.D
 Acq: 21 Oct 2019 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.4
88	15.9	0.0	31.4

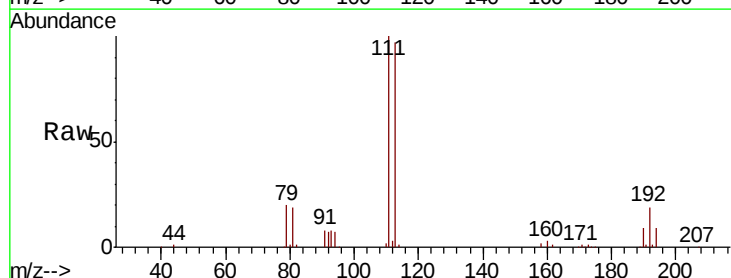


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

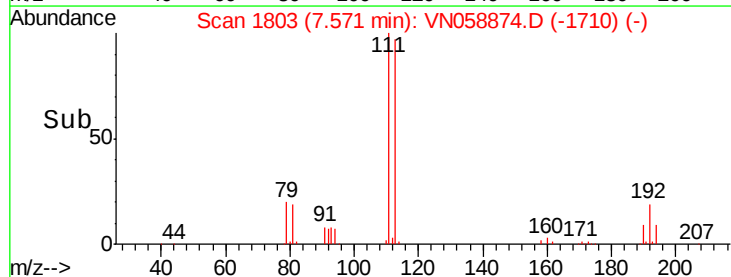
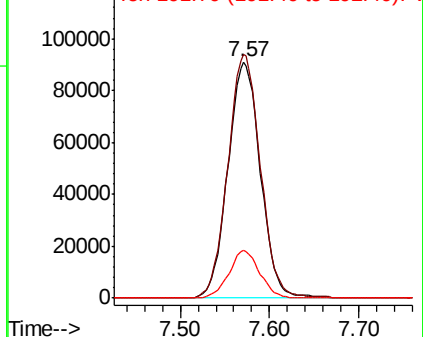


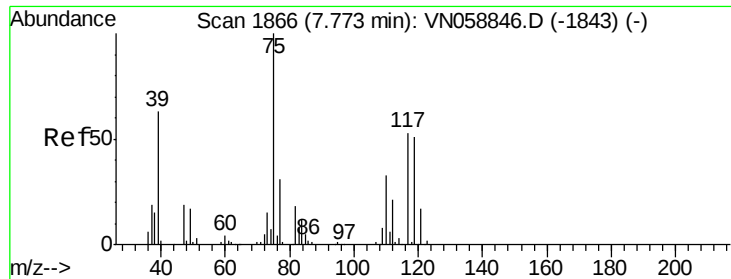
#35
 Dibromofluoromethane
 Concen: 51.542 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058874.D
 Acq: 21 Oct 2019 9:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
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

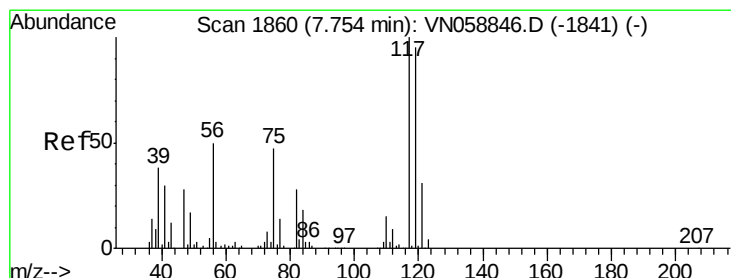
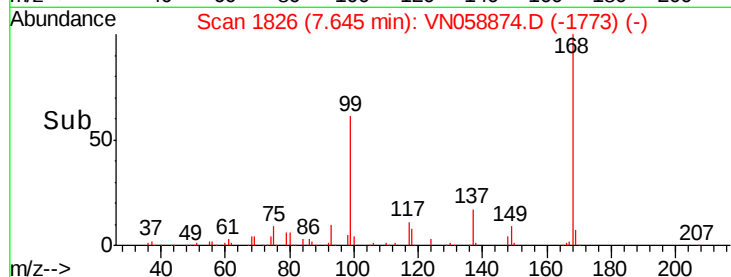
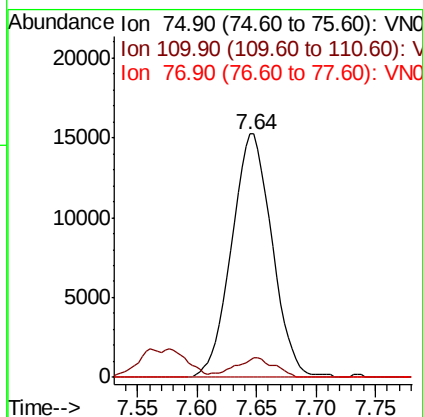
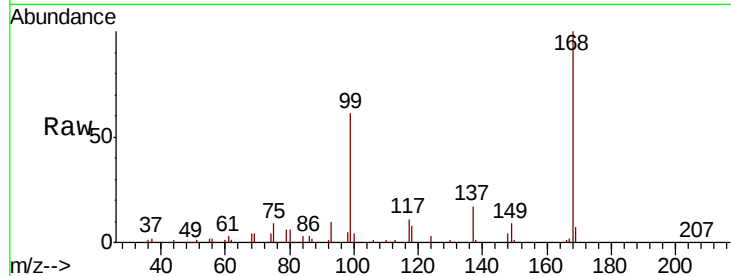




#36
 1,1-Dichloropropene
 Concen: 5.179 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN058874.D
 Acq: 21 Oct 2019 9:59

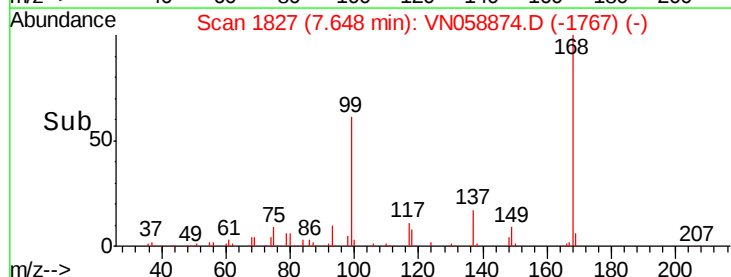
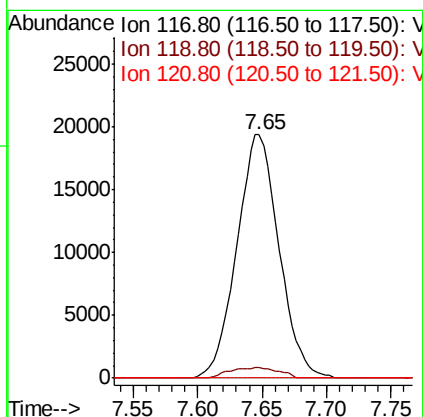
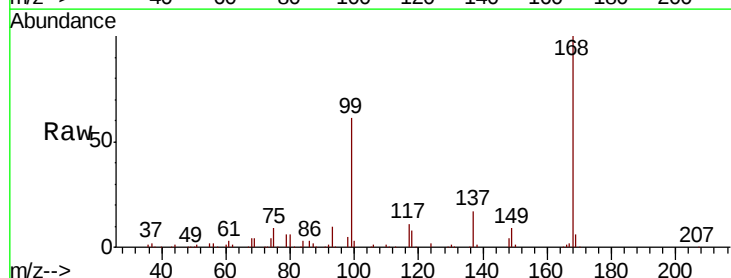
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

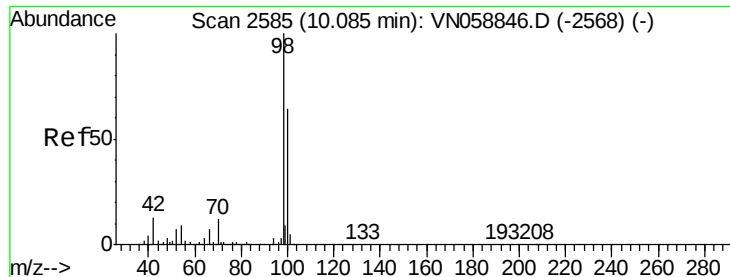
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.3	48.9#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.150 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058874.D
 Acq: 21 Oct 2019 9:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.7	113.5#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 51.429 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058874.D

Acq: 21 Oct 2019 9:59

Instrument :

MSVOA_N

ClientSampled :

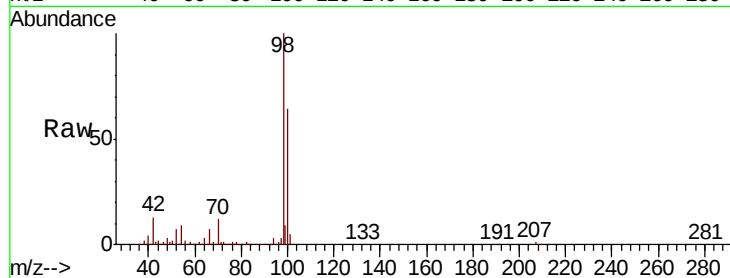
VN1021WBL01

Tot Ion: 98 Resp: 890958

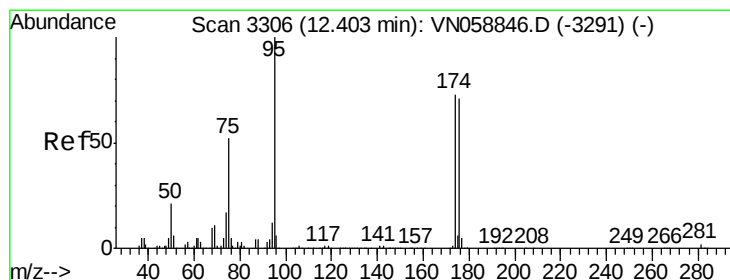
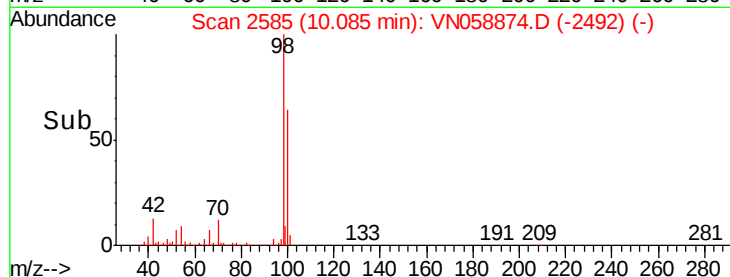
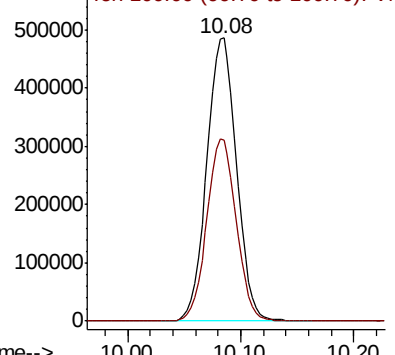
Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058874.D (-2492) (-)



#62

4-Bromofluorobenzene

Concen: 45.482 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058874.D

Acq: 21 Oct 2019 9:59

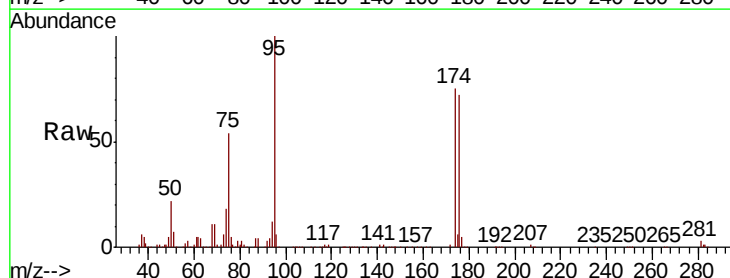
Tgt Ion: 95 Resp: 289349

Ion Ratio Lower Upper

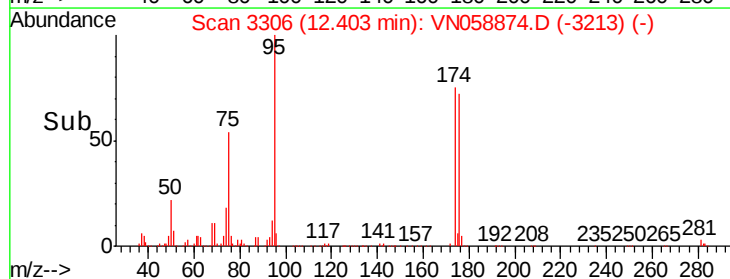
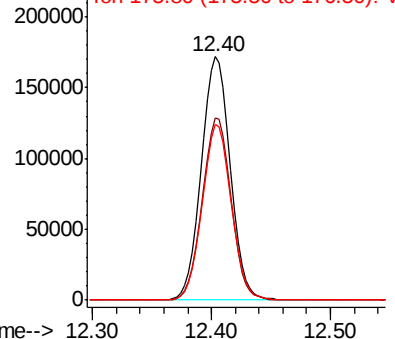
95 100

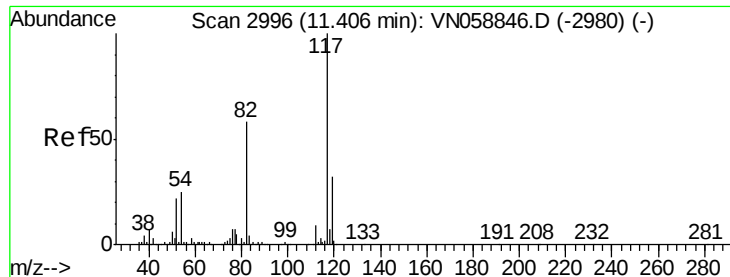
174 74.9 0.0 147.6

176 72.6 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058874.D (-3213) (-)

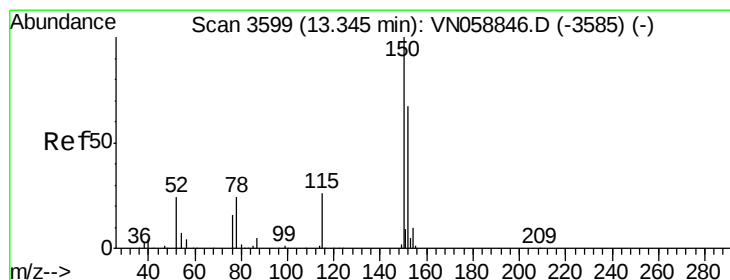
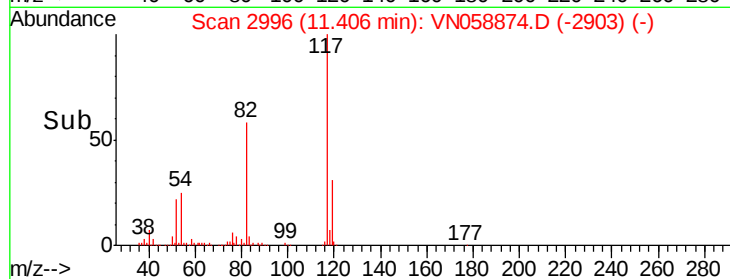
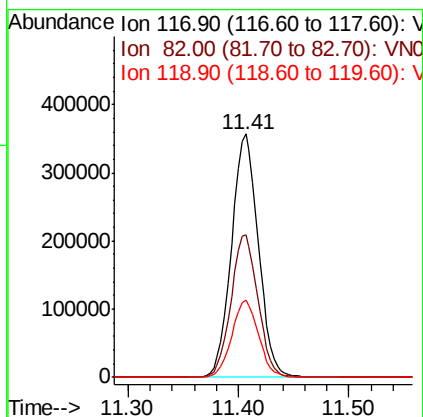
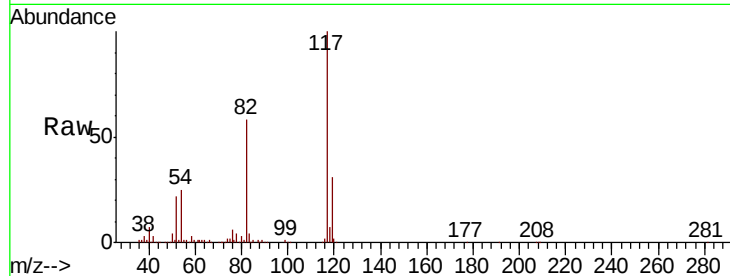




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058874.D
Acq: 21 Oct 2019 9:59

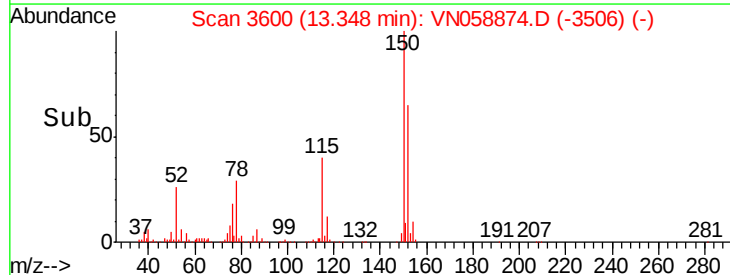
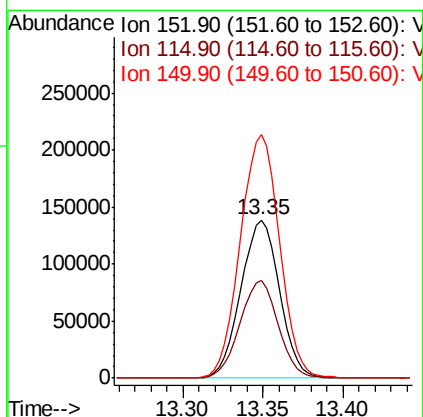
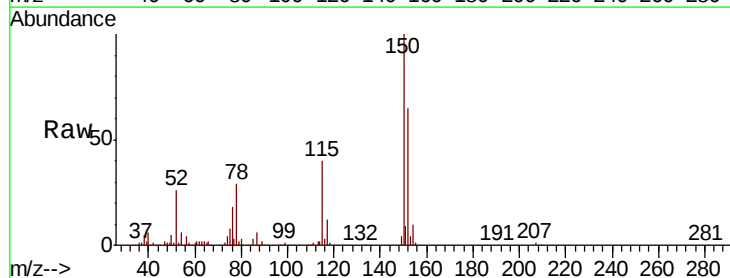
Instrument :
MSVOA_N
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VN1021WBL01

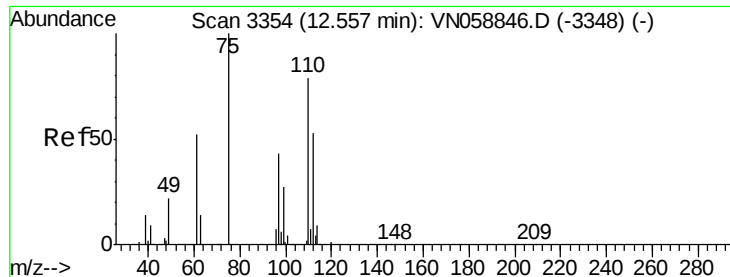
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.6	69.8
119	31.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058874.D
Acq: 21 Oct 2019 9:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.5	91.5
150	156.8	0.0	344.4





#76

1,2,3-Trichloropropane

Concen: 29.145 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058874.D

Acq: 21 Oct 2019 9:59

Instrument :

MSVOA_N

ClientSampleId :

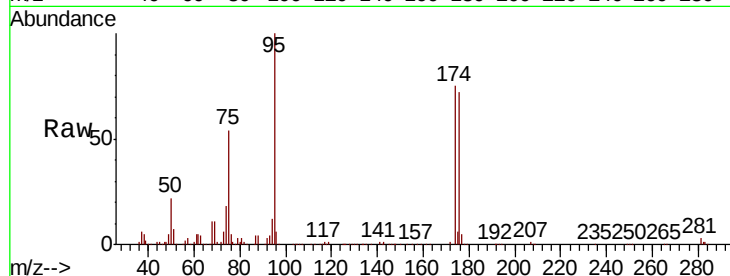
VN1021WBL01

Tot Ion: 75 Resp: 154906

Ion Ratio Lower Upper

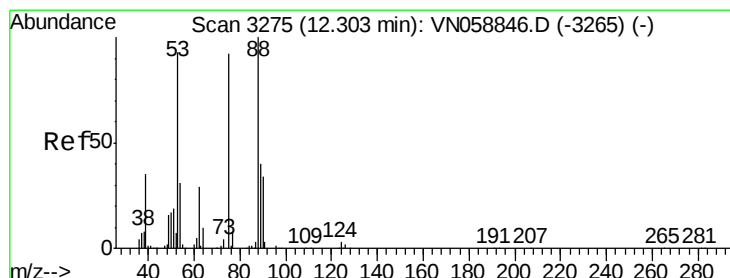
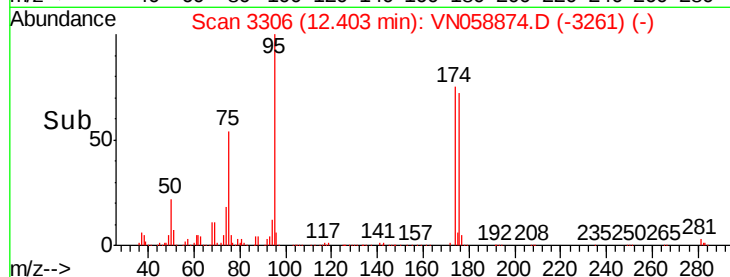
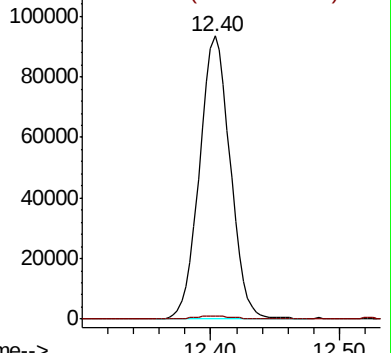
75 100

77 1.4 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: 75.925 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058874.D

Acq: 21 Oct 2019 9:59

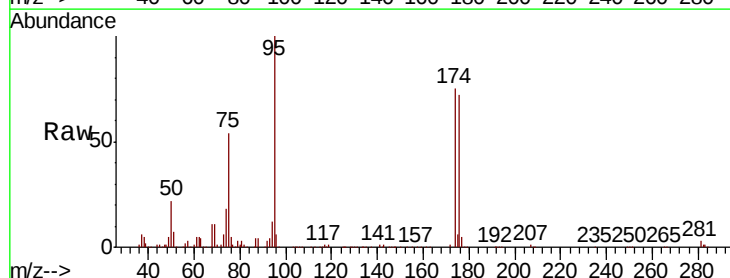
Tgt Ion: 75 Resp: 154906

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

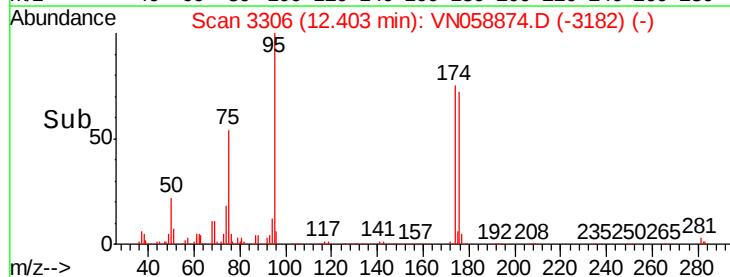
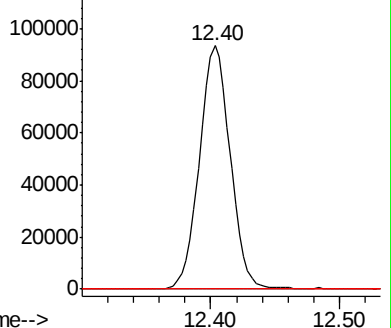
89 0.0 35.4 53.0#

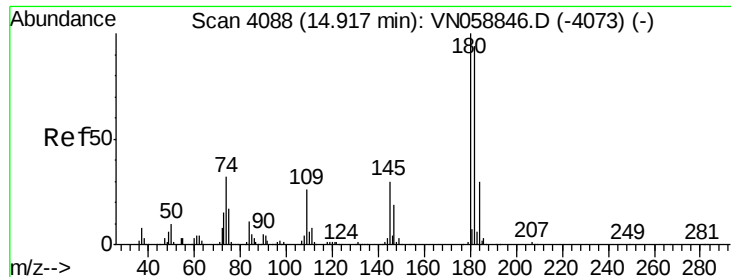


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

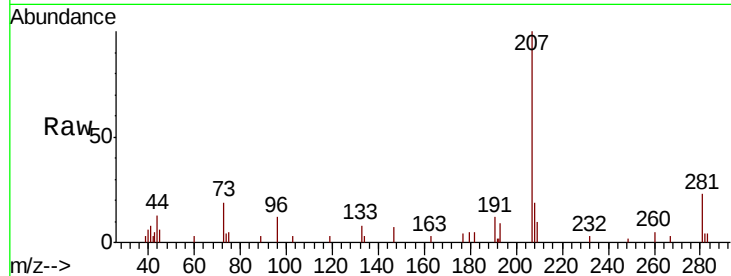




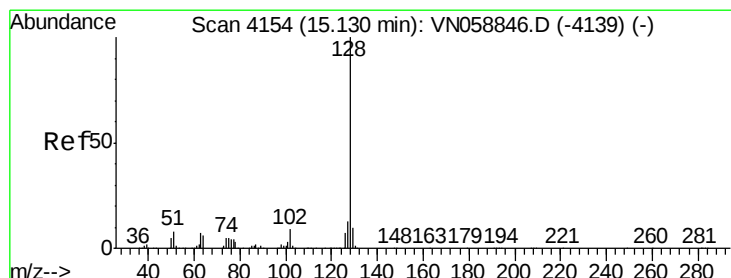
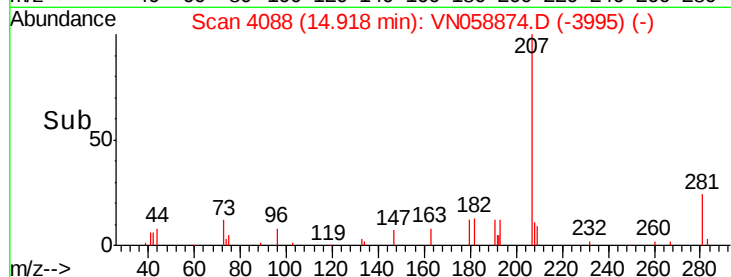
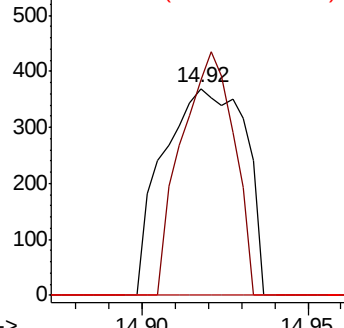
#93
 1,2,4-Trichlorobenzene
 Concen: 2.653 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058874.D
 Acq: 21 Oct 2019 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

Tot Ion:180 Resp: 638
 Ion Ratio Lower Upper
 180 100
 182 75.1 47.3 142.0
 145 0.0 15.3 45.8#

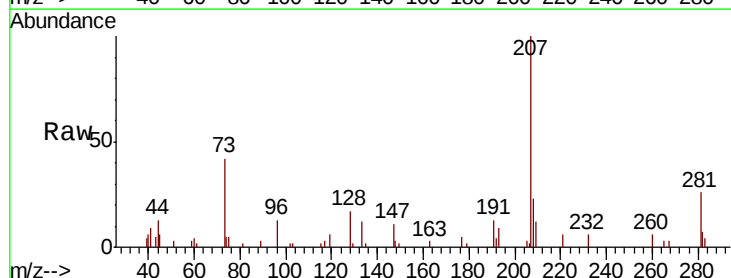


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

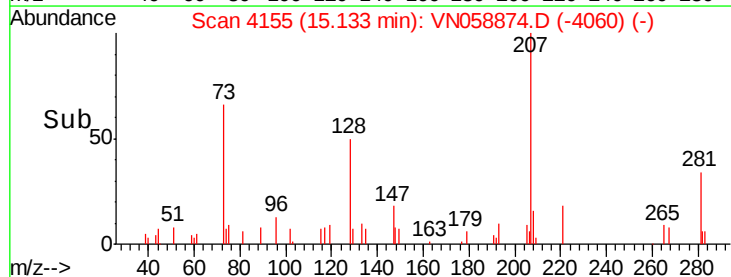
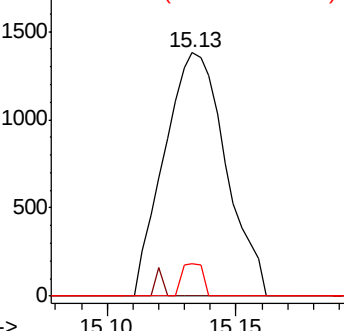


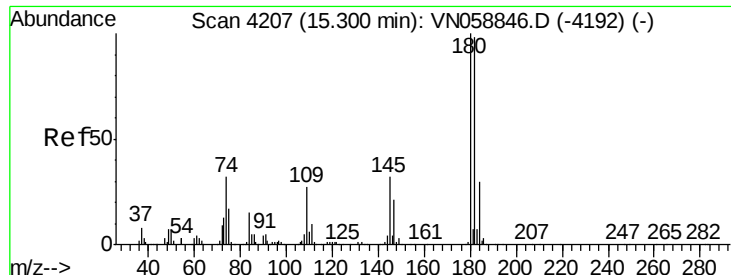
#95
 Naphthalene
 Concen: 2.392 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN058874.D
 Acq: 21 Oct 2019 9:59

Tgt Ion:128 Resp: 2291
 Ion Ratio Lower Upper
 128 100
 127 1.4 10.2 15.2#
 129 4.5 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: 2.577 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.01 min
 Lab File: VN058874.D
 Acq: 21 Oct 2019 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

Tot Ion:	180	Resp:	854
Ion	Ratio	Lower	Upper
180	100		
182	71.7	47.9	143.7
145	26.5	15.9	47.7

