

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051151.D
 Acq On : 12 Sep 2018 14:35
 Operator : MD\SY
 Sample : J4856-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-3

Quant Time: Sep 13 07:19:46 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	598557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	972367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	378489	56.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.64%	
35) Dibromofluoromethane	7.59	113	361648	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.09	98	1312817	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	12.40	95	368506	40.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.36%	

Target Compounds

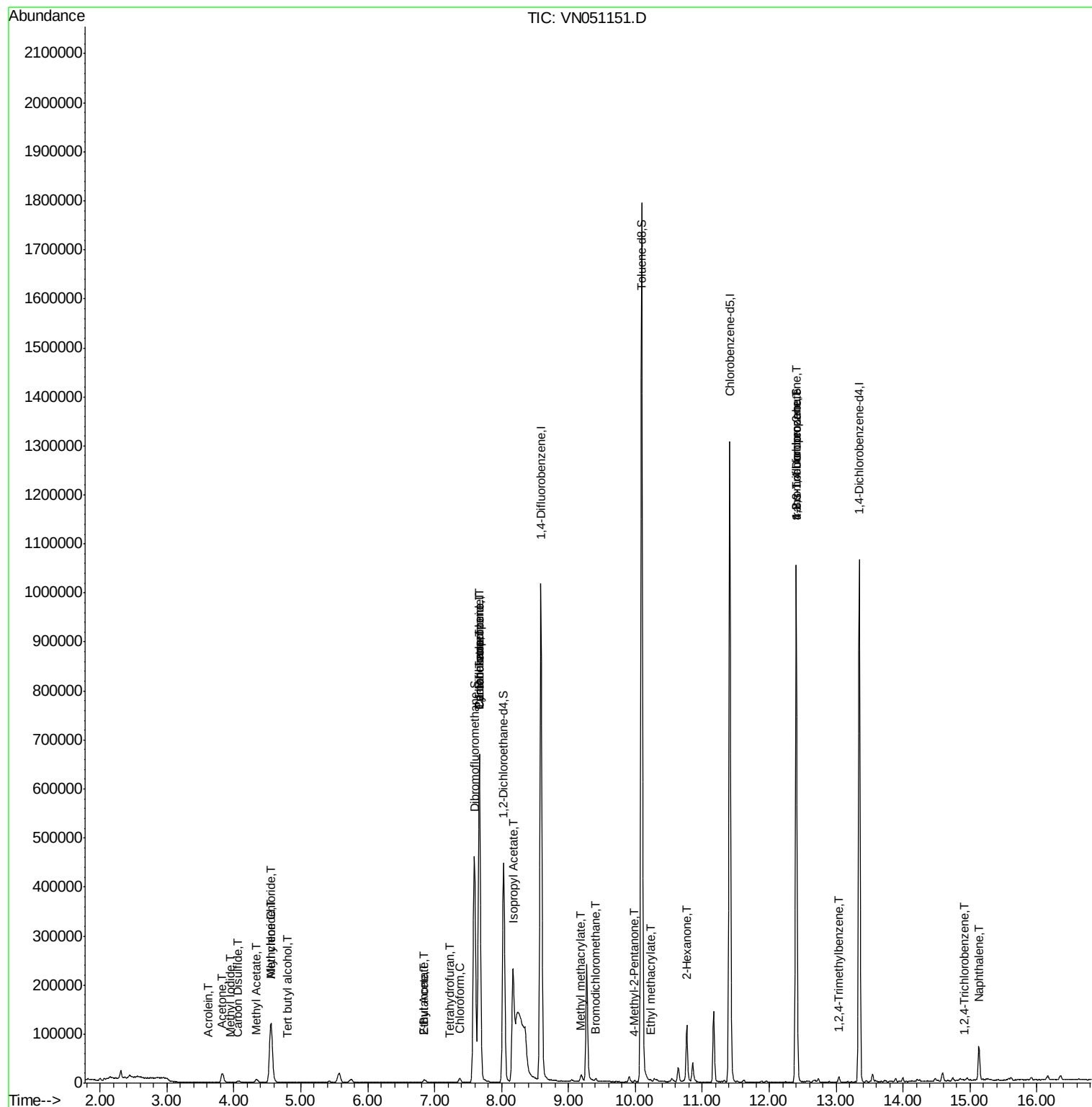
						Qvalue
3) Chloromethane	2.06	50	2334	Below Cal		98
5) Bromomethane	2.57	94	2382	Below Cal		95
10) Methyl Iodide	3.95	142	190	5.66	ug/l #	44
11) Tert butyl alcohol	4.80	59	162	0.32	ug/l #	73
13) Acrolein	3.62	56	475	24.97	ug/l #	80
14) Allyl chloride	4.55	41	3676	0.38	ug/l #	26
16) Acetone	3.83	43	32676	14.34	ug/l	96
17) Carbon Disulfide	4.05	76	2338	0.24	ug/l #	76
18) Methyl Acetate	4.34	43	12865	2.41	ug/l	93
20) Methylene Chloride	4.55	84	97691	13.28	ug/l	97
25) 2-Butanone	6.85	43	7245	2.77	ug/l	98
29) Tetrahydrofuran	7.22	42	502	0.31	ug/l #	46
30) Chloroform	7.37	83	9754	0.80	ug/l	100
31) Cyclohexane	7.66	56	9457	0.64	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38391	3.60	ug/l #	48
37) Ethyl Acetate	6.85	43	7245	1.17	ug/l #	66
38) Carbon Tetrachloride	7.67	117	51693	4.92	ug/l #	18
43) Isopropyl Acetate	8.17	43	297404	27.26	ug/l #	83
47) Bromodichloromethane	9.41	83	3257	0.32	ug/l #	82
48) Methyl methacrylate	9.18	41	8231	1.55	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	2352	0.39	ug/l #	73
56) Ethyl methacrylate	10.23	69	2716	2.72	ug/l #	78
59) 2-Hexanone	10.77	43	16237	3.97	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.41	83	65	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	168868	35.13	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	168868	104.72	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	7060	0.35	ug/l	100
90) Hexachloroethane	13.89	117	501	Below Cal	#	2
93) 1,2,4-Trichlorobenzene	14.90	180	183	4.01	ug/l #	1
95) Naphthalene	15.13	128	62476	10.19	ug/l	99

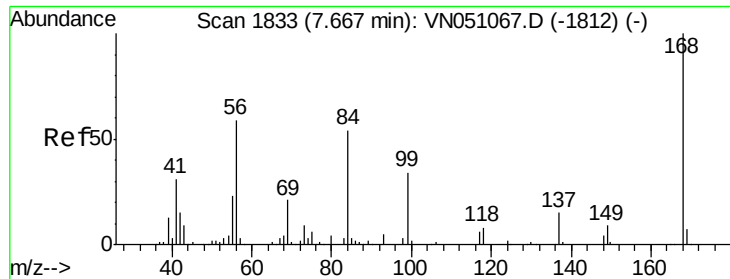
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091218\
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Quant Time: Sep 13 07:19:46 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: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

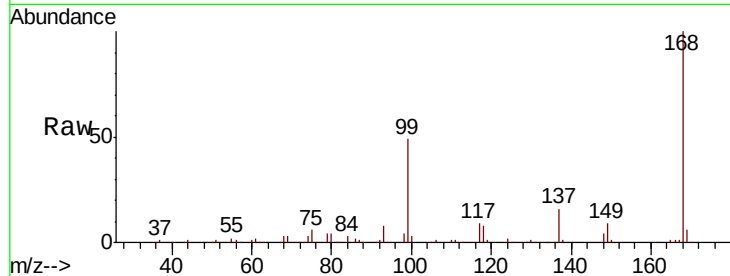
TP-1-3

Tot Ion:168 Resp: 598557

Ion Ratio Lower Upper

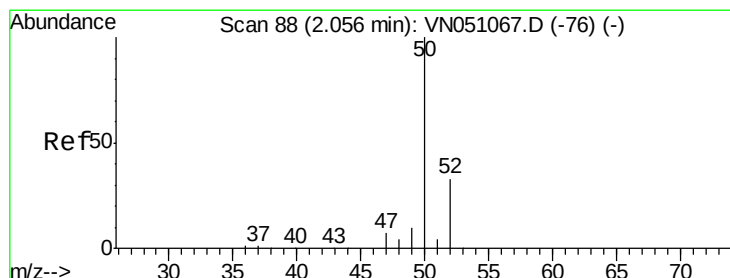
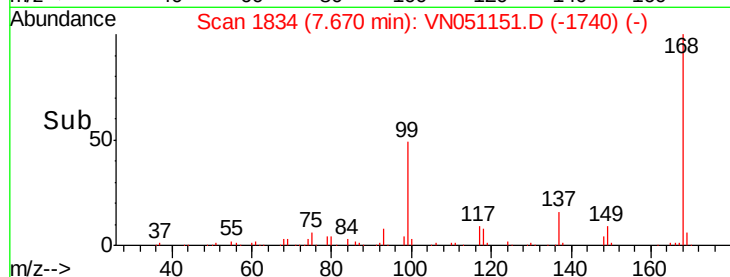
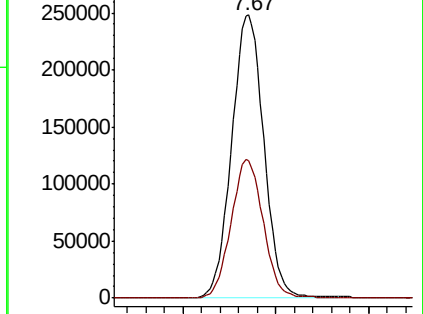
168 100

99 48.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051151.D

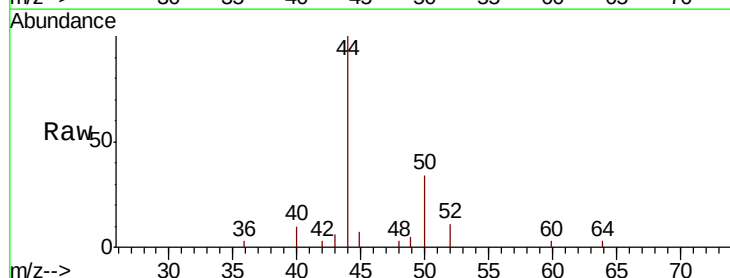
Acq: 12 Sep 2018 14:35

Tgt Ion: 50 Resp: 2334

Ion Ratio Lower Upper

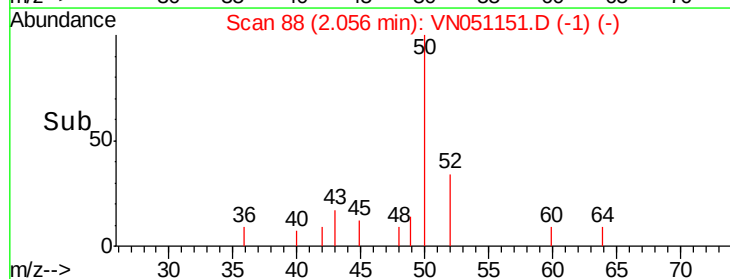
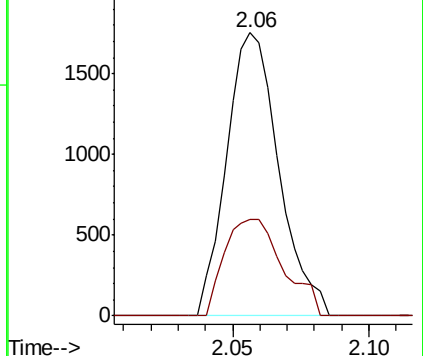
50 100

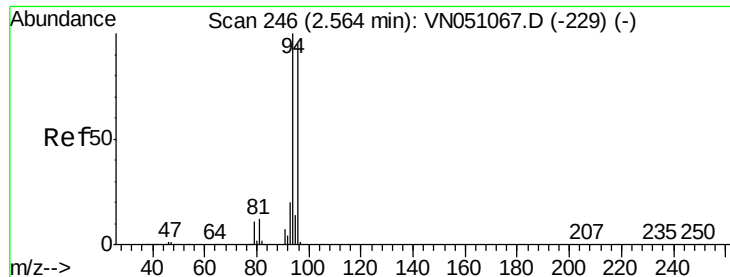
52 33.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

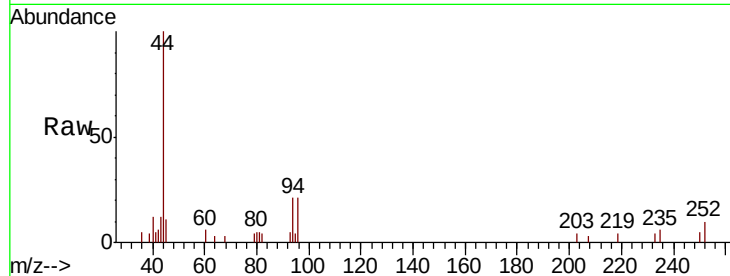
TP-1-3

Tot Ion: 94 Resp: 2382

Ion Ratio Lower Upper

94 100

96 100.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

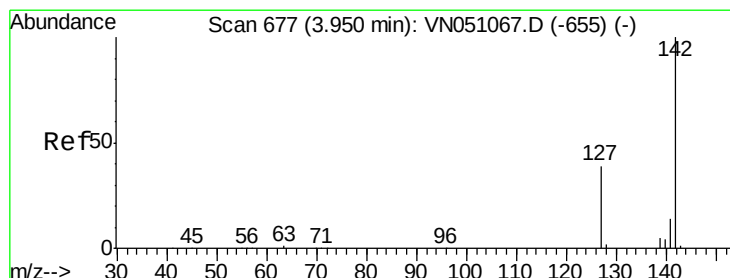
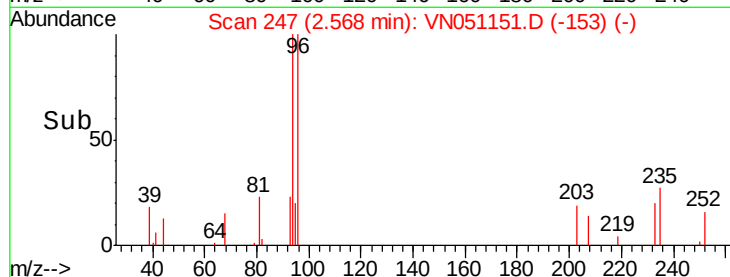
2.57

1000

500

0

Time--> 2.50 2.55 2.60



#10

Methyl Iodide

Concen: 5.66 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

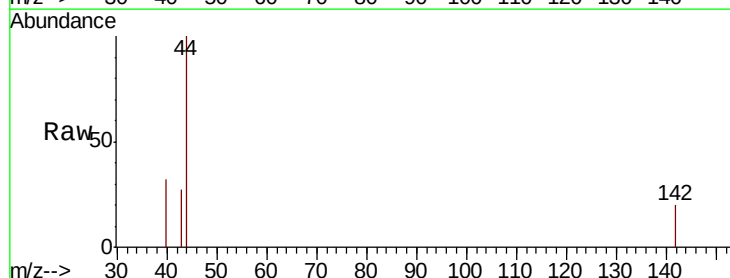
Tgt Ion: 142 Resp: 190

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

3.95

300

250

200

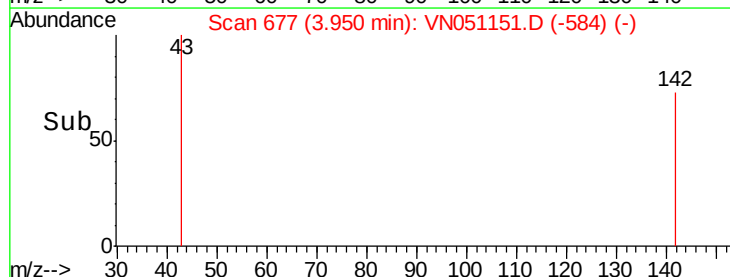
150

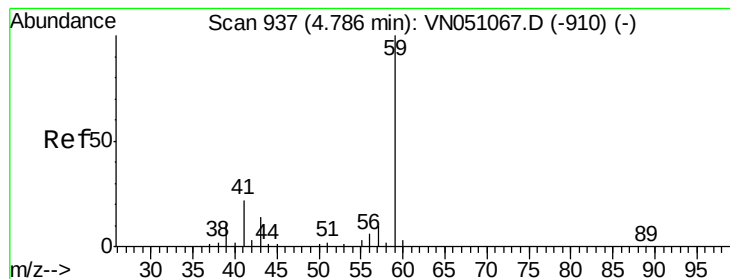
100

50

0

Time--> 3.93 3.94 3.95 3.96





#11

Tert butyl alcohol

Concen: 0.32 ug/l

RT: 4.80 min Scan# 940

Delta R.T. 0.01 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

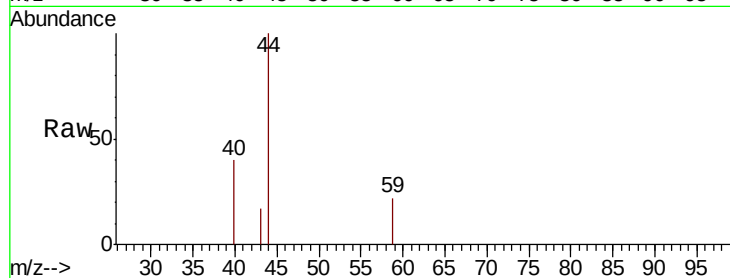
TP-1-3

Tot Ion: 59 Resp: 162

Ion Ratio Lower Upper

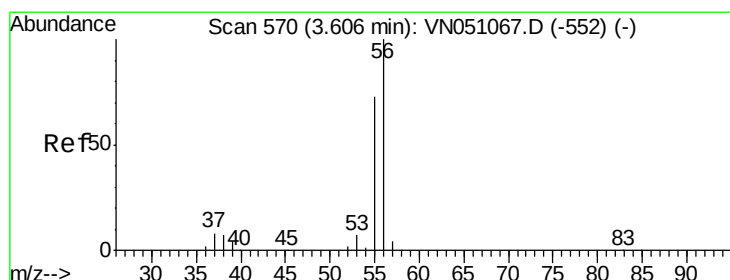
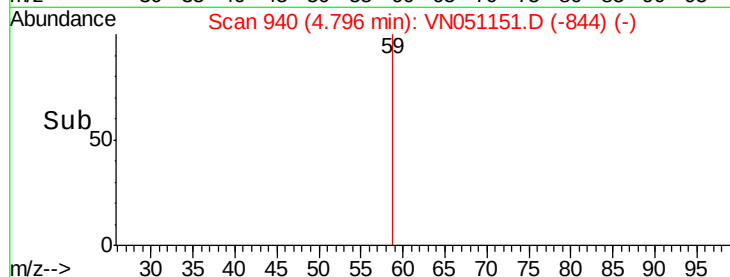
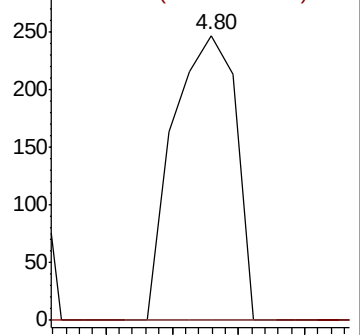
59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 24.97 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.02 min

Lab File: VN051151.D

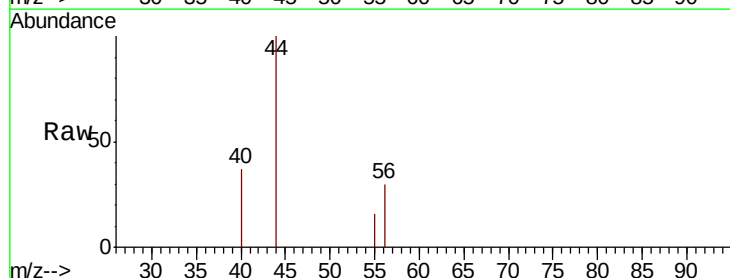
Acq: 12 Sep 2018 14:35

Tgt Ion: 56 Resp: 475

Ion Ratio Lower Upper

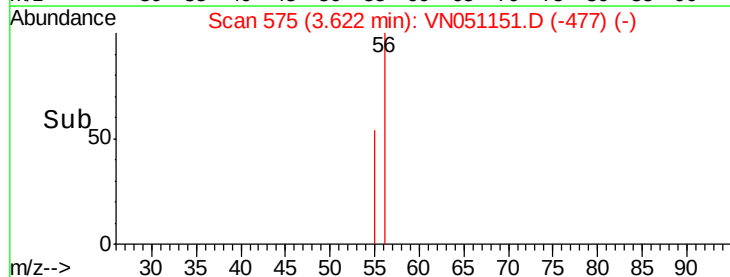
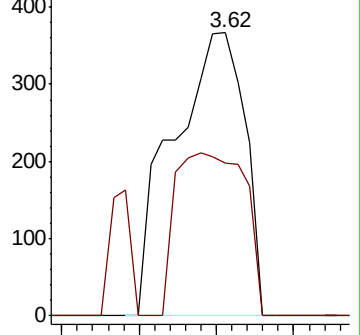
56 100

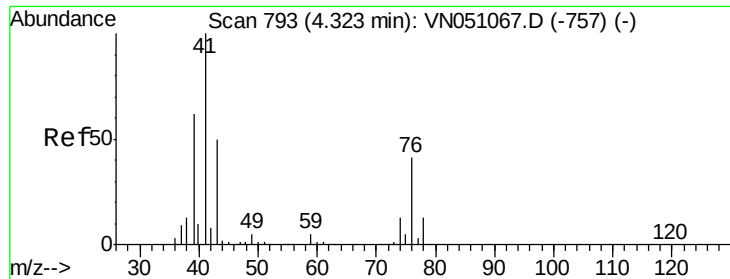
55 55.8 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

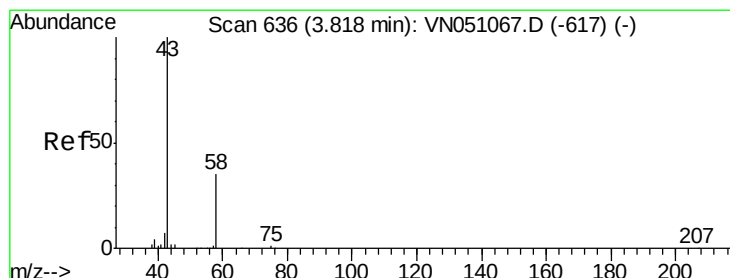
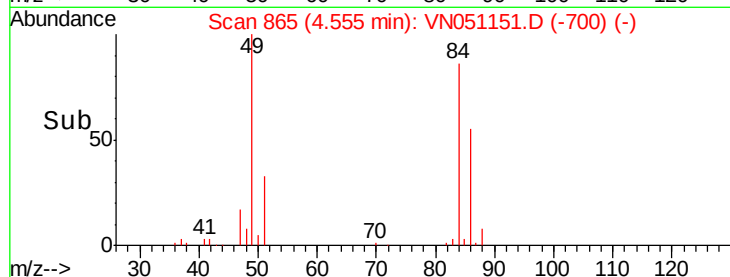
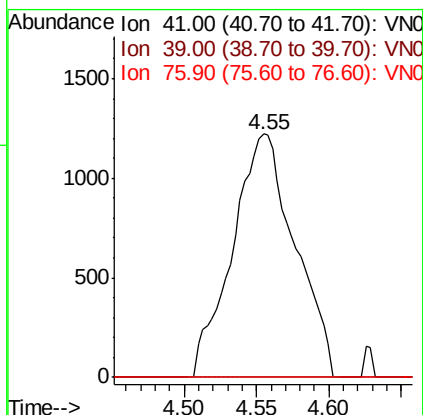
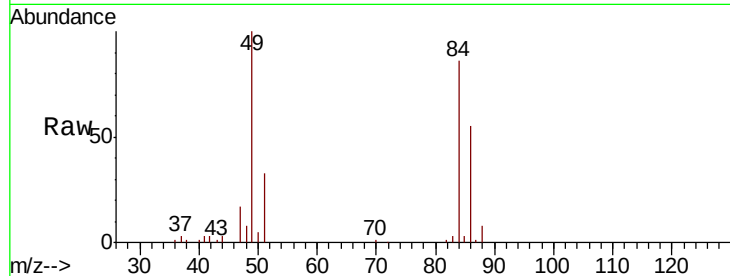




#14
Allvl chloride
Concen: 0.38 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.23 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

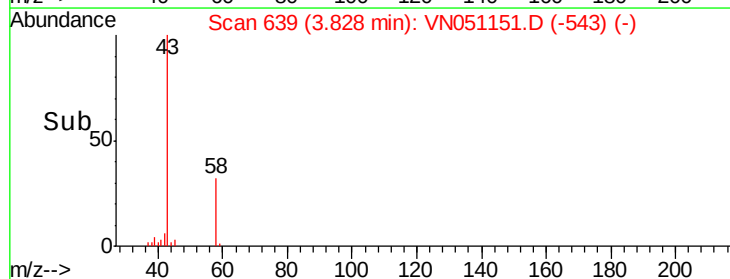
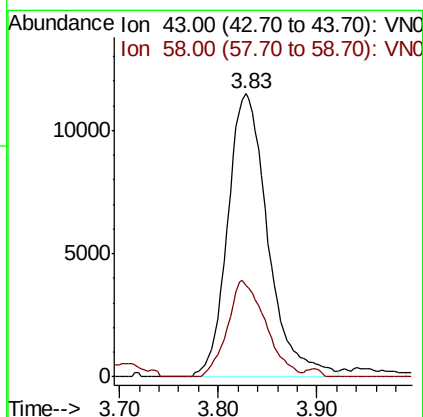
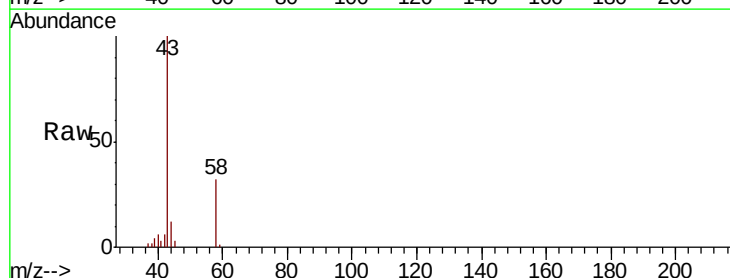
Instrument :
MSVOA_N
ClientSampled :
TP-1-3

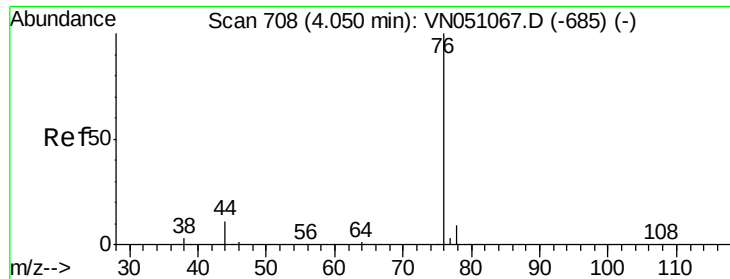
Tot Ion: 41 Resp: 3676
Ion Ratio Lower Upper
41 100
39 0.0 48.8 73.2#
76 0.0 30.6 45.8#



#16
Acetone
Concen: 14.34 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

Tgt Ion: 43 Resp: 32676
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.6





#17

Carbon Disulfide

Concen: 0.24 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

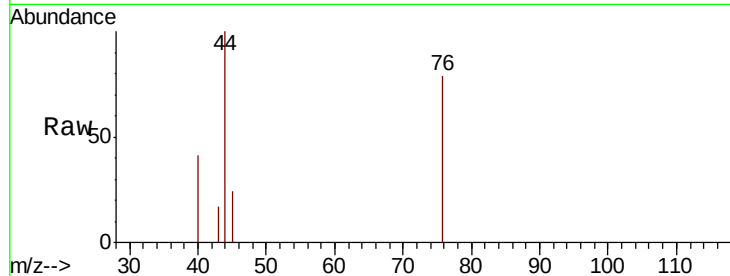
TP-1-3

Tot Ion: 76 Resp: 2338

Ion Ratio Lower Upper

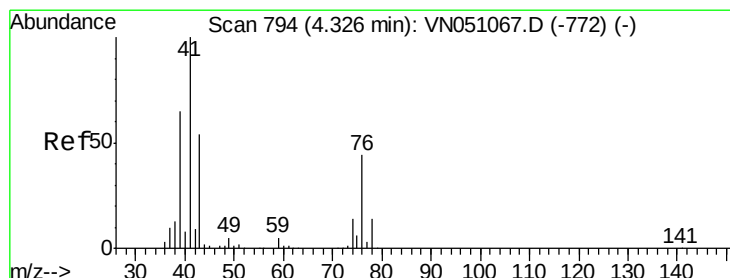
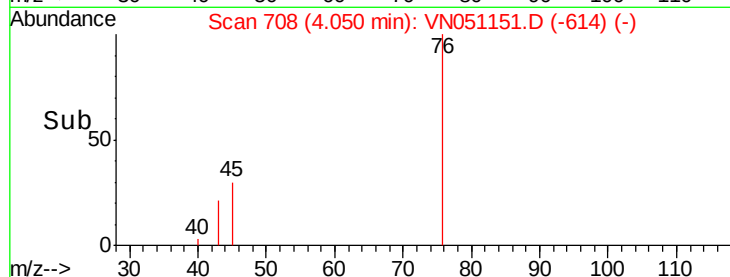
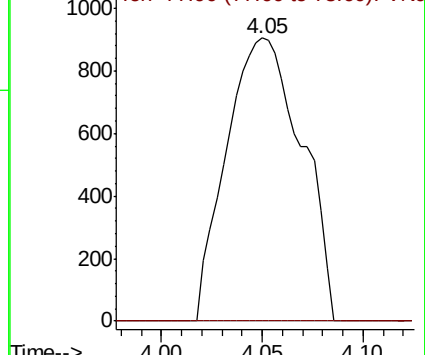
76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 2.41 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051151.D

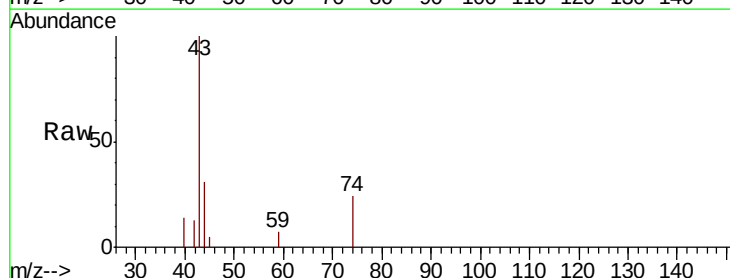
Acq: 12 Sep 2018 14:35

Tgt Ion: 43 Resp: 12865

Ion Ratio Lower Upper

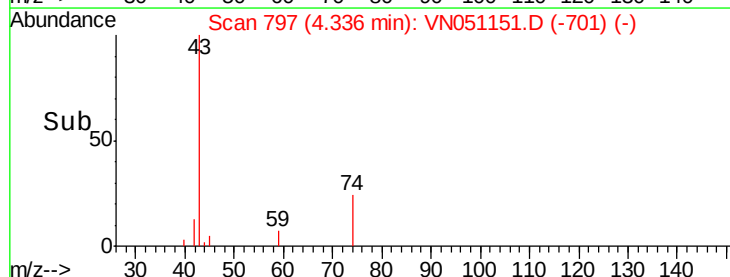
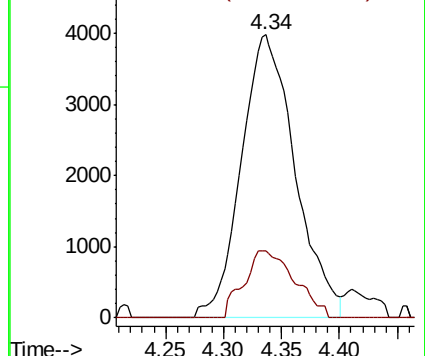
43 100

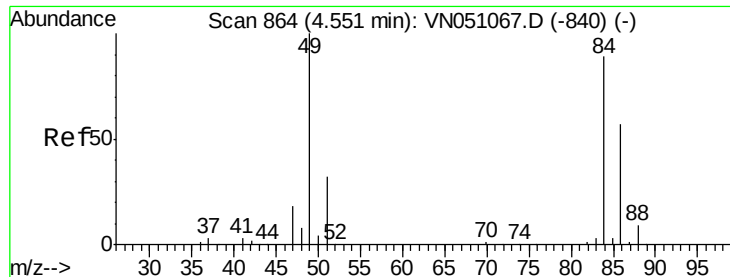
74 22.4 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

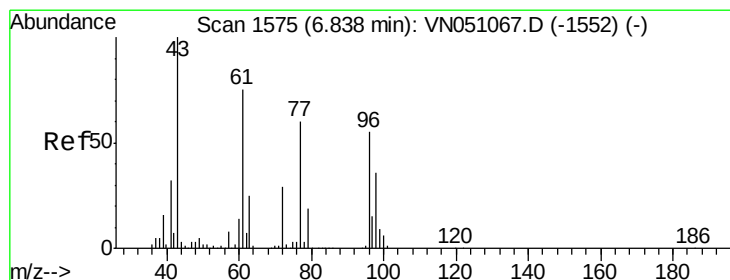
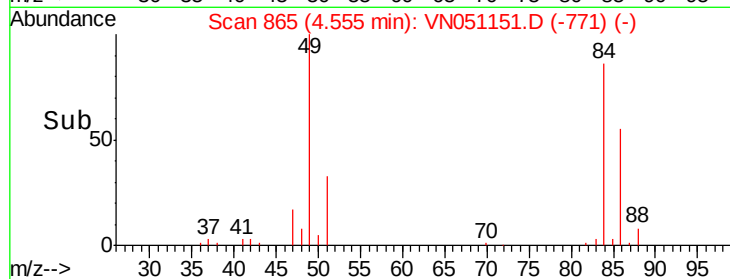
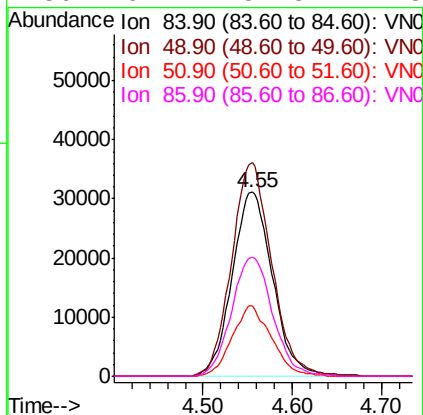
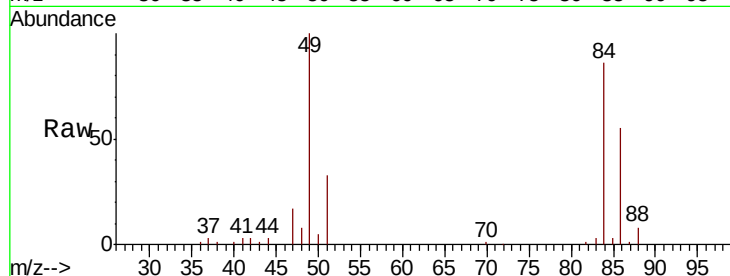




#20
Methvlene Chloride
Concen: 13.28 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

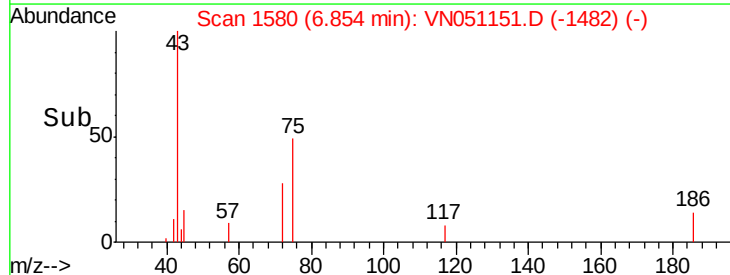
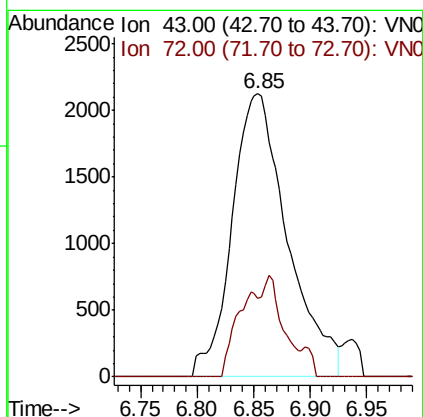
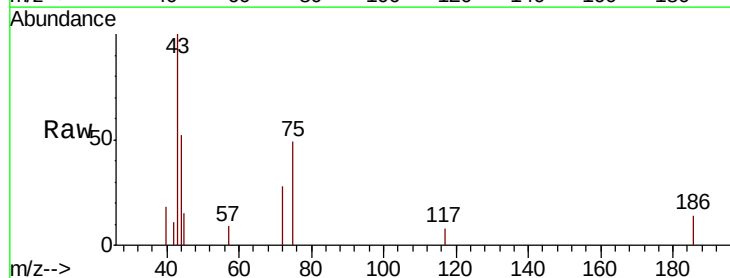
Instrument :
MSVOA_N
ClientSampled :
TP-1-3

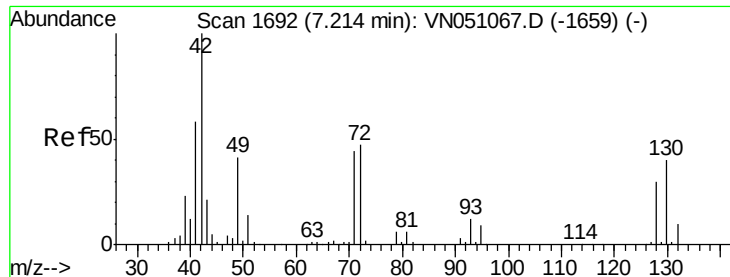
Tot Ion: 84 Resp: 97691
Ion Ratio Lower Upper
84 100
49 116.1 90.2 135.2
51 38.2 28.4 42.6
86 64.4 51.8 77.8



#25
2-Butanone
Concen: 2.77 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

Tgt Ion: 43 Resp: 7245
Ion Ratio Lower Upper
43 100
72 27.7 23.0 34.6





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

TP-1-3

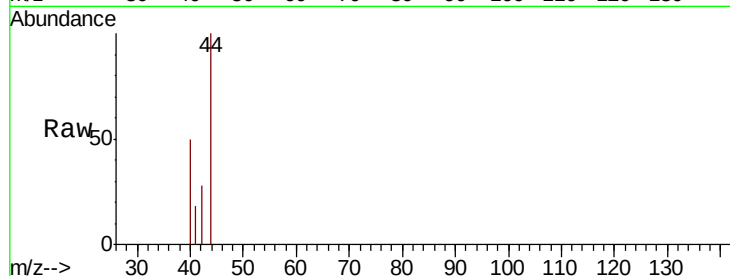
Tot Ion: 42 Resp: 502

Ion Ratio Lower Upper

42 100

72 19.3 37.4 56.0#

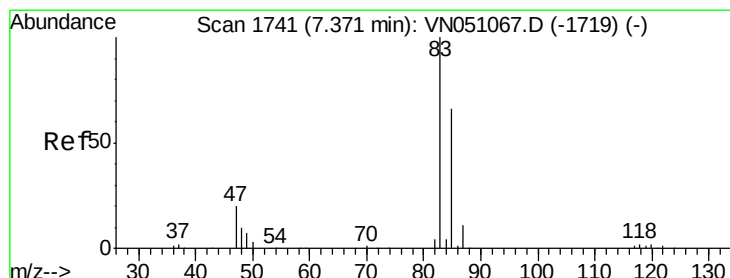
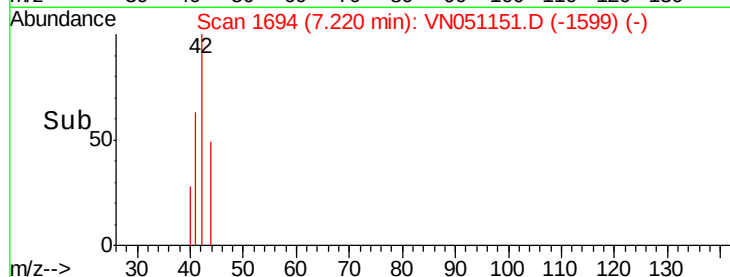
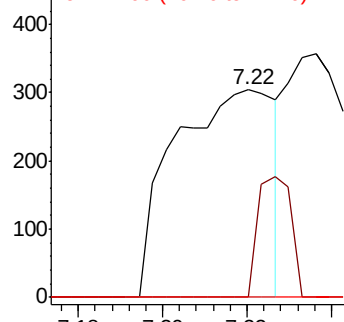
71 0.0 34.7 52.1#



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



#30

Chloroform

Concen: 0.80 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051151.D

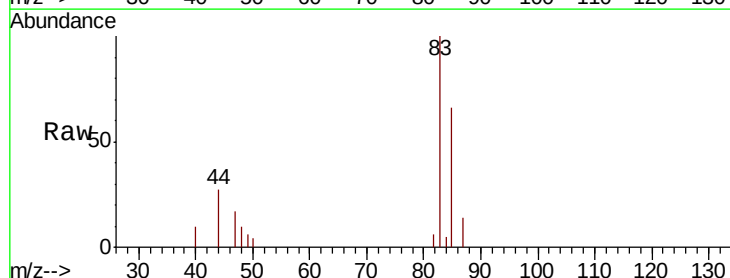
Acq: 12 Sep 2018 14:35

Tgt Ion: 83 Resp: 9754

Ion Ratio Lower Upper

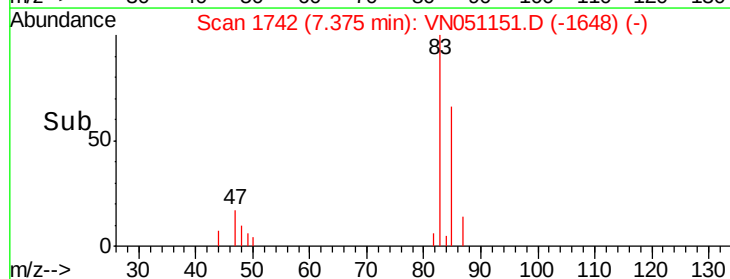
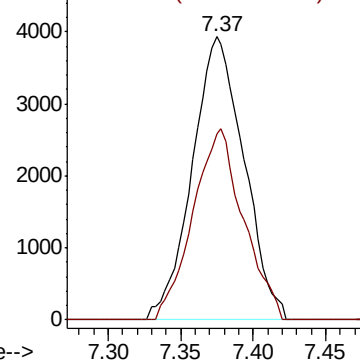
83 100

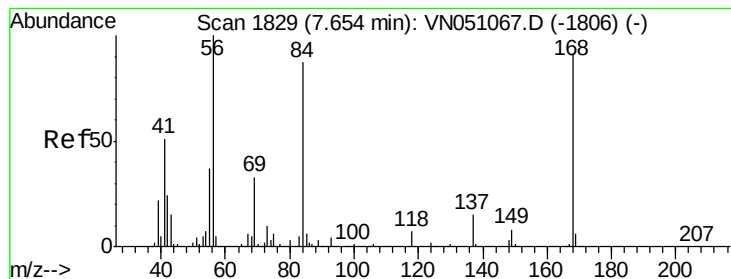
85 65.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.64 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

TP-1-3

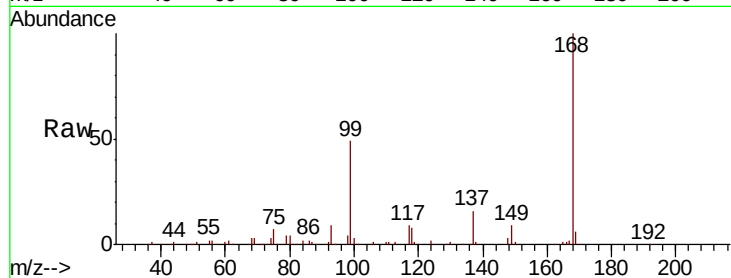
Tot Ion: 56 Resp: 9457

Ion Ratio Lower Upper

56 100

69 211.7 26.3 39.5#

84 143.5 69.4 104.0#

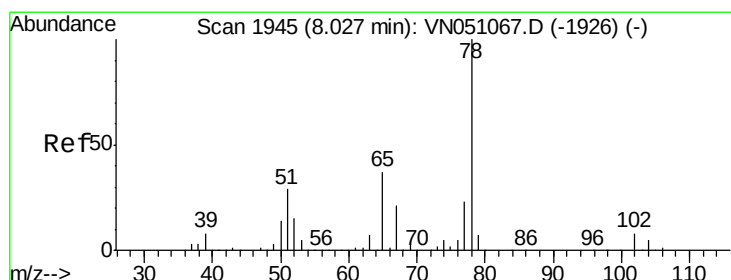
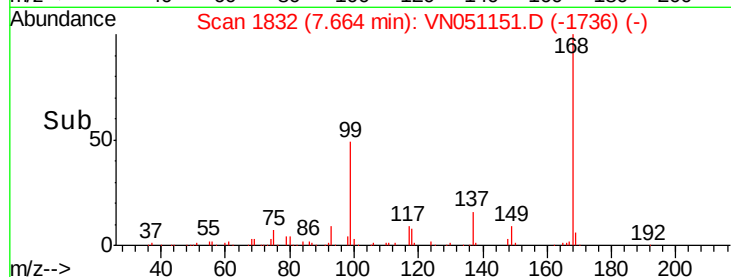
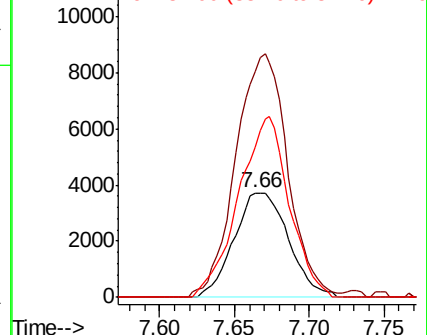


Abundance

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: 56.82 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051151.D

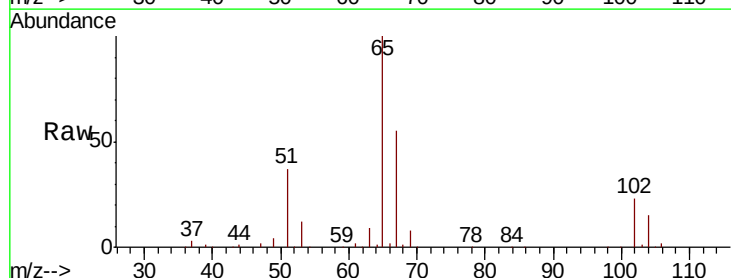
Acq: 12 Sep 2018 14:35

Tgt Ion: 65 Resp: 378489

Ion Ratio Lower Upper

65 100

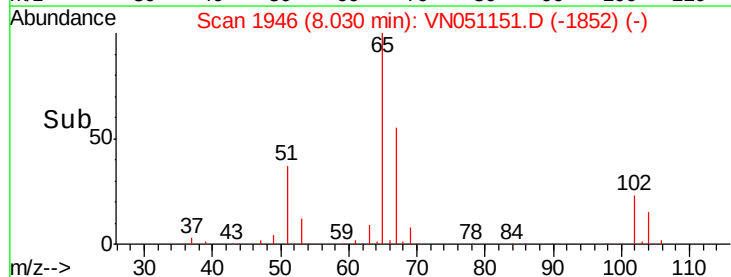
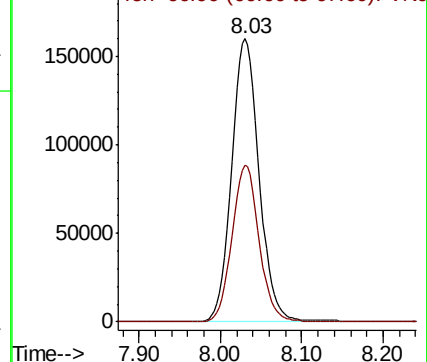
67 54.5 0.0 112.0

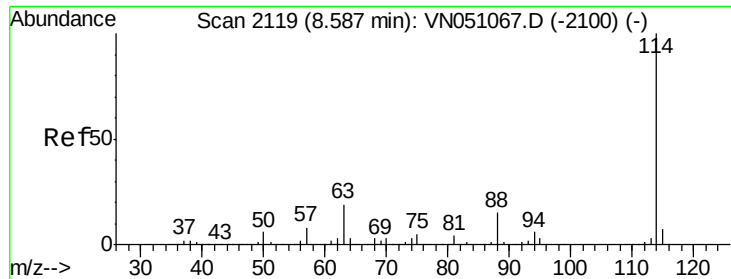


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

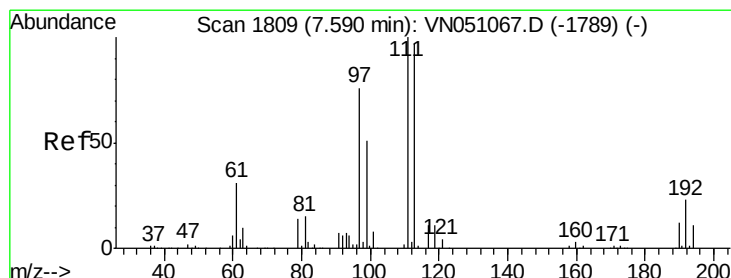
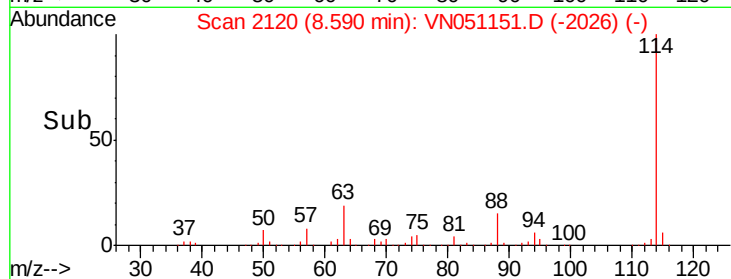
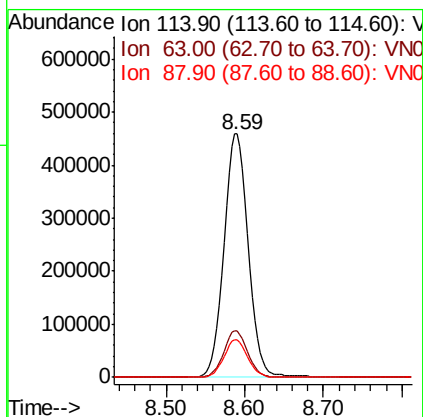
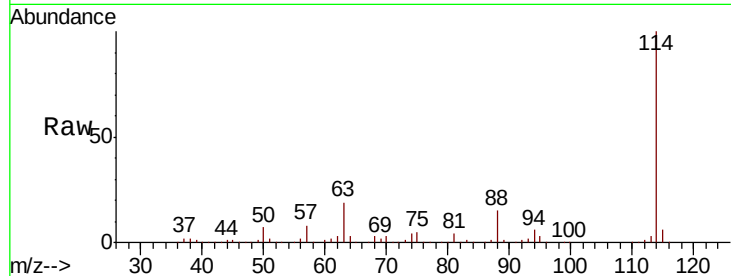




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051151.D
 Acq: 12 Sep 2018 14:35

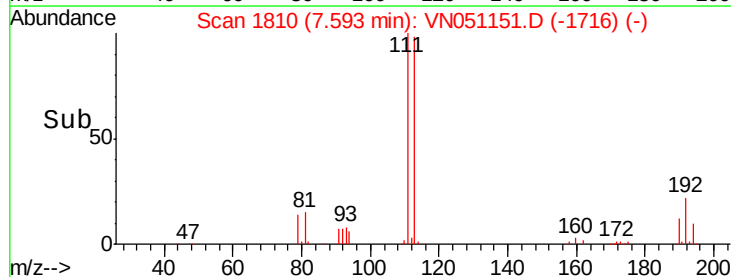
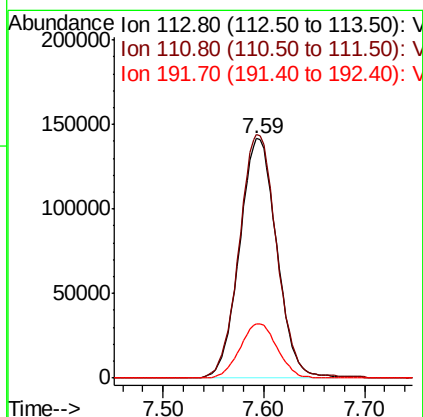
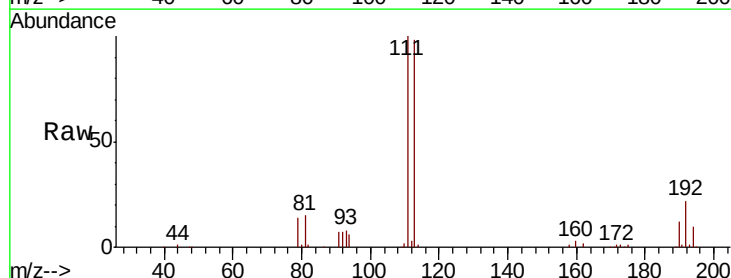
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-3

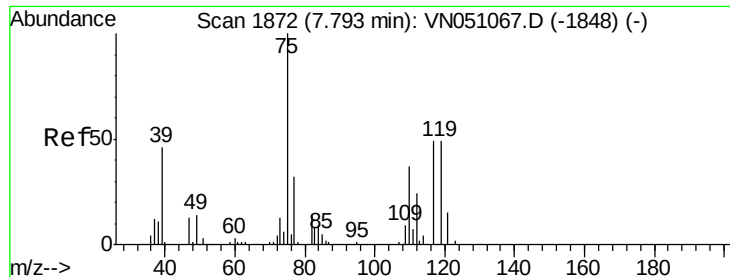
Tot Ion:114 Resp: 972367
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.4 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 49.50 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051151.D
 Acq: 12 Sep 2018 14:35

Tgt Ion:113 Resp: 361648
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.6
 192 22.9 18.7 28.1





#36

1,1-Dichloropropene

Concen: 3.60 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

TP-1-3

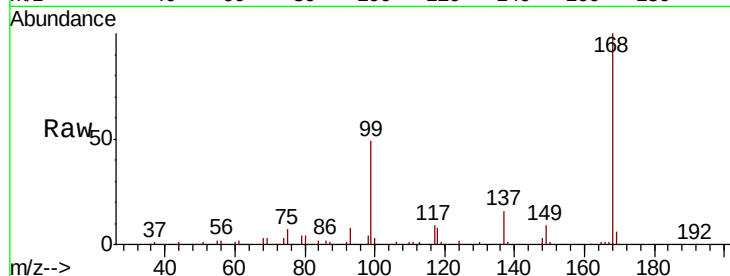
Tot Ion: 75 Resp: 38391

Ion Ratio Lower Upper

75 100

110 8.8 18.6 55.8#

77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN051151.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN051151.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN051151.D (-1779) (-)

7.67

15000

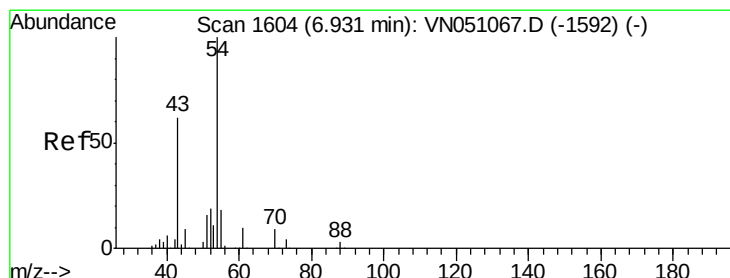
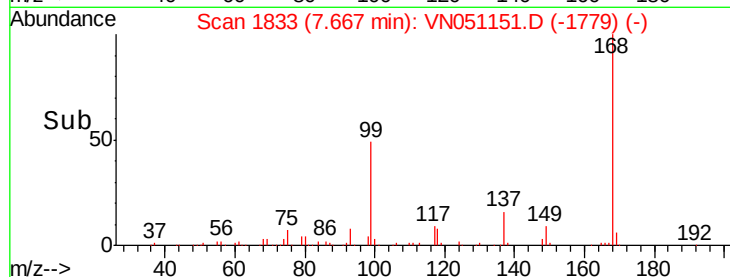
10000

5000

0

7.60 7.70

Time-->



#37

Ethyl Acetate

Concen: 1.17 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. -0.08 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

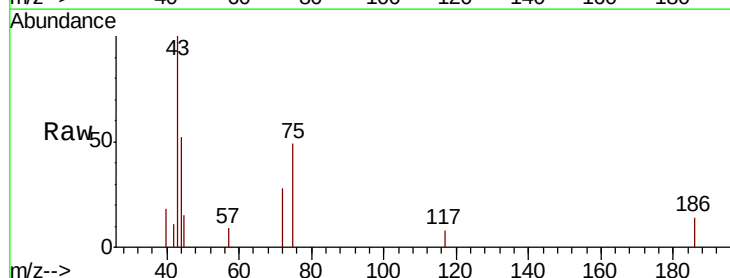
Tgt Ion: 43 Resp: 7245

Ion Ratio Lower Upper

43 100

61 0.0 12.4 18.6#

70 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051151.D (-1511) (-)

Ion 60.90 (60.60 to 61.60): VN051151.D (-1511) (-)

Ion 70.00 (69.70 to 70.70): VN051151.D (-1511) (-)

6.85

2500

2000

1500

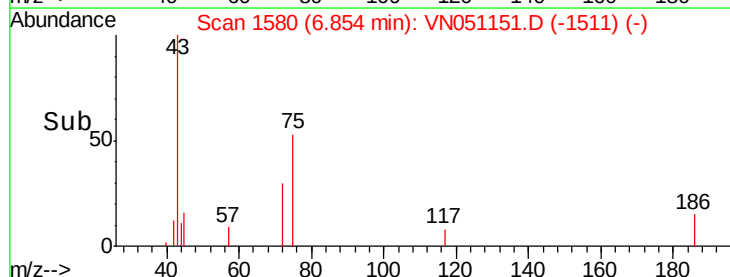
1000

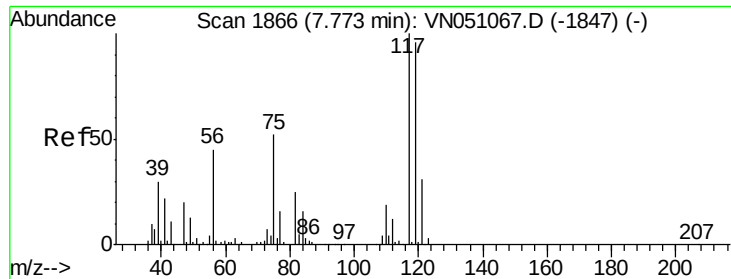
500

0

6.75 6.80 6.85 6.90 6.95

Time-->

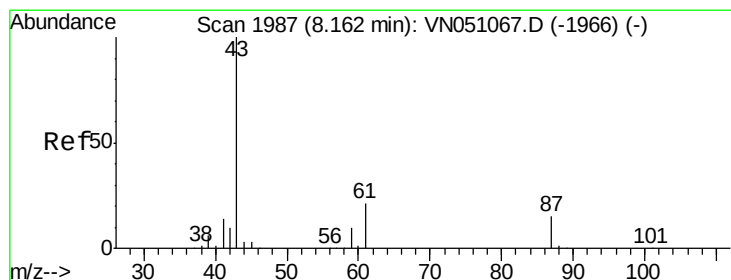
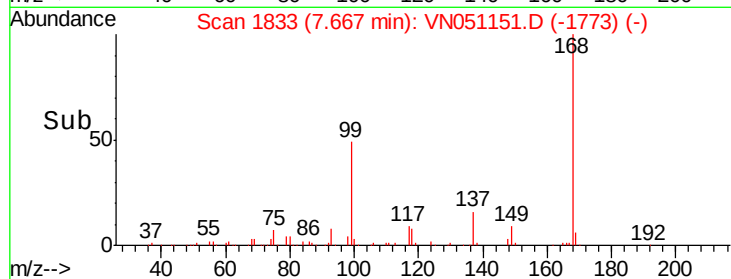
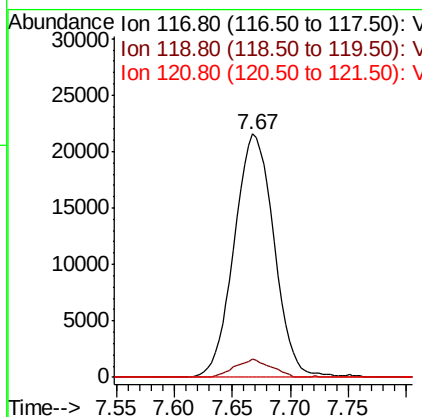
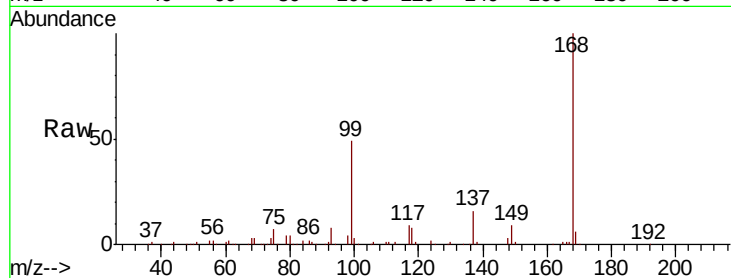




#38
Carbon Tetrachloride
Concen: 4.92 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

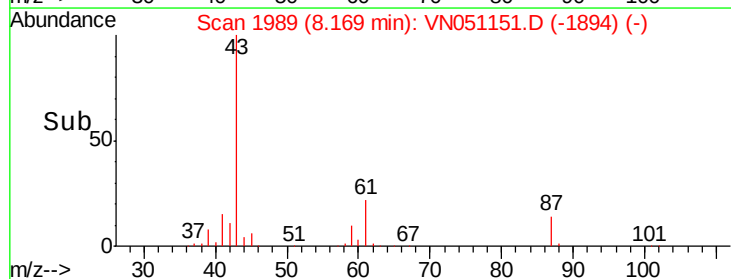
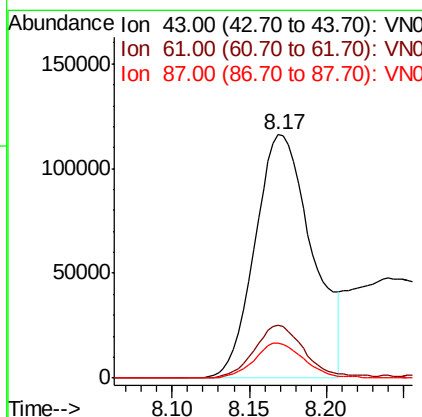
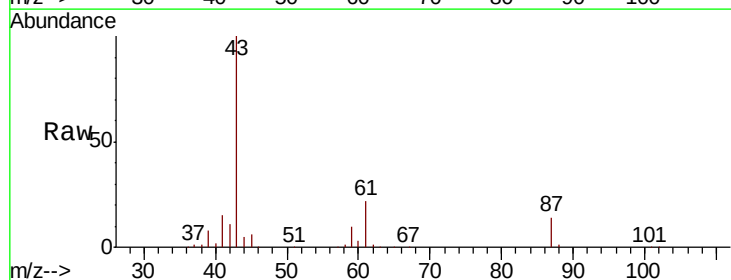
Instrument :
MSVOA_N
ClientSampleId :
TP-1-3

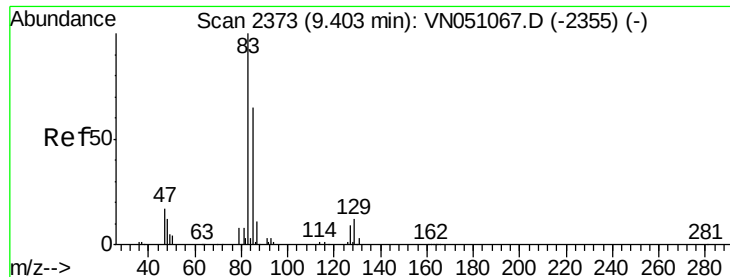
Tot Ion:117 Resp: 51693
Ion Ratio Lower Upper
117 100
119 7.4 76.8 115.2#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 27.26 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

Tgt Ion: 43 Resp: 297404
Ion Ratio Lower Upper
43 100
61 19.2 25.0 37.6#
87 12.6 11.8 17.8





#47

Bromodichloromethane

Concen: 0.32 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampleId :

TP-1-3

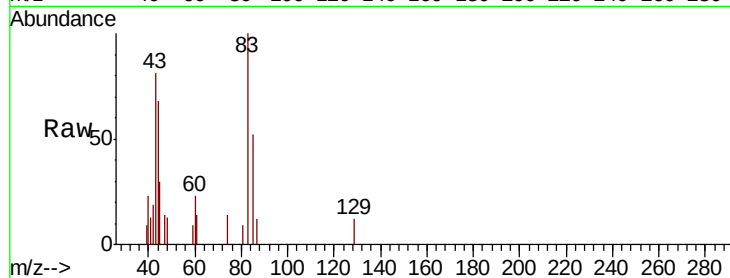
Tot Ion: 83 Resp: 3257

Ion Ratio Lower Upper

83 100

85 51.6 52.3 78.5#

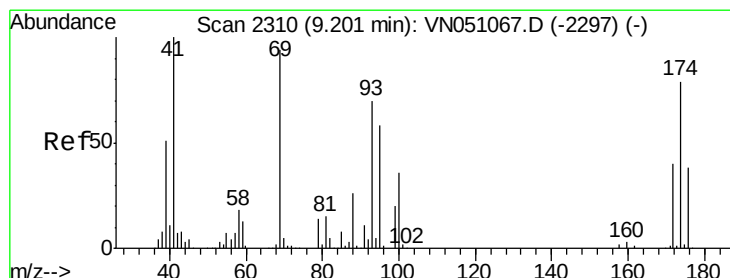
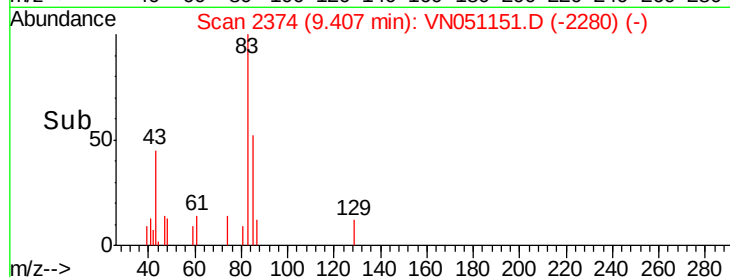
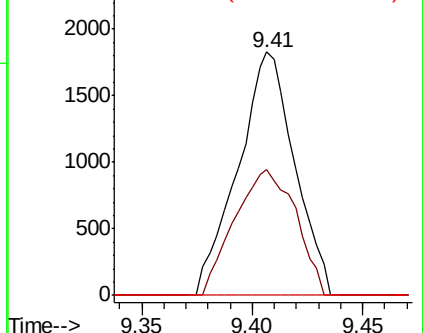
127 0.0 7.5 11.3#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 1.55 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

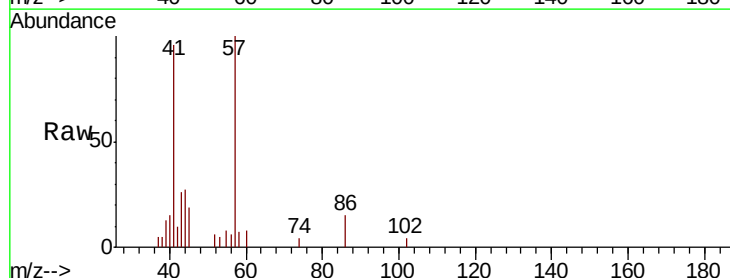
Tgt Ion: 41 Resp: 8231

Ion Ratio Lower Upper

41 100

69 0.0 77.7 116.5#

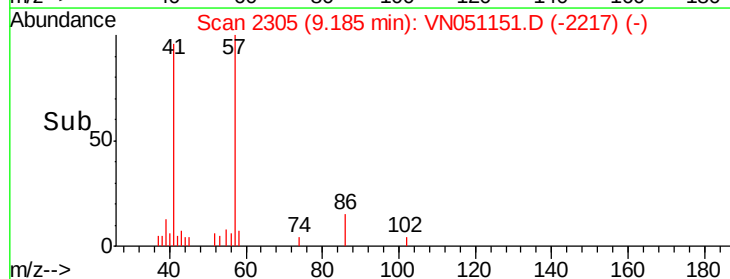
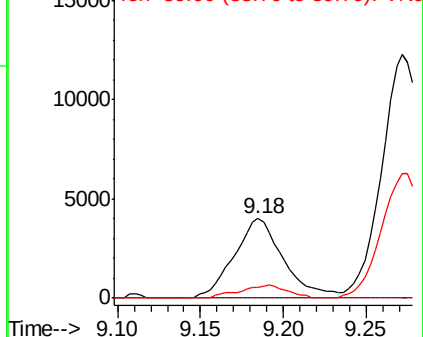
39 15.7 41.6 62.4#

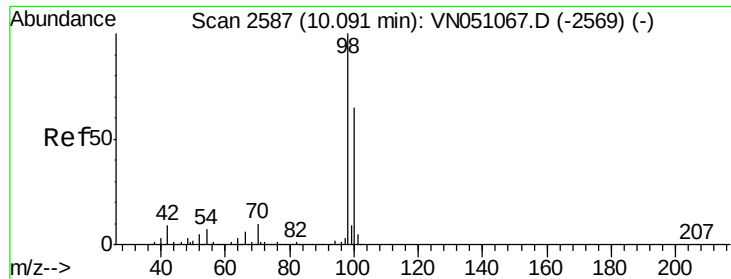


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

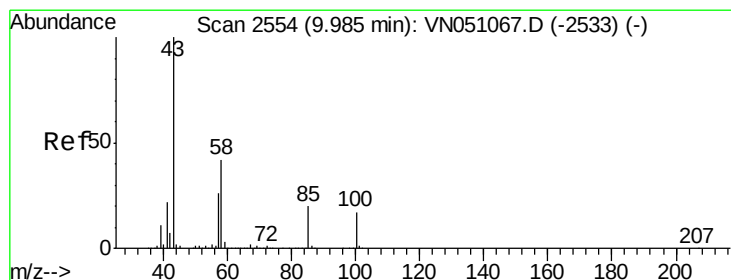
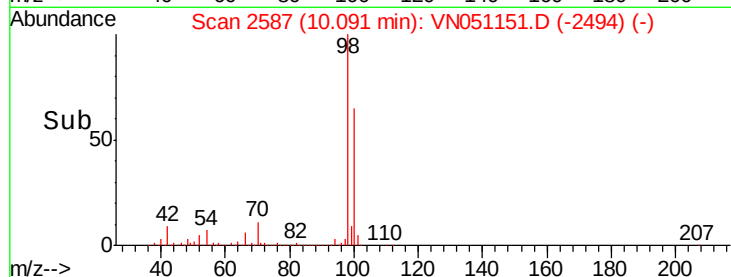
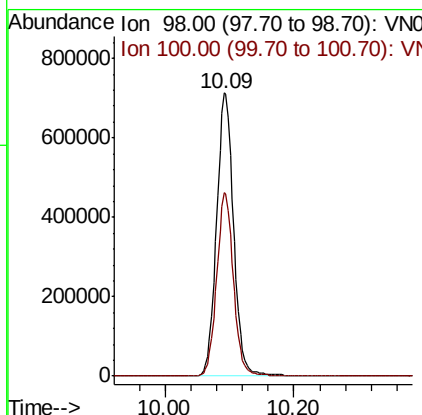
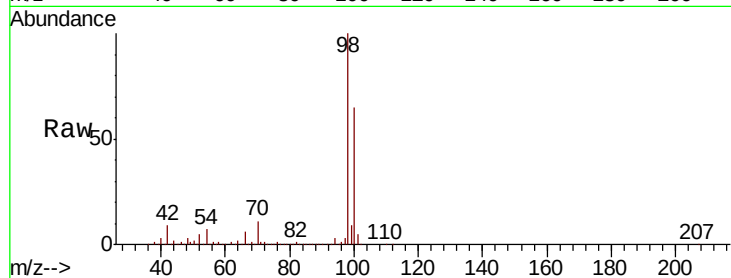




#50
Toluene-d8
Concen: 47.35 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

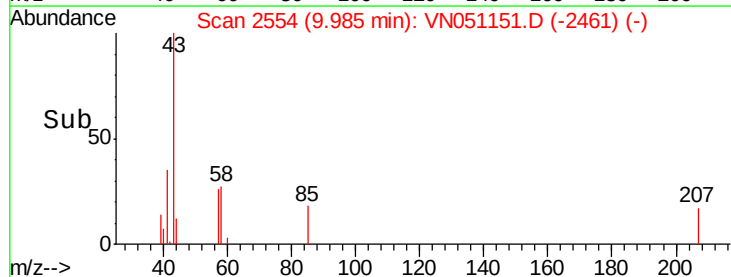
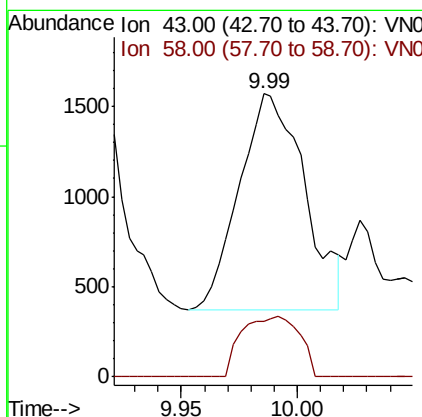
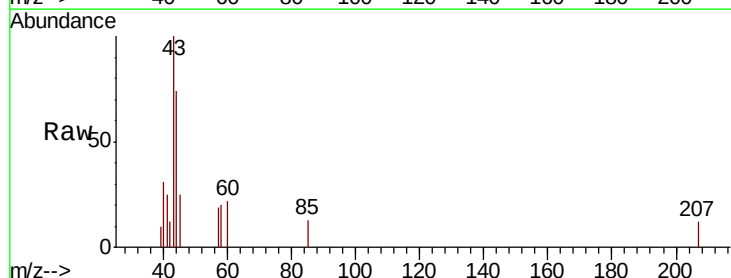
Instrument :
MSVOA_N
ClientSampled :
TP-1-3

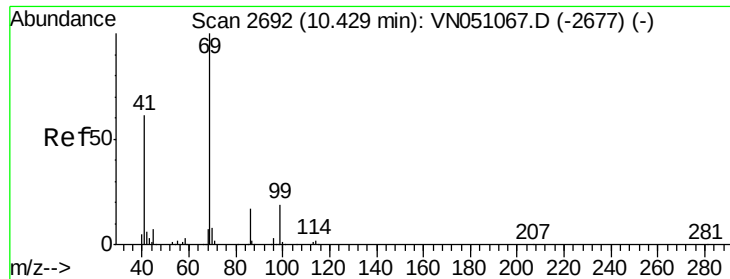
Tot Ion: 98 Resp: 1312817
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
58 24.6 33.5 50.3#

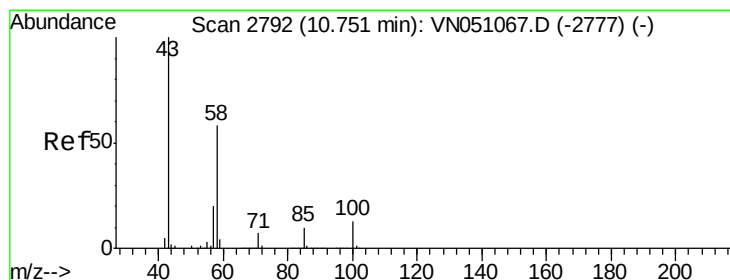
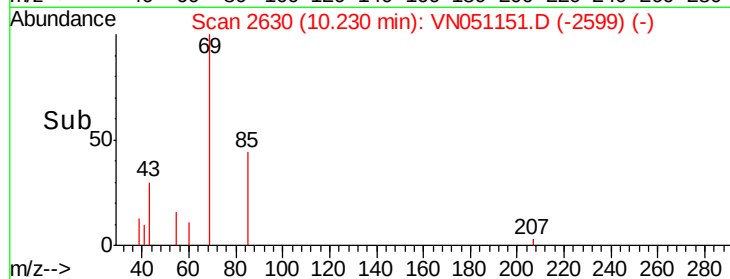
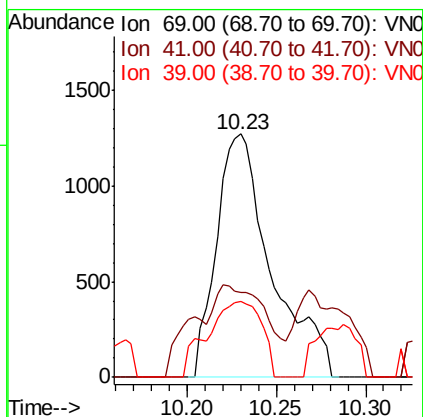
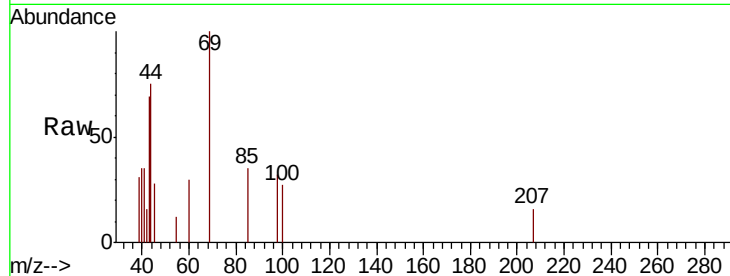




#56
Ethyl methacrylate
Concen: 2.72 ug/l
RT: 10.23 min Scan# 2630
Delta R.T. -0.20 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

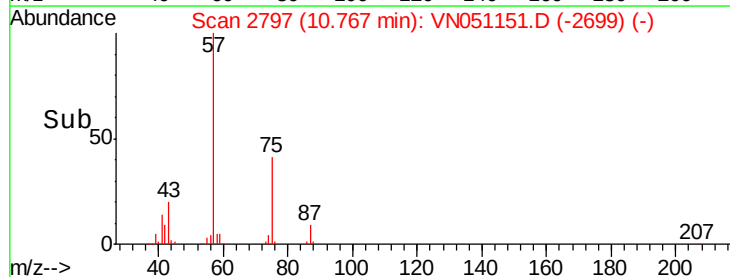
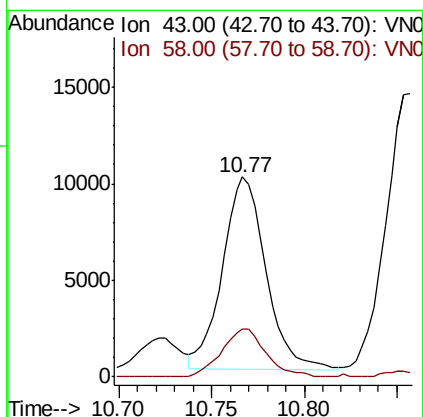
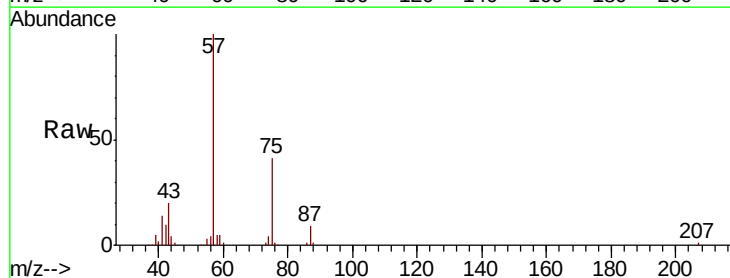
Instrument :
MSVOA_N
ClientSampled :
TP-1-3

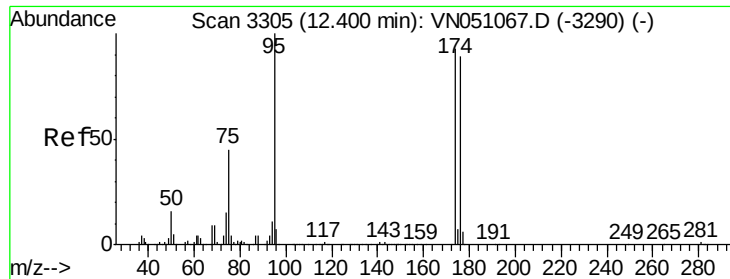
Tot Ion: 69 Resp: 2716
Ion Ratio Lower Upper
69 100
41 37.0 47.8 71.8#
39 30.7 23.0 34.4



#59
2-Hexanone
Concen: 3.97 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

Tgt Ion: 43 Resp: 16237
Ion Ratio Lower Upper
43 100
58 25.4 29.3 88.0#

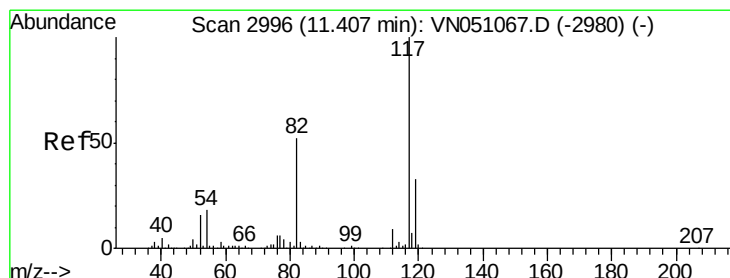
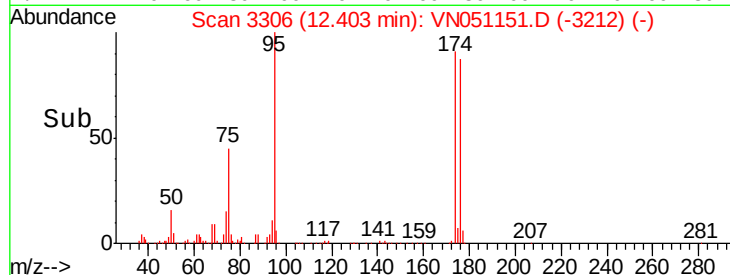
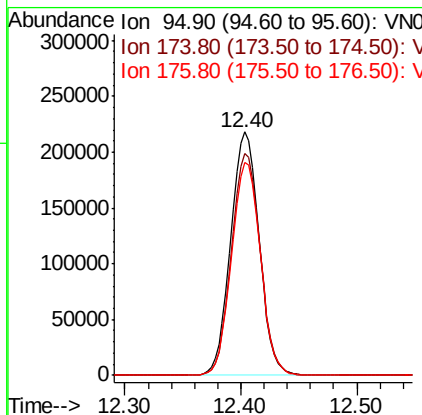
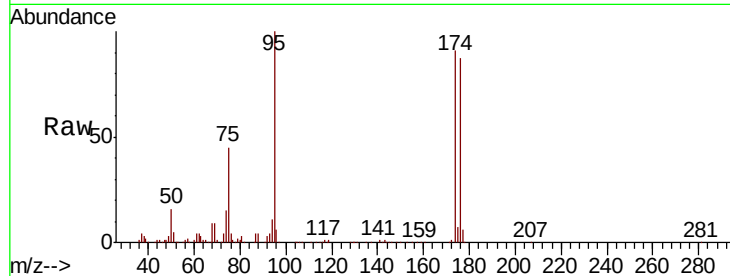




#62
4-Bromofluorobenzene
Concen: 40.18 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

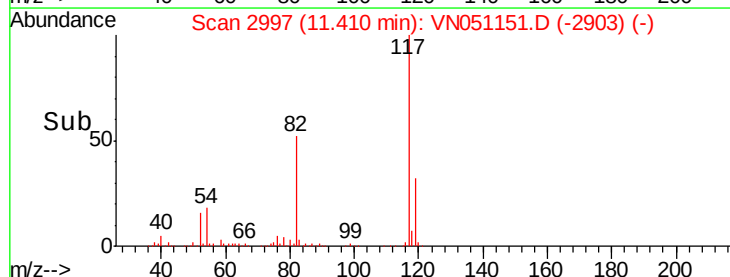
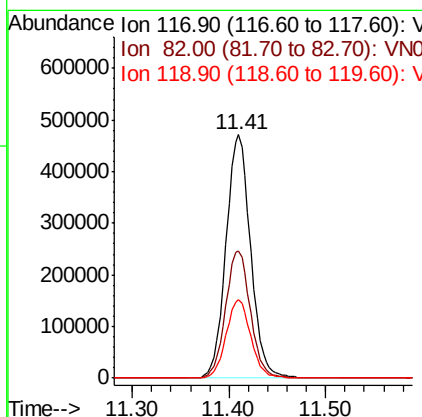
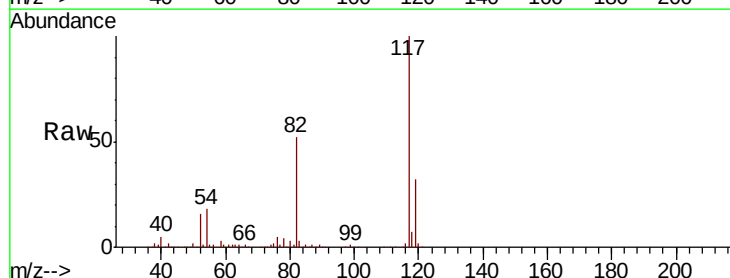
Instrument :
MSVOA_N
ClientSampleId :
TP-1-3

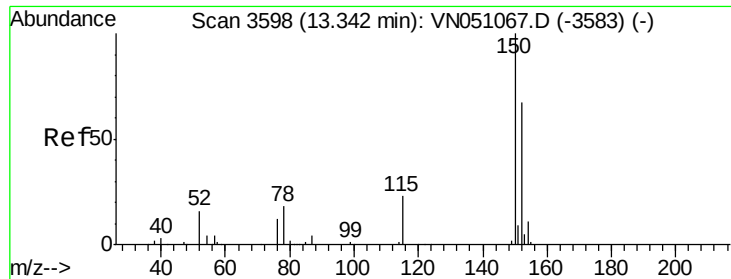
Tot Ion	95	Resp	368506
Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	184.8
176	89.0	0.0	178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051151.D
Acq: 12 Sep 2018 14:35

Tgt Ion	117	Resp	831743
Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.6
119	32.0	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: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampleId :

TP-1-3

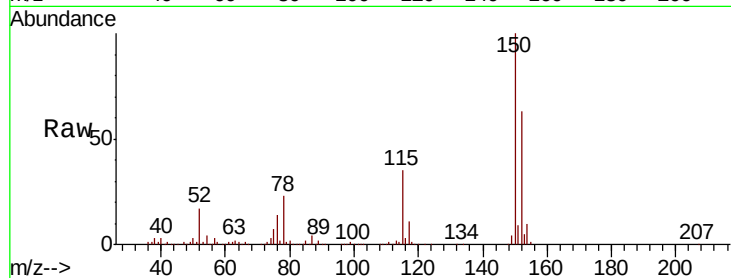
Tot Ion:152 Resp: 306240

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

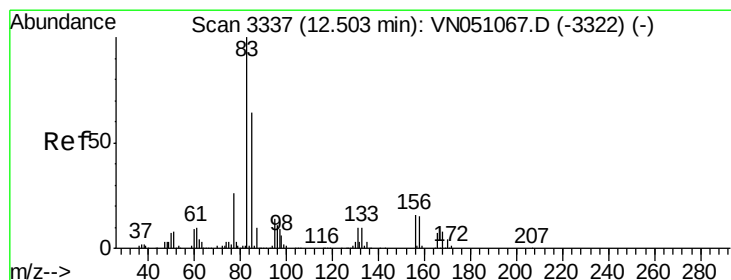
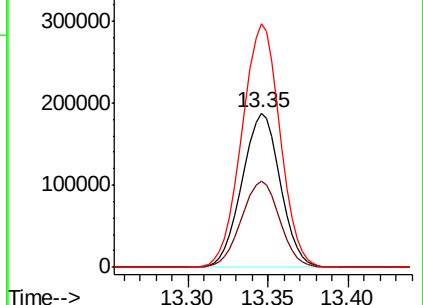
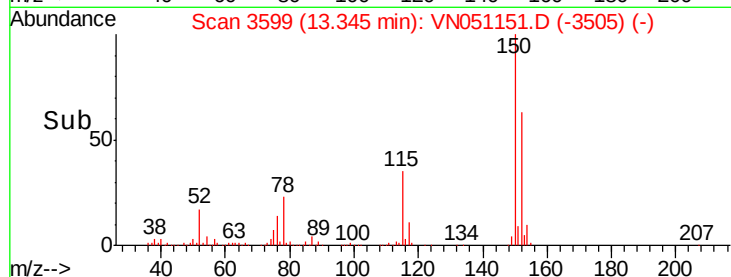
150 157.6 0.0 349.0



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: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

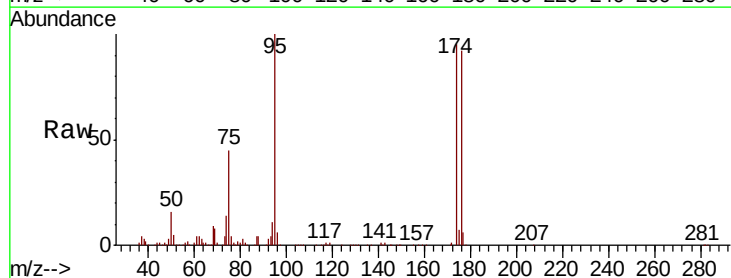
Tgt Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

131 787.7 5.3 16.1#

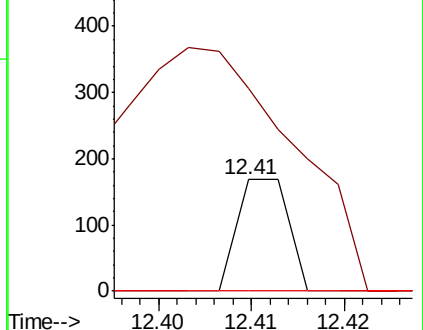
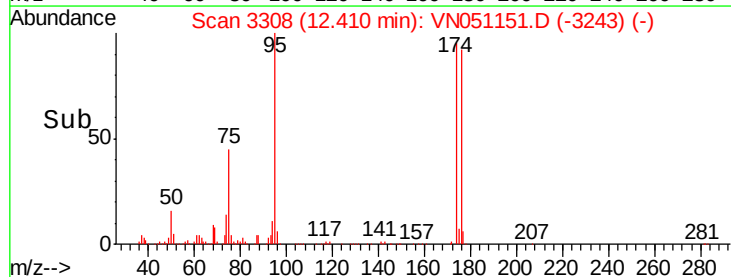
85 0.0 32.3 96.8#

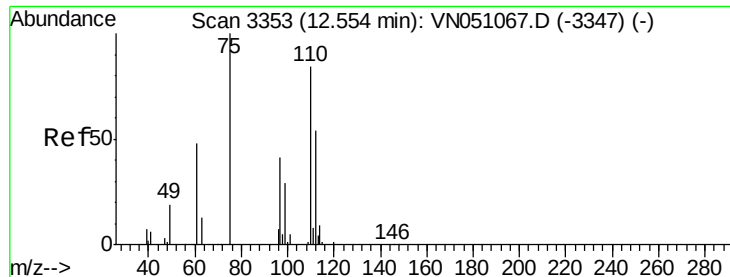


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.13 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

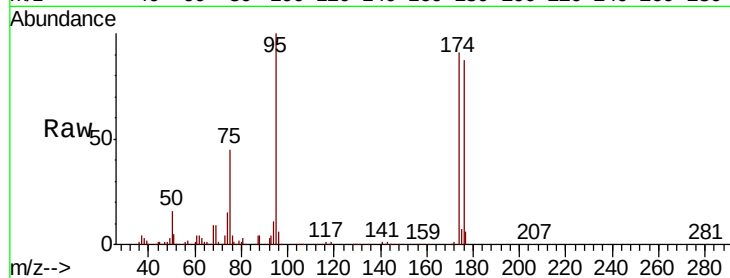
TP-1-3

Tot Ion: 75 Resp: 168868

Ion Ratio Lower Upper

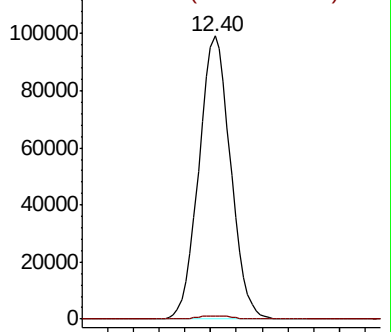
75 100

77 1.3 0.0 0.0#

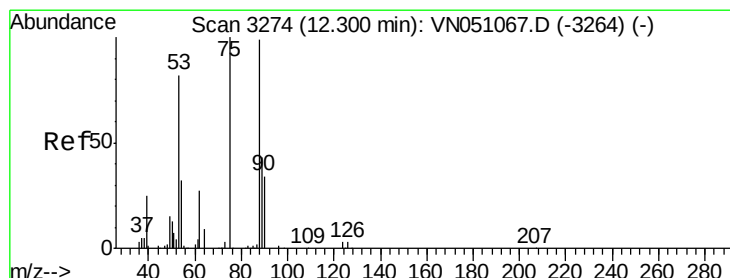
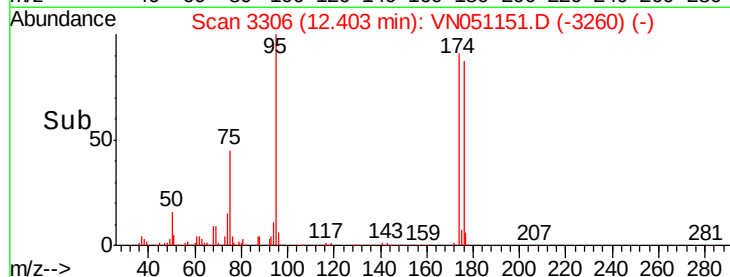


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 104.72 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

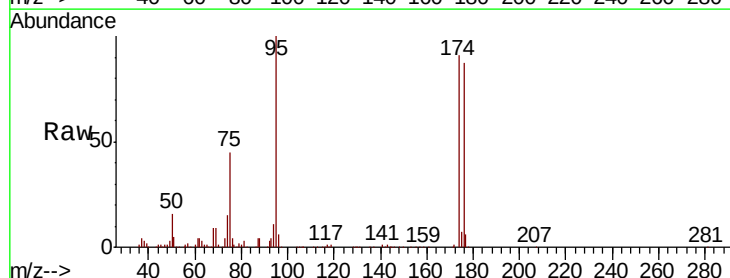
Tgt Ion: 75 Resp: 168868

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

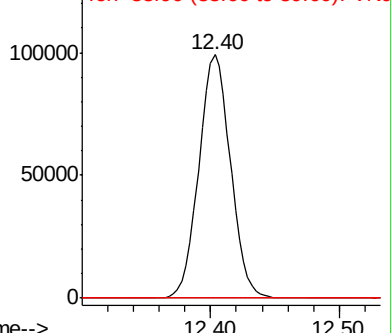
89 0.0 36.0 54.0#



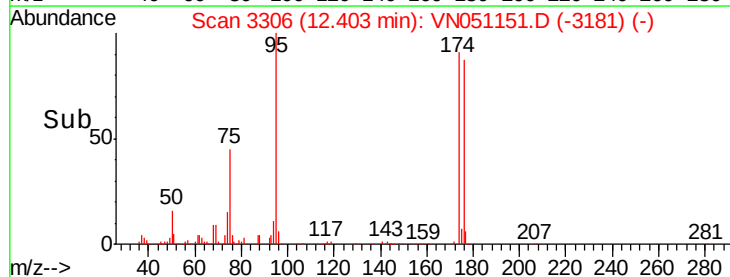
Abundance Ion 74.90 (74.60 to 75.60): VNO

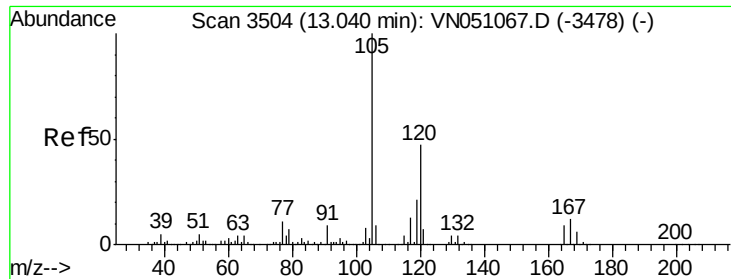
Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.35 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051151.D

Acq: 12 Sep 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

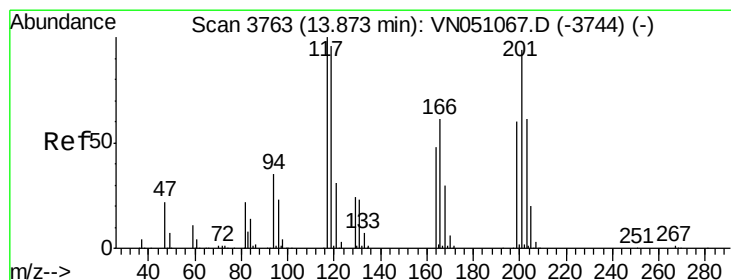
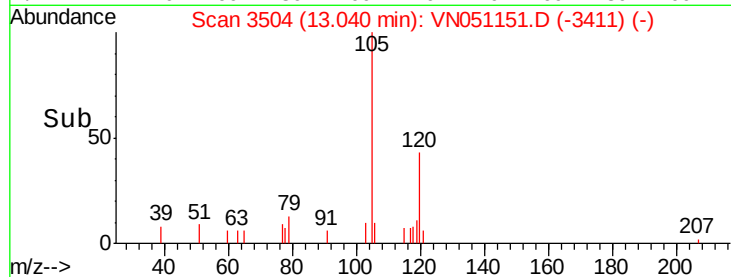
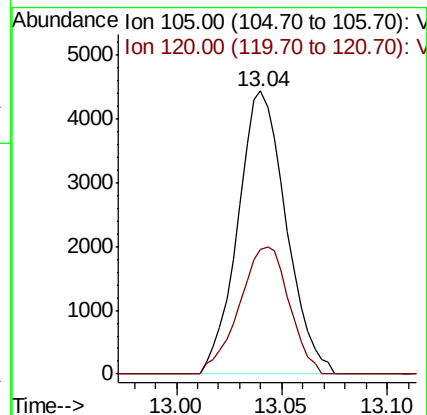
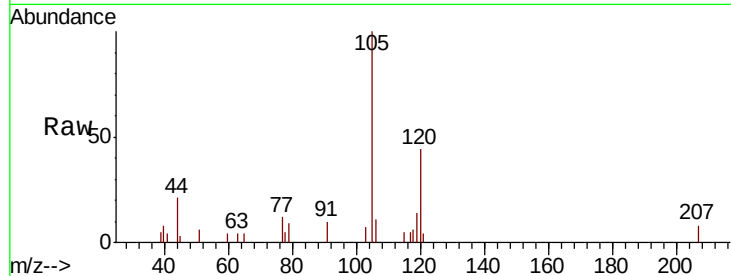
TP-1-3

Tot Ion:105 Resp: 7060

Ion Ratio Lower Upper

105 100

120 46.6 23.3 69.8



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN051151.D

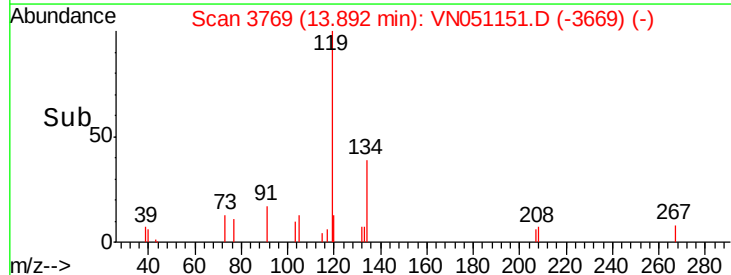
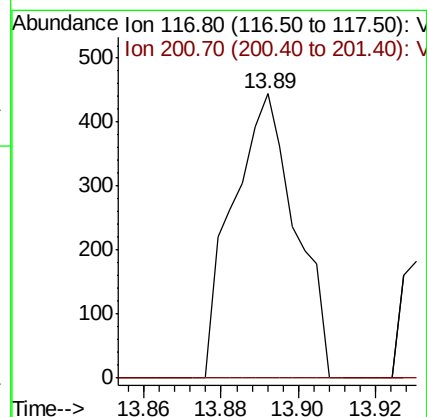
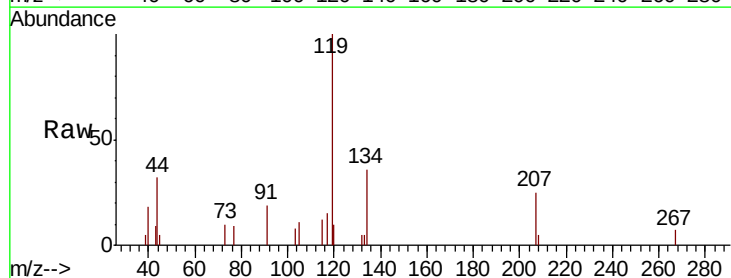
Acq: 12 Sep 2018 14:35

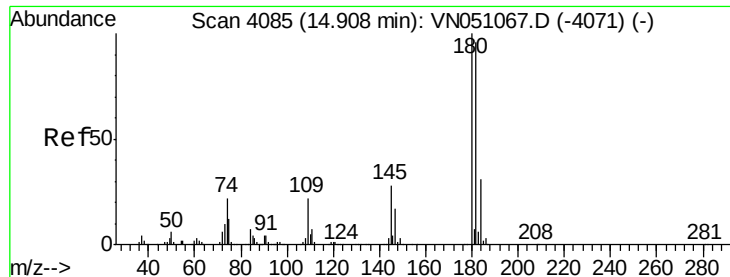
Tgt Ion:117 Resp: 501

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#

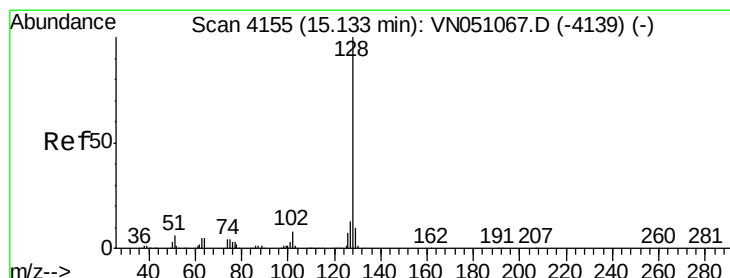
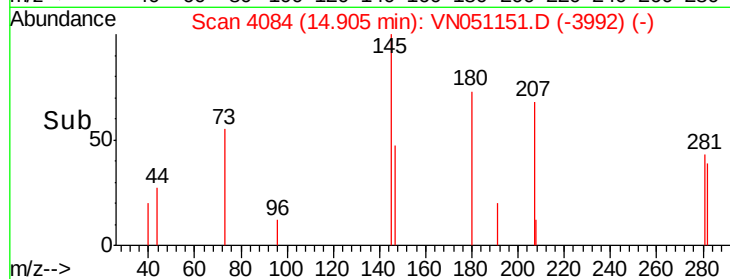
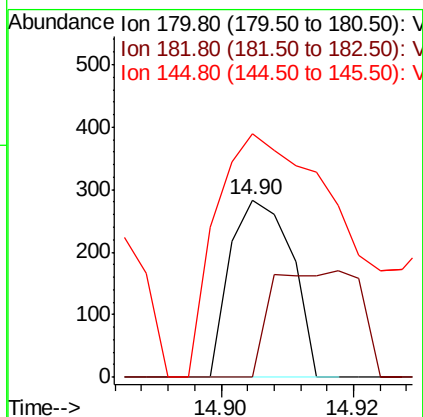
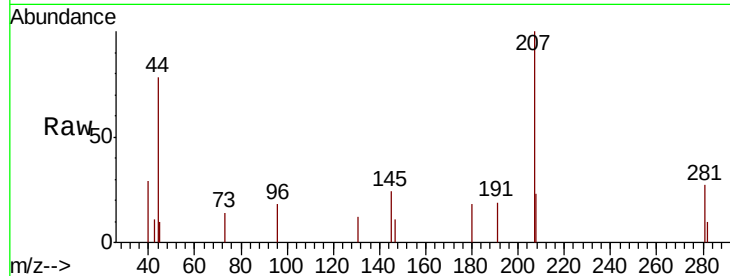




#93
 1,2,4-Trichlorobenzene
 Concen: 4.01 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN051151.D
 Acq: 12 Sep 2018 14:35

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1-3

Tot Ion:180 Resp: 183
 Ion Ratio Lower Upper
 180 100
 182 86.3 47.3 141.8
 145 278.7 14.2 42.6#



#95
 Naphthalene
 Concen: 10.19 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051151.D
 Acq: 12 Sep 2018 14:35

Tgt Ion:128 Resp: 62476
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.6 15.8
 129 10.8 8.6 12.8

