

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051146.D
 Acq On : 12 Sep 2018 12:31
 Operator : MD\SY
 Sample : PB112767ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767ZHE#02

Quant Time: Sep 13 07:18:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	589692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	958847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245944	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	368305	56.12	ug/l	0.00
Spiked Amount			Recovery	=	112.24%	
35) Dibromofluoromethane	7.59	113	355474	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	10.09	98	1288054	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	12.40	95	336191	37.17	ug/l	0.00
Spiked Amount			Recovery	=	74.34%	

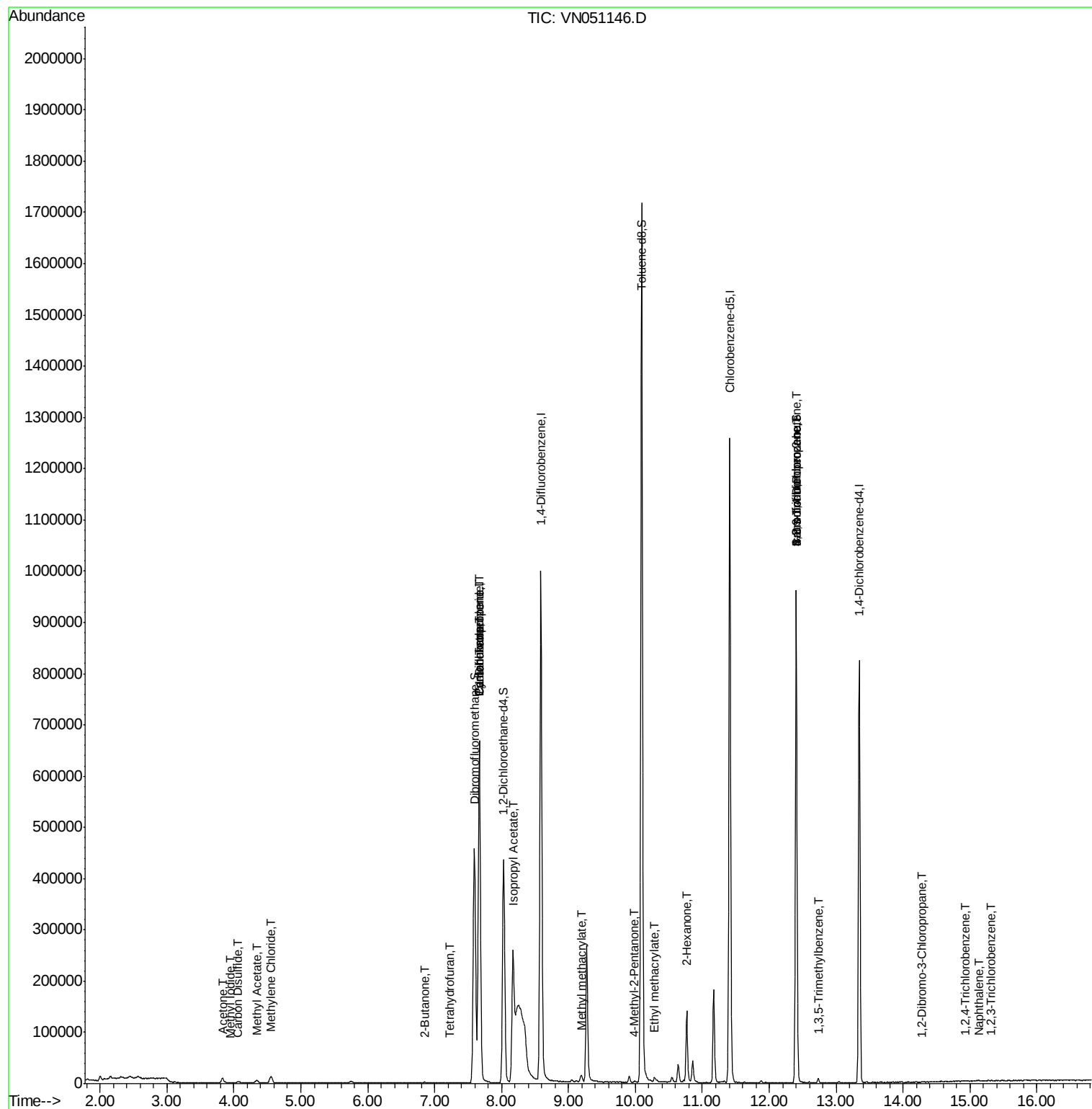
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2582	Below Cal		92
5) Bromomethane	2.57	94	2332	Below Cal		99
10) Methyl Iodide	3.94	142	151	5.65	ug/l #	44
16) Acetone	3.83	43	15859	4.03	ug/l	98
17) Carbon Disulfide	4.05	76	2916	0.27	ug/l #	76
18) Methyl Acetate	4.34	43	10738	2.04	ug/l #	84
20) Methylene Chloride	4.55	84	10355	1.43	ug/l	98
25) 2-Butanone	6.85	43	1305	0.51	ug/l	96
29) Tetrahydrofuran	7.23	42	872	0.54	ug/l #	42
31) Cyclohexane	7.67	56	9541	0.66	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38462	3.65	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51928	5.01	ug/l #	17
43) Isopropyl Acetate	8.17	43	365902	34.01	ug/l #	80
48) Methyl methacrylate	9.18	41	8547	1.63	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	1843	0.31	ug/l	99
56) Ethyl methacrylate	10.28	69	164	2.47	ug/l #	1
59) 2-Hexanone	10.77	43	19490	4.83	ug/l #	56
71) Bromoform	12.40	173	1474	0.29	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	153871	40.06	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4071	0.24	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	153871	118.82	ug/l #	16
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29	0.70	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	305	4.05	ug/l #	29
95) Naphthalene	15.13	128	699	5.41	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	199	2.99	ug/l #	22

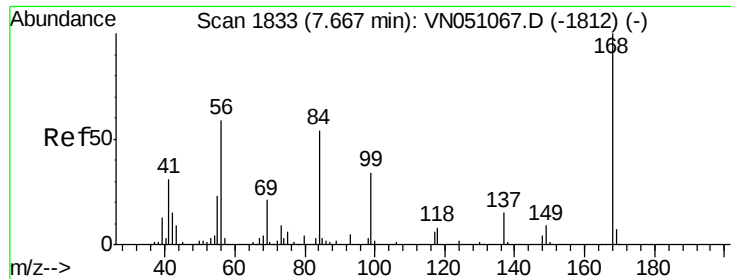
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091218\
Data File : VN051146.D
Acq On : 12 Sep 2018 12:31
Operator : MD\SY
Sample : PB112767ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#02

Quant Time: Sep 13 07:18:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

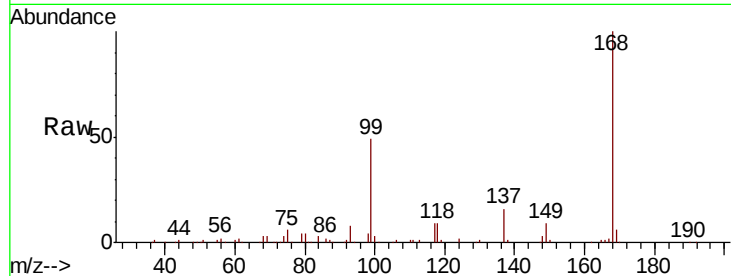
PB112767ZHE#02

Tot Ion:168 Resp: 589692

Ion Ratio Lower Upper

168 100

99 49.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.67

250000

200000

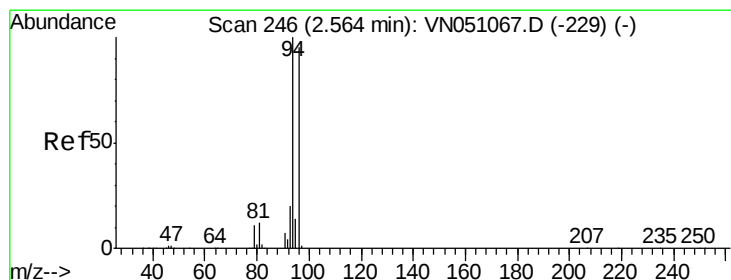
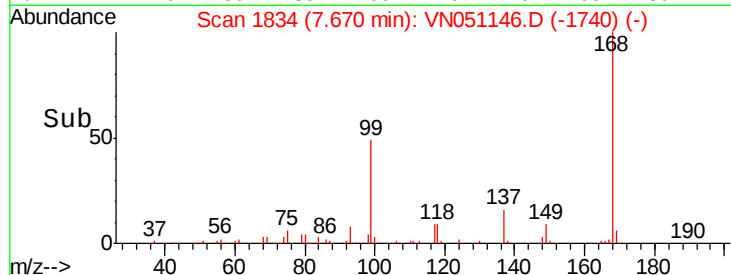
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051146.D

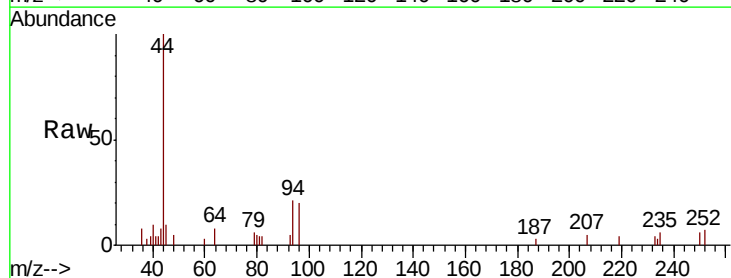
Acq: 12 Sep 2018 12:31

Tgt Ion: 94 Resp: 2332

Ion Ratio Lower Upper

94 100

96 95.4 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051067.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051067.D (-229) (-)

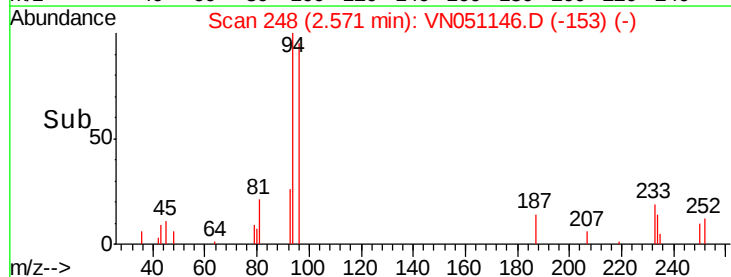
2.57

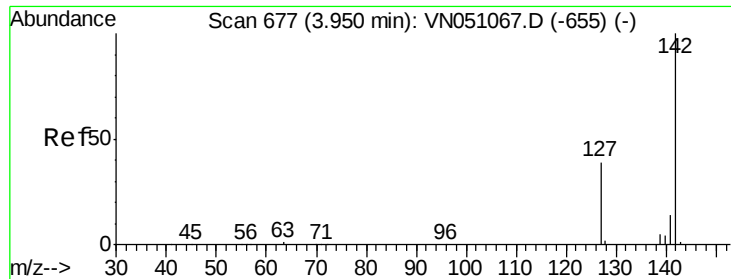
1000

500

0

Time-->

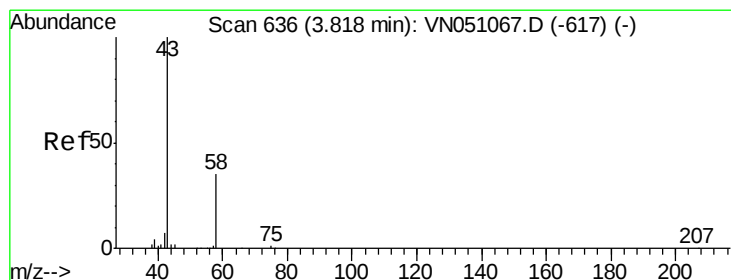
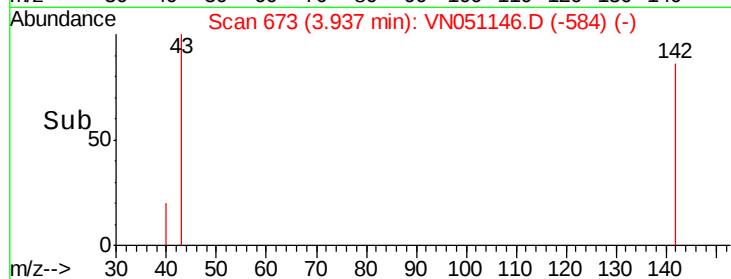
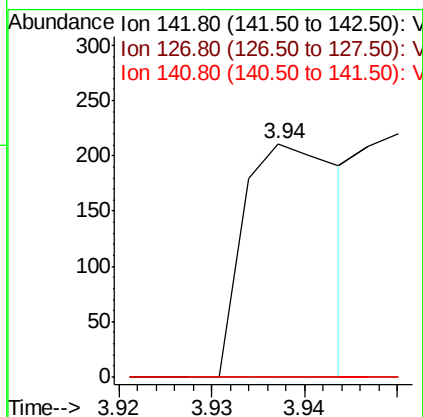
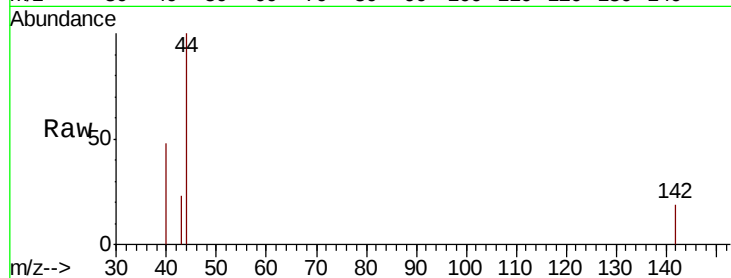




#10
Methvl Iodide
Concen: 5.65 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.01 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

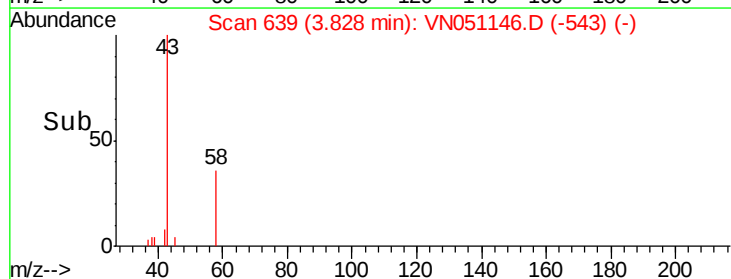
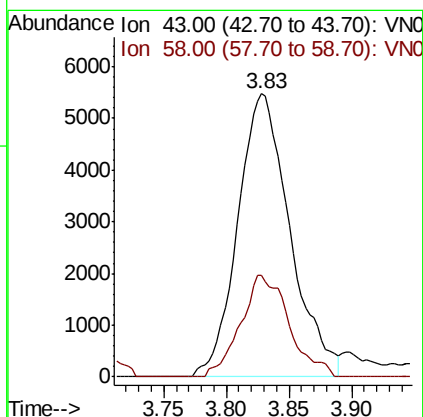
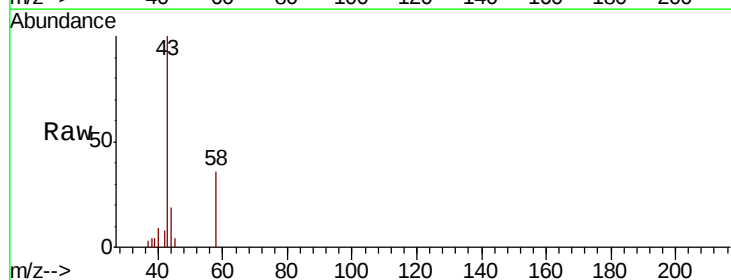
Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#02

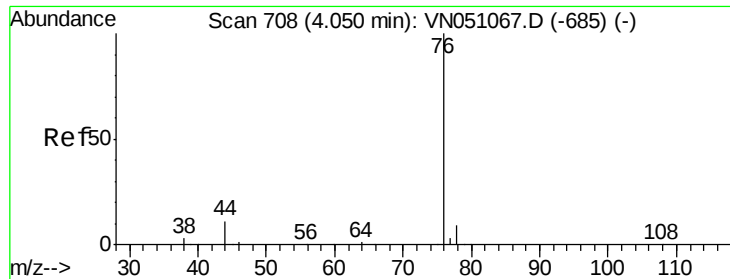
Tot Ion:142 Resp: 151
Ion Ratio Lower Upper
142 100
127 0.0 31.0 46.4#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 4.03 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Tgt Ion: 43 Resp: 15859
Ion Ratio Lower Upper
43 100
58 35.7 27.8 41.6

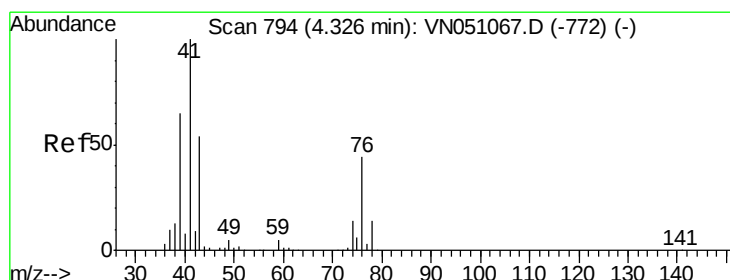
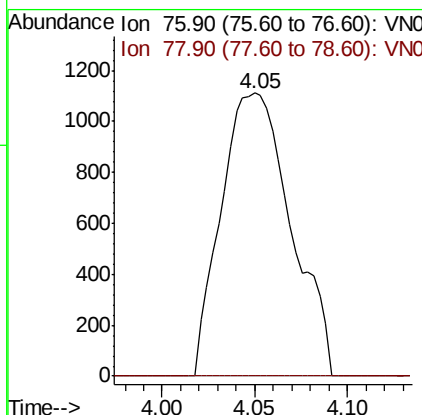
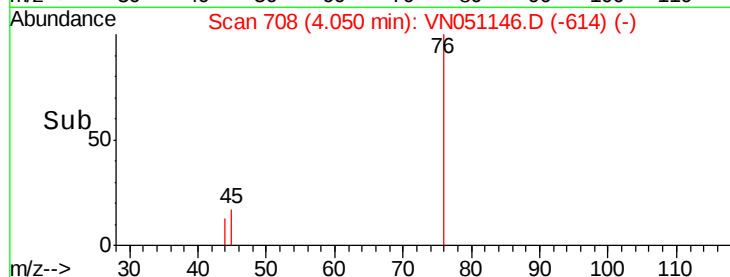
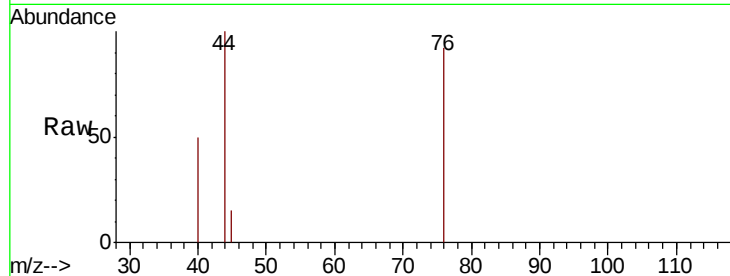




#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

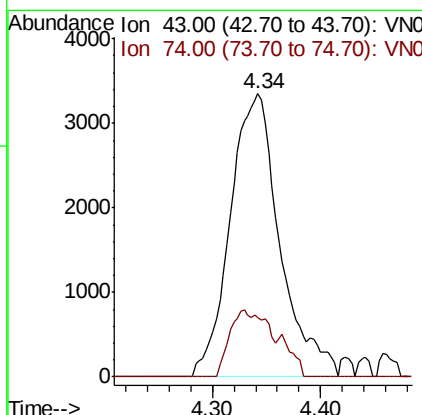
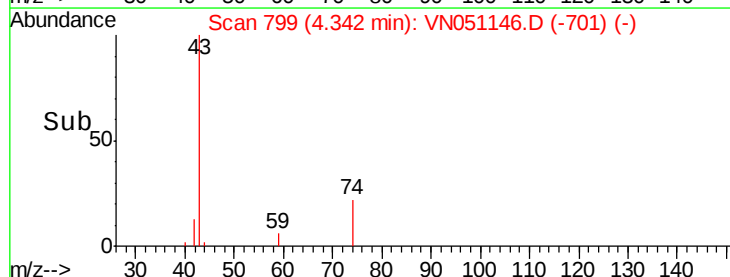
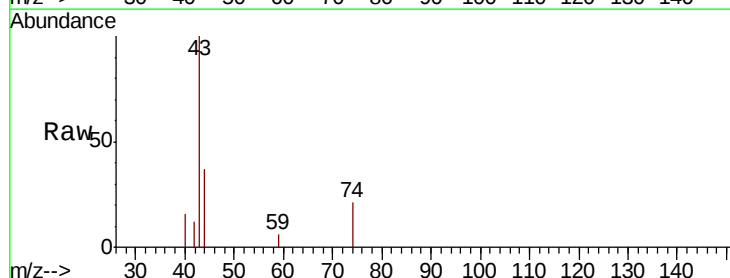
Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#02

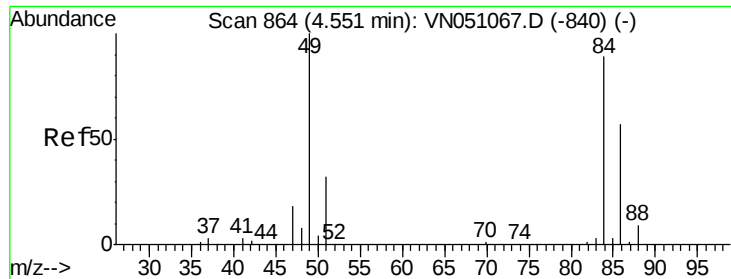
Tot Ion: 76 Resp: 2916
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 2.04 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Tgt Ion: 43 Resp: 10738
Ion Ratio Lower Upper
43 100
74 18.0 20.7 31.1#

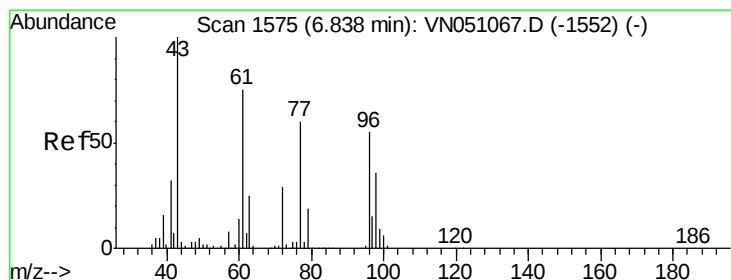
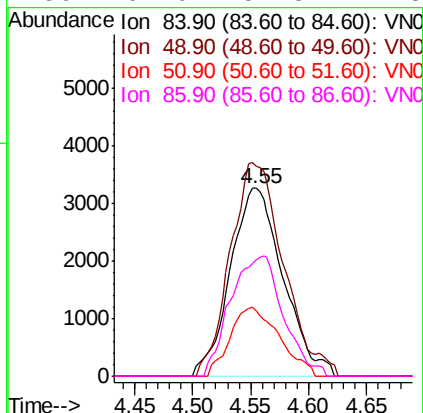
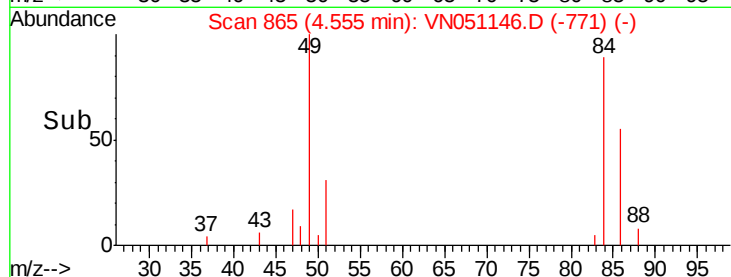
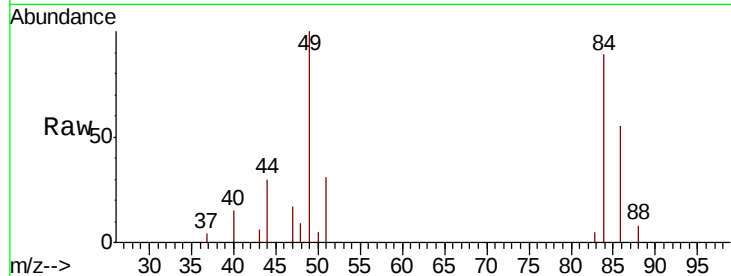




#20
Methvlene Chloride
Concen: 1.43 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

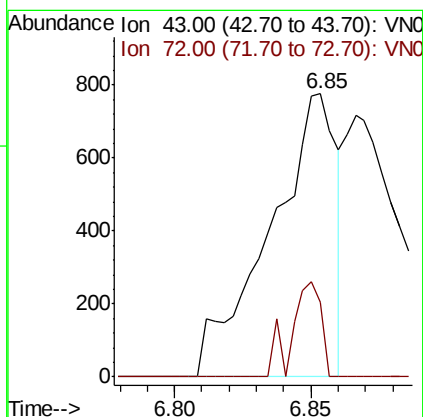
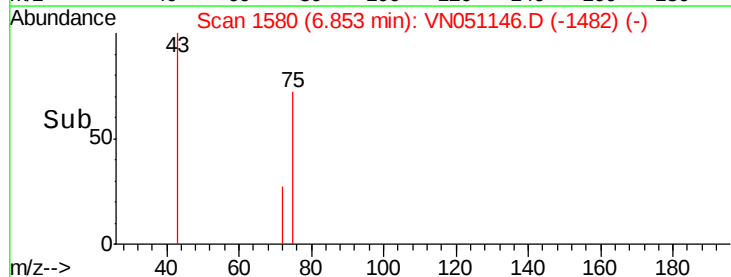
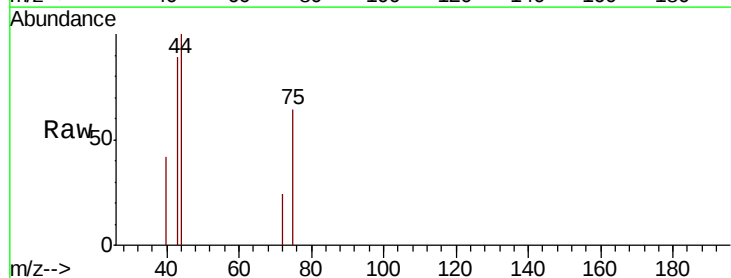
Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#02

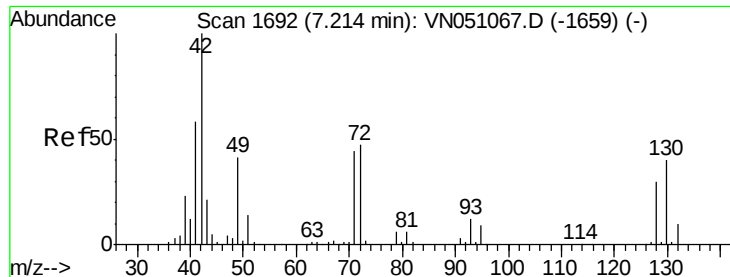
Tot Ion:	84	Resp:	10355
Ion	Ratio	Lower	Upper
84	100		
49	111.9	90.2	135.2
51	34.8	28.4	42.6
86	62.0	51.8	77.8



#25
2-Butanone
Concen: 0.51 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Tgt Ion:	43	Resp:	1305
Ion	Ratio	Lower	Upper
43	100		
72	26.5	23.0	34.6





#29

Tetrahydrofuran

Concen: 0.54 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB112767ZHE#02

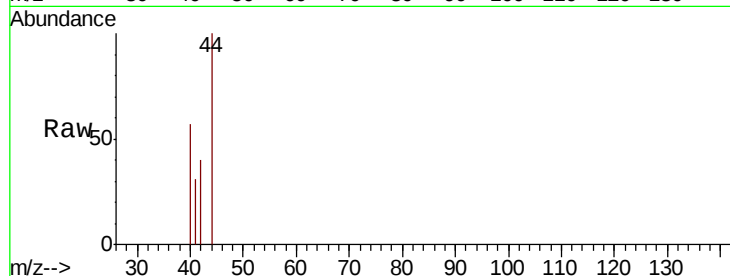
Tot Ion: 42 Resp: 872

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.0#

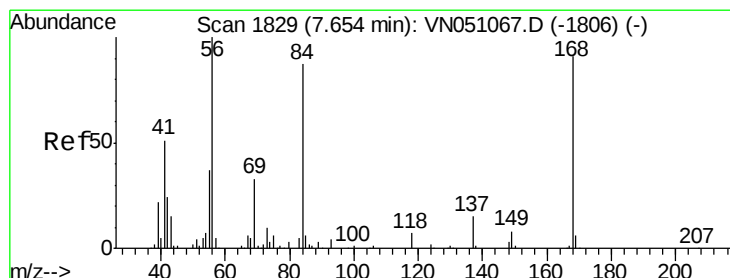
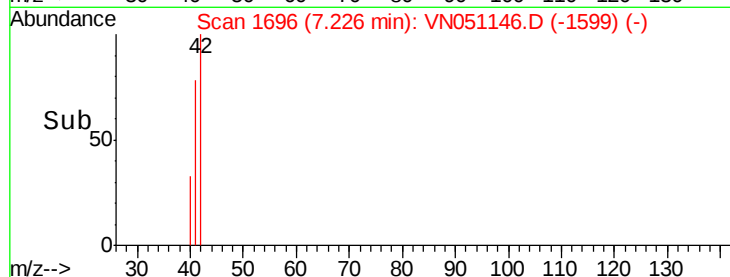
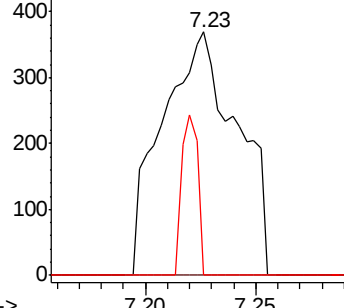
71 14.3 34.7 52.1#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.66 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

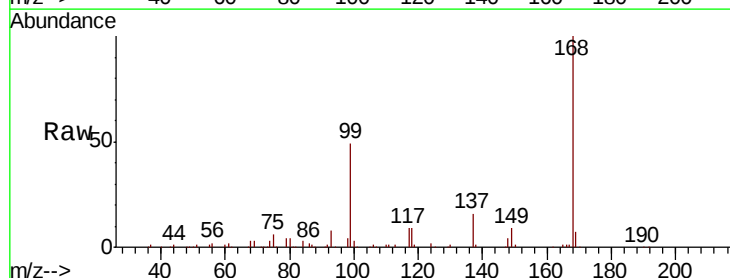
Tgt Ion: 56 Resp: 9541

Ion Ratio Lower Upper

56 100

69 199.4 26.3 39.5#

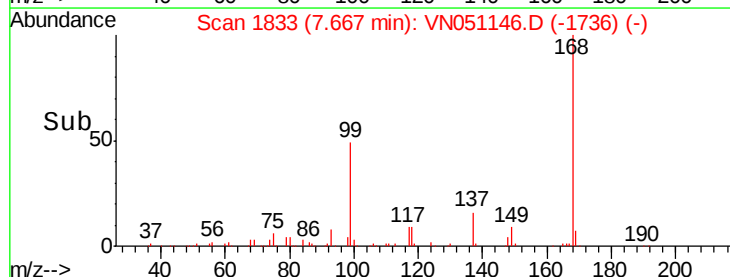
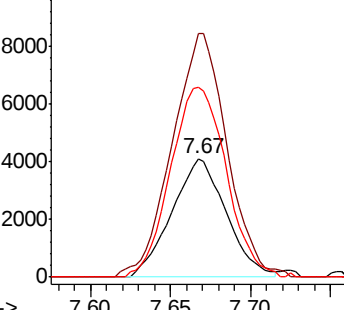
84 160.6 69.4 104.0#

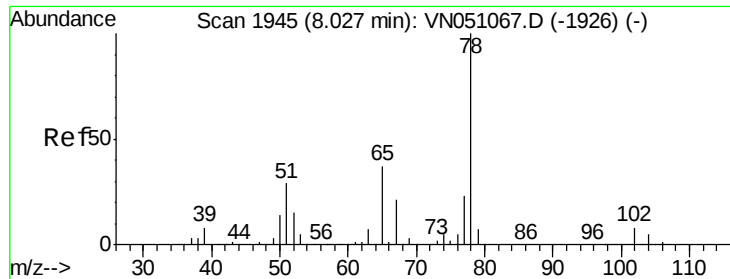


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

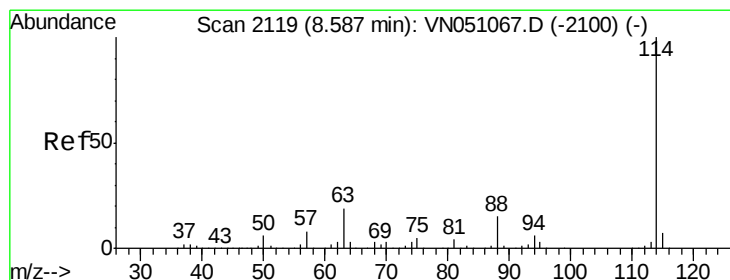
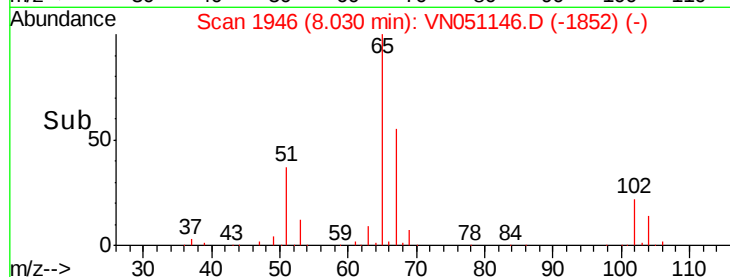
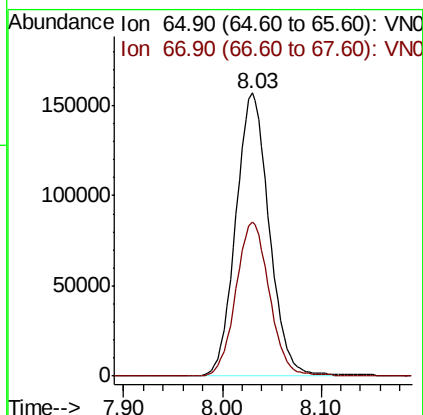
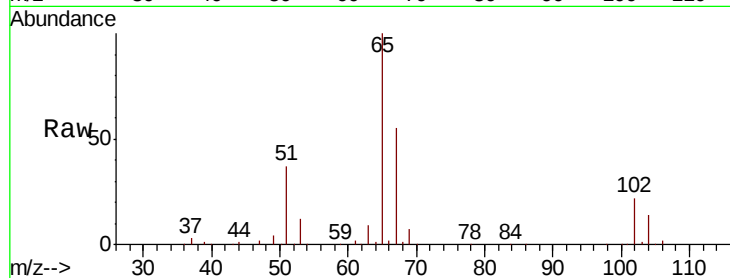




#33
 1,2-Dichloroethane-d4
 Concen: 56.12 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051146.D
 Acq: 12 Sep 2018 12:31

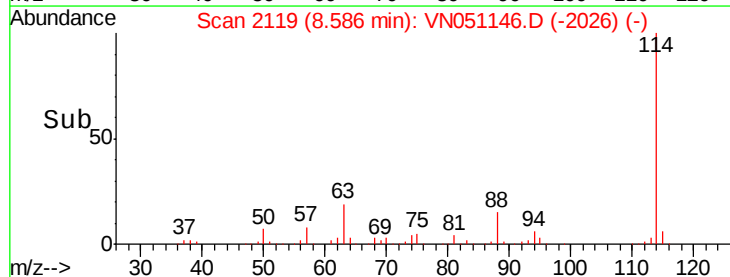
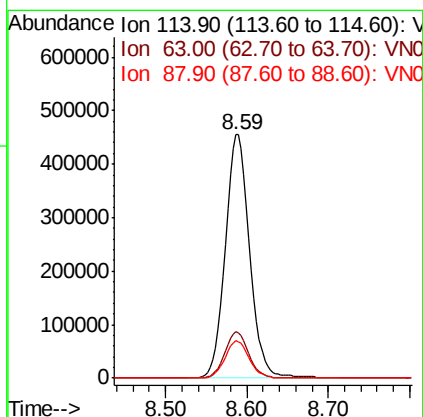
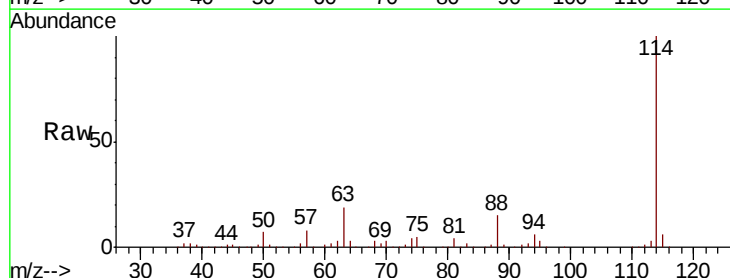
Instrument :
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 PB112767ZHE#02

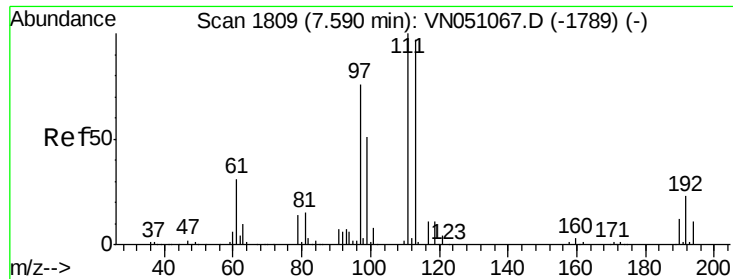
Tot Ion: 65 Resp: 368305
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051146.D
 Acq: 12 Sep 2018 12:31

Tgt Ion: 114 Resp: 958847
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.3 0.0 30.8

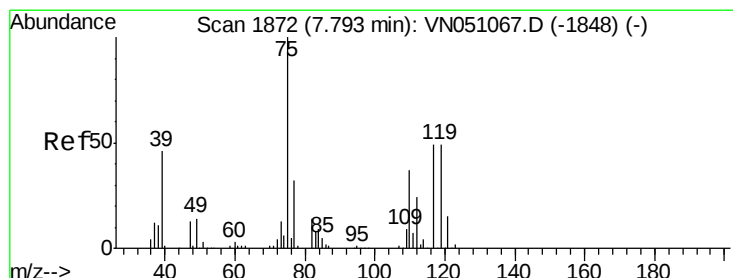
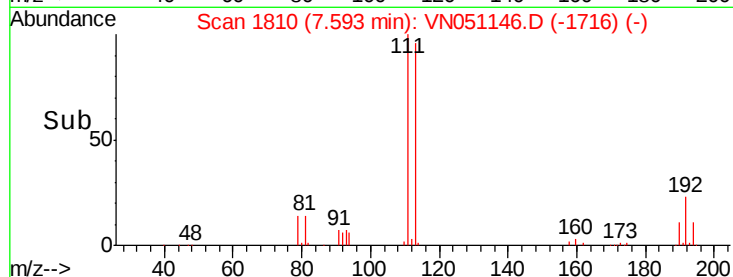
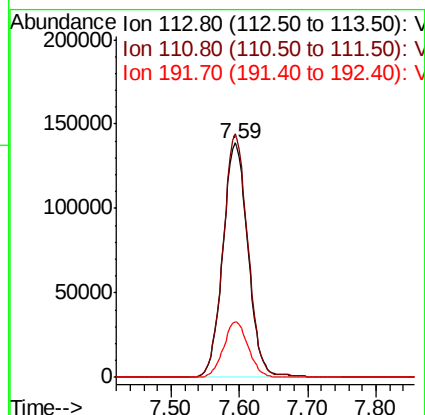
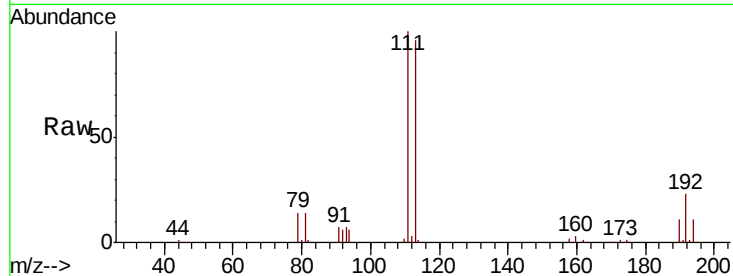




#35
 Dibromofluoromethane
 Concen: 49.34 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051146.D
 Acq: 12 Sep 2018 12:31

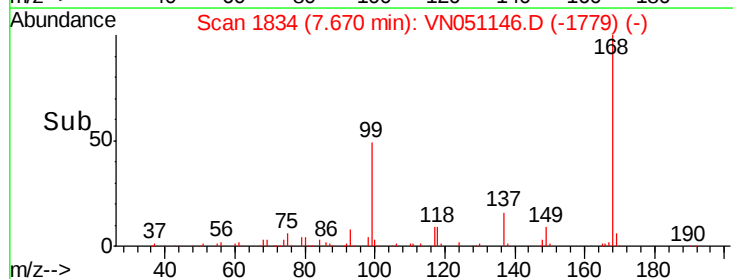
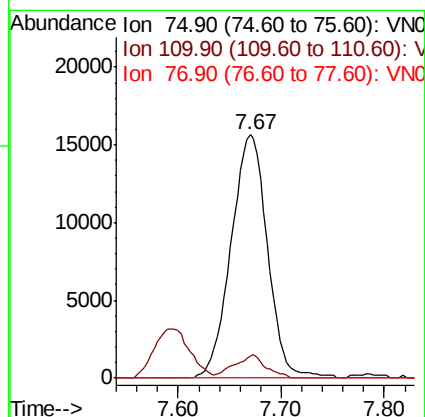
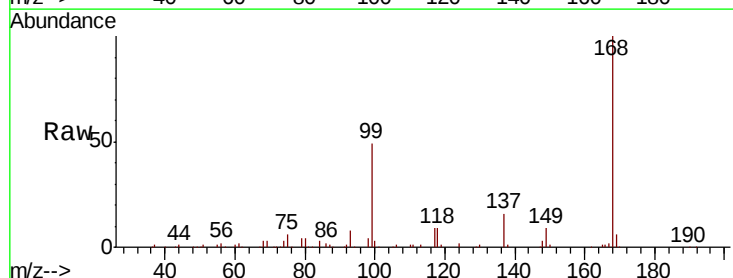
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767ZHE#02

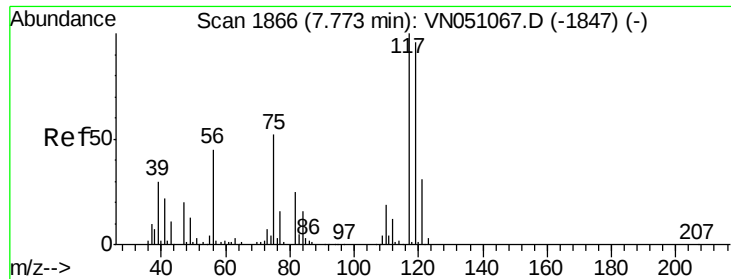
Tot Ion:113 Resp: 355474
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.6
 192 23.2 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 3.65 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN051146.D
 Acq: 12 Sep 2018 12:31

Tgt Ion: 75 Resp: 38462
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.6 55.8#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.01 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB112767ZHE#02

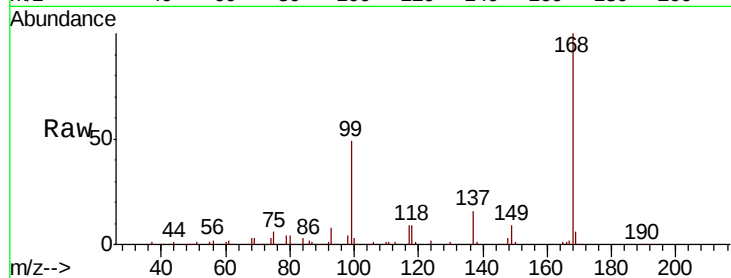
Tot Ion:117 Resp: 51928

Ion Ratio Lower Upper

117 100

119 6.8 76.8 115.2#

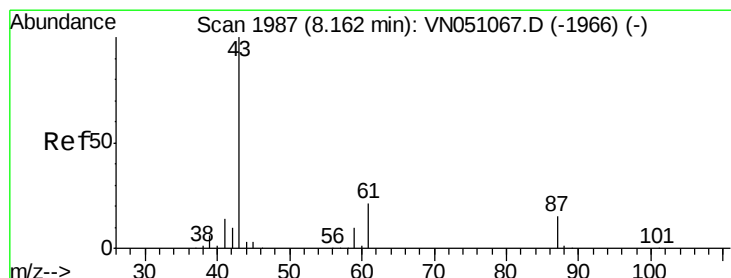
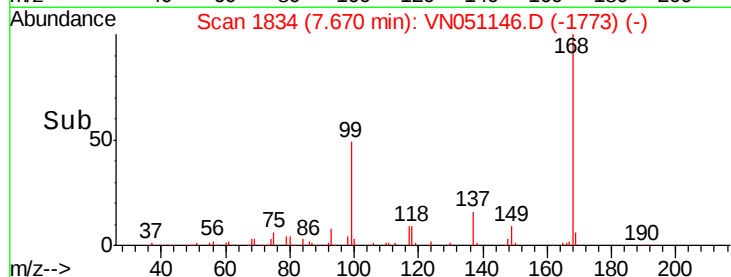
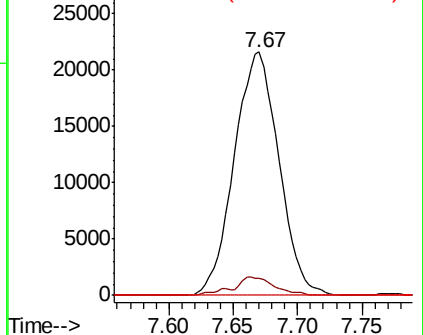
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 34.01 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

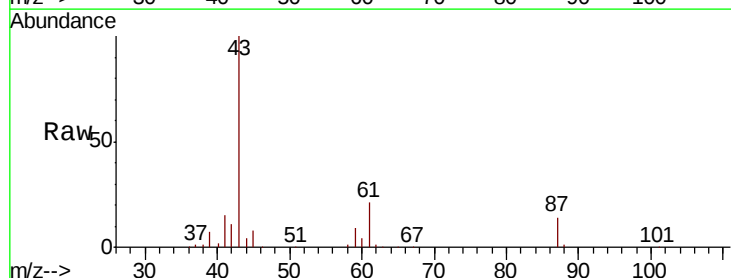
Tgt Ion: 43 Resp: 365902

Ion Ratio Lower Upper

43 100

61 17.6 25.0 37.6#

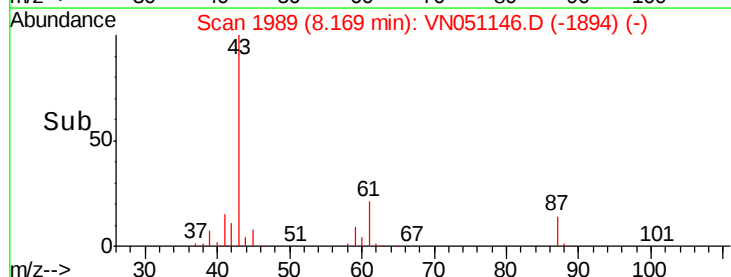
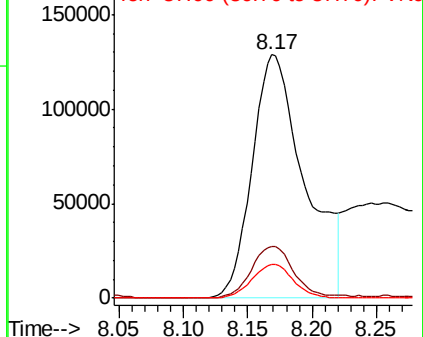
87 11.1 11.8 17.8#

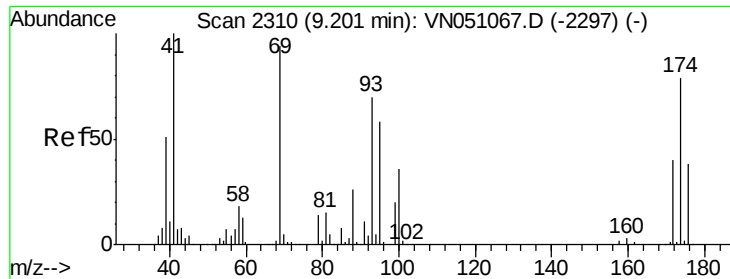


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

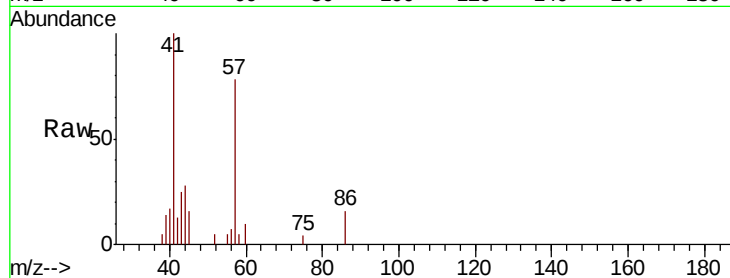




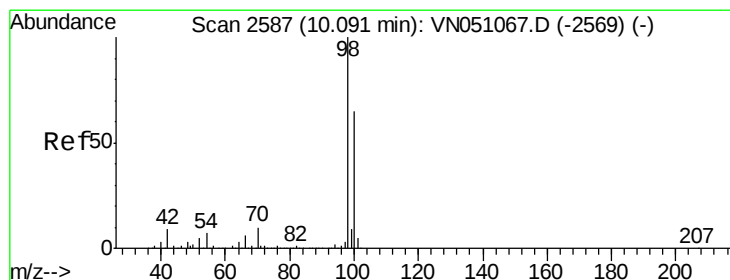
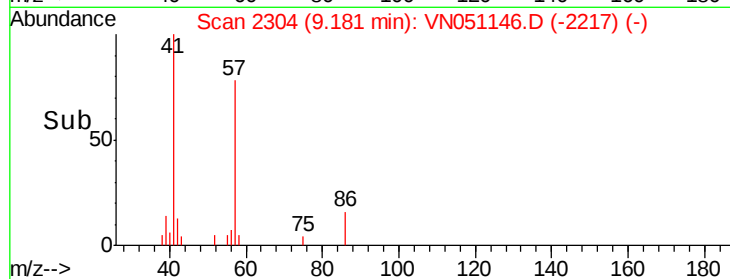
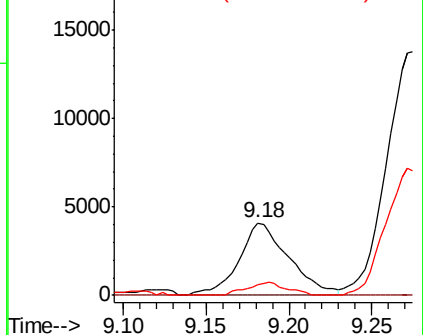
#48
Methvl methacrylate
Concen: 1.63 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#02

Tot Ion: 41 Resp: 8547
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 14.2 41.6 62.4#

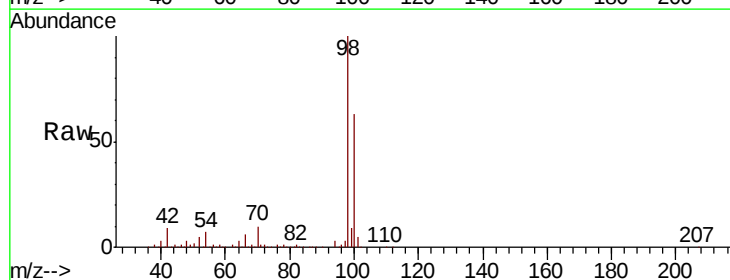


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

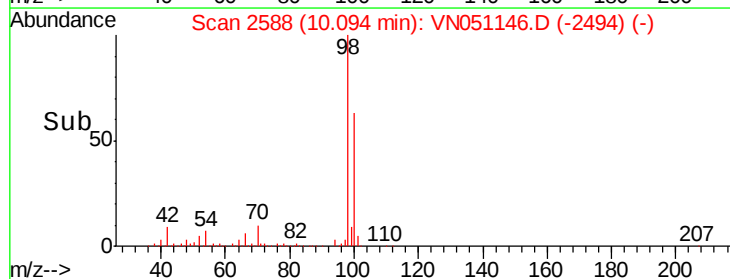
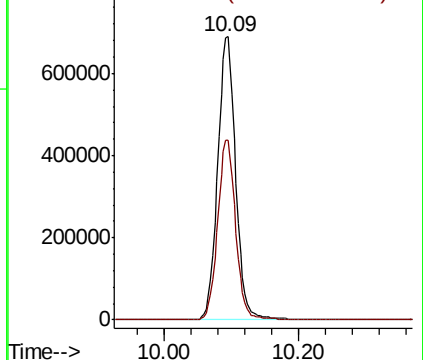


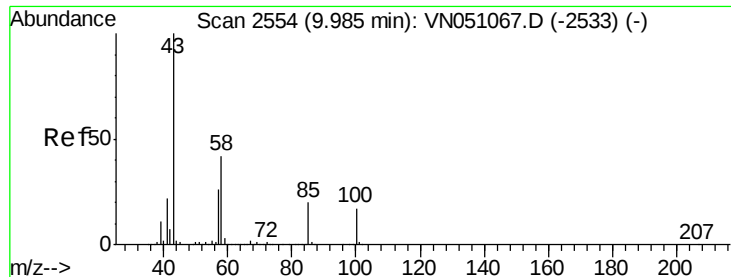
#50
Toluene-d8
Concen: 47.11 ug/l
RT: 10.09 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Tgt Ion: 98 Resp: 1288054
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC





#51

4-Methyl-2-pentanone

Concen: 0.31 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

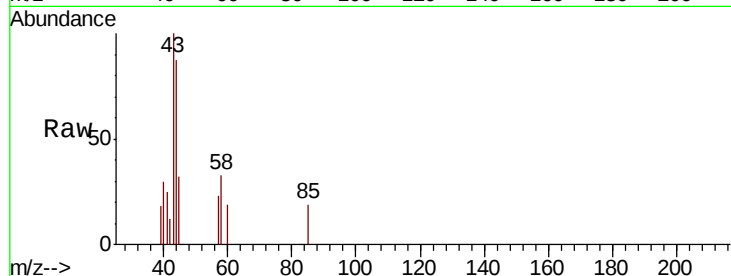
PB112767ZHE#02

Tot Ion: 43 Resp: 1843

Ion Ratio Lower Upper

43 100

58 42.6 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

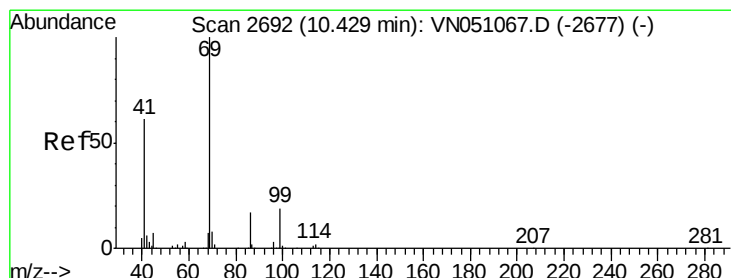
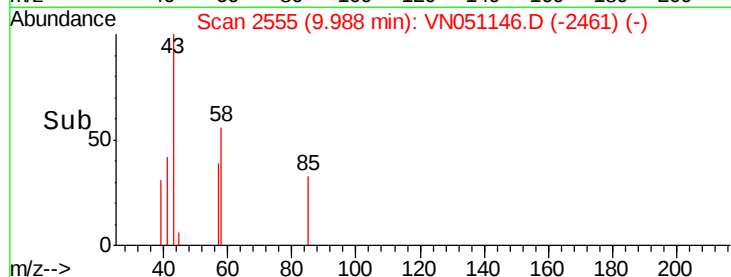
1500

1000

500

0

Time-->



#56

Ethyl methacrylate

Concen: 2.47 ug/l

RT: 10.28 min Scan# 2645

Delta R.T. -0.15 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

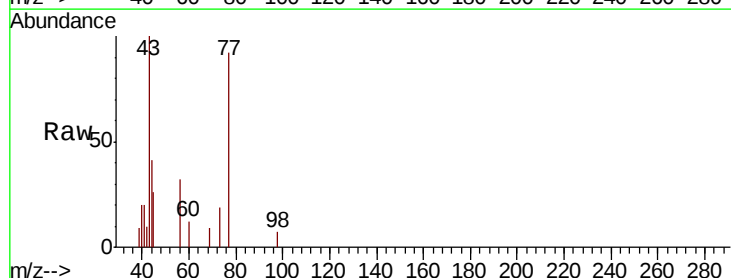
Tgt Ion: 69 Resp: 164

Ion Ratio Lower Upper

69 100

41 189.6 47.8 71.8#

39 142.1 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

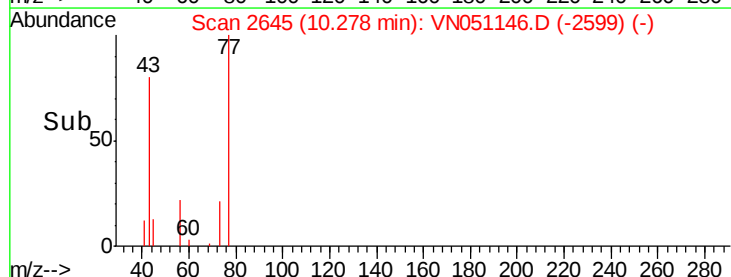
600

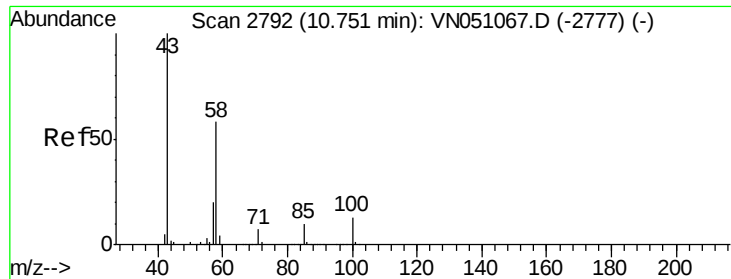
400

200

0

Time-->

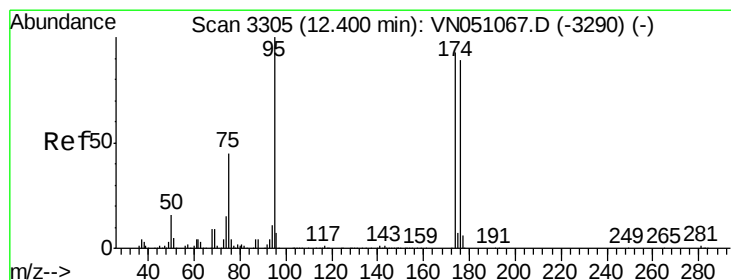
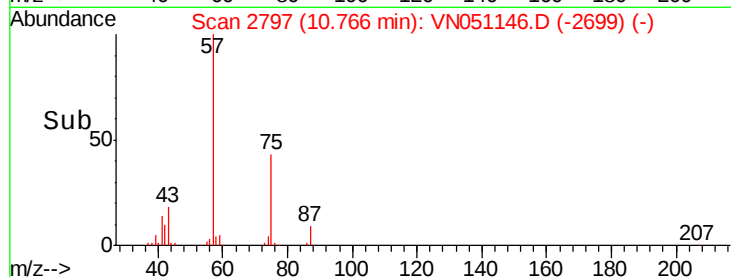
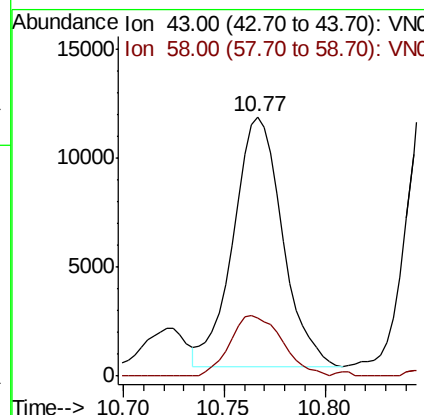
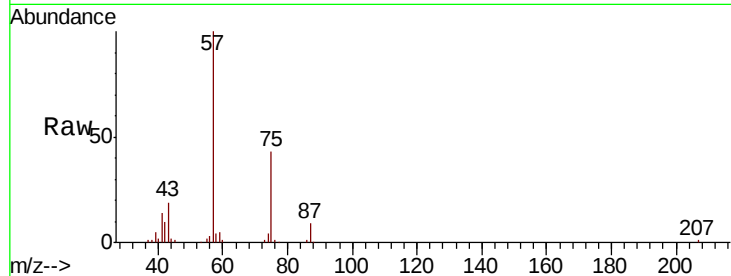




#59
2-Hexanone
Concen: 4.83 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

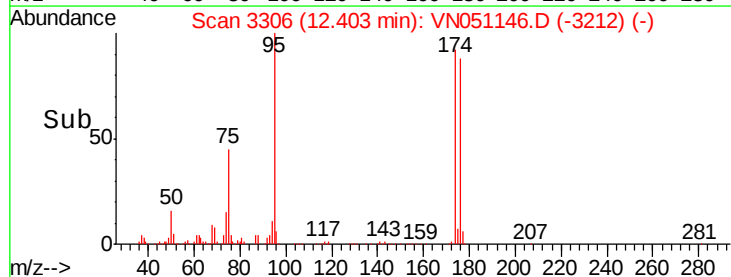
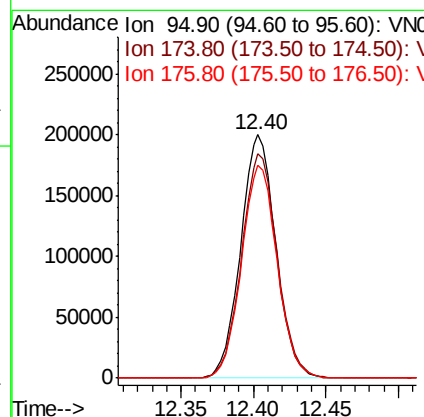
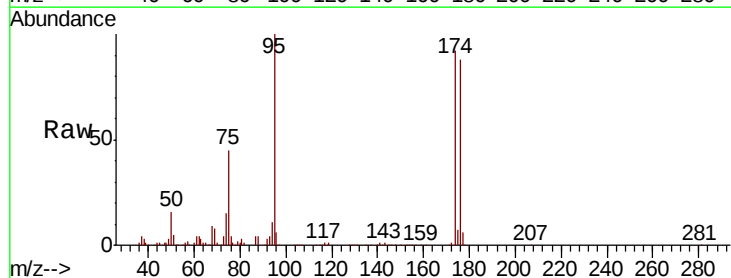
Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#02

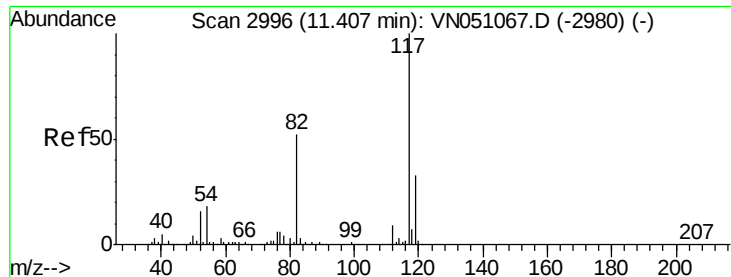
Tot Ion: 43 Resp: 19490
Ion Ratio Lower Upper
43 100
58 25.8 29.3 88.0#



#62
4-Bromofluorobenzene
Concen: 37.17 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Tgt Ion: 95 Resp: 336191
Ion Ratio Lower Upper
95 100
174 93.9 0.0 184.8
176 88.8 0.0 178.6

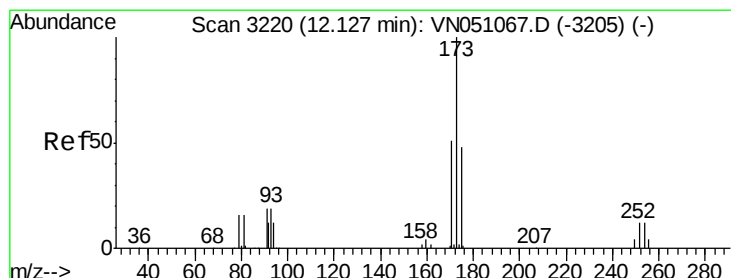
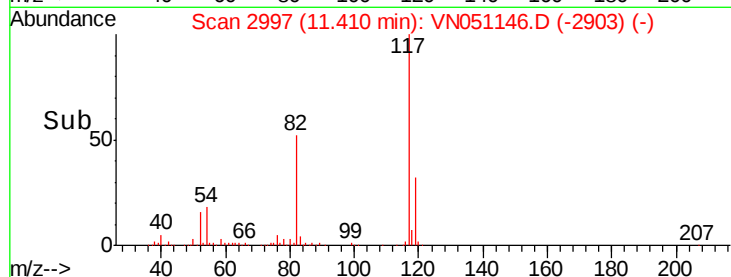
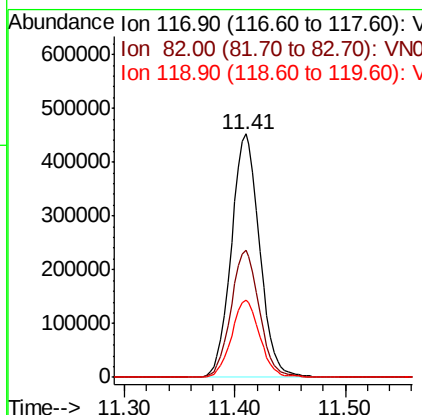
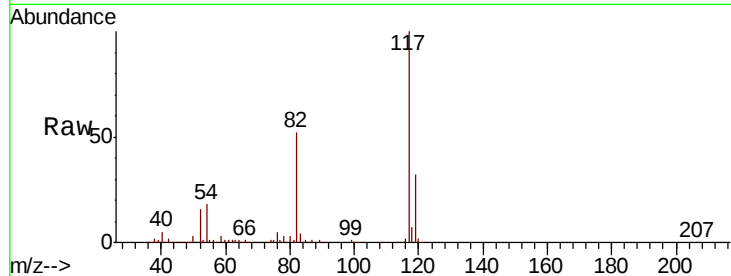




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

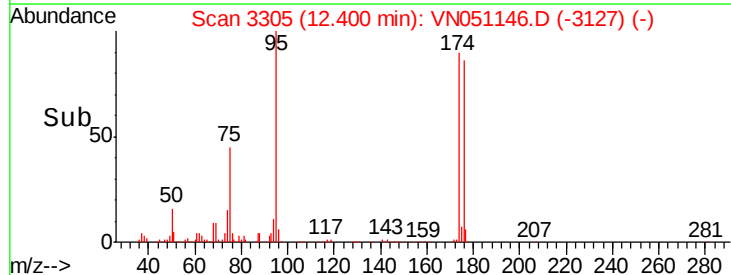
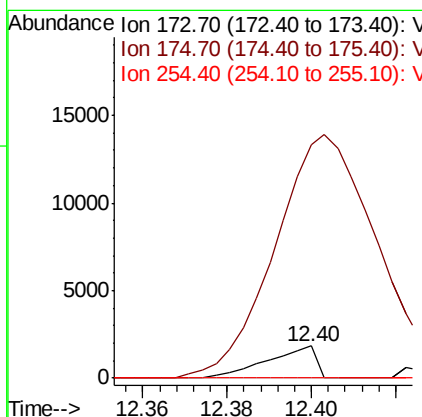
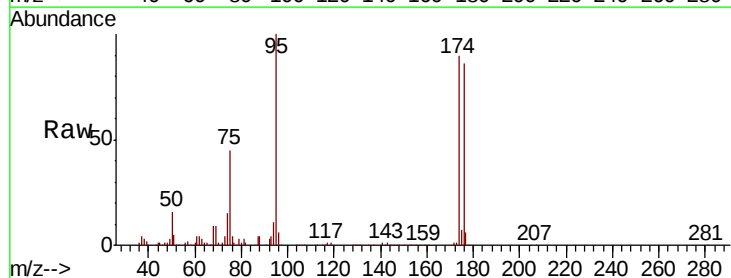
Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#02

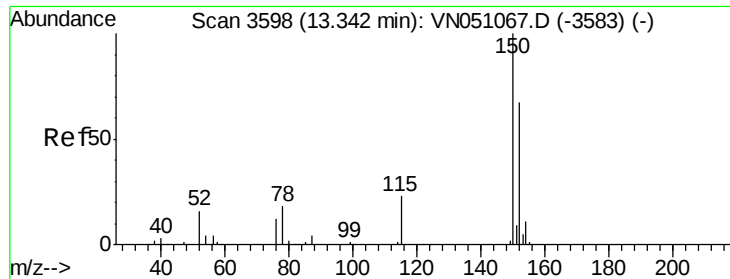
Tot Ion:117 Resp: 803750
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 31.7 26.2 39.2



#71
Bromoform
Concen: 0.29 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN051146.D
Acq: 12 Sep 2018 12:31

Tgt Ion:173 Resp: 1474
Ion Ratio Lower Upper
173 100
175 1298.6 24.3 72.9#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB112767ZHE#02

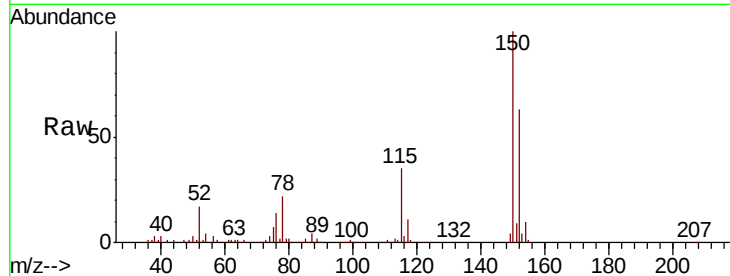
Tot Ion:152 Resp: 245944

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

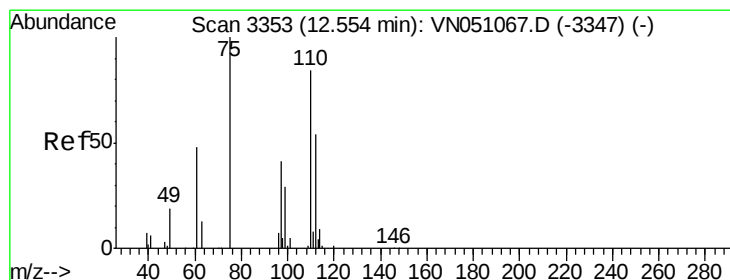
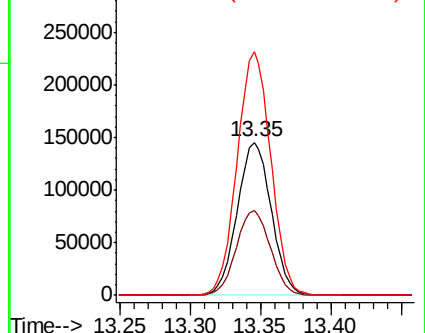
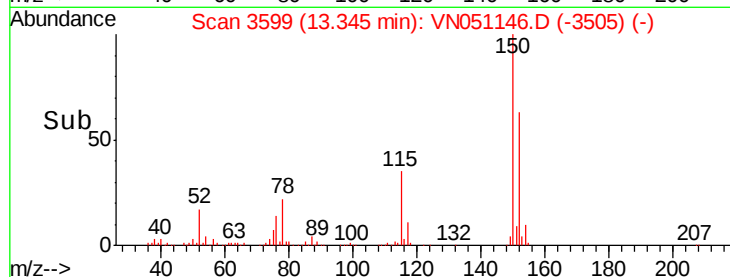
150 157.7 0.0 349.0



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: 40.06 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051146.D

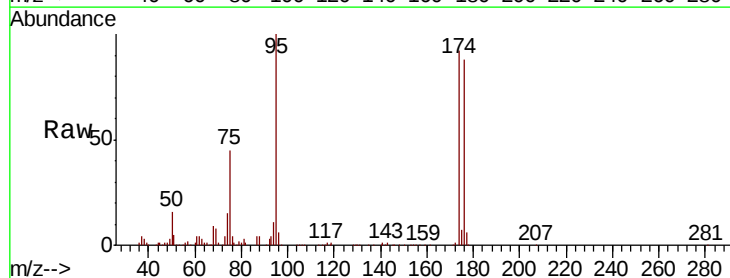
Acq: 12 Sep 2018 12:31

Tgt Ion: 75 Resp: 153871

Ion Ratio Lower Upper

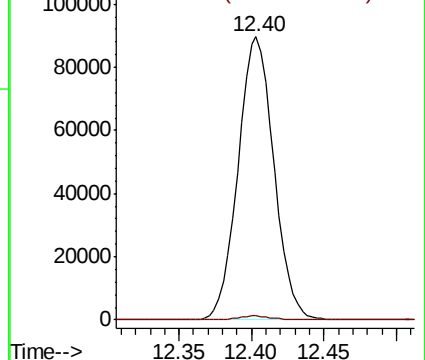
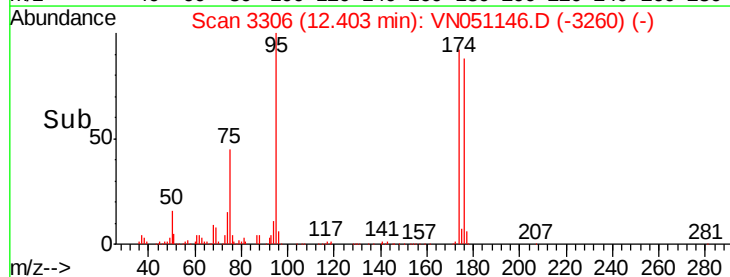
75 100

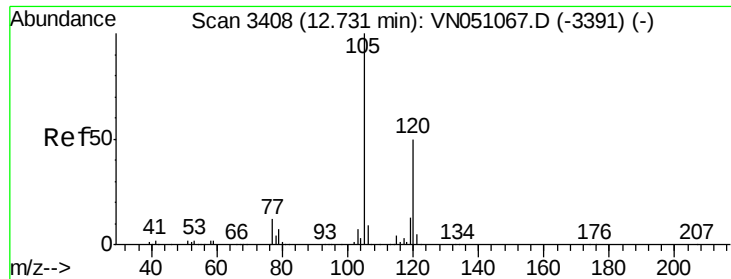
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

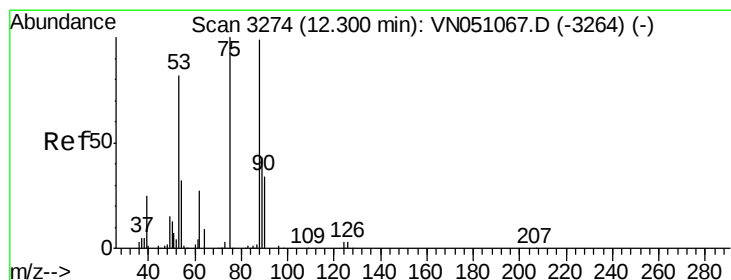
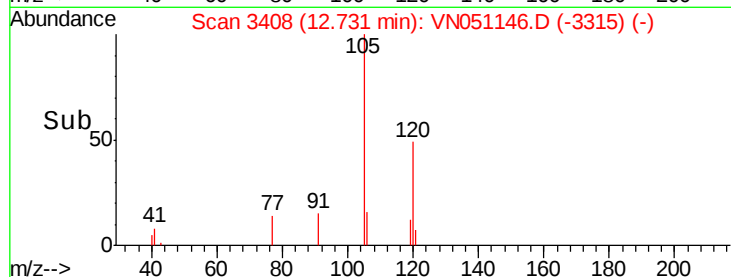
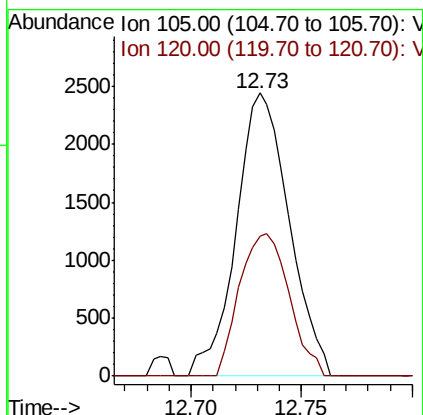
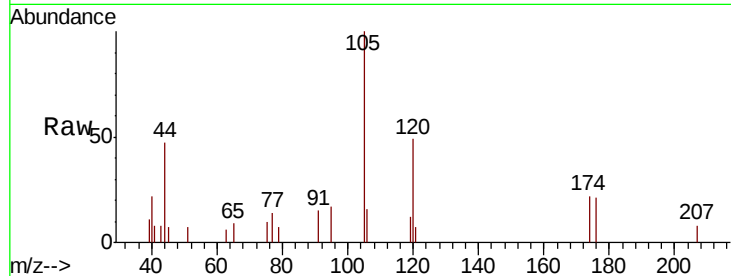




#80
 1,3,5-Trimethylbenzene
 Concen: 0.24 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051146.D
 Acq: 12 Sep 2018 12:31

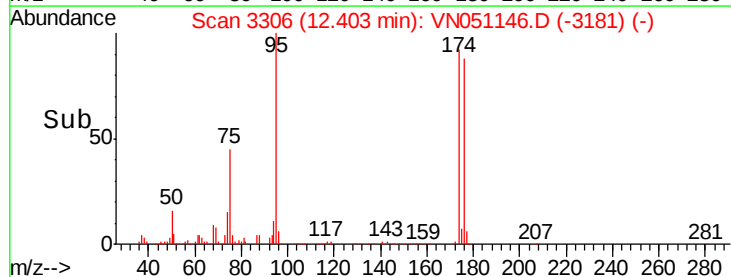
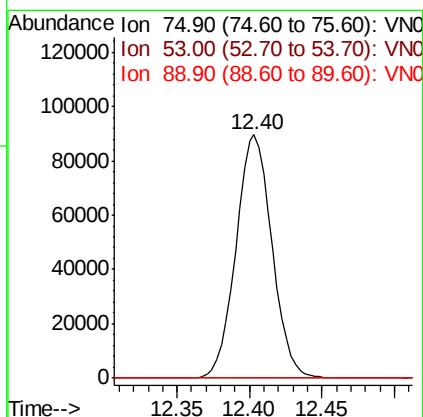
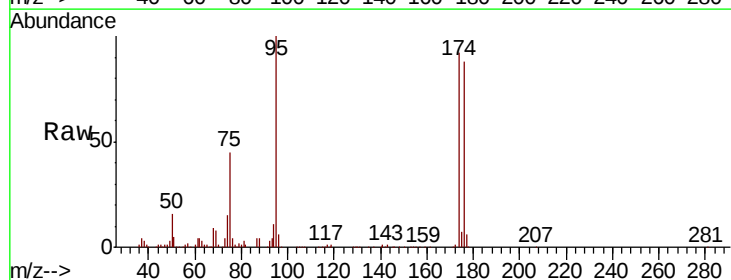
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767ZHE#02

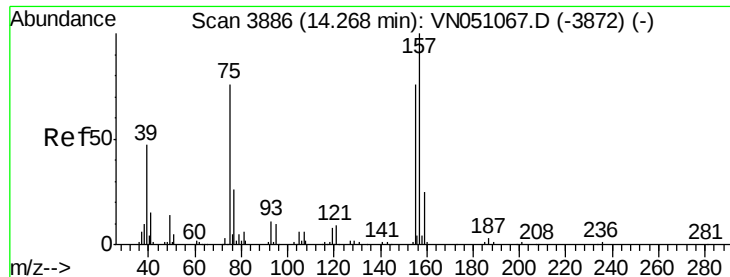
Tot Ion:105 Resp: 4071
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.82 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051146.D
 Acq: 12 Sep 2018 12:31

Tgt Ion: 75 Resp: 153871
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.8 101.8#
 89 0.0 36.0 54.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.70 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB112767ZHE#02

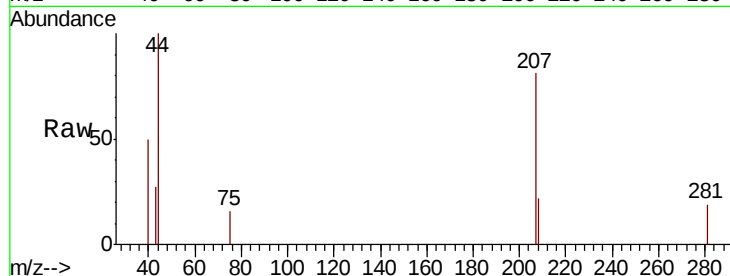
Tot Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

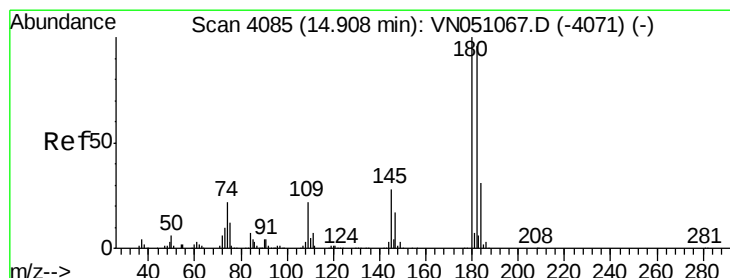
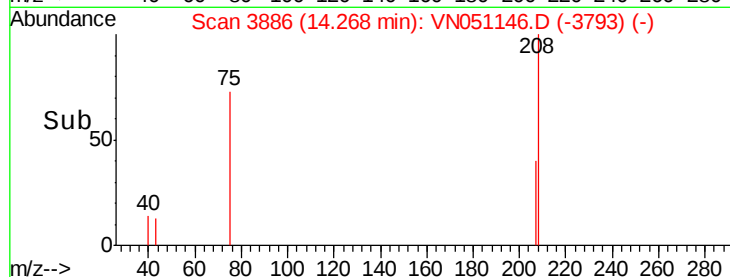
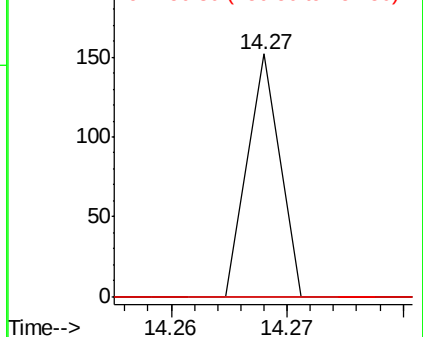
157 0.0 63.6 190.9#



Abundance Ion 74.90 (74.60 to 75.60): VN051146.D (-3793) (-)

Ion 154.80 (154.50 to 155.50): VN051146.D (-3793) (-)

Ion 156.80 (156.50 to 157.50): VN051146.D (-3793) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.05 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

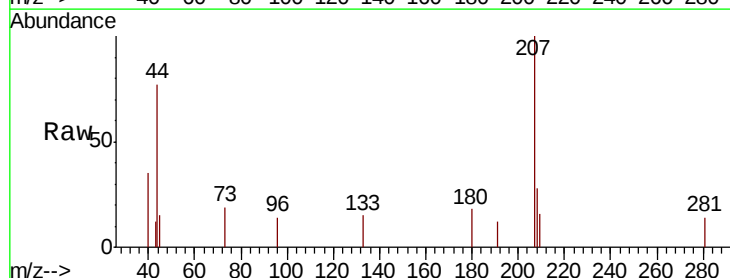
Tgt Ion: 180 Resp: 305

Ion Ratio Lower Upper

180 100

182 20.3 47.3 141.8#

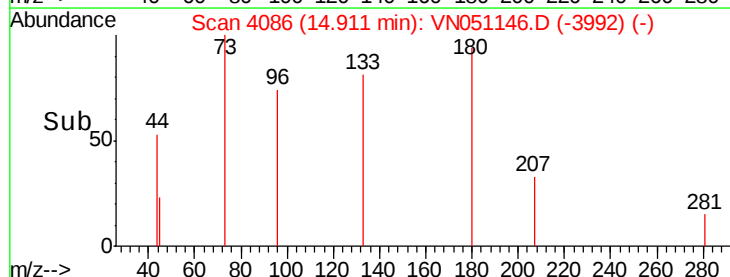
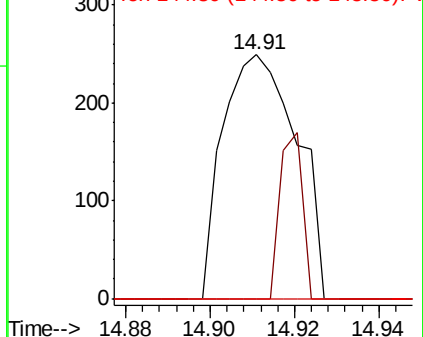
145 0.0 14.2 42.6#

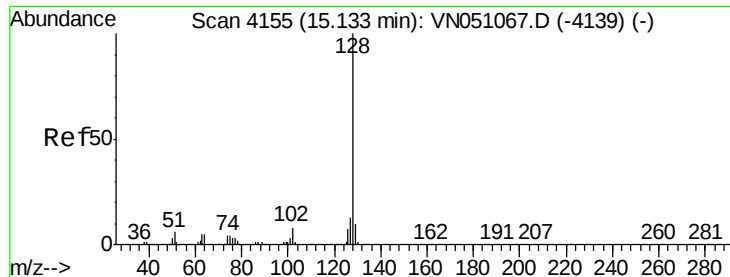


Abundance Ion 179.80 (179.50 to 180.50): VN051146.D (-3992) (-)

Ion 181.80 (181.50 to 182.50): VN051146.D (-3992) (-)

Ion 144.80 (144.50 to 145.50): VN051146.D (-3992) (-)





#95

Naphthalene

Concen: 5.41 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB112767ZHE#02

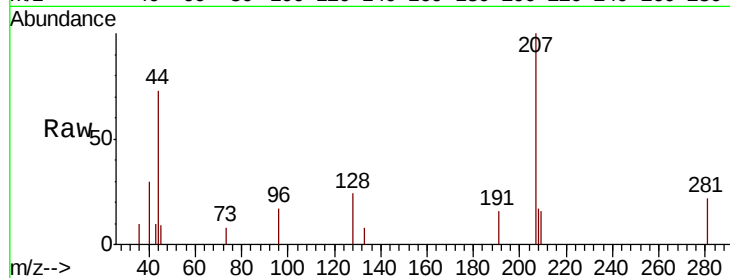
Tot Ion:128 Resp: 699

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

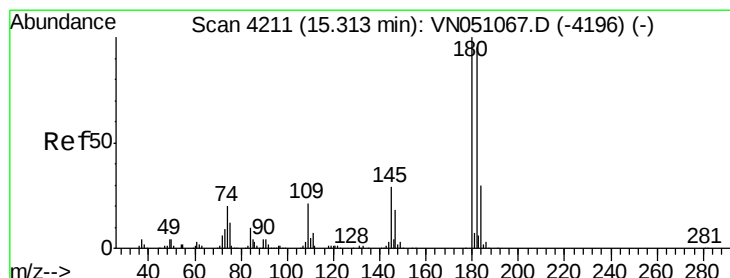
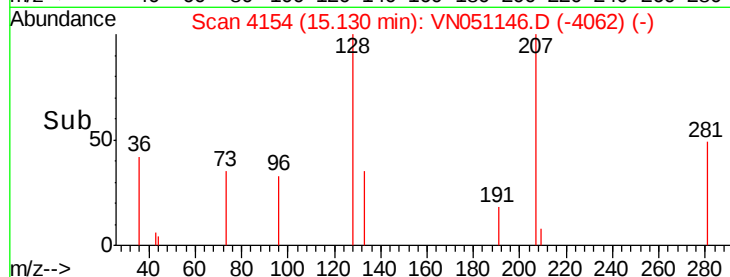
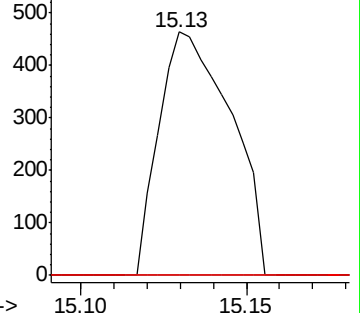
129 0.0 8.6 12.8#



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: 2.99 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN051146.D

Acq: 12 Sep 2018 12:31

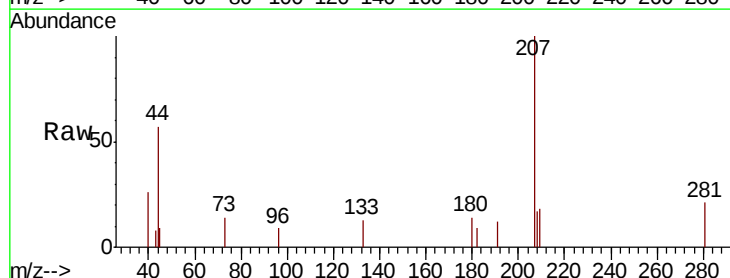
Tgt Ion:180 Resp: 199

Ion Ratio Lower Upper

180 100

182 178.4 47.8 143.3#

145 0.0 14.6 43.8#



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

