

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051176.D
 Acq On : 14 Sep 2018 9:20
 Operator : MD\SY
 Sample : VN0914MBL01
 Misc : 5.00µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBL01

Quant Time: Sep 14 14:56:30 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	579942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	887660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	729433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216065	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	342479	53.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.14%	
35) Dibromofluoromethane	7.59	113	350601	52.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.12%	
50) Toluene-d8	10.09	98	1203038	47.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.40	95	303348	36.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.46%	

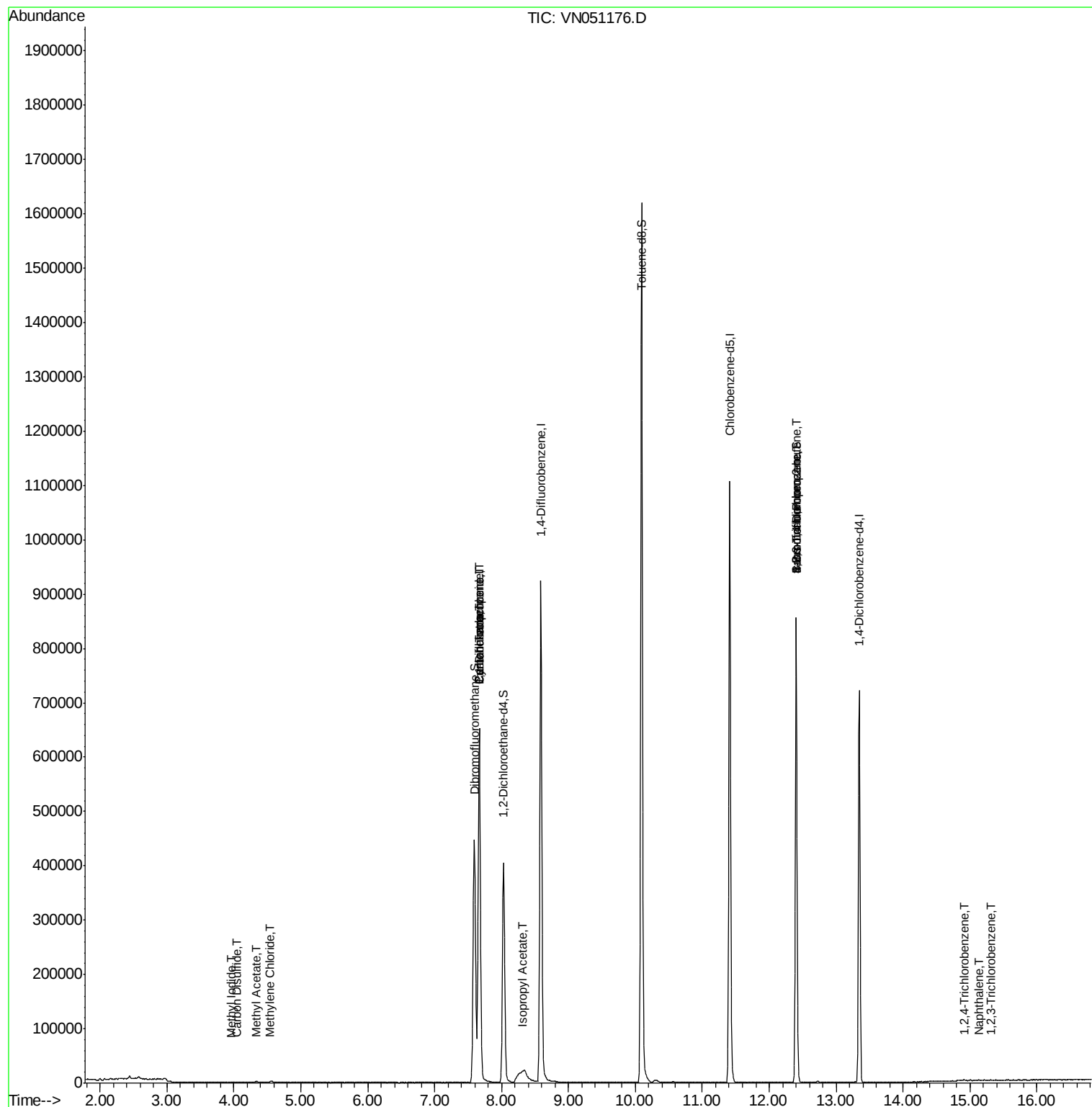
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2565	Below Cal		90
5) Bromomethane	2.57	94	2526	Below Cal		90
10) Methyl Iodide	3.96	142	598	5.717 ug/l #		56
16) Acetone	3.82	43	504	Below Cal #		40
17) Carbon Disulfide	4.05	76	1797	0.211 ug/l #		76
18) Methyl Acetate	4.33	43	1848	0.358 ug/l #		80
20) Methylene Chloride	4.54	84	1936	0.272 ug/l #		63
31) Cyclohexane	7.66	56	9555	0.678 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	36750	3.771 ug/l #		43
38) Carbon Tetrachloride	7.67	117	50096	5.223 ug/l #		17
43) Isopropyl Acetate	8.30	43	32093	3.222 ug/l #		50
71) Bromoform	12.40	173	1238	0.266 ug/l #		1
76) 1,2,3-Trichloropropane	12.40	75	140380	41.659 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.40	75	140380	123.391 ug/l #		15
93) 1,2,4-Trichlorobenzene	14.91	180	661	4.139 ug/l #		78
94) Hexachlorobutadiene	15.01	225	664	Below Cal		97
95) Naphthalene	15.13	128	1444	5.500 ug/l #		85
96) 1,2,3-Trichlorobenzene	15.31	180	336	3.033 ug/l #		1

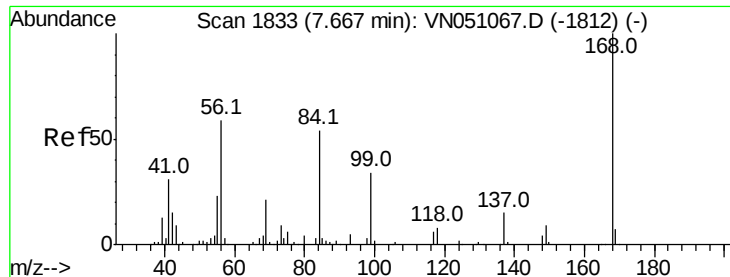
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091418\
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Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBL01

Quant Time: Sep 14 14:56:30 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: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

Instrument :

MSVOA_N

ClientSampled :

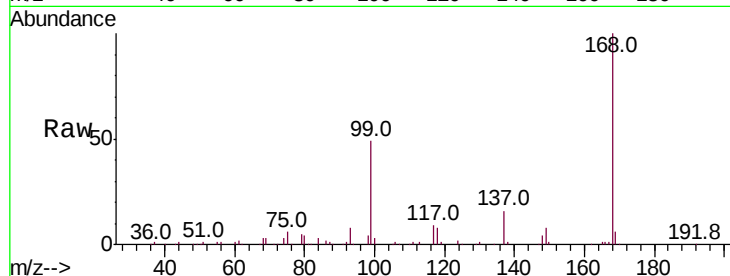
VN0914MBL01

Tot Ion:168 Resp: 579942

Ion Ratio Lower Upper

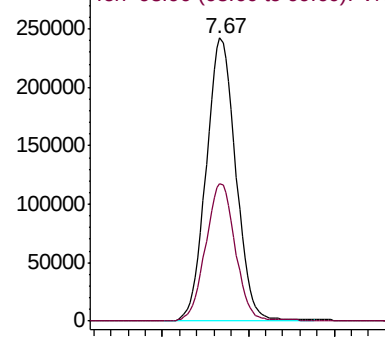
168 100

99 48.5 38.3 57.5

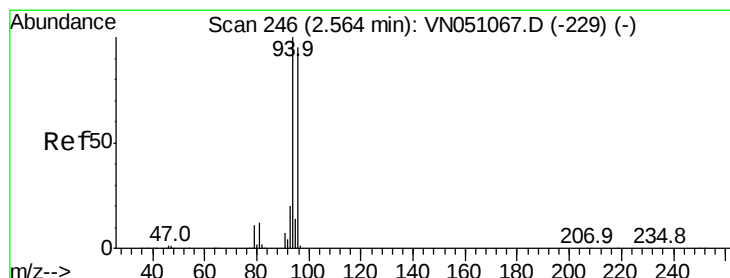
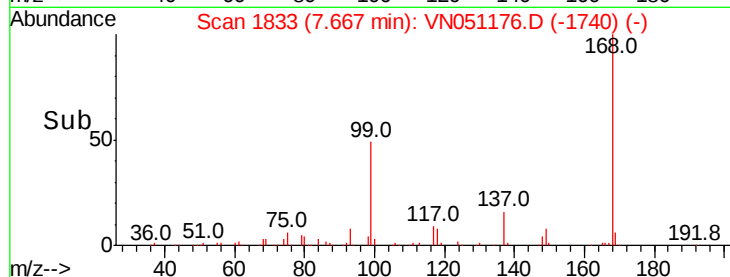


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051176.D

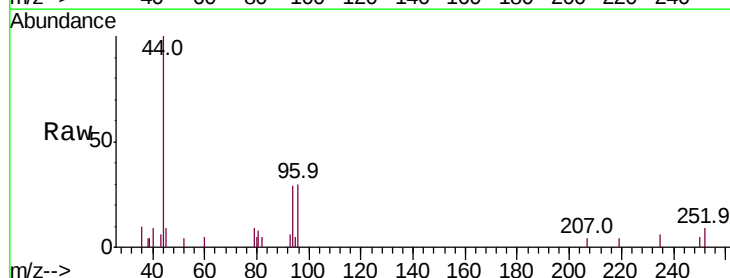
Acq: 14 Sep 2018 9:20

Tgt Ion: 94 Resp: 2526

Ion Ratio Lower Upper

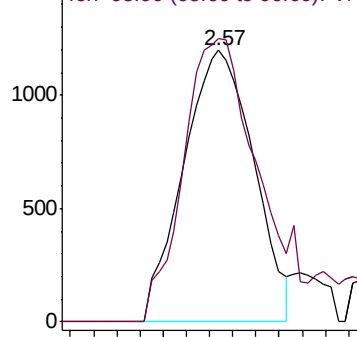
94 100

96 104.3 75.9 113.9

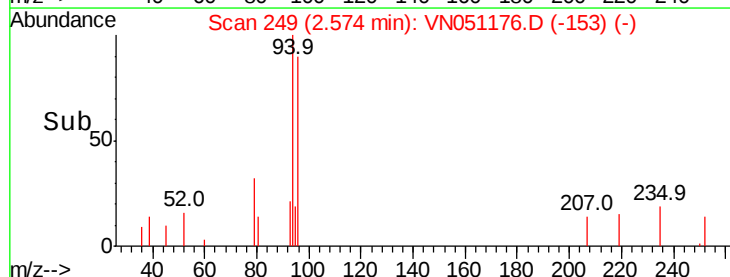


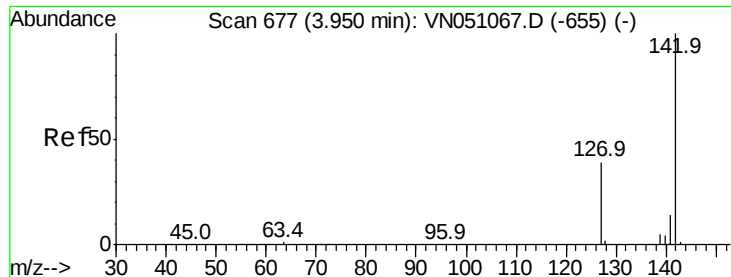
Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN



Time-->

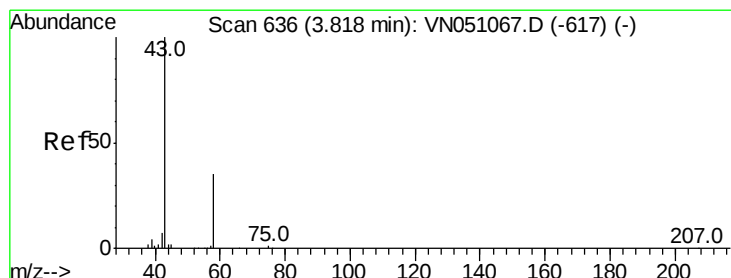
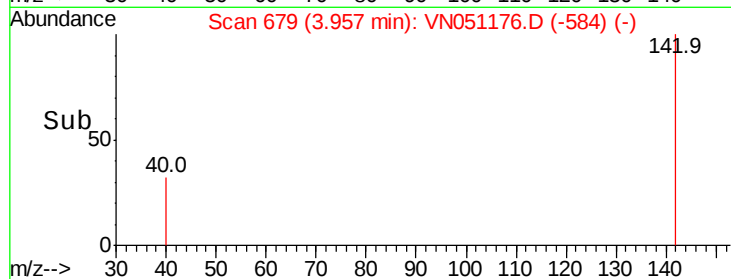
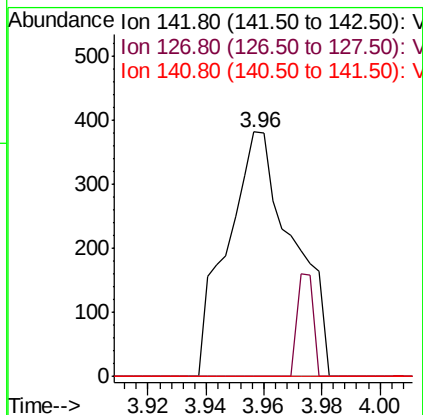
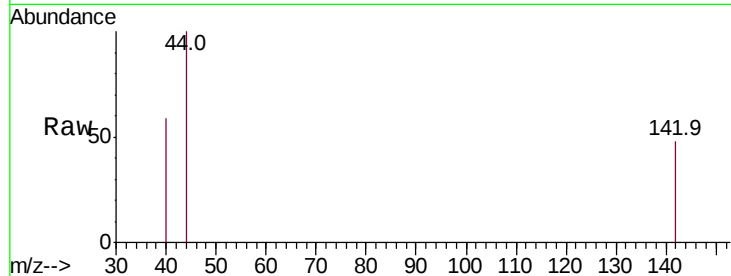




#10
Methvl Iodide
Concen: 5.717 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.01 min
Lab File: VN051176.D
Acq: 14 Sep 2018 9:20

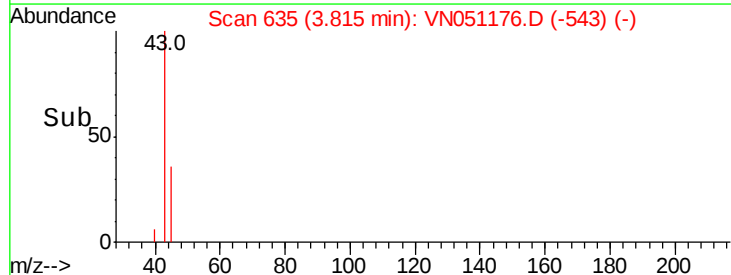
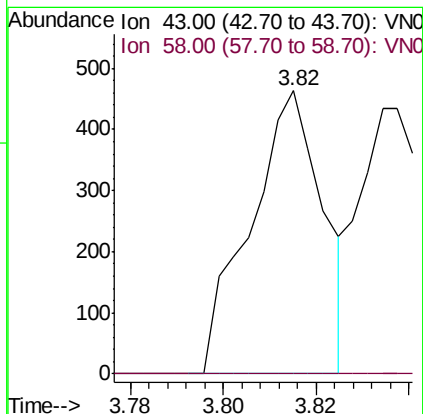
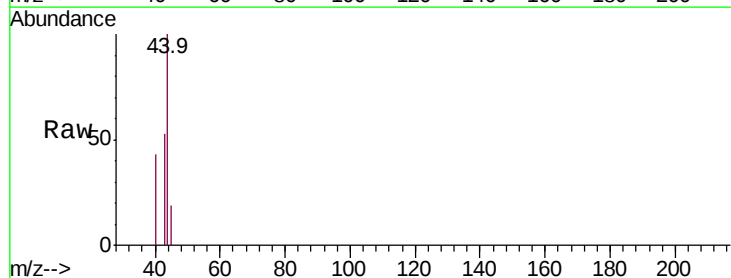
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBL01

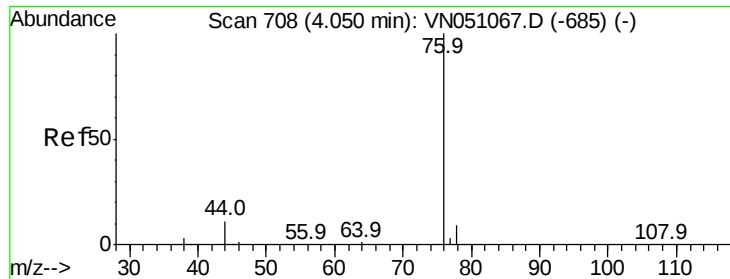
Tot Ion:142 Resp: 598
Ion Ratio Lower Upper
142 100
127 10.2 31.0 46.4#
141 0.0 11.3 16.9#



#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN051176.D
Acq: 14 Sep 2018 9:20

Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.6#





#17

Carbon Disulfide

Concen: 0.211 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

Instrument :

MSVOA_N

ClientSampleId :

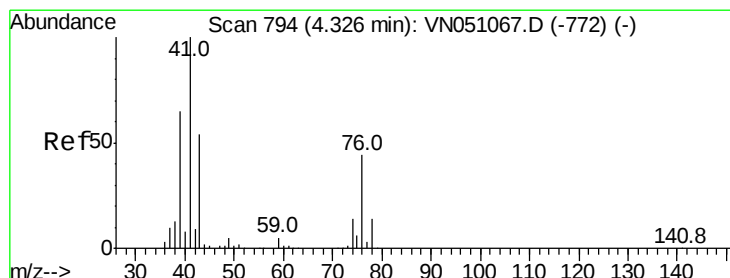
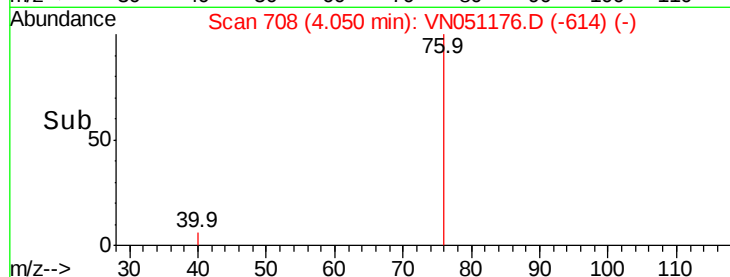
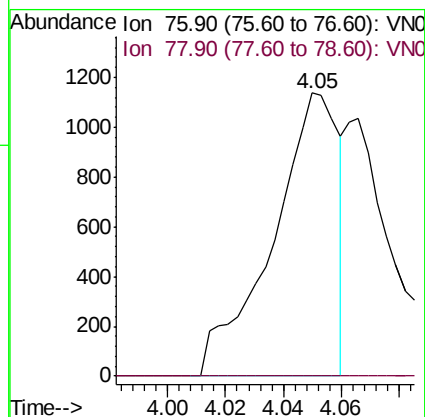
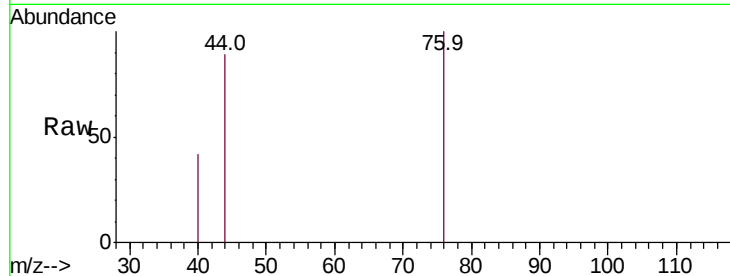
VN0914MBL01

Tot Ion: 76 Resp: 1797

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.358 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051176.D

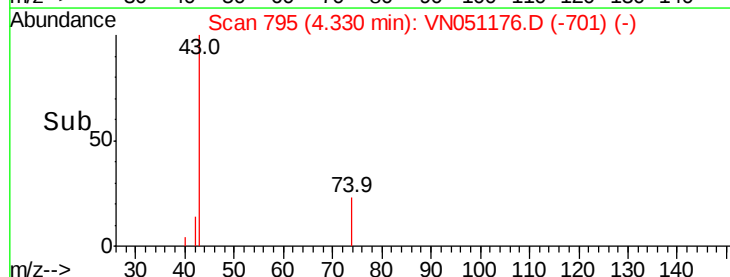
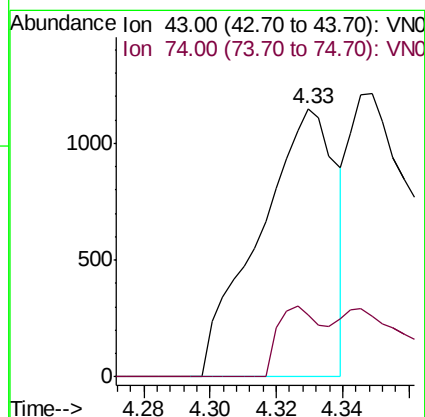
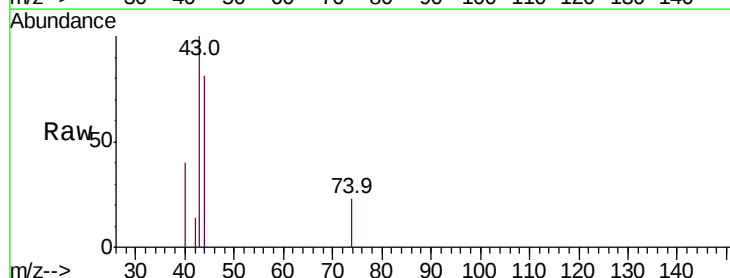
Acq: 14 Sep 2018 9:20

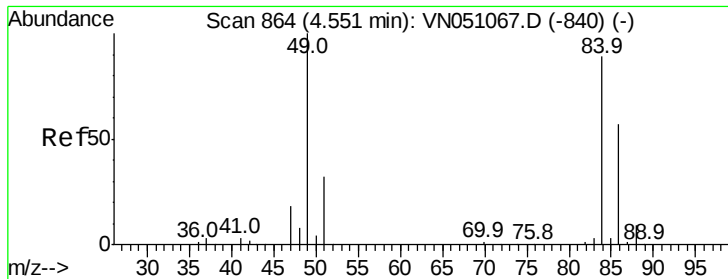
Tgt Ion: 43 Resp: 1848

Ion Ratio Lower Upper

43 100

74 15.6 20.7 31.1#





#20

Methvlene Chloride

Concen: 0.272 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.01 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBL01

Tot Ion: 84 Resp: 1936

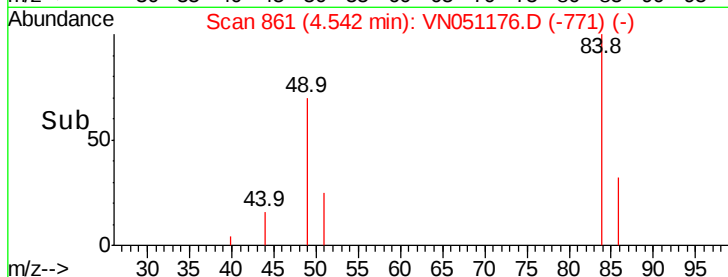
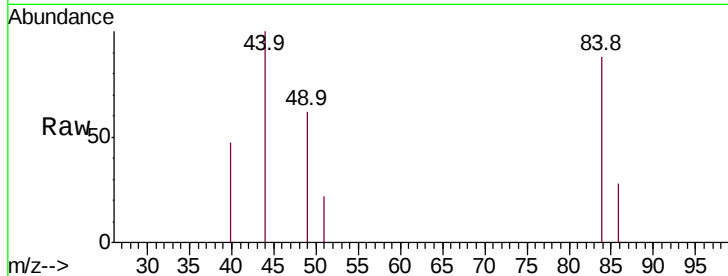
Ion Ratio Lower Upper

84 100

49 69.9 90.2 135.2#

51 25.5 28.4 42.6#

86 31.9 51.8 77.8#

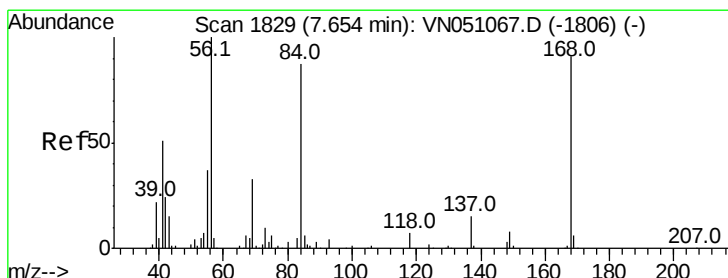
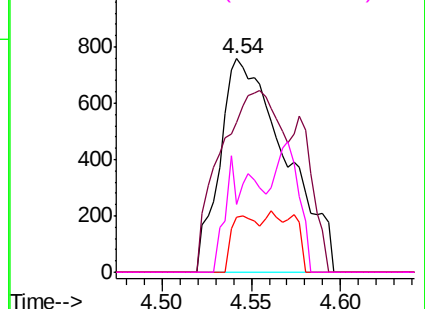


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 0.678 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

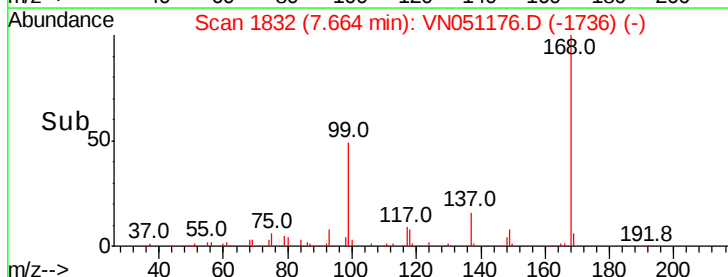
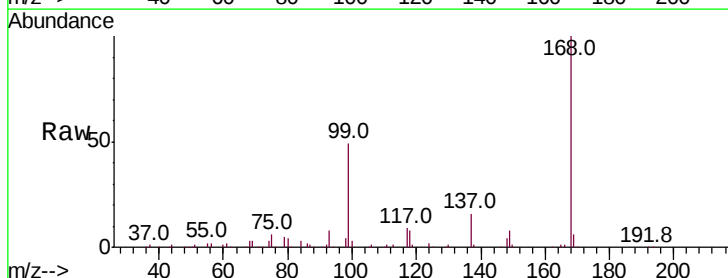
Tgt Ion: 56 Resp: 9555

Ion Ratio Lower Upper

56 100

69 213.6 26.3 39.5#

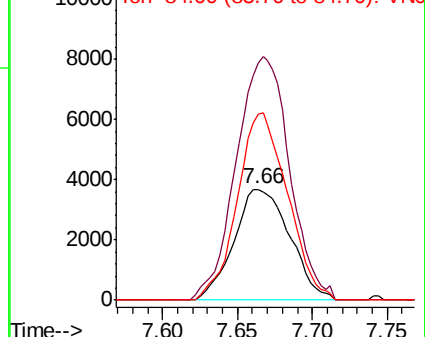
84 167.4 69.4 104.0#

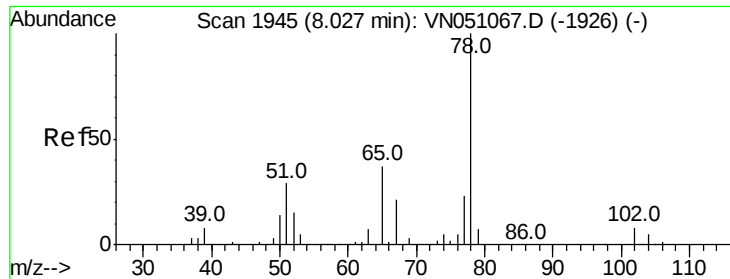


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.066 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

Instrument :

MSVOA_N

ClientSampleId :

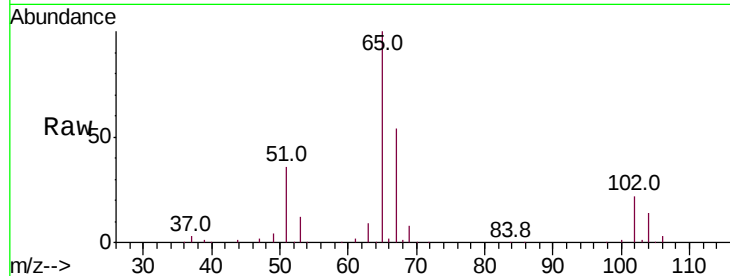
VN0914MBL01

Tot Ion: 65 Resp: 342479

Ion Ratio Lower Upper

65 100

67 54.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

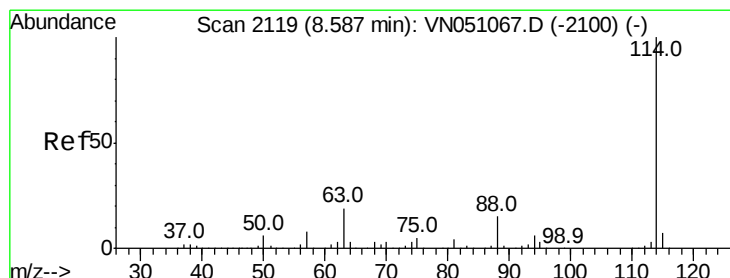
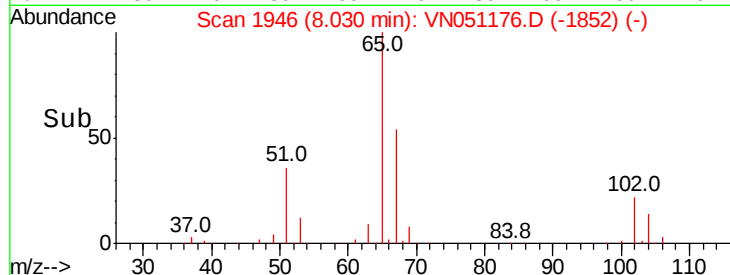
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

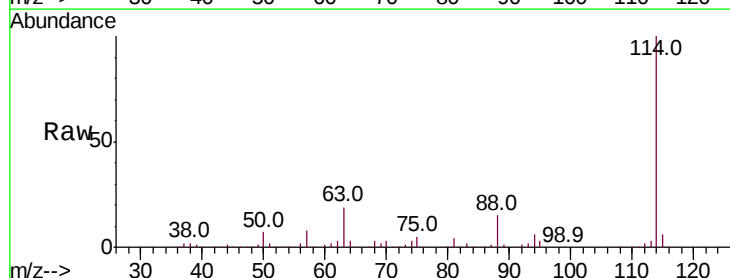
Tgt Ion:114 Resp: 887660

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

88 15.1 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

500000

400000

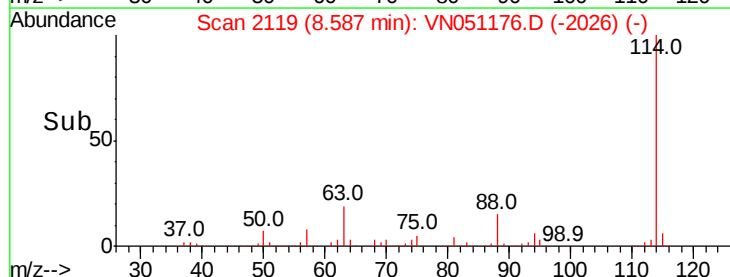
300000

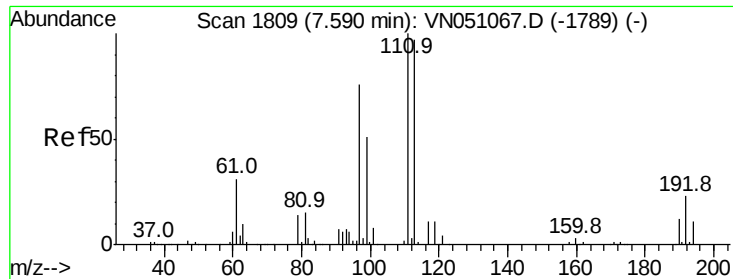
200000

100000

0

Time-->

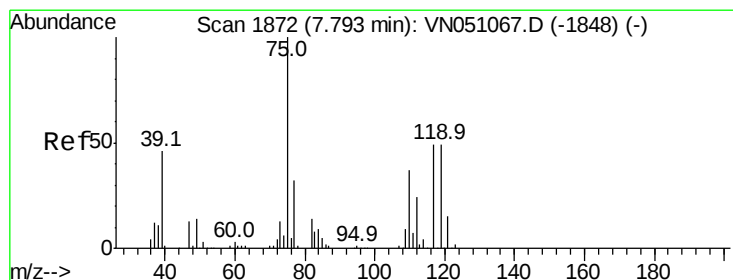
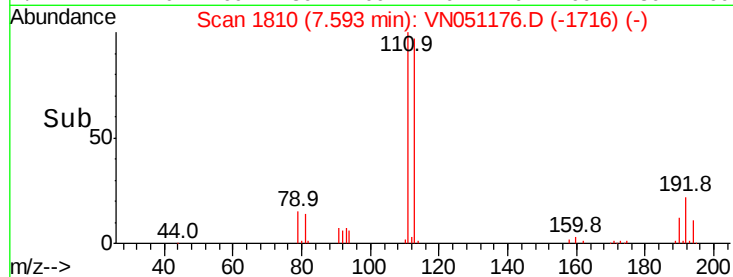
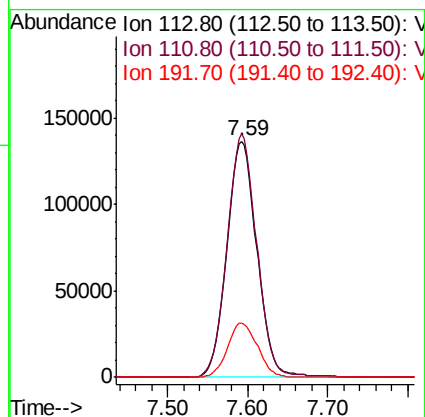
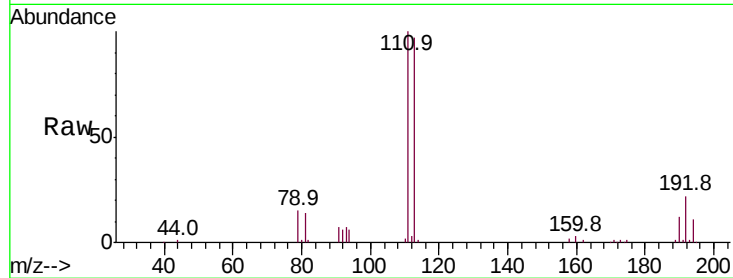




#35
Dibromofluoromethane
Concen: 52.564 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051176.D
Acq: 14 Sep 2018 9:20

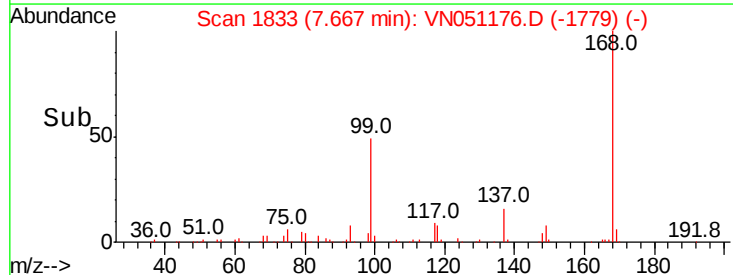
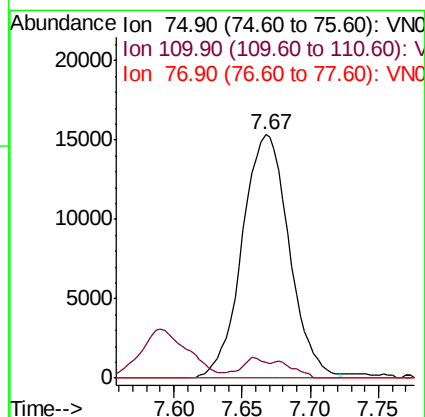
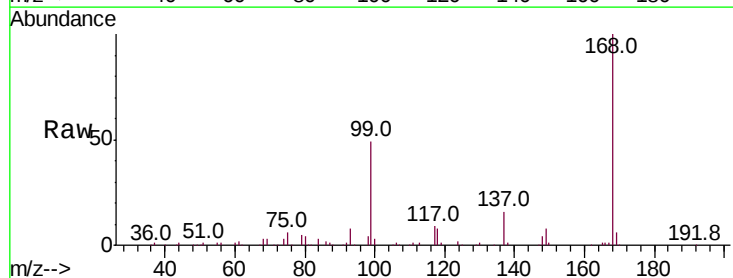
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBL01

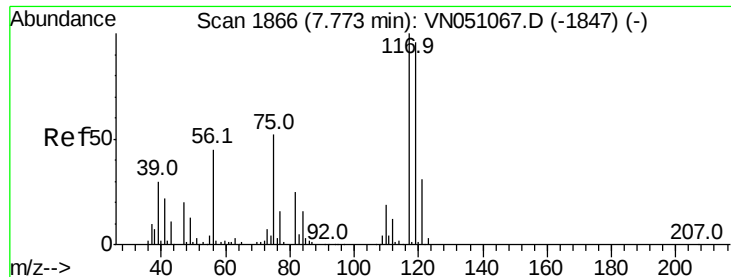
Tot Ion:113 Resp: 350601
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.6
192 23.1 18.7 28.1



#36
1,1-Dichloropropene
Concen: 3.771 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051176.D
Acq: 14 Sep 2018 9:20

Tgt Ion: 75 Resp: 36750
Ion Ratio Lower Upper
75 100
110 2.9 18.6 55.8#
77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.223 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

Instrument :

MSVOA_N

ClientSampled :

VN0914MBL01

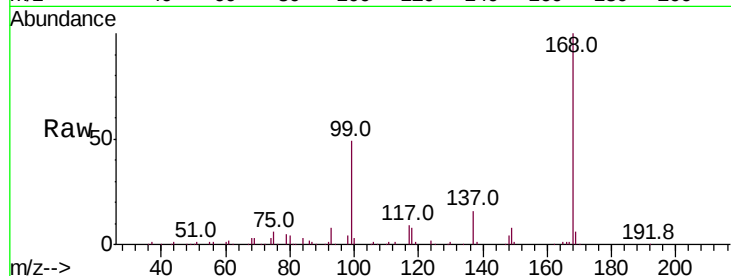
Tot Ion:117 Resp: 50096

Ion Ratio Lower Upper

117 100

119 6.1 76.8 115.2#

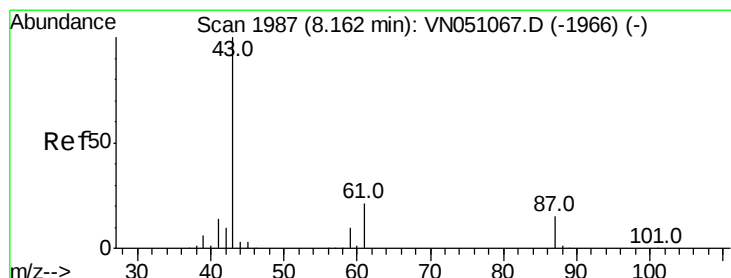
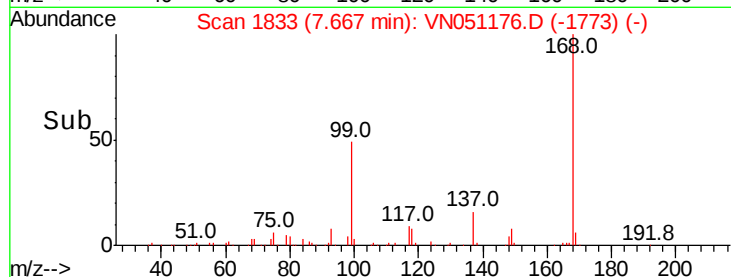
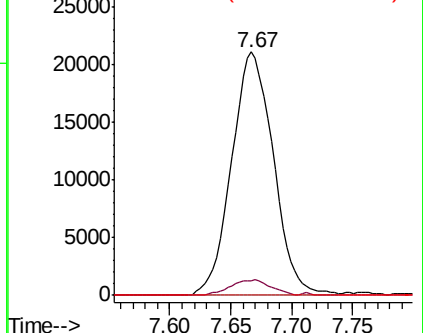
121 0.0 24.6 36.8#



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: 3.222 ug/l

RT: 8.30 min Scan# 2031

Delta R.T. 0.14 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

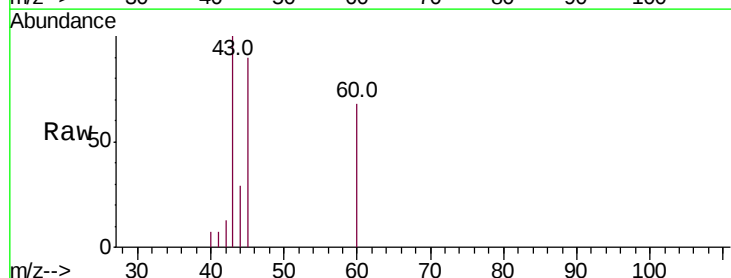
Tgt Ion: 43 Resp: 32093

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

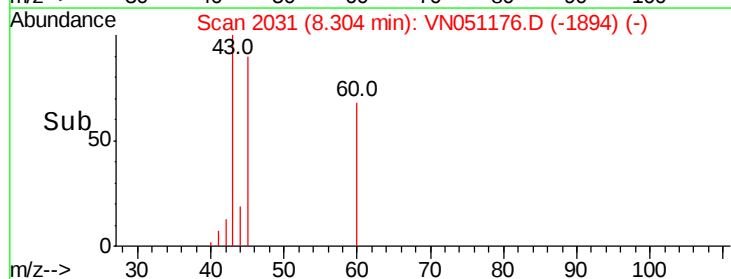
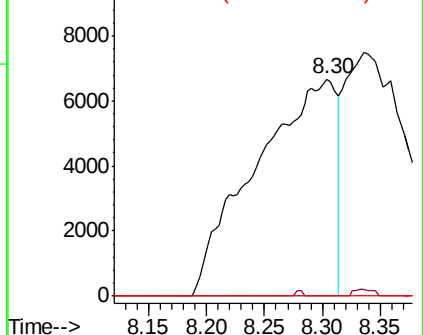
87 0.0 11.8 17.8#

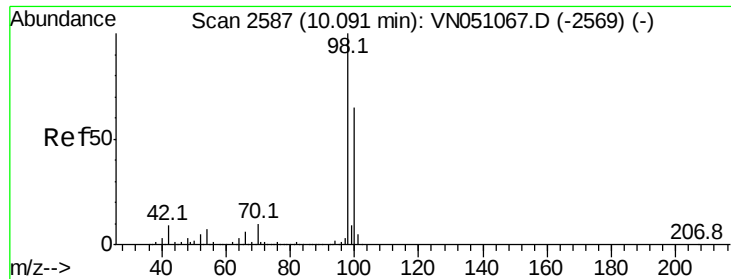


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 47.531 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

Instrument :

MSVOA_N

ClientSampleId :

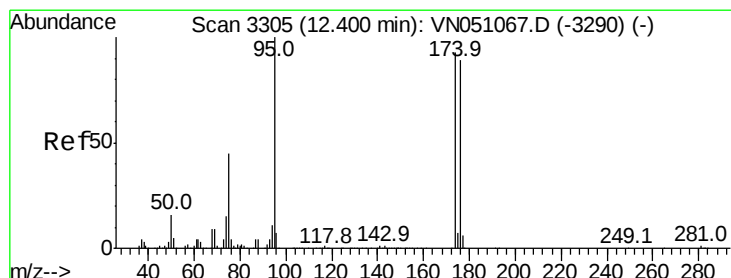
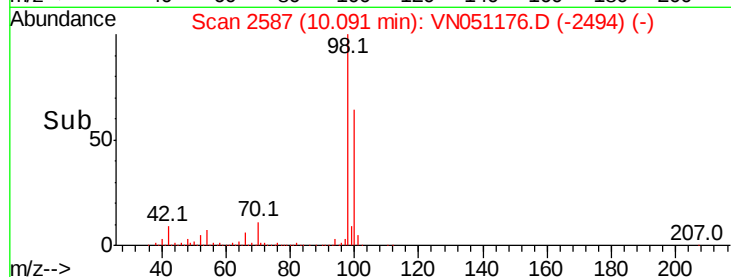
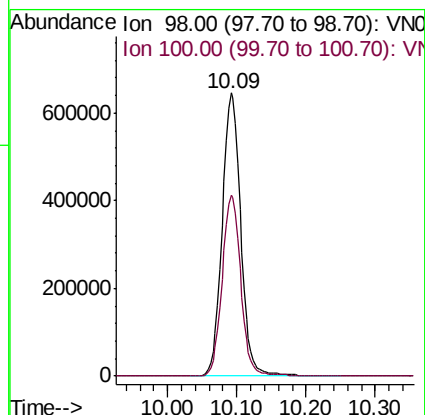
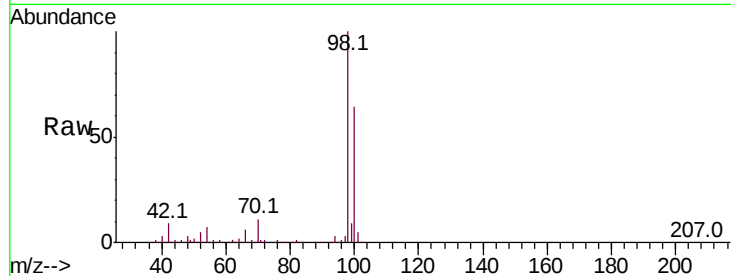
VN0914MBL01

Tot Ion: 98 Resp: 1203038

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.232 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

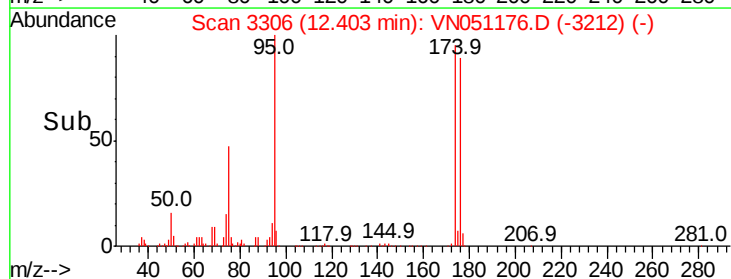
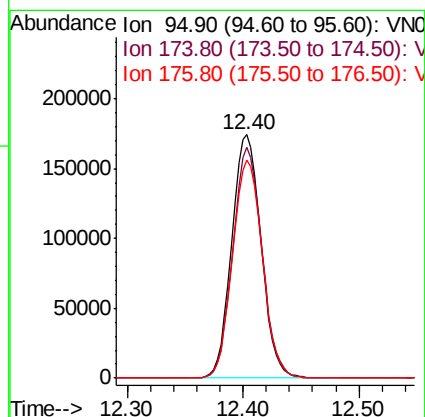
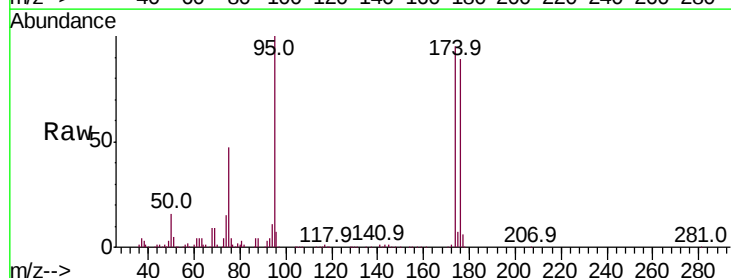
Tgt Ion: 95 Resp: 303348

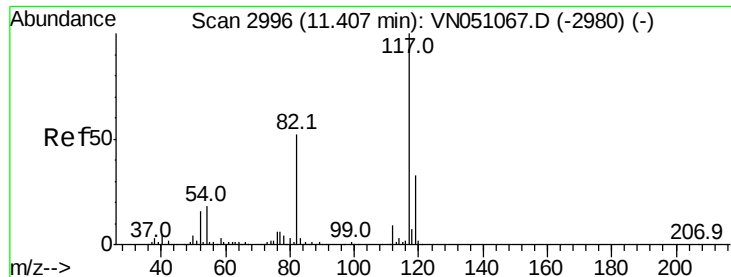
Ion Ratio Lower Upper

95 100

174 94.3 0.0 184.8

176 90.8 0.0 178.6

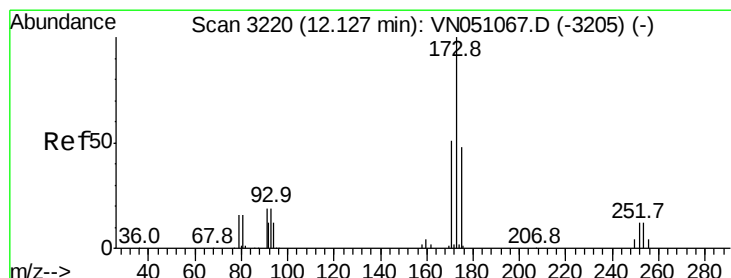
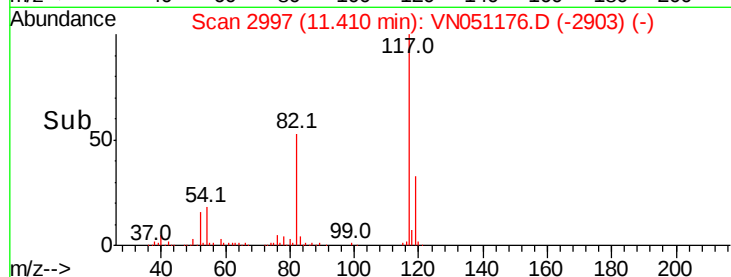
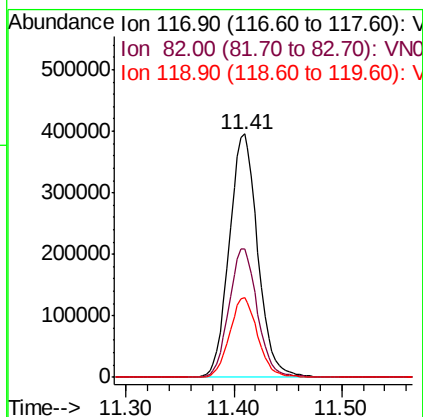
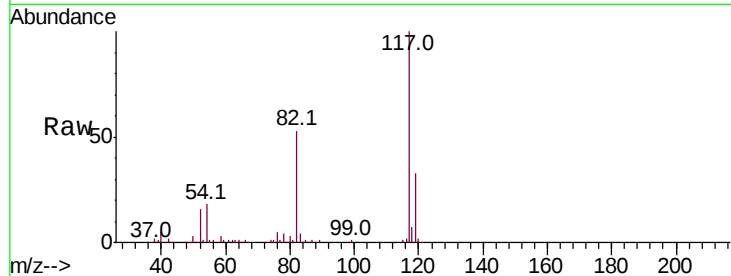




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051176.D
Acq: 14 Sep 2018 9:20

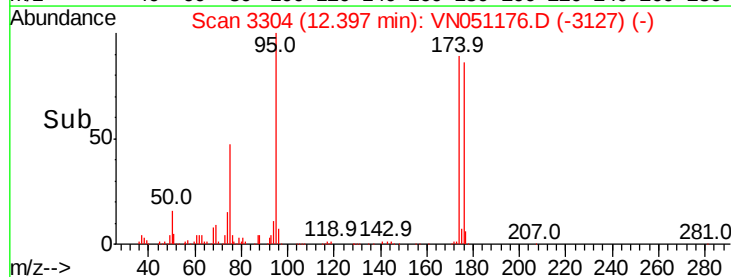
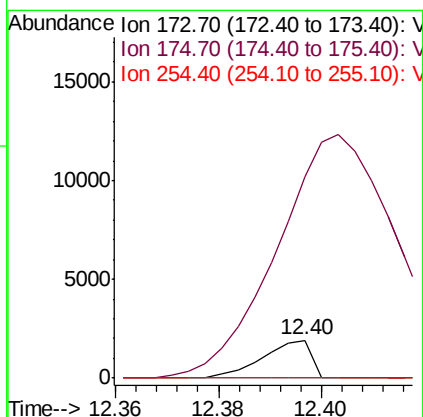
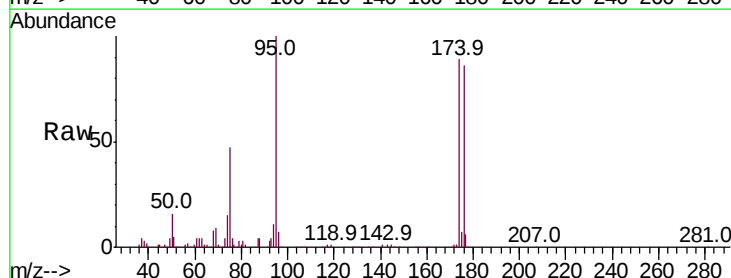
Instrument :
MSVOA_N
ClientSampled :
VN0914MBL01

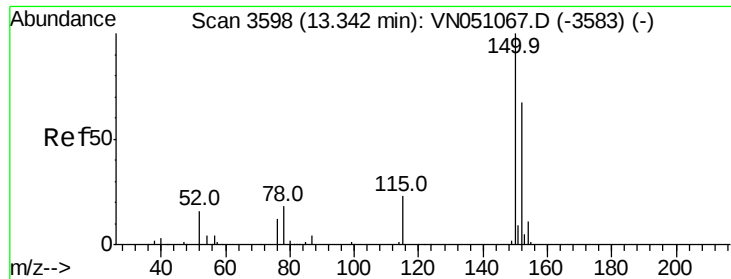
Tot Ion:117 Resp: 729433
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.6
119 32.5 26.2 39.2



#71
Bromoform
Concen: 0.266 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN051176.D
Acq: 14 Sep 2018 9:20

Tgt Ion:173 Resp: 1238
Ion Ratio Lower Upper
173 100
175 1363.2 24.3 72.9#
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: VN051176.D

Acq: 14 Sep 2018 9:20

Instrument :

MSVOA_N

ClientSampled :

VN0914MBL01

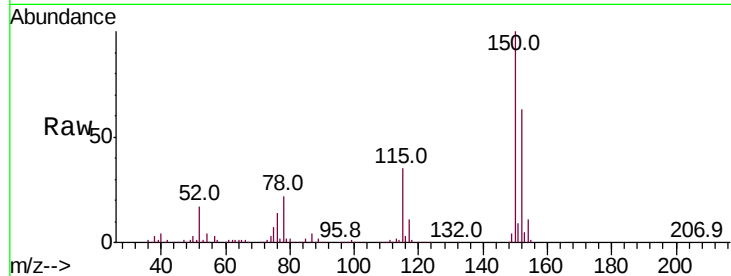
Tot Ion:152 Resp: 216065

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

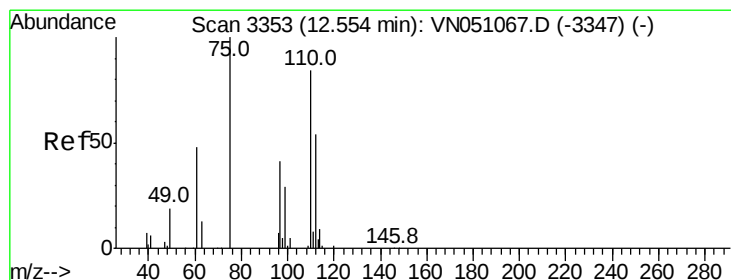
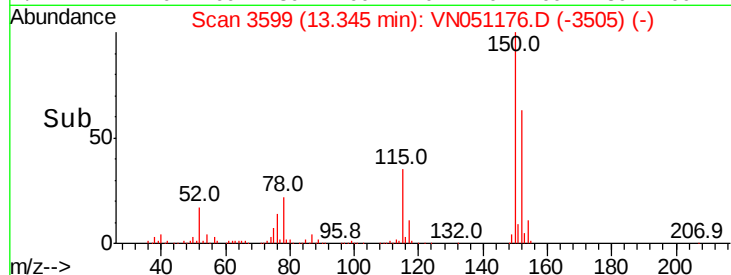
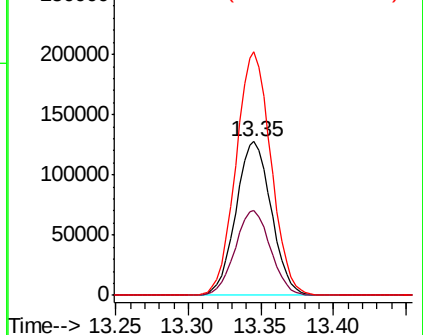
150 157.0 0.0 349.0



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: 41.659 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051176.D

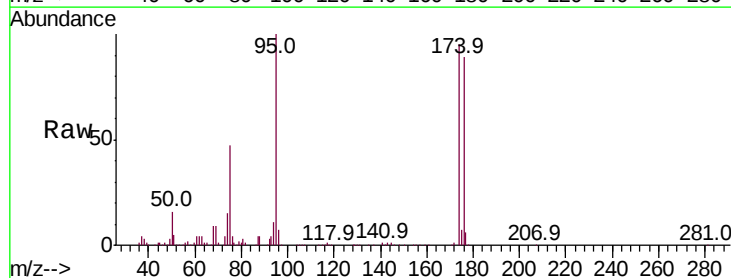
Acq: 14 Sep 2018 9:20

Tgt Ion: 75 Resp: 140380

Ion Ratio Lower Upper

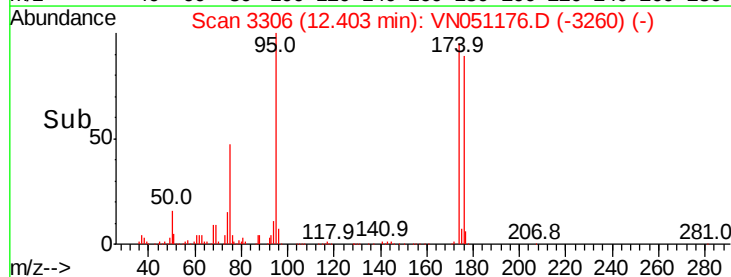
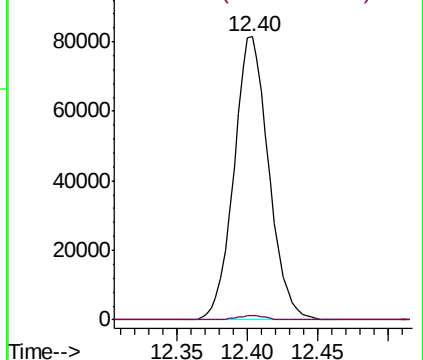
75 100

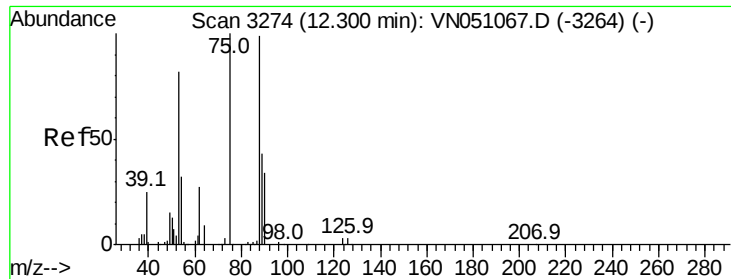
77 1.2 0.0 0.0#



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: 123.391 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

Instrument :

MSVOA_N

ClientSampled :

VN0914MBL01

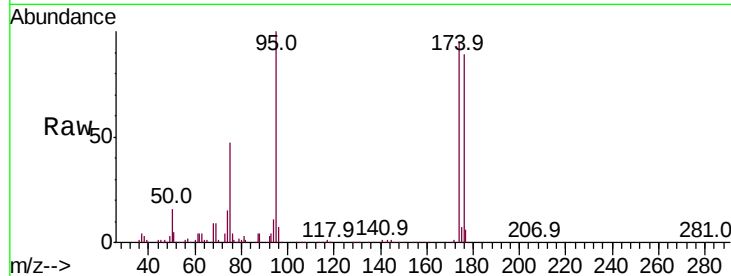
Tot Ion: 75 Resp: 140380

Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

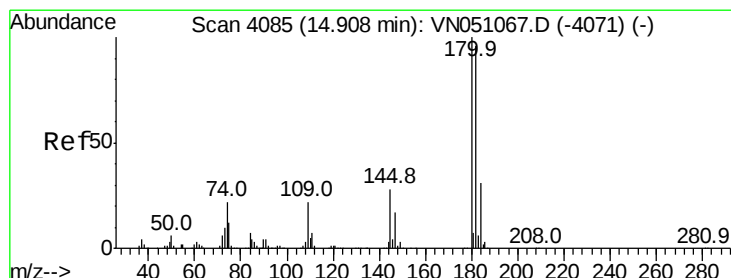
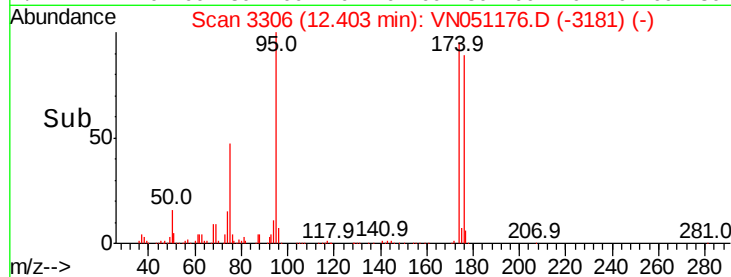
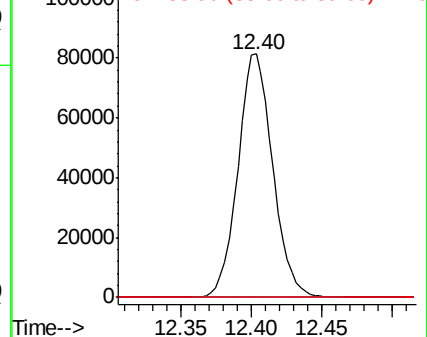
89 0.0 36.0 54.0#



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: 4.139 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

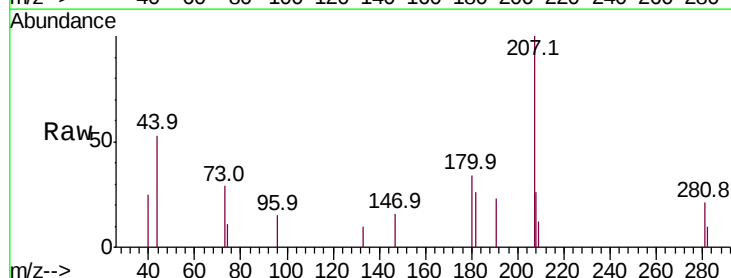
Tgt Ion: 180 Resp: 661

Ion Ratio Lower Upper

180 100

182 82.5 47.3 141.8

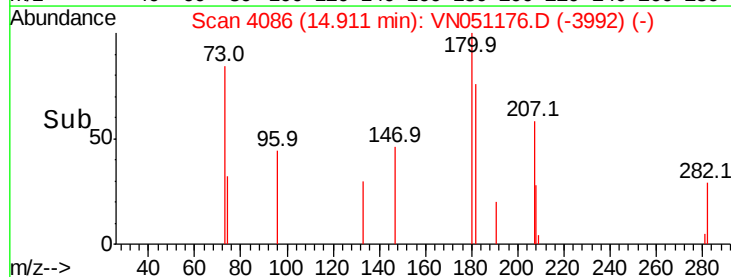
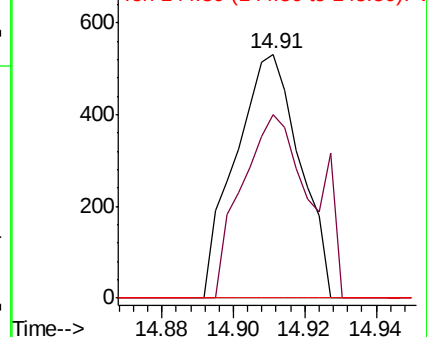
145 0.0 14.2 42.6#

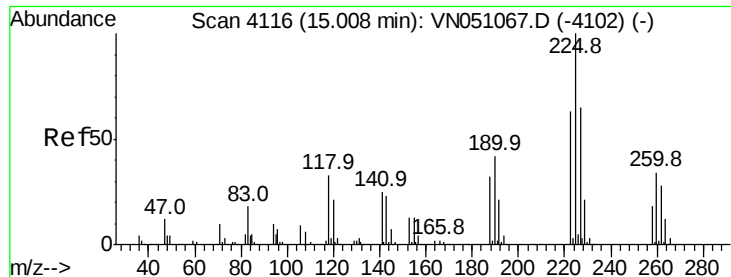


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

Instrument :

MSVOA_N

ClientSampled :

VN0914MBL01

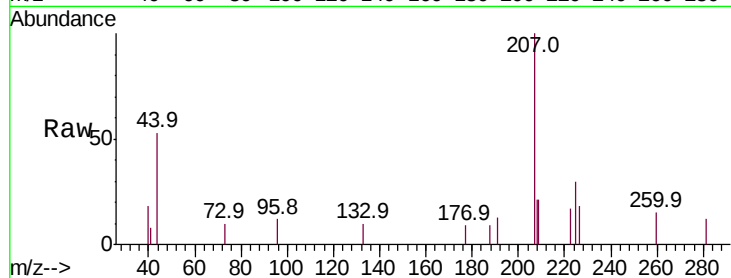
Tot Ion:225 Resp: 664

Ion Ratio Lower Upper

225 100

223 66.4 31.4 94.0

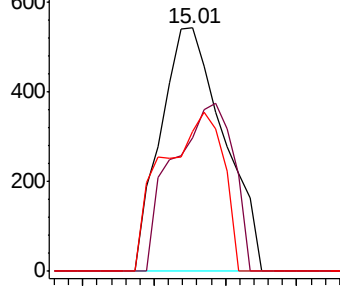
227 63.1 32.1 96.3



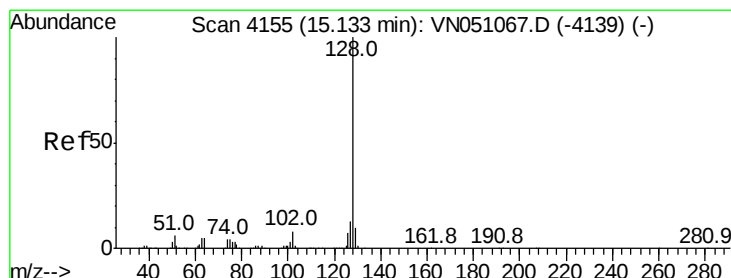
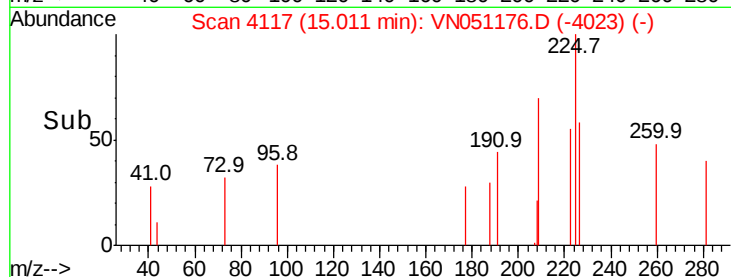
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 5.500 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN051176.D

Acq: 14 Sep 2018 9:20

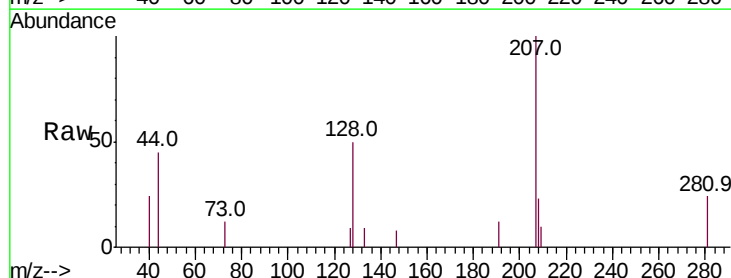
Tgt Ion:128 Resp: 1444

Ion Ratio Lower Upper

128 100

127 7.3 10.6 15.8#

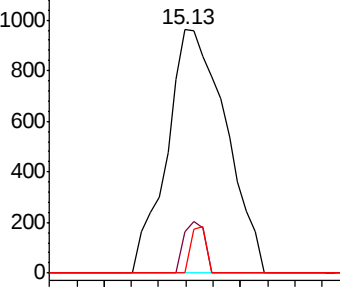
129 4.8 8.6 12.8#



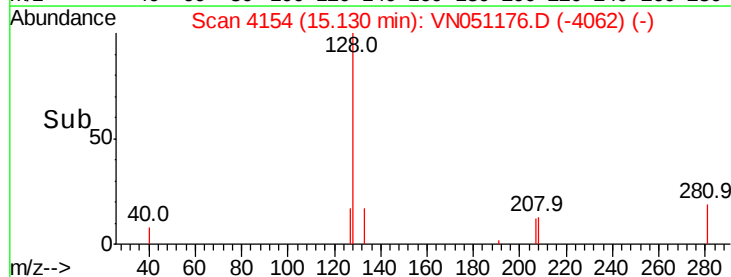
Abundance Ion 128.00 (127.70 to 128.70): V

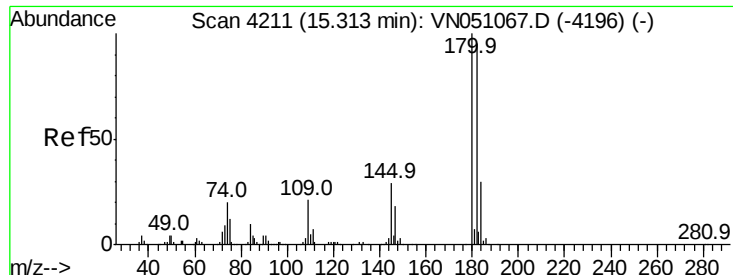
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 3.033 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: VN051176.D
 Acq: 14 Sep 2018 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBL01

Tot Ion:180 Resp: 336
 Ion Ratio Lower Upper
 180 100
 182 244.6 47.8 143.3#
 145 8.9 14.6 43.8#

