

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051245.D
 Acq On : 16 Sep 2018 1:19
 Operator : MD\SY
 Sample : J4773-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 04:24:49 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	422114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	657436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	527734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	231568	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.59	113	246752	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.09	98	831608	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
62) 4-Bromofluorobenzene	12.40	95	213210	34.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.76%	

Target Compounds

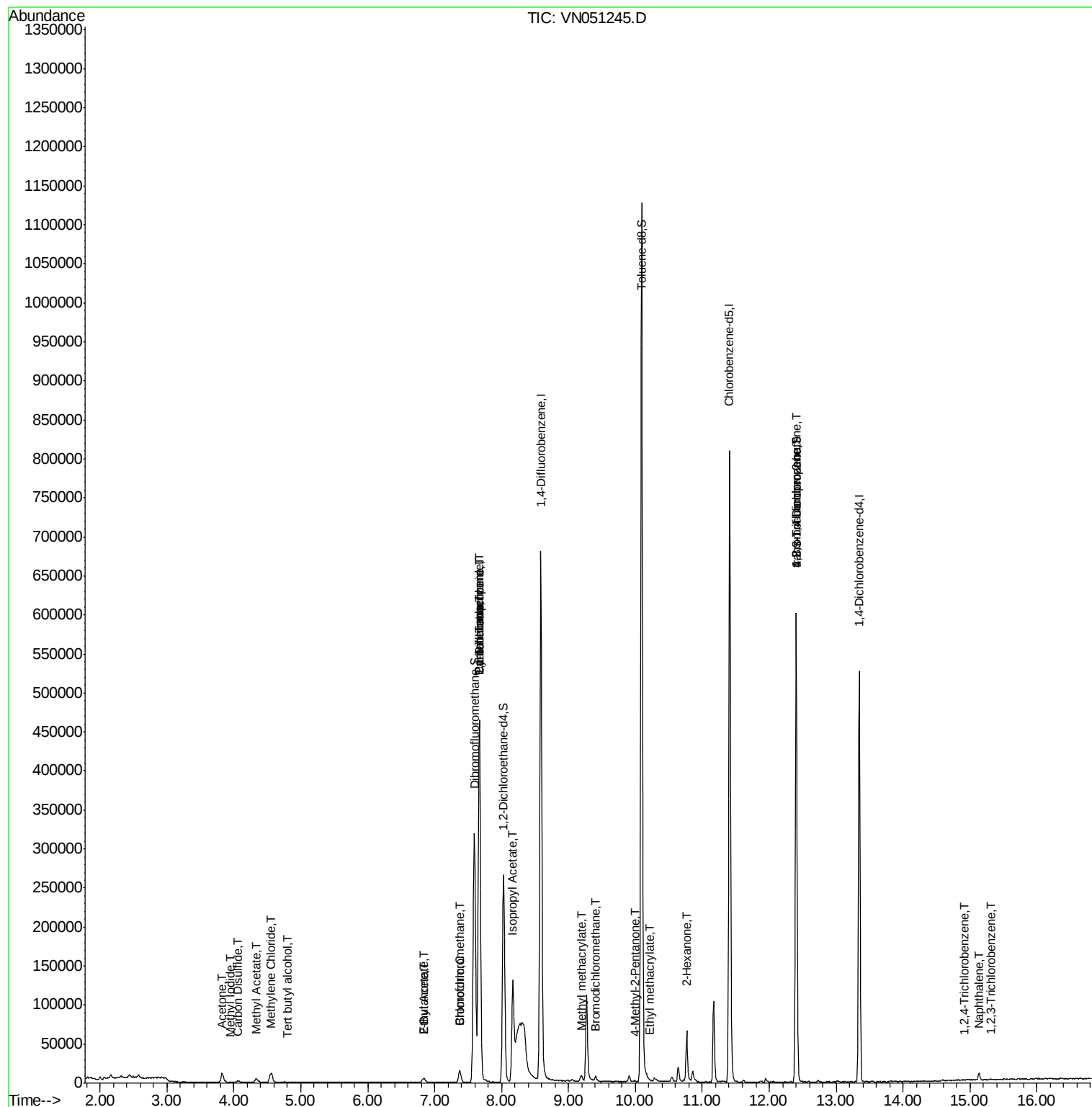
						Qvalue
3) Chloromethane	2.06	50	1707	Below Cal	#	85
5) Bromomethane	2.57	94	2021	Below Cal		87
10) Methyl Iodide	3.95	142	163	5.66	ug/l #	44
11) Tert butyl alcohol	4.80	59	166	0.46	ug/l #	73
16) Acetone	3.82	43	21062	12.59	ug/l	96
17) Carbon Disulfide	4.06	76	2367	0.29	ug/l #	76
18) Methyl Acetate	4.33	43	10230	2.72	ug/l #	90
20) Methylene Chloride	4.55	84	5165	1.00	ug/l	95
25) 2-Butanone	6.85	43	3003	1.63	ug/l	94
28) Bromochloromethane	7.38	49	1076	0.28	ug/l #	7
30) Chloroform	7.37	83	17847	2.08	ug/l	99
31) Cyclohexane	7.67	56	7222	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	25861	3.58	ug/l #	50
37) Ethyl Acetate	6.85	43	3003	0.72	ug/l #	70
38) Carbon Tetrachloride	7.67	117	36231	5.10	ug/l #	17
43) Isopropyl Acetate	8.17	43	161741	21.93	ug/l #	84
47) Bromodichloromethane	9.41	83	4462	0.64	ug/l	90
48) Methyl methacrylate	9.18	41	4357	1.21	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	1345	0.33	ug/l #	34
56) Ethyl methacrylate	10.23	69	736	2.56	ug/l #	71
59) 2-Hexanone	10.77	43	9471	3.42	ug/l	63
75) 1,1,2,2-Tetrachloroethane	12.40	83	30	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	99640	41.96	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	99640	124.24	ug/l #	15
90) Hexachloroethane	13.99	117	93	Below Cal	#	2
93) 1,2,4-Trichlorobenzene	14.91	180	60	4.00	ug/l #	52
95) Naphthalene	15.13	128	8976	6.74	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	226	3.03	ug/l #	46

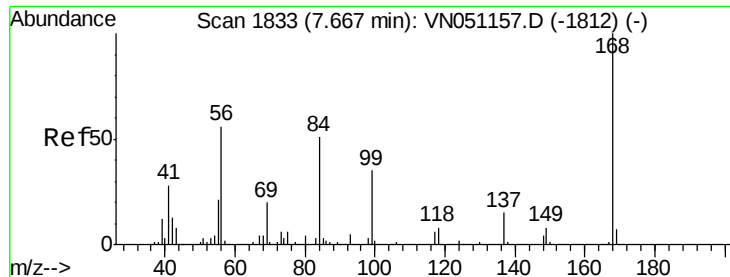
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 17 04:24:49 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

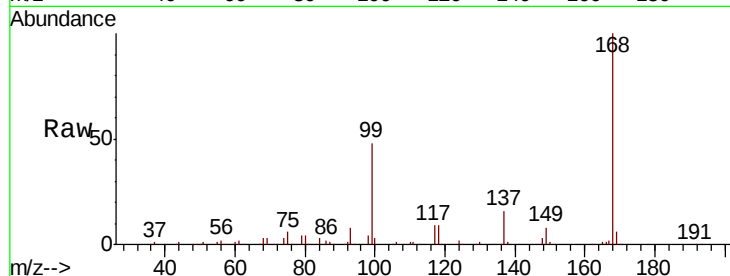
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 422114

Ion Ratio Lower Upper

168 100

99 47.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

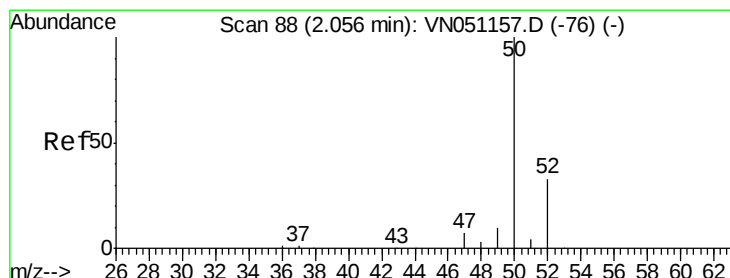
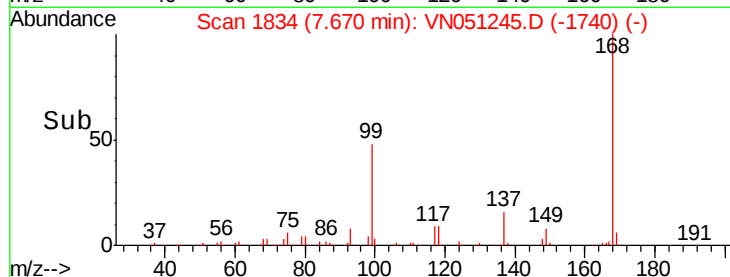
100000

50000

0

7.60 7.67 7.70

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051245.D

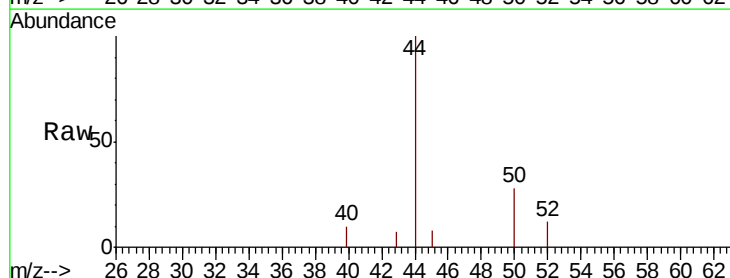
Acq: 16 Sep 2018 1:19

Tgt Ion: 50 Resp: 1707

Ion Ratio Lower Upper

50 100

52 40.7 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

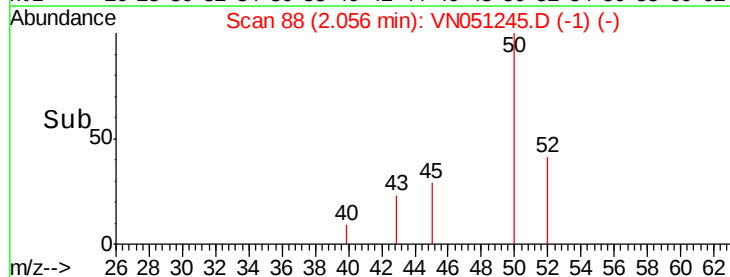
1000

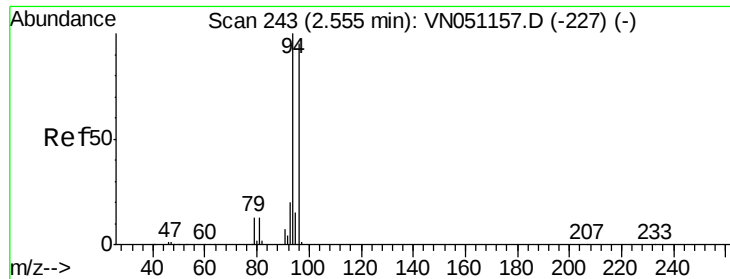
500

0

2.02 2.06 2.08 2.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :

MSVOA_N

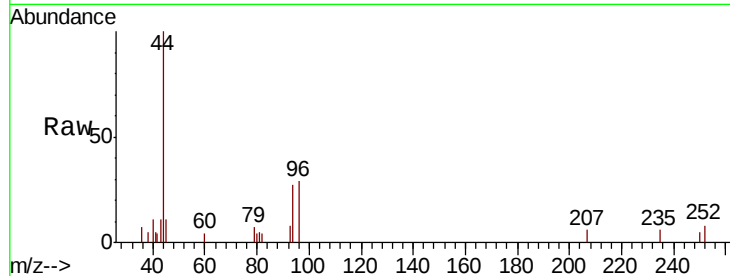
ClientSampled :

Tot Ion: 94 Resp: 2021

Ion Ratio Lower Upper

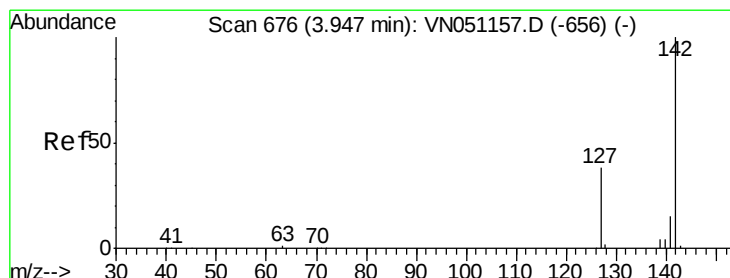
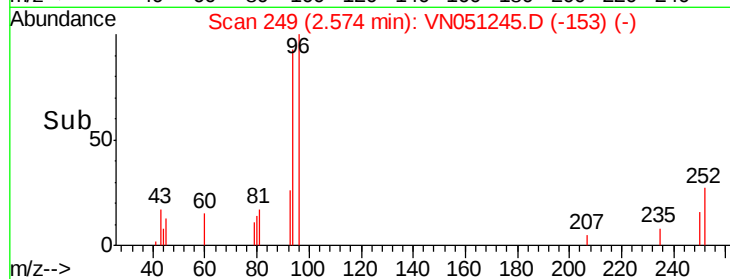
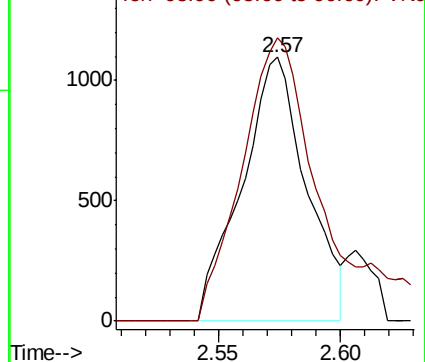
94 100

96 107.2 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 5.66 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

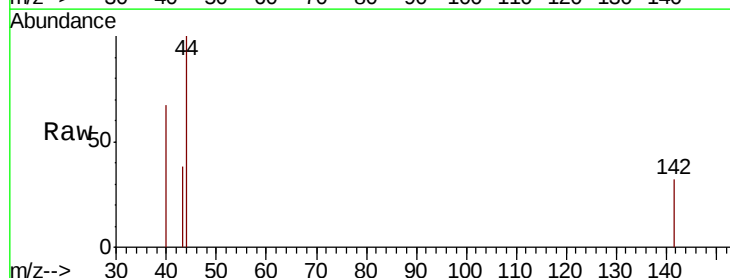
Tgt Ion: 142 Resp: 163

Ion Ratio Lower Upper

142 100

127 0.0 31.0 46.4#

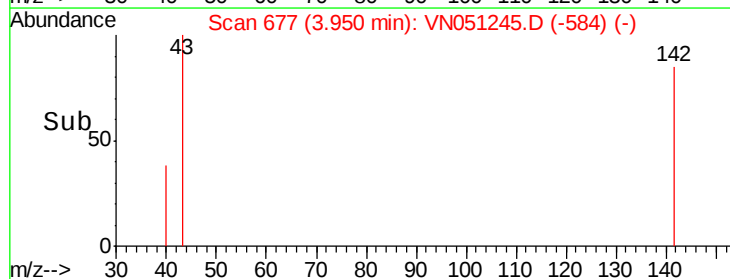
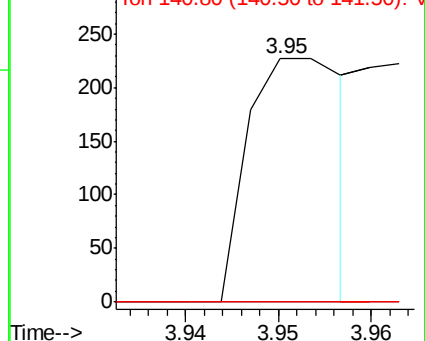
141 0.0 11.3 16.9#

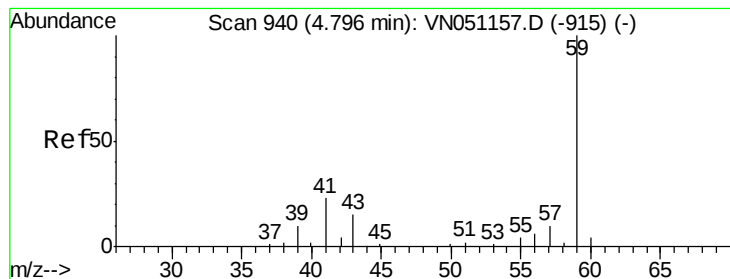


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



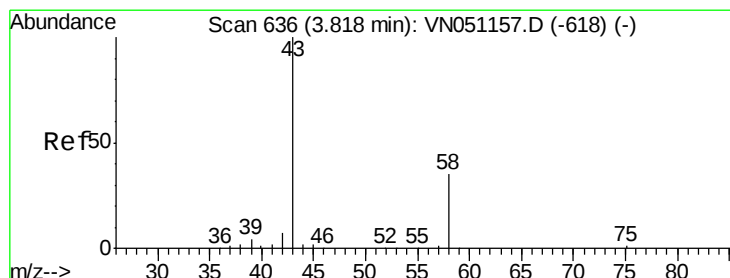
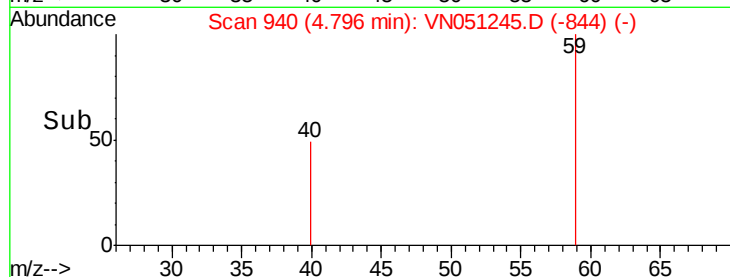
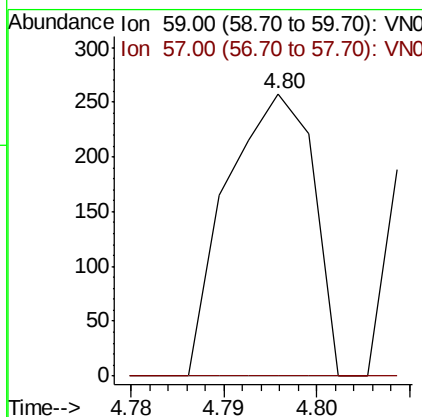
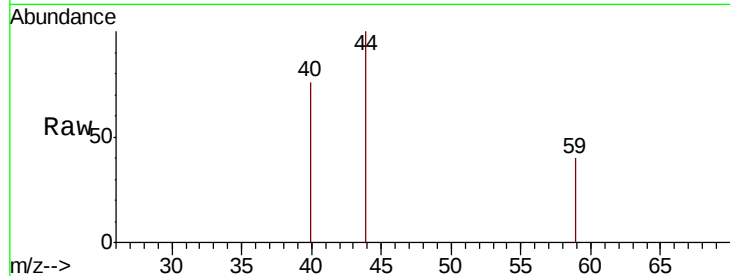


#11

Tert butyl alcohol
 Concen: 0.46 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: VN051245.D
 Acq: 16 Sep 2018 1:19

Instrument :
 MSVOA_N
 ClientSampled :

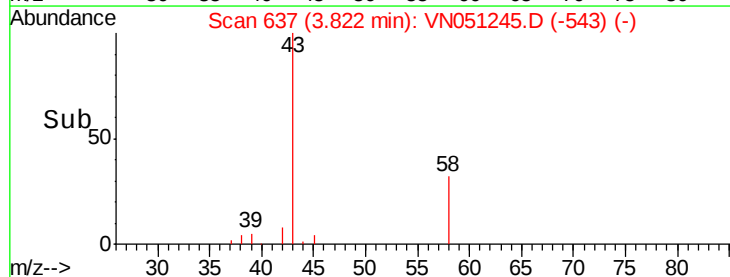
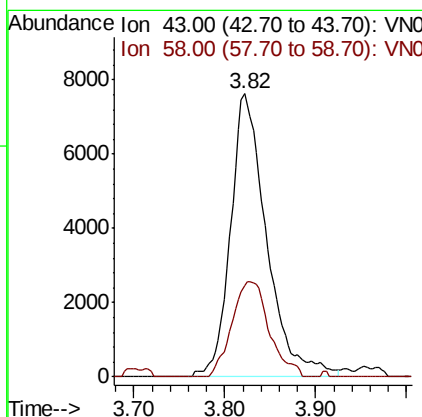
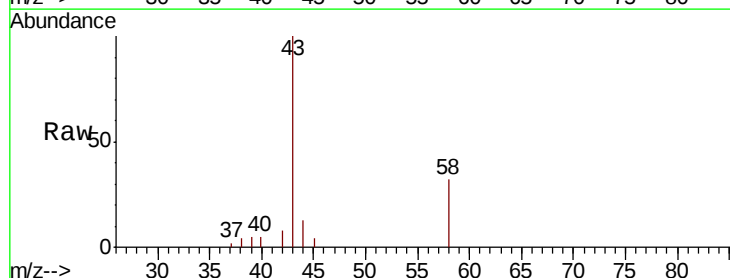
Tot Ion: 59 Resp: 166
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

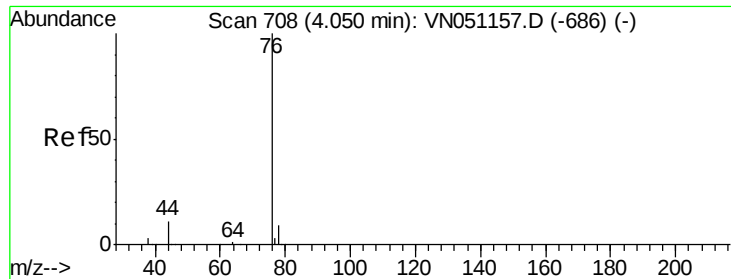


#16

Acetone
 Concen: 12.59 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051245.D
 Acq: 16 Sep 2018 1:19

Tgt Ion: 43 Resp: 21062
 Ion Ratio Lower Upper
 43 100
 58 32.3 27.8 41.6





#17

Carbon Disulfide

Concen: 0.29 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.01 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :

MSVOA_N

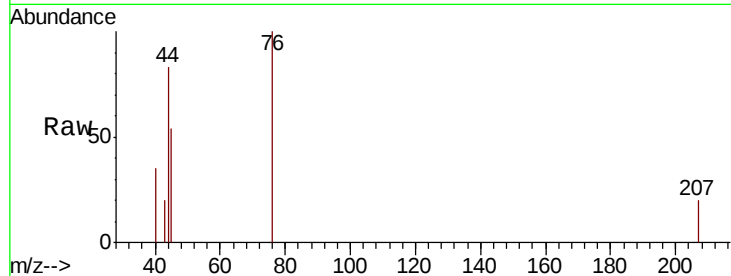
ClientSampled :

Tot Ion: 76 Resp: 2367

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN051157.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN051157.D (-686) (-)

4.06

1000

800

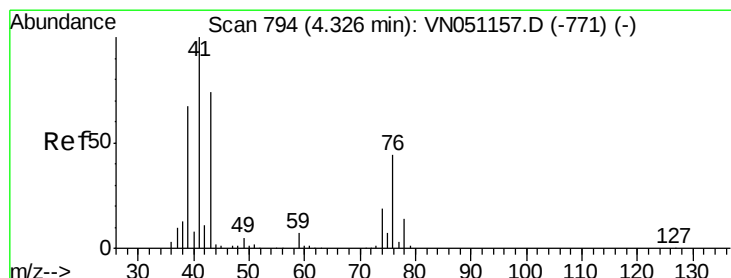
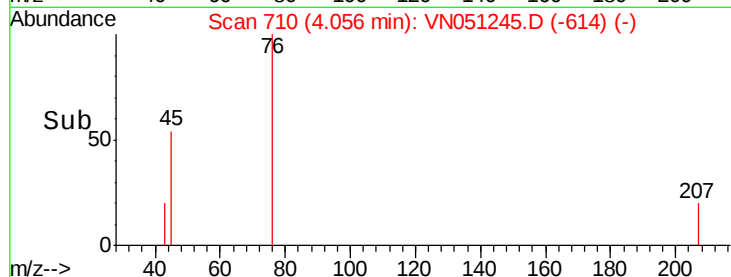
600

400

200

0

Time-->



#18

Methyl Acetate

Concen: 2.72 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051245.D

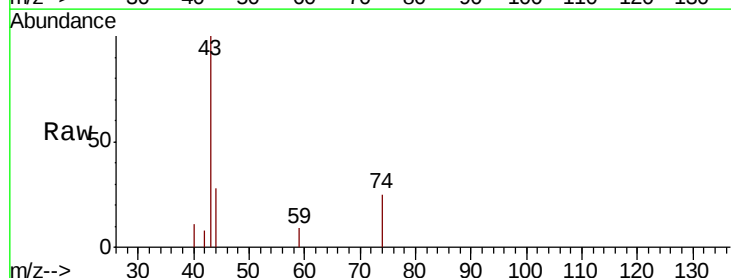
Acq: 16 Sep 2018 1:19

Tgt Ion: 43 Resp: 10230

Ion Ratio Lower Upper

43 100

74 20.6 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051157.D (-771) (-)

4.33

4000

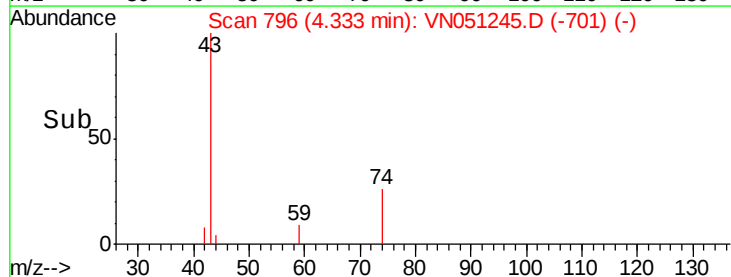
3000

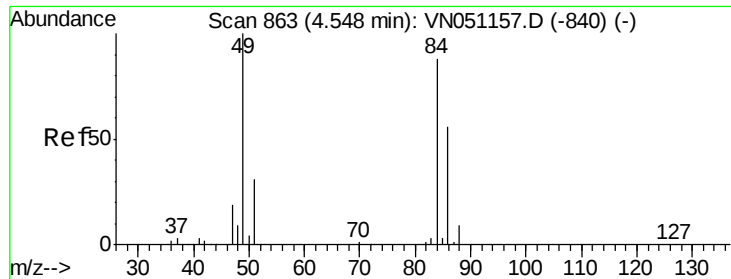
2000

1000

0

Time-->

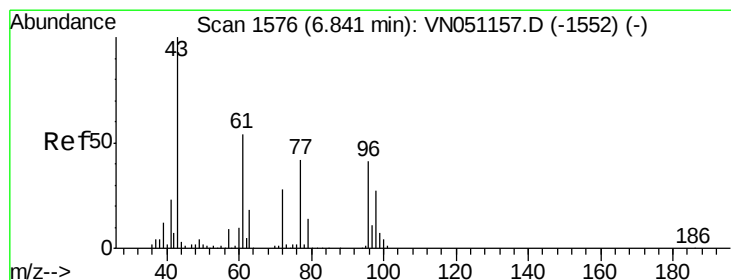
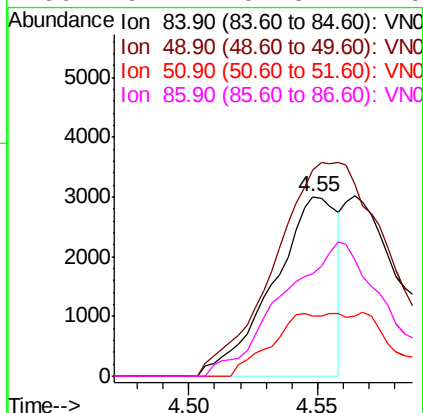
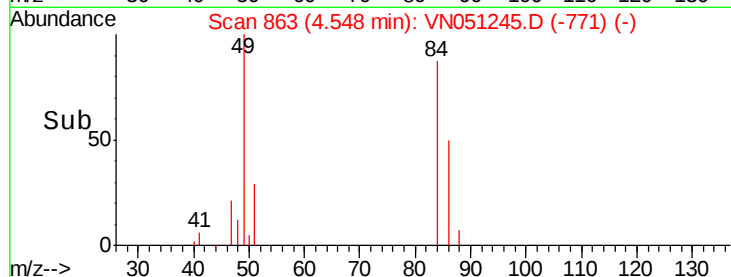
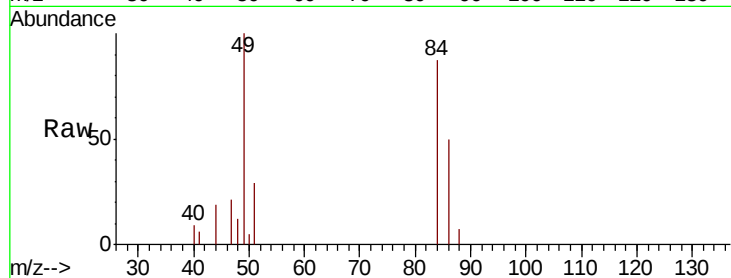




#20
Methvlene Chloride
Concen: 1.00 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN051245.D
Acq: 16 Sep 2018 1:19

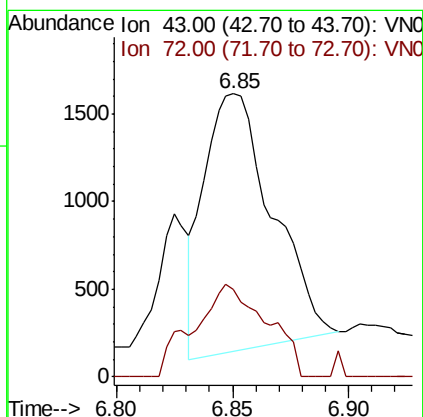
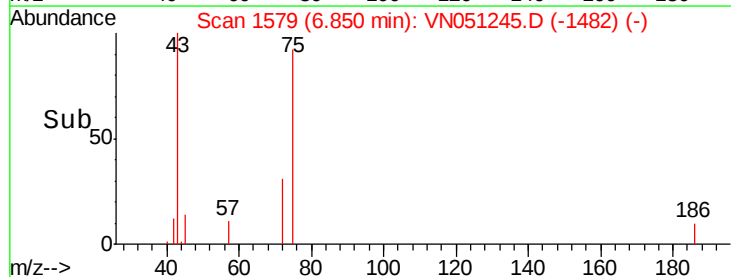
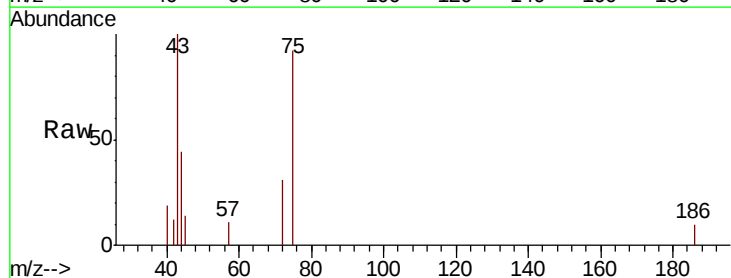
Instrument :
MSVOA_N
ClientSampled :

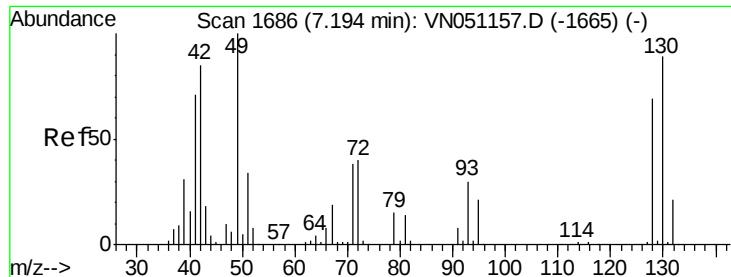
Tot Ion: 84 Resp: 5165
Ion Ratio Lower Upper
84 100
49 114.7 90.2 135.2
51 33.2 28.4 42.6
86 57.1 51.8 77.8



#25
2-Butanone
Concen: 1.63 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051245.D
Acq: 16 Sep 2018 1:19

Tgt Ion: 43 Resp: 3003
Ion Ratio Lower Upper
43 100
72 25.5 23.0 34.6

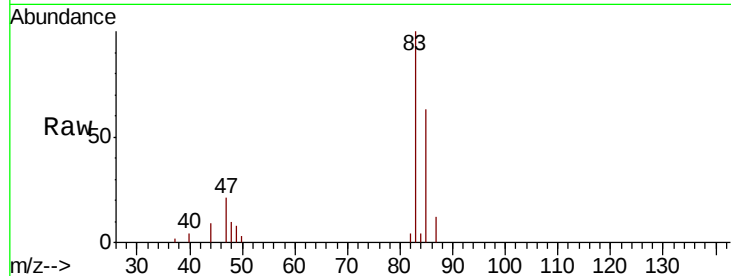




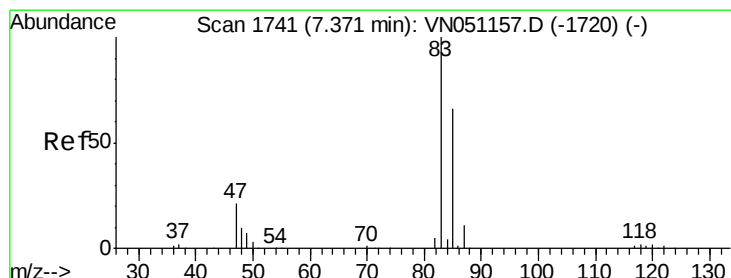
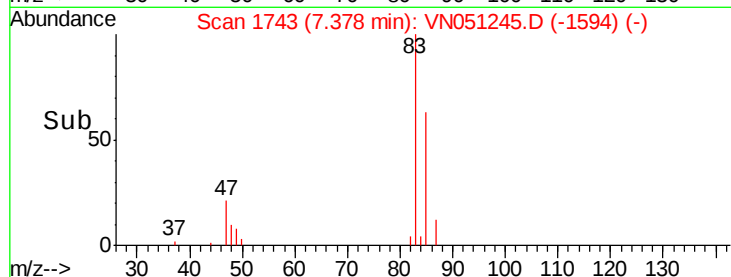
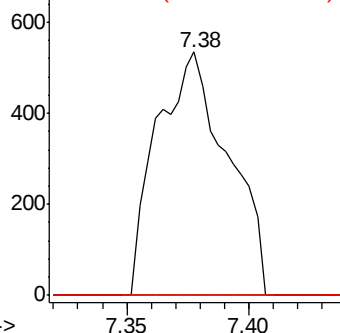
#28
Bromochloromethane
Concen: 0.28 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.18 min
Lab File: VN051245.D
Acq: 16 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 49 Resp: 1076
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 70.7 106.1#

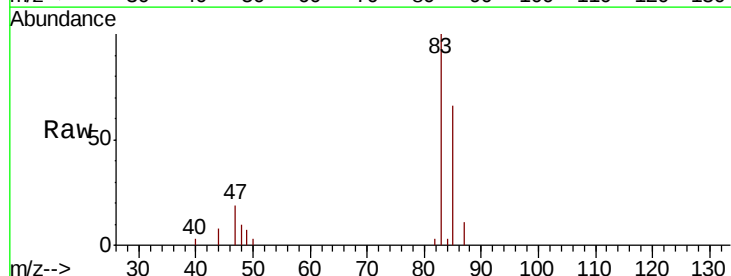


Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

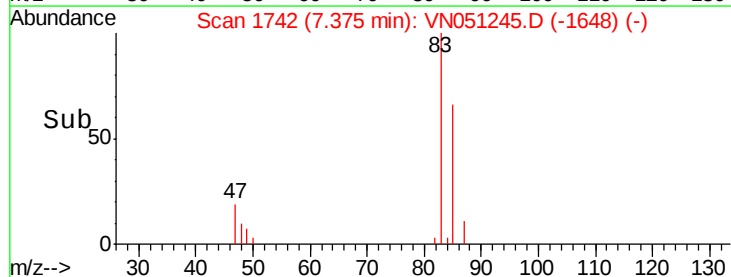
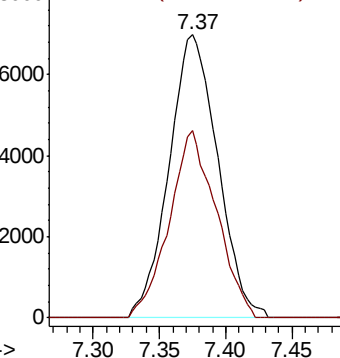


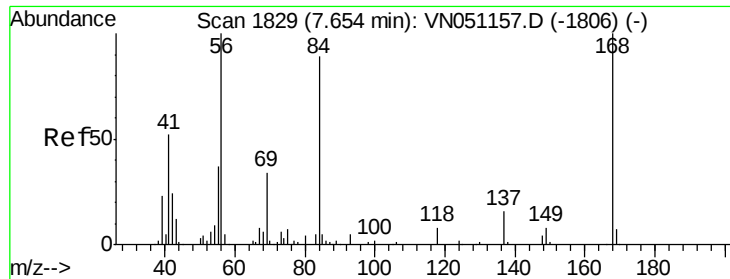
#30
Chloroform
Concen: 2.08 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051245.D
Acq: 16 Sep 2018 1:19

Tgt Ion: 83 Resp: 17847
Ion Ratio Lower Upper
83 100
85 66.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.71 ug/l

RT: 7.67 min Scan# 1835

Delta R.T. 0.02 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampled :

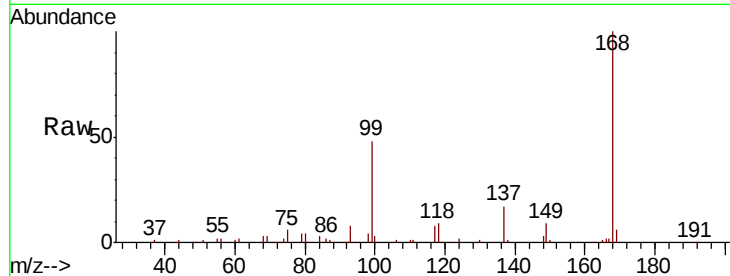
Tot Ion: 56 Resp: 7222

Ion Ratio Lower Upper

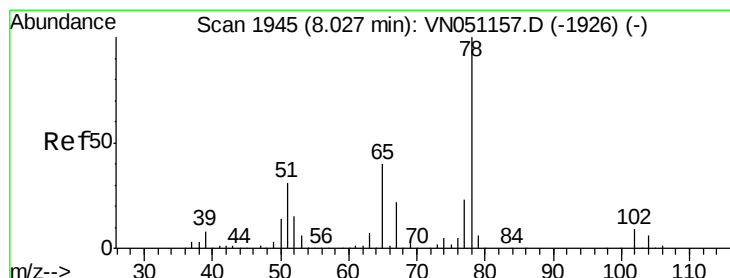
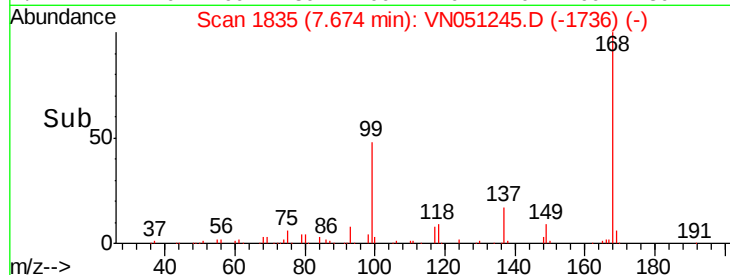
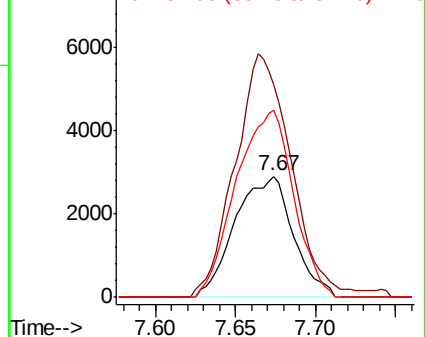
56 100

69 175.5 26.3 39.5#

84 154.3 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: 49.30 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051245.D

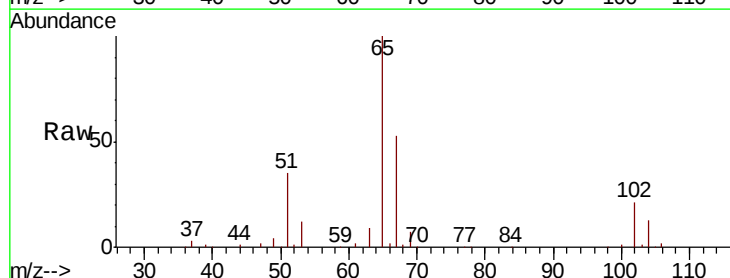
Acq: 16 Sep 2018 1:19

Tgt Ion: 65 Resp: 231568

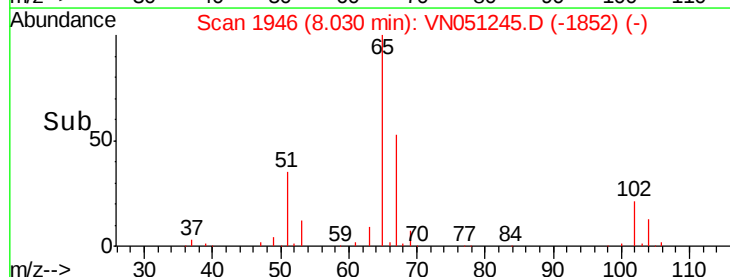
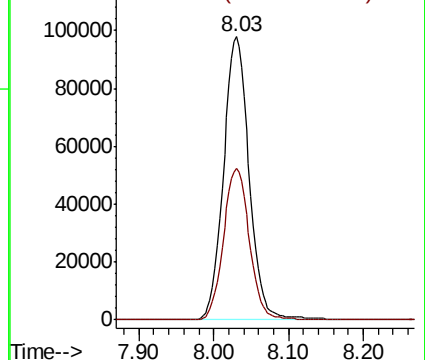
Ion Ratio Lower Upper

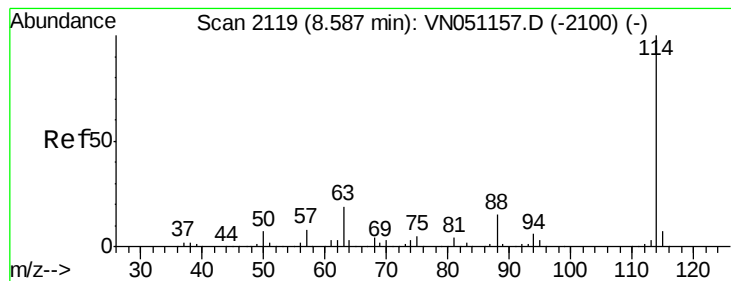
65 100

67 54.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :

MSVOA_N

ClientSampleId :

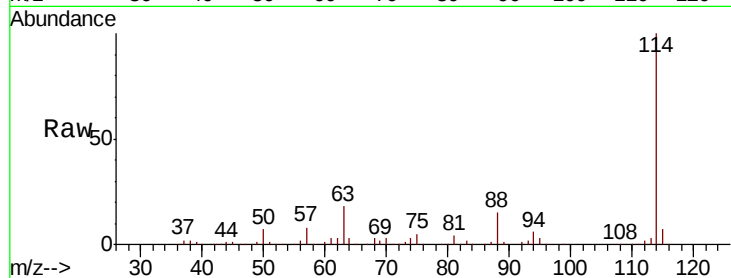
Tot Ion:114 Resp: 657436

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

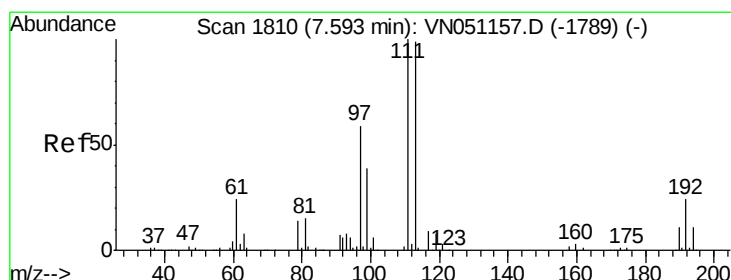
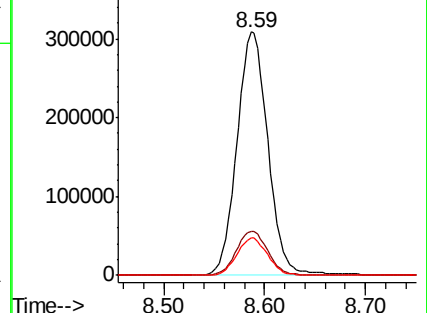
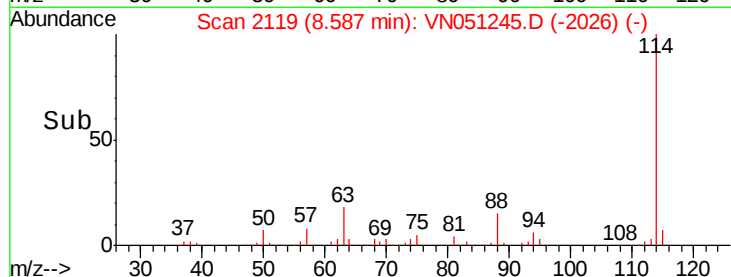
88 15.3 0.0 30.8



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: 49.95 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

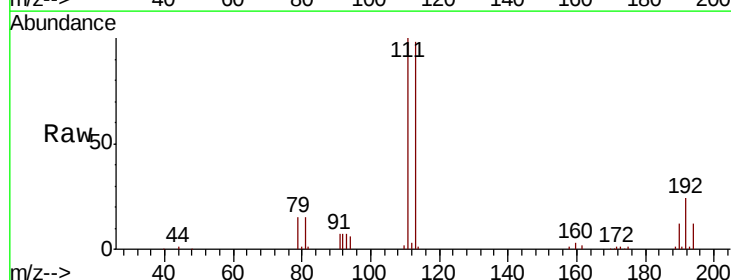
Tgt Ion:113 Resp: 246752

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

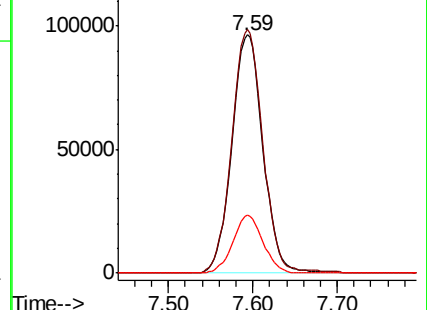
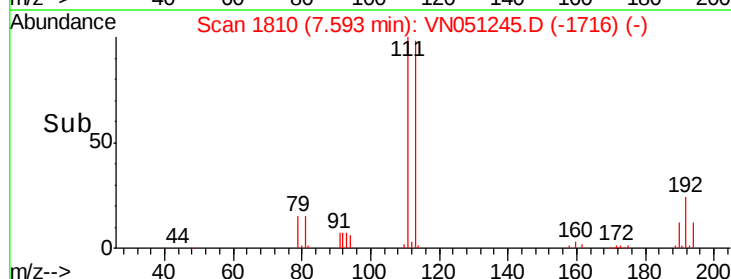
192 23.6 18.7 28.1

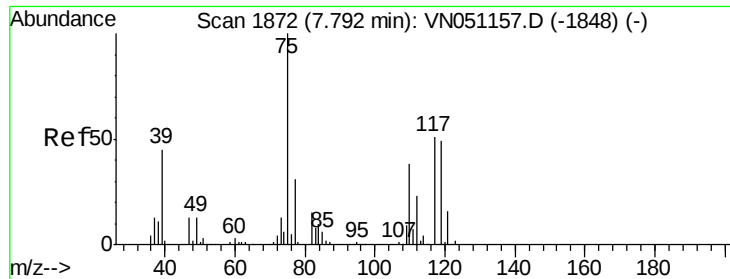


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

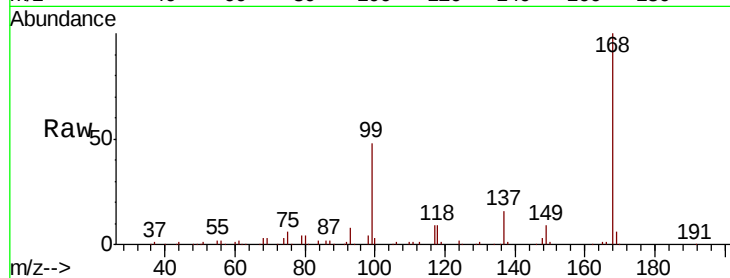




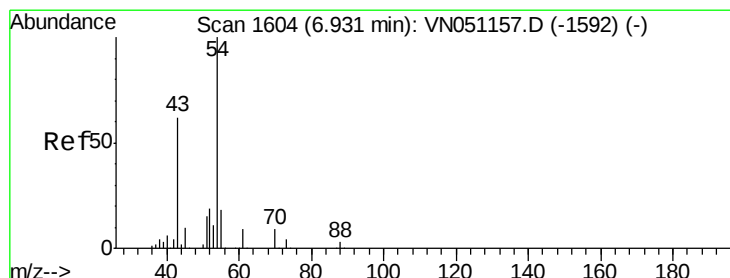
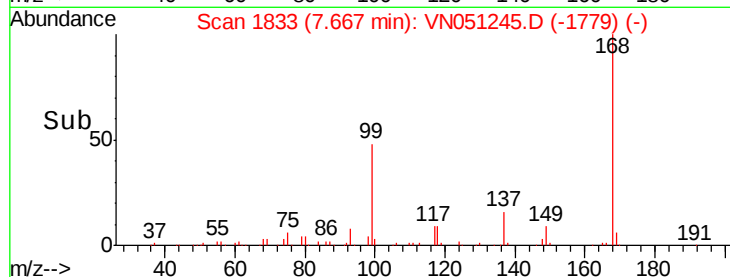
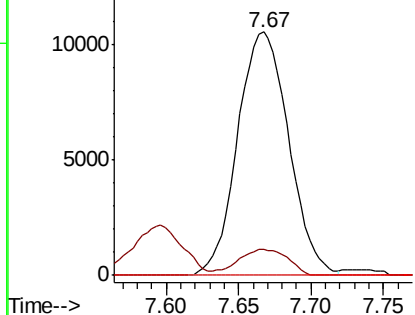
#36
 1,1-Dichloropropene
 Concen: 3.58 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051245.D
 Acq: 16 Sep 2018 1:19

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 25861
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.6 55.8#
 77 0.0 25.2 37.8#

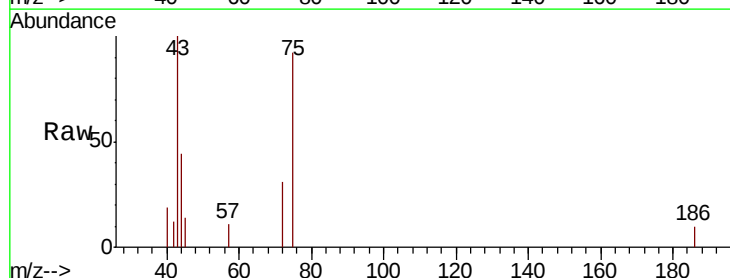


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

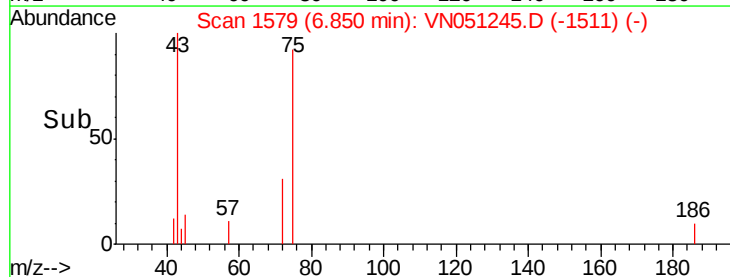
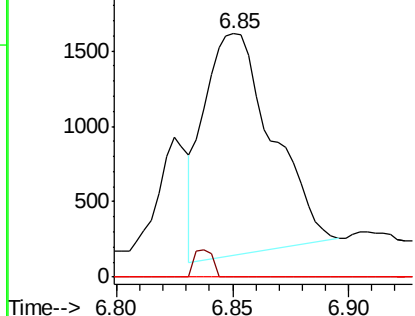


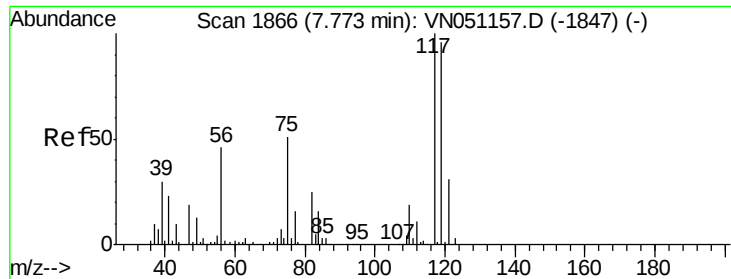
#37
 Ethyl Acetate
 Concen: 0.72 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. -0.08 min
 Lab File: VN051245.D
 Acq: 16 Sep 2018 1:19

Tgt Ion: 43 Resp: 3003
 Ion Ratio Lower Upper
 43 100
 61 3.3 12.4 18.6#
 70 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

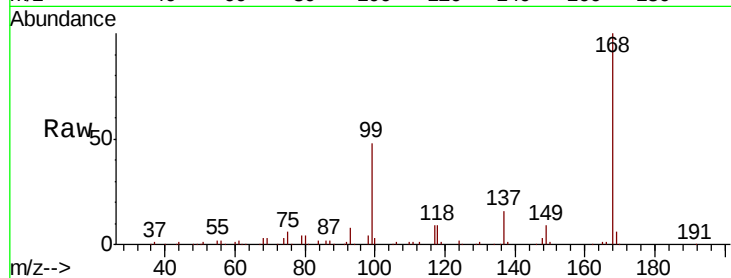




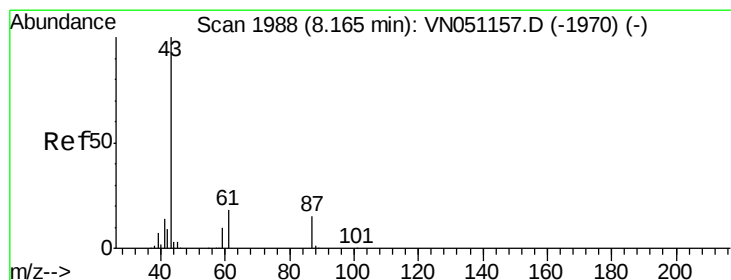
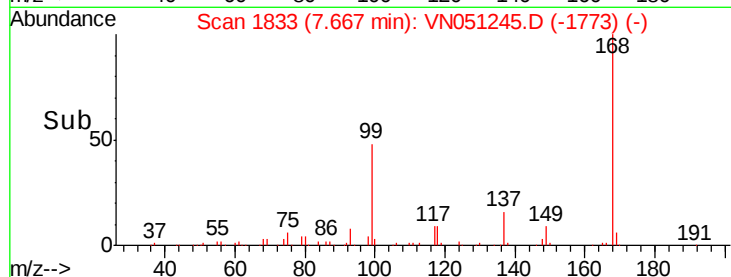
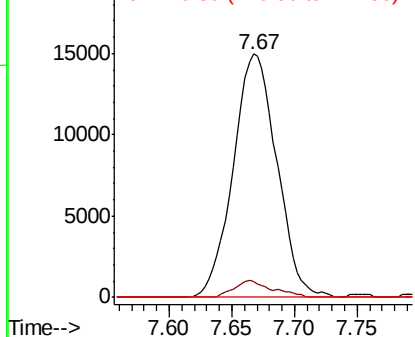
#38
Carbon Tetrachloride
Concen: 5.10 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051245.D
Acq: 16 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 36231
Ion Ratio Lower Upper
117 100
119 6.6 76.8 115.2#
121 0.0 24.6 36.8#

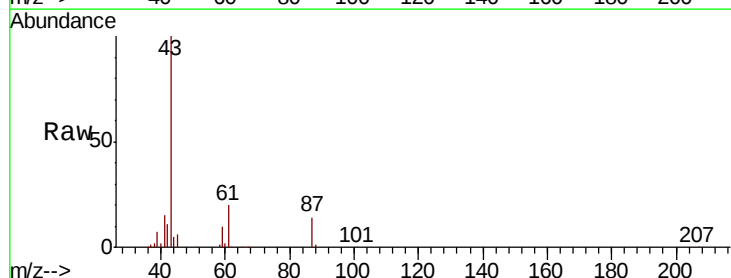


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

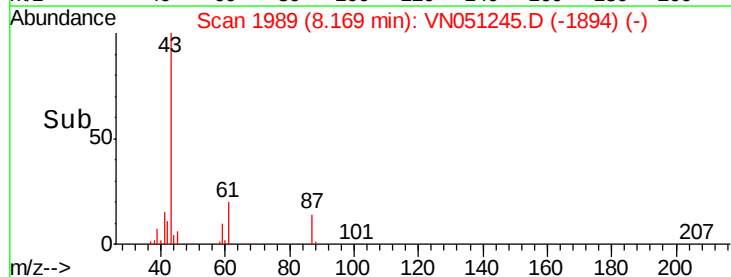
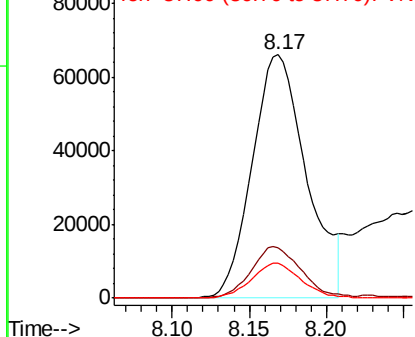


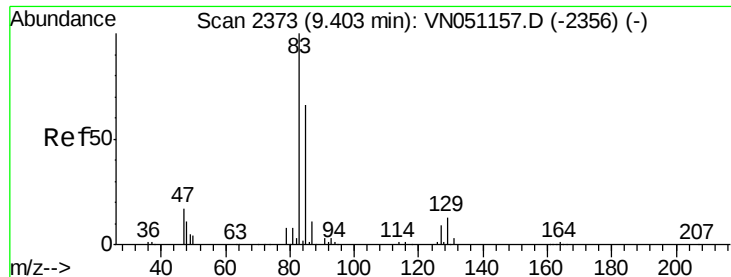
#43
Isopropyl Acetate
Concen: 21.93 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN051245.D
Acq: 16 Sep 2018 1:19

Tgt Ion: 43 Resp: 161741
Ion Ratio Lower Upper
43 100
61 19.4 25.0 37.6#
87 13.0 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#47

Bromodichloromethane

Concen: 0.64 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampled :

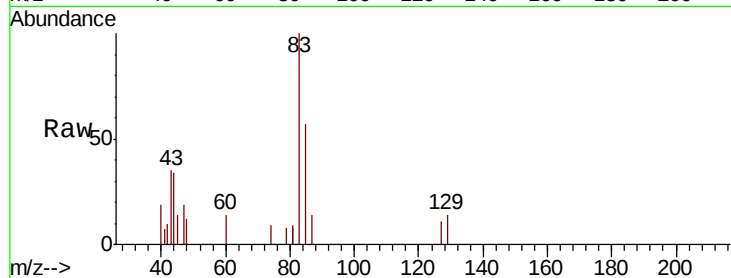
Tot Ion: 83 Resp: 4462

Ion Ratio Lower Upper

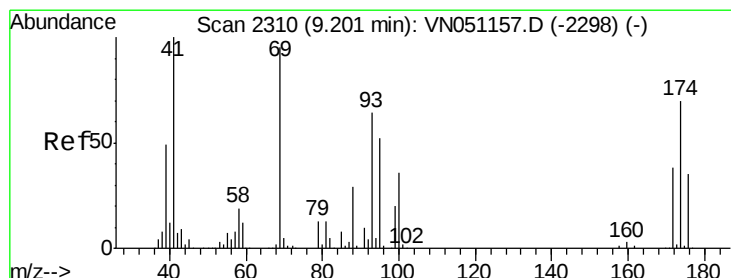
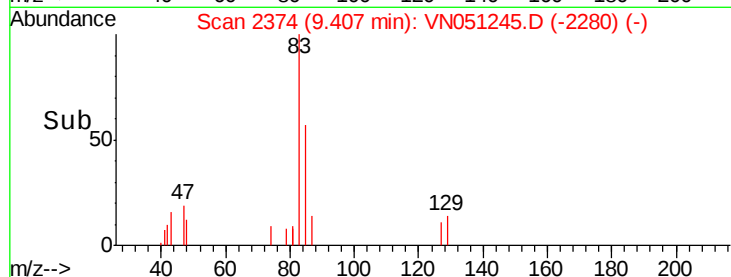
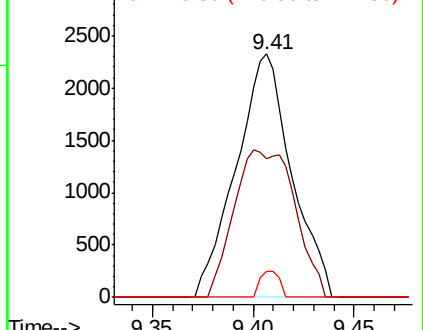
83 100

85 57.1 52.3 78.5

127 10.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.21 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

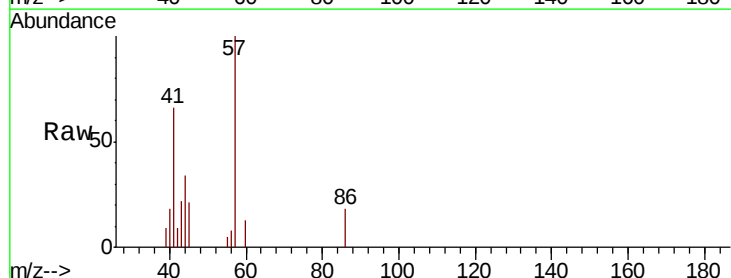
Tgt Ion: 41 Resp: 4357

Ion Ratio Lower Upper

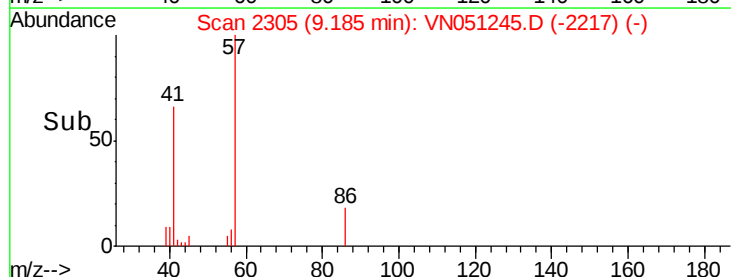
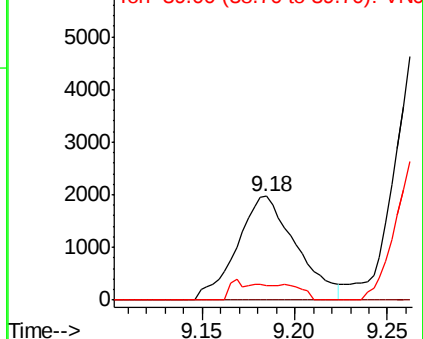
41 100

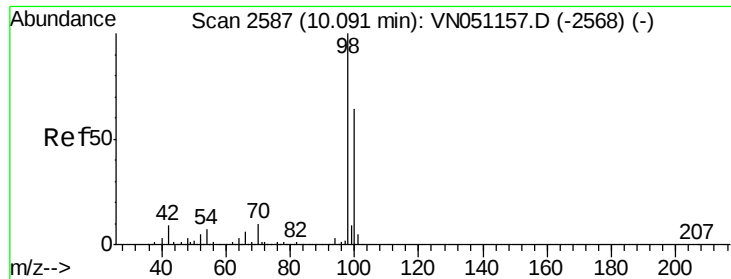
69 0.0 77.7 116.5#

39 5.6 41.6 62.4#



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

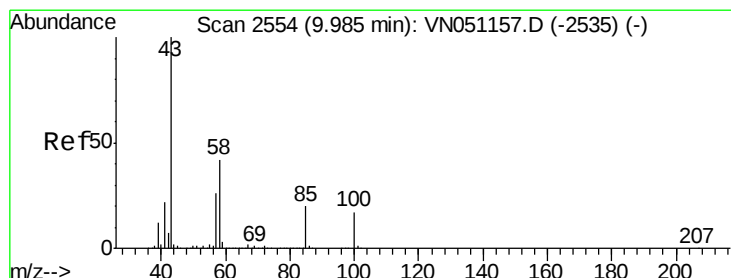
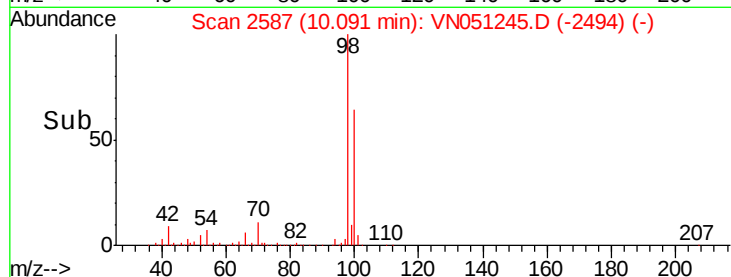
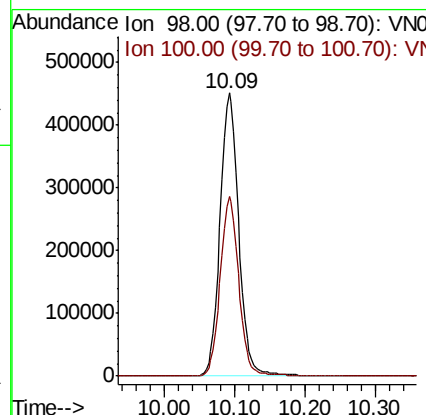
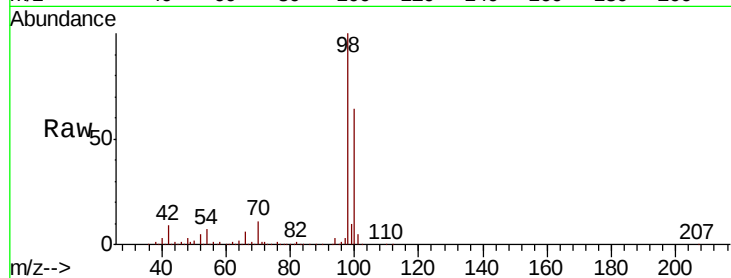




#50
Toluene-d8
Concen: 44.36 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051245.D
Acq: 16 Sep 2018 1:19

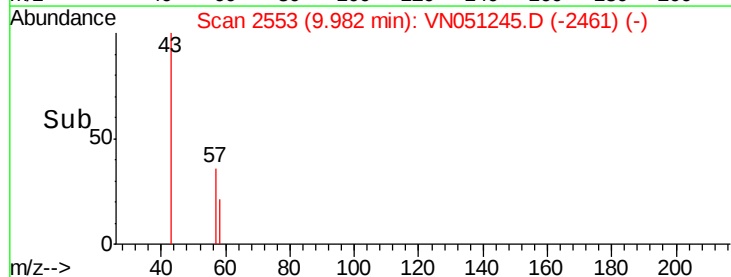
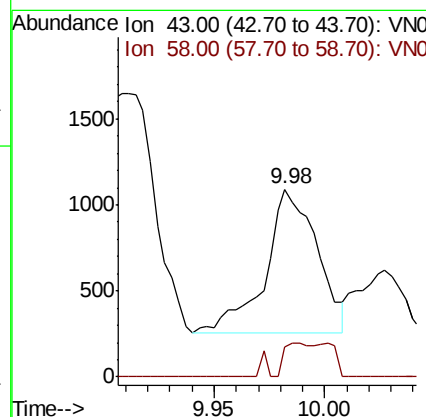
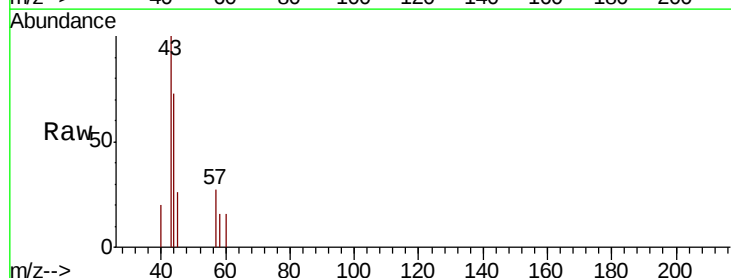
Instrument :
MSVOA_N
ClientSampled :

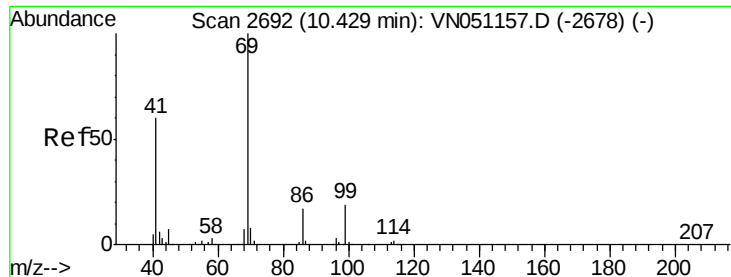
Tot Ion: 98 Resp: 831608
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.33 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN051245.D
Acq: 16 Sep 2018 1:19

Tgt Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
58 0.0 33.5 50.3#





#56

Ethyl methacrylate

Concen: 2.56 ug/l

RT: 10.23 min Scan# 2630

Delta R.T. -0.20 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :

MSVOA_N

ClientSampleId :

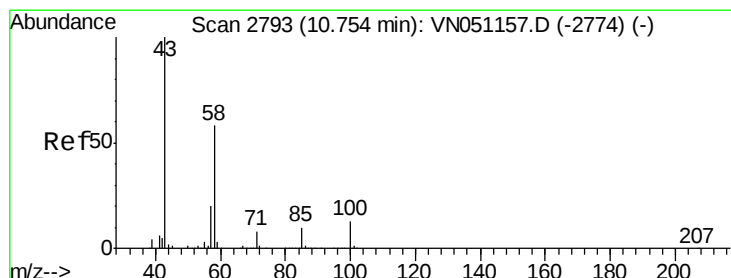
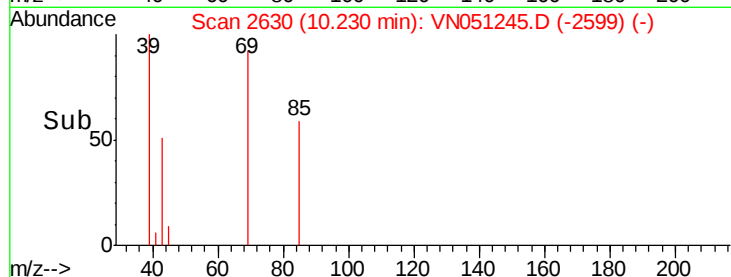
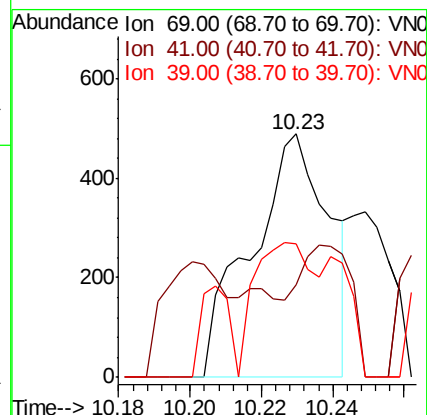
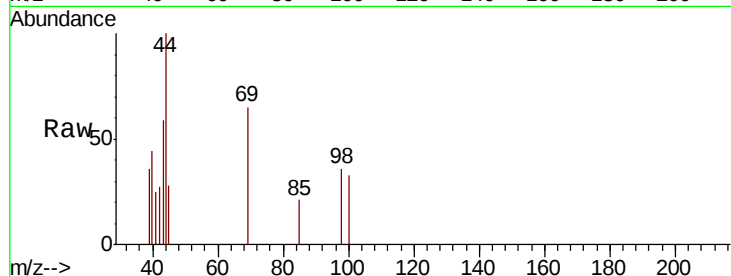
Tot Ion: 69 Resp: 736

Ion Ratio Lower Upper

69 100

41 36.5 47.8 71.8#

39 42.9 23.0 34.4#



#59

2-Hexanone

Concen: 3.42 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN051245.D

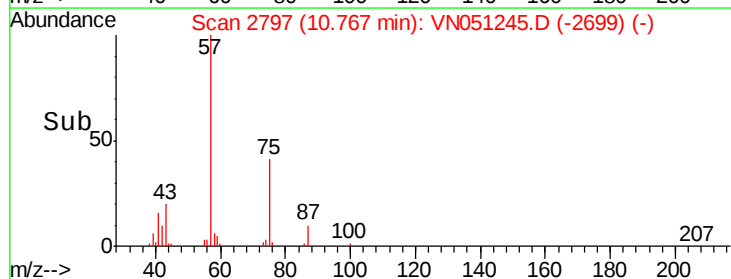
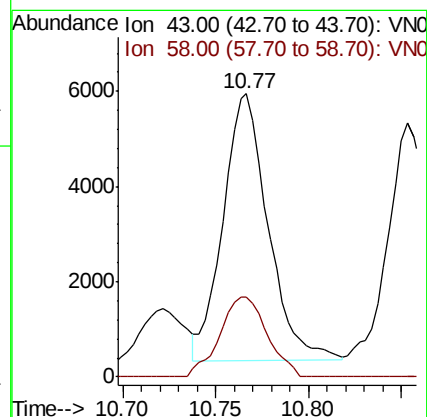
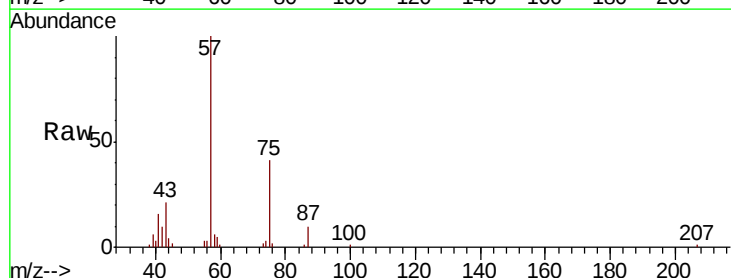
Acq: 16 Sep 2018 1:19

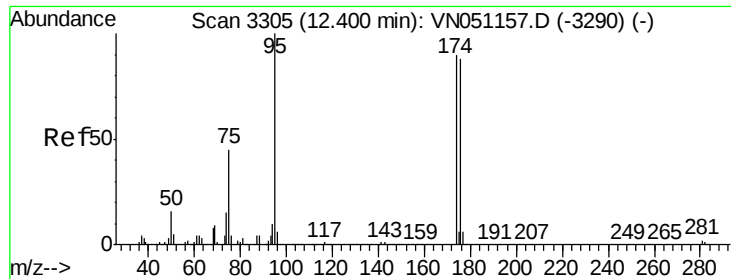
Tgt Ion: 43 Resp: 9471

Ion Ratio Lower Upper

43 100

58 31.4 29.3 88.0





#62

4-Bromofluorobenzene

Concen: 34.38 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :

MSVOA_N

ClientSampleId :

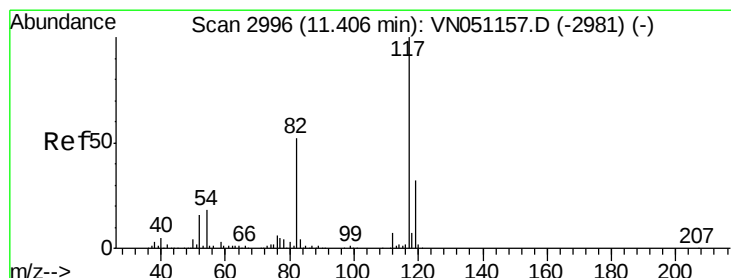
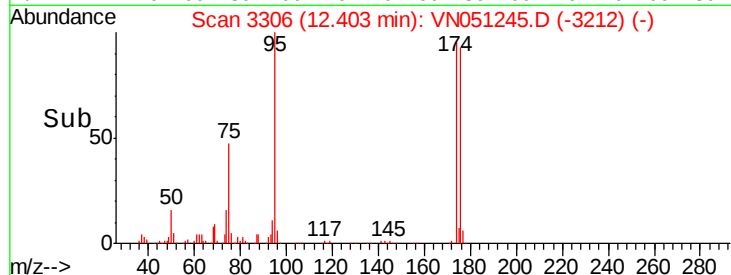
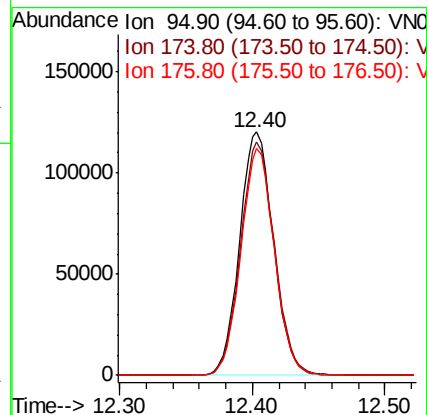
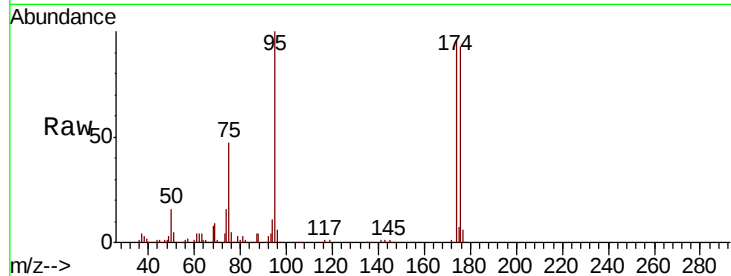
Tot Ion: 95 Resp: 213210

Ion Ratio Lower Upper

95 100

174 96.1 0.0 184.8

176 92.1 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: VN051245.D

Acq: 16 Sep 2018 1:19

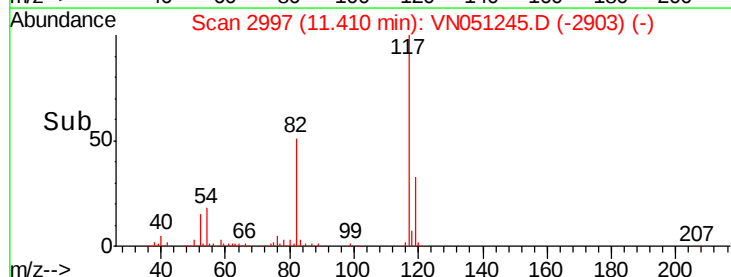
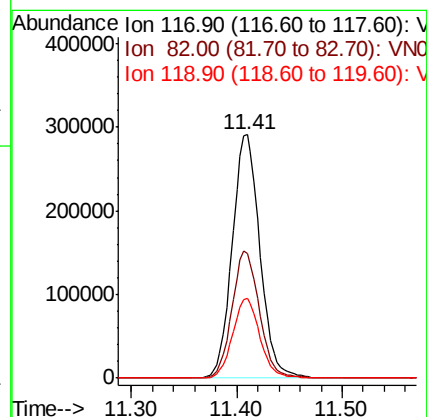
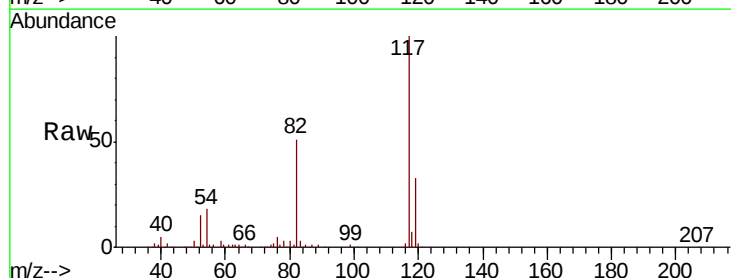
Tgt Ion: 117 Resp: 527734

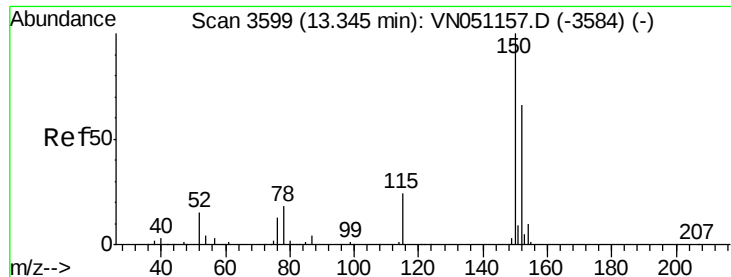
Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.6

119 32.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :

MSVOA_N

ClientSampled :

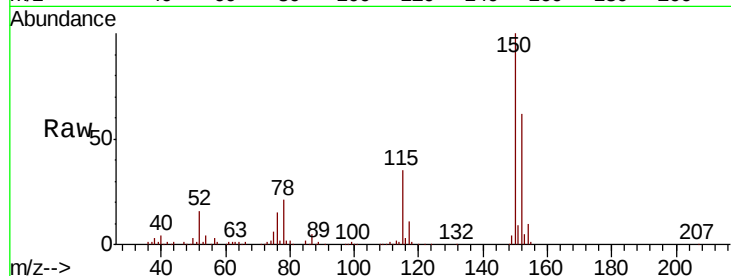
Tot Ion:152 Resp: 152311

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

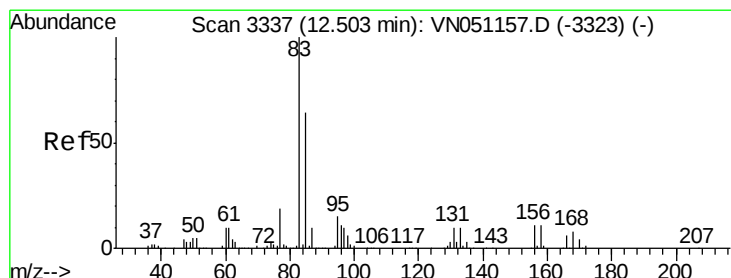
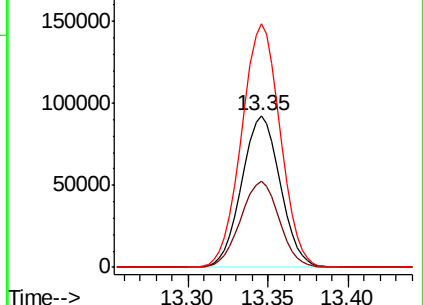
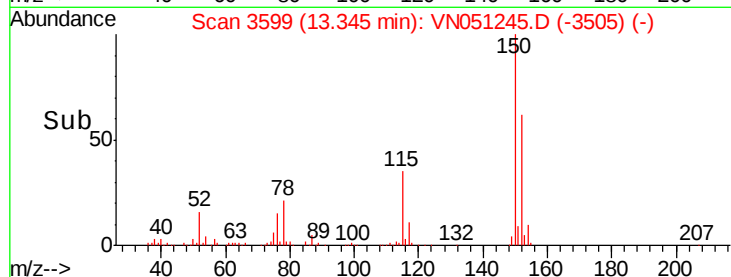
150 160.4 0.0 349.0



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

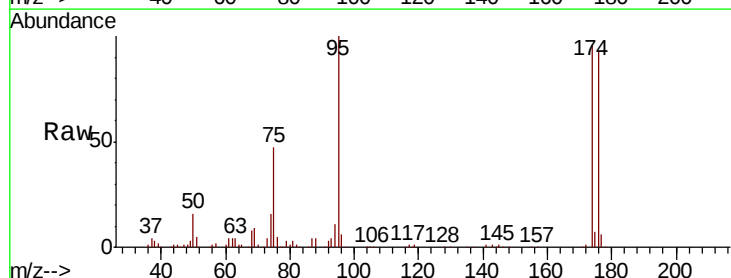
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 213.3 5.3 16.1#

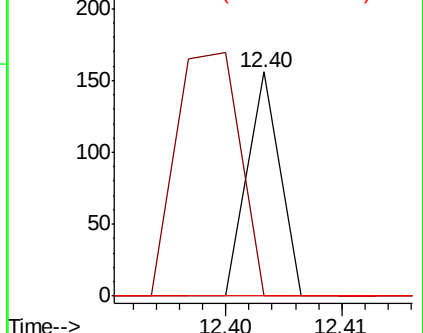
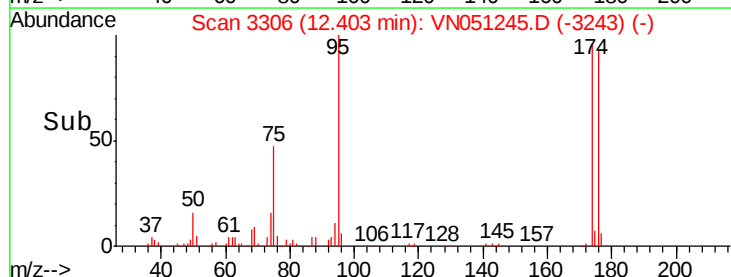
85 0.0 32.3 96.8#

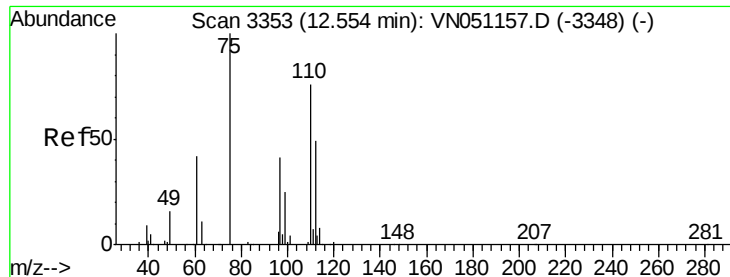


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 41.96 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :

MSVOA_N

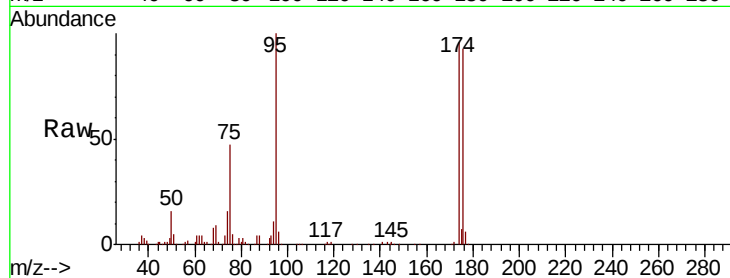
ClientSampleId :

Tot Ion: 75 Resp: 99640

Ion Ratio Lower Upper

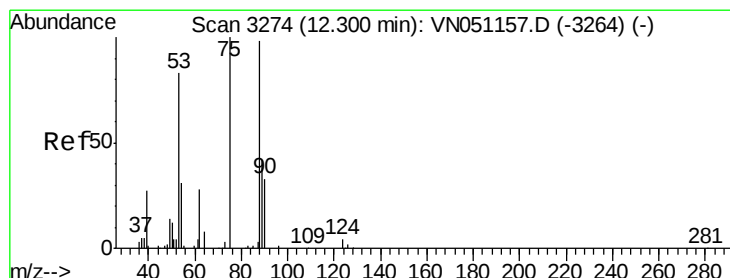
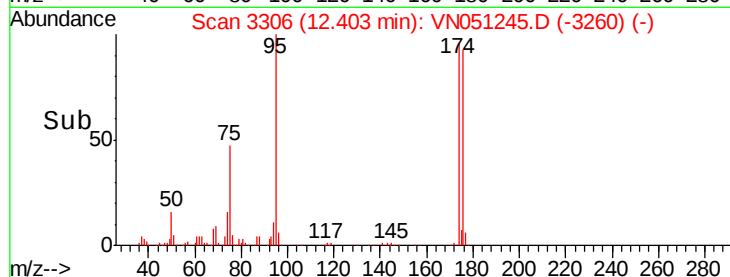
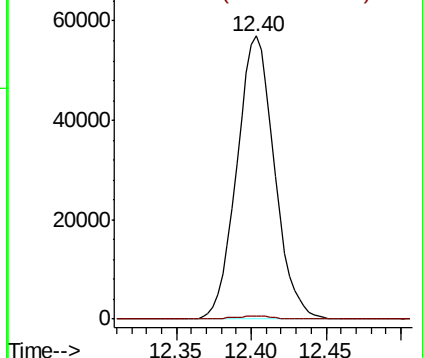
75 100

77 1.0 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: 124.24 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

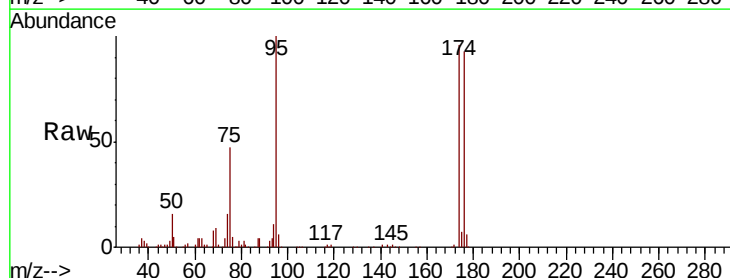
Tgt Ion: 75 Resp: 99640

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

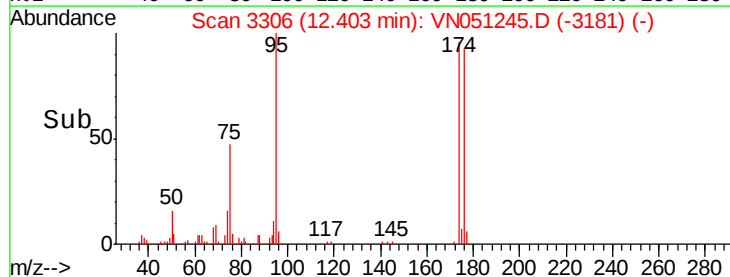
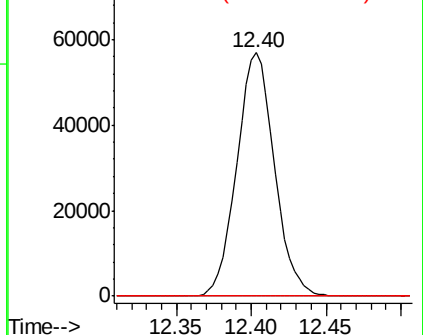
89 0.0 36.0 54.0#

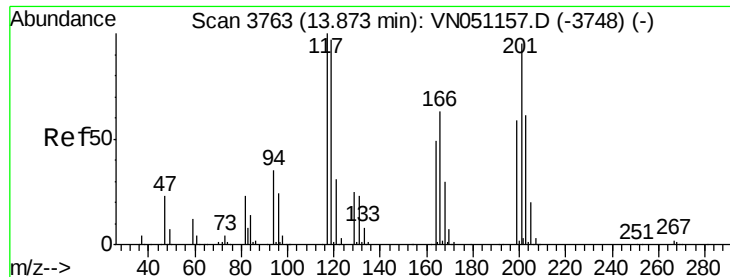


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#90

Hexachloroethane

Concen: Below Cal

RT: 13.99 min Scan# 3801

Delta R.T. 0.12 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :

MSVOA_N

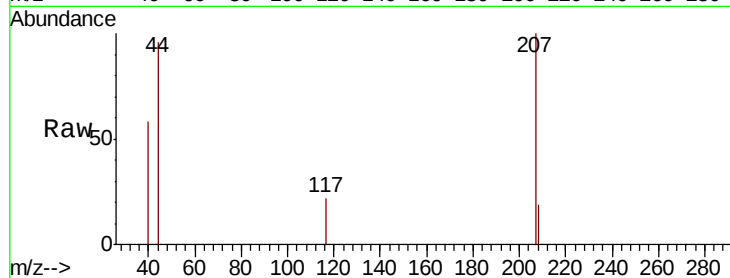
ClientSampled :

Tot Ion:117 Resp: 93

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.99

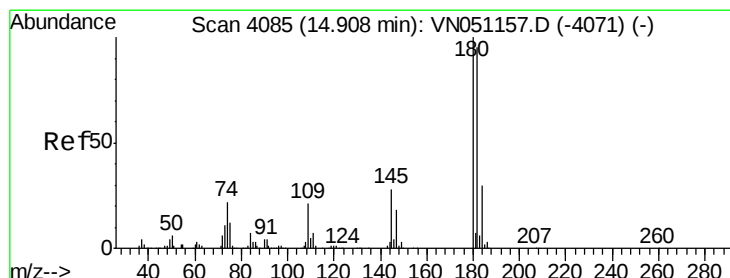
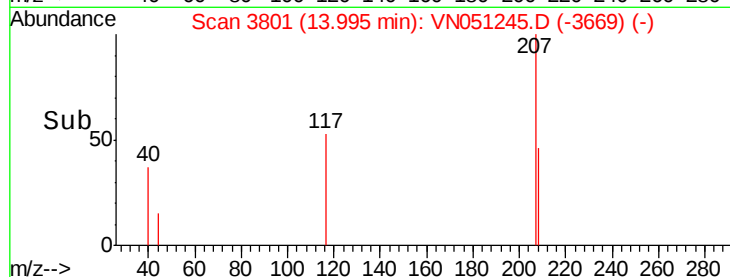
150

100

50

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.00 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

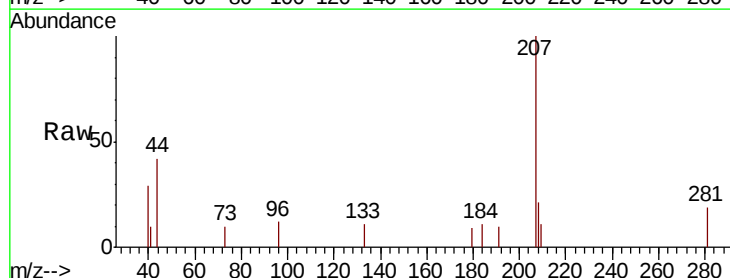
Tgt Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 50.0 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

14.91

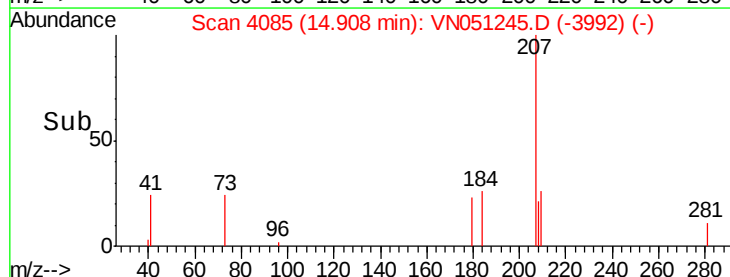
150

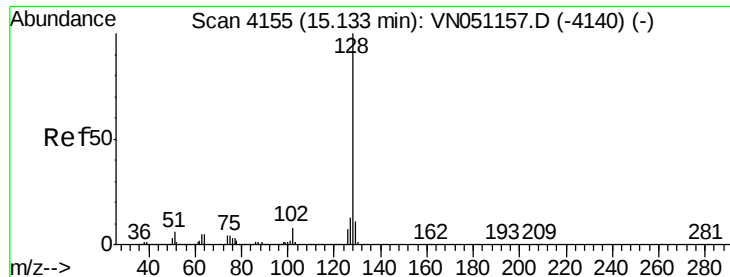
100

50

0

Time-->





#95

Naphthalene

Concen: 6.74 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

Instrument :

MSVOA_N

ClientSampleId :

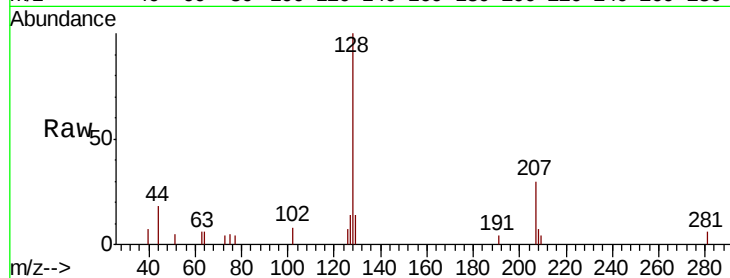
Tot Ion:128 Resp: 8976

Ion Ratio Lower Upper

128 100

127 12.3 10.6 15.8

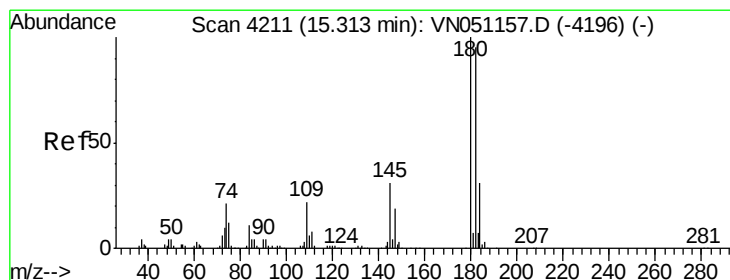
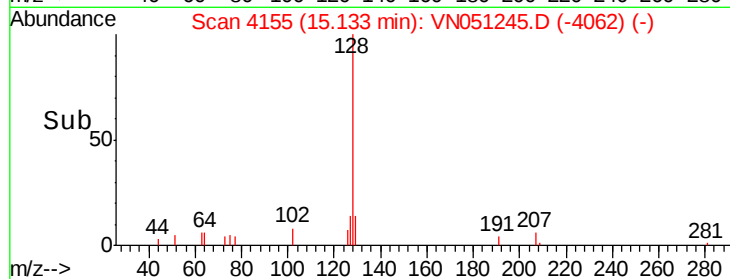
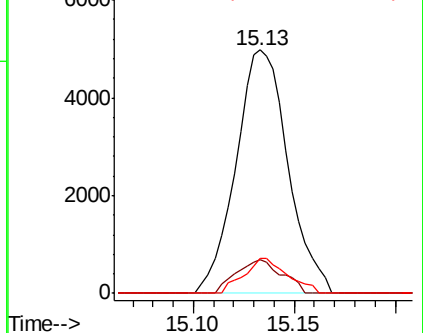
129 11.9 8.6 12.8



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: 3.03 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051245.D

Acq: 16 Sep 2018 1:19

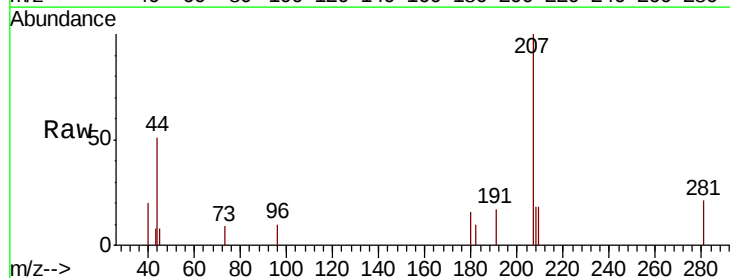
Tgt Ion:180 Resp: 226

Ion Ratio Lower Upper

180 100

182 147.3 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

