

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051155.D
 Acq On : 12 Sep 2018 17:50
 Operator : MD\SY
 Sample : J4882-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 28570DL

Quant Time: Sep 13 07:21:06 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	625372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	941883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	789032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297114	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	372668	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	7.59	113	358942	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.09	98	1274861	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.40	95	362521	40.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.62%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2929	Below Cal		98
5) Bromomethane	2.56	94	2380	Below Cal		94
10) Methyl Iodide	3.96	142	215	5.66 ug/l	#	44
11) Tert butyl alcohol	4.78	59	169	0.32 ug/l	#	73
16) Acetone	3.82	43	65518	33.01 ug/l		98
17) Carbon Disulfide	4.06	76	2345	0.23 ug/l	#	76
18) Methyl Acetate	4.33	43	2316	0.42 ug/l		95
25) 2-Butanone	6.85	43	67152	24.54 ug/l		98
29) Tetrahydrofuran	7.22	42	75424	44.14 ug/l		99
31) Cyclohexane	7.67	56	9621	0.62 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	39606	3.83 ug/l	#	48
37) Ethyl Acetate	6.85	43	67152	11.21 ug/l	#	66
38) Carbon Tetrachloride	7.67	117	52304	5.14 ug/l	#	17
41) Methacrylonitrile	7.22	41	44948	14.55 ug/l	#	34
43) Isopropyl Acetate	8.24	43	38580	3.65 ug/l	#	50
51) 4-Methyl-2-Pentanone	9.99	43	2520	0.43 ug/l	#	81
52) Toluene	10.16	92	63082	3.32 ug/l		98
56) Ethyl methacrylate	10.54	69	29	2.46 ug/l	#	29
59) 2-Hexanone	10.61	43	1631	0.41 ug/l		68
68) m/p-Xylenes	11.62	106	15451	1.25 ug/l		100
69) o-Xylene	11.95	106	20702	1.73 ug/l		95
71) Bromoform	12.40	173	1084	0.22 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.53	83	197	Below Cal	#	62
76) 1,2,3-Trichloropropane	12.40	75	167366	35.91 ug/l	#	100
78) n-propylbenzene	12.59	91	6839	0.25 ug/l		94
79) 2-Chlorotoluene	12.69	91	3617	0.21 ug/l	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	38962	1.93 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.40	75	167366	106.98 ug/l	#	16
83) tert-Butylbenzene	12.99	119	3960	0.22 ug/l		82
84) 1,2,4-Trimethylbenzene	13.04	105	53739	2.71 ug/l		97
86) p-Isopropyltoluene	13.29	119	4463	0.23 ug/l		96
90) Hexachloroethane	13.89	117	4586	0.69 ug/l	#	2
92) 1,2-Dibromo-3-Chloropropan	14.24	75	104	0.78 ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	186	4.01 ug/l	#	54

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Response via : Initial Calibration

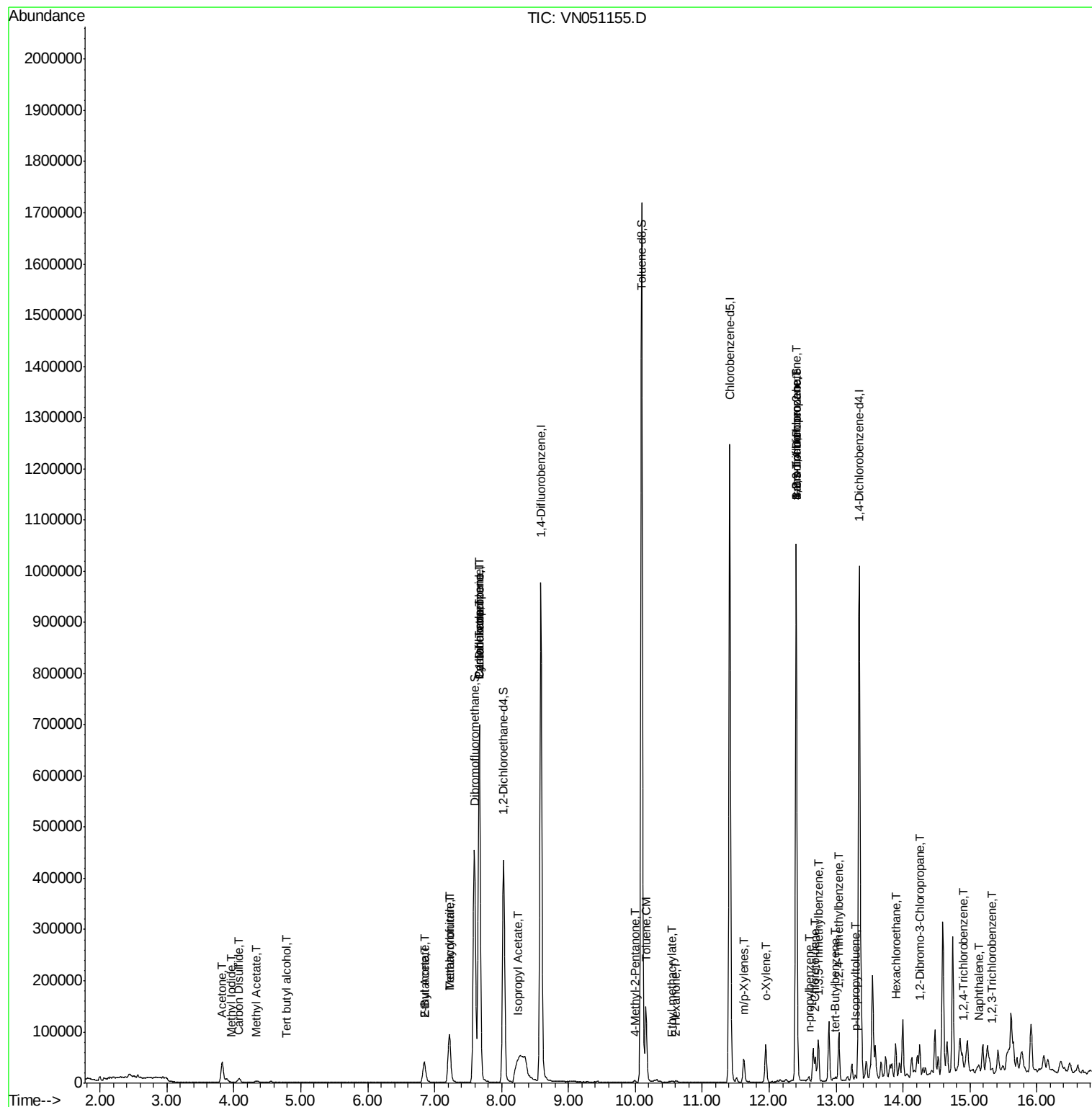
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	11841	6.29	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.32	180	32	2.95	ug/l #	12

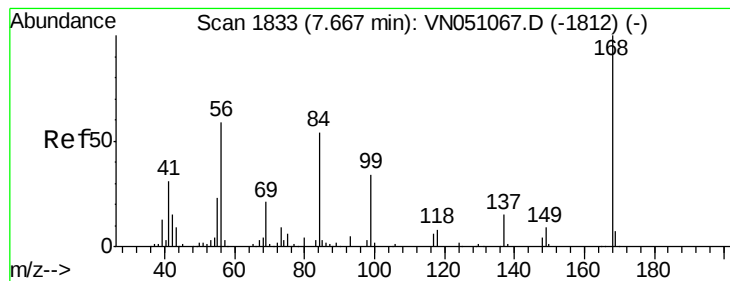
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampled :

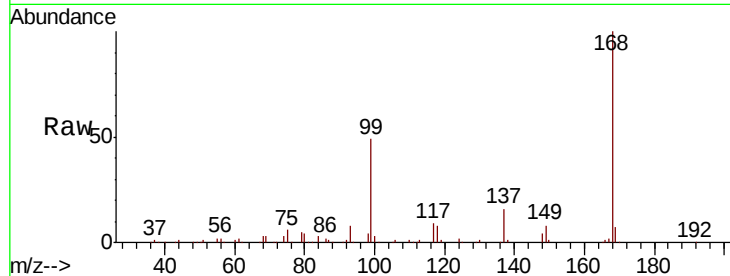
28570DL

Tot Ion:168 Resp: 625372

Ion Ratio Lower Upper

168 100

99 49.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

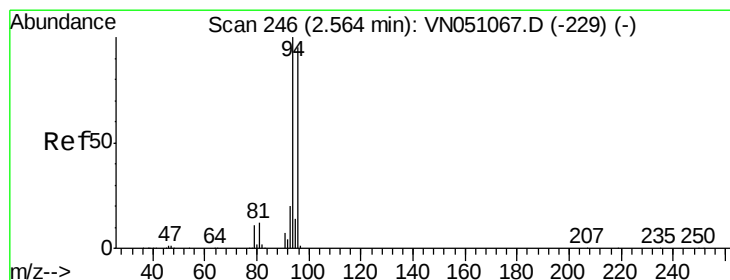
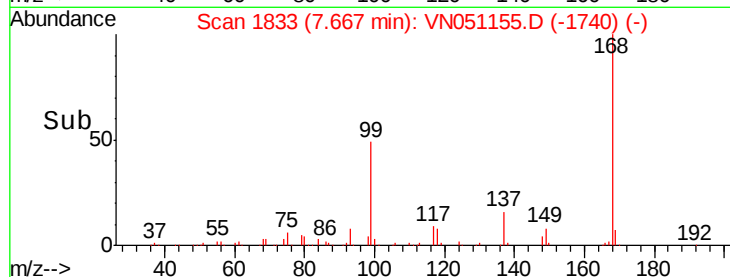
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051155.D

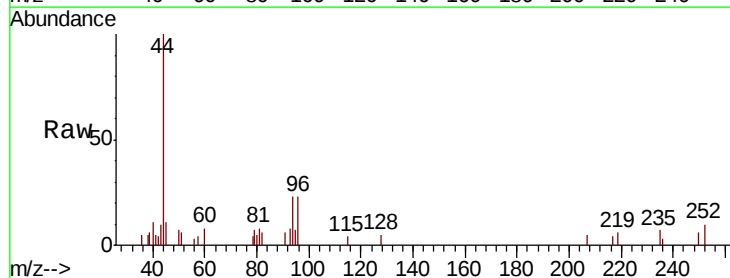
Acq: 12 Sep 2018 17:50

Tgt Ion: 94 Resp: 2380

Ion Ratio Lower Upper

94 100

96 101.1 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

1200

1000

800

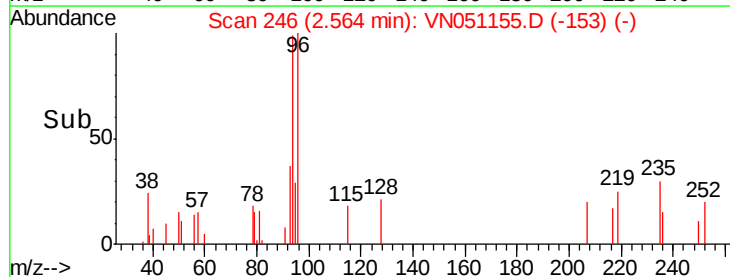
600

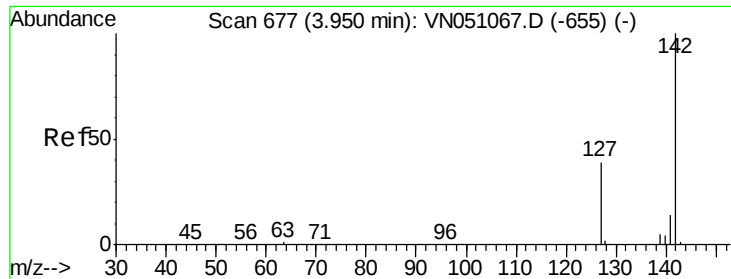
400

200

0

Time-->

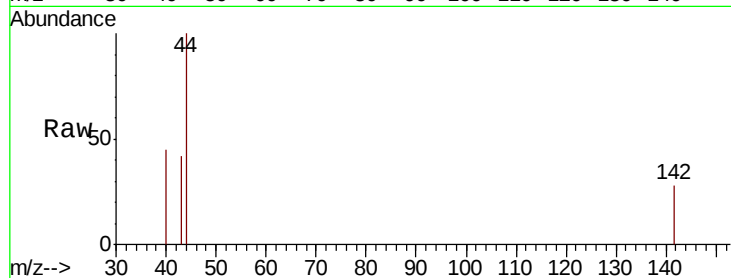




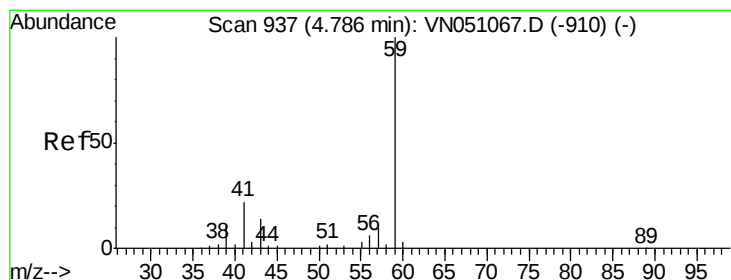
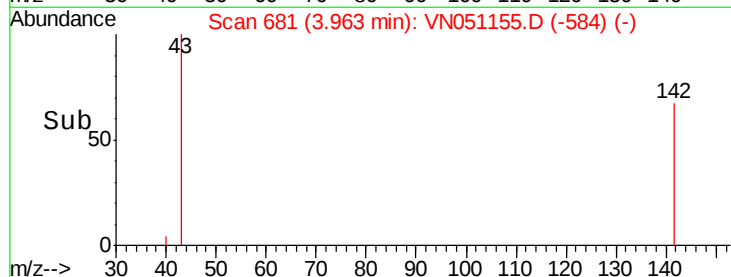
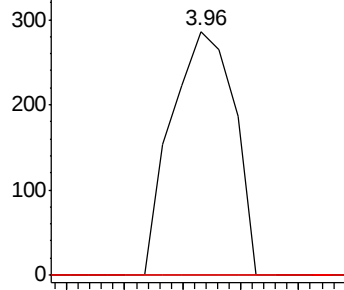
#10
Methyl Iodide
Concen: 5.66 ug/l
RT: 3.96 min Scan# 681
Delta R.T. 0.01 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Instrument :
MSVOA_N
ClientSampleId :
28570DL

Tot Ion:142 Resp: 215
Ion Ratio Lower Upper
142 100
127 0.0 31.0 46.4#
141 0.0 11.3 16.9#

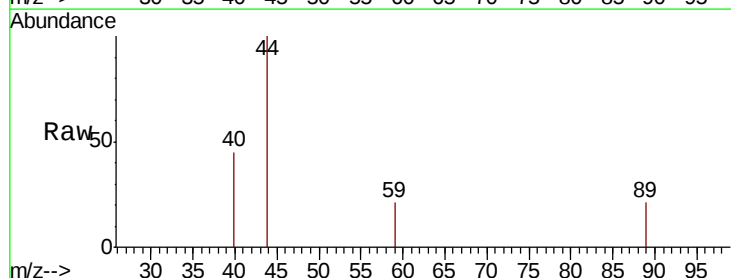


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

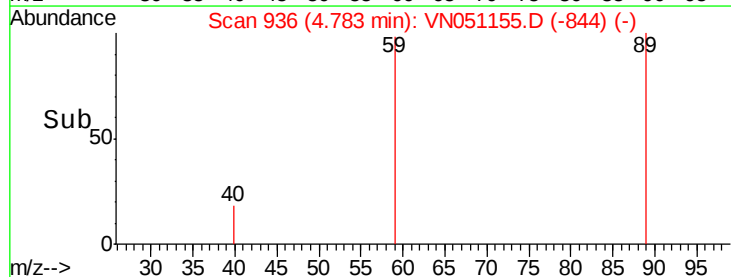
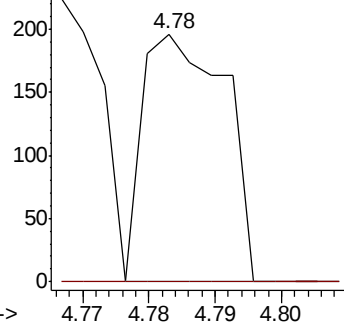


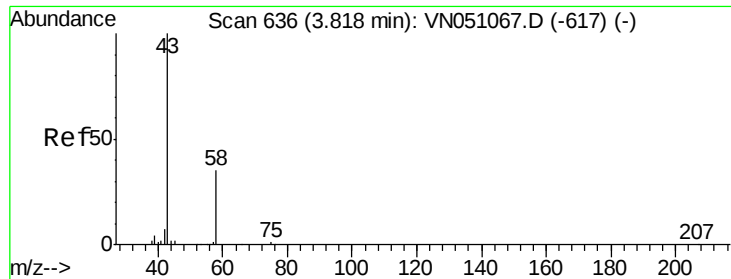
#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 4.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): V
Ion 57.00 (56.70 to 57.70): V





#16

Acetone

Concen: 33.01 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampled :

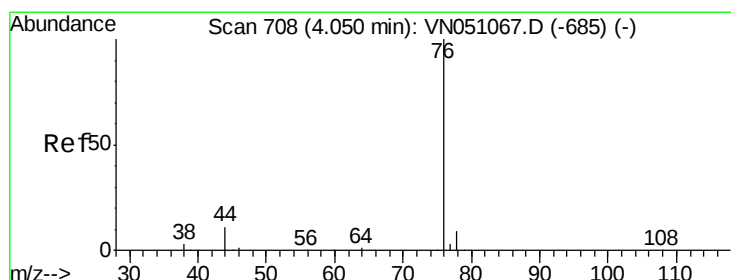
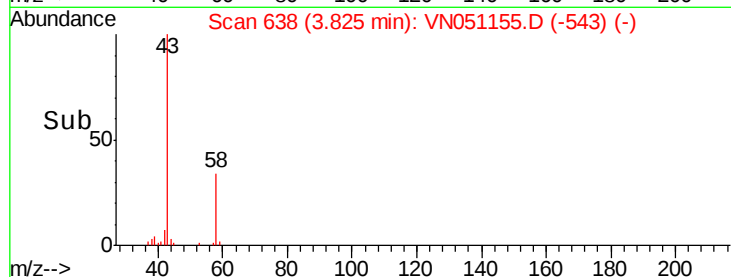
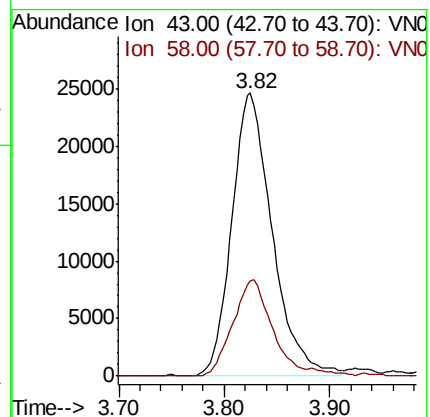
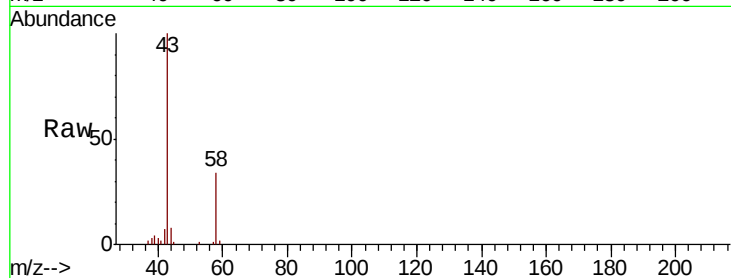
28570DL

Tot Ion: 43 Resp: 65518

Ion Ratio Lower Upper

43 100

58 33.8 27.8 41.6



#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.01 min

Lab File: VN051155.D

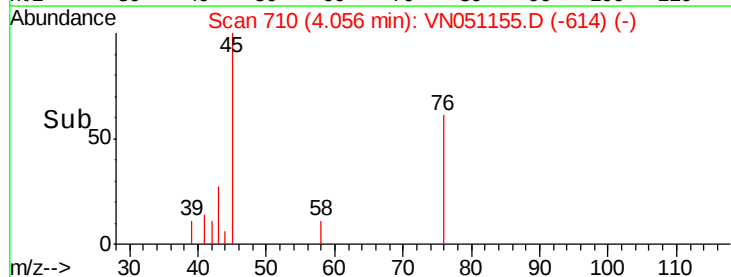
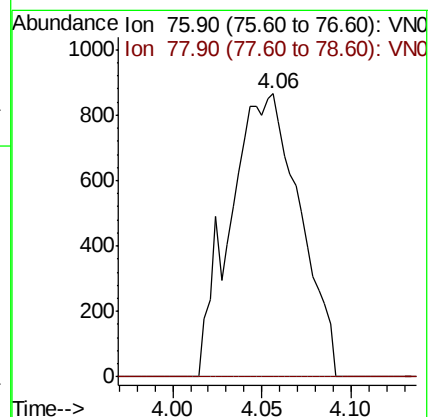
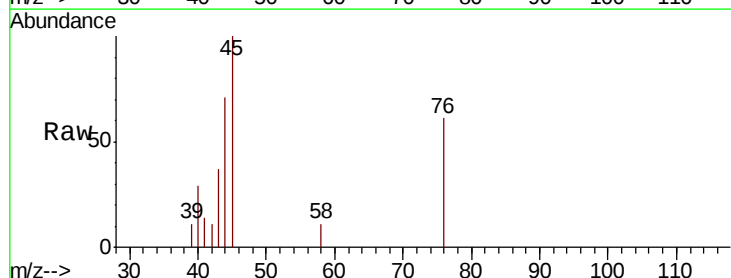
Acq: 12 Sep 2018 17:50

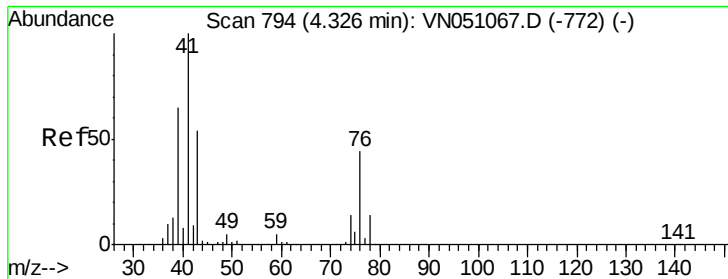
Tgt Ion: 76 Resp: 2345

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

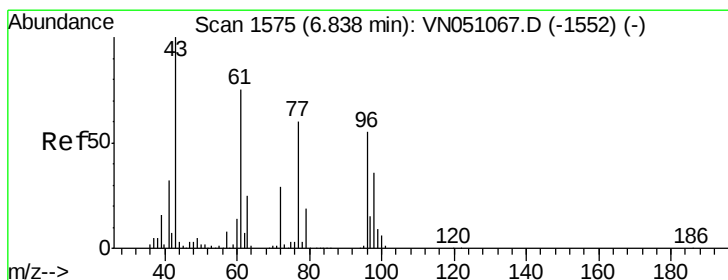
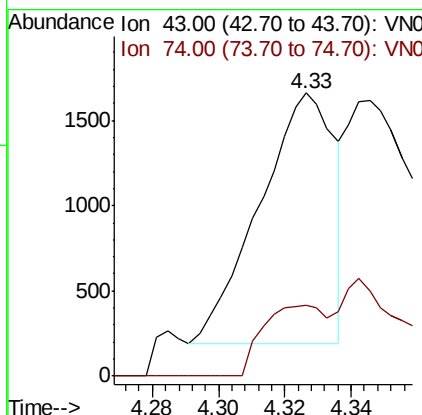
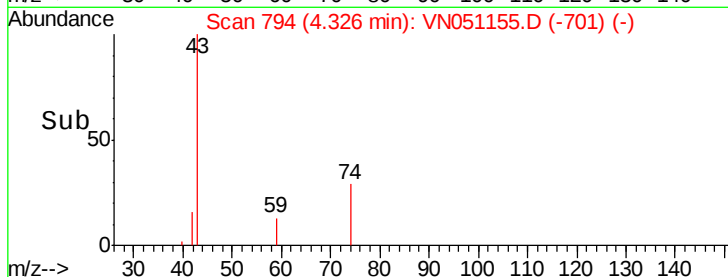
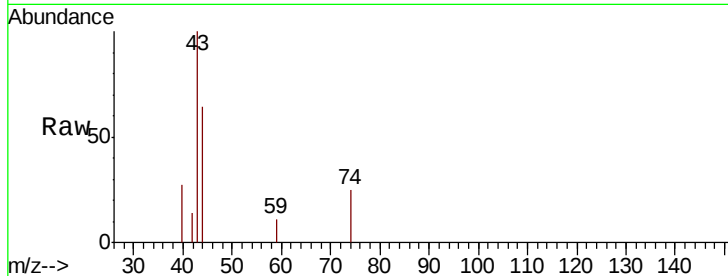




#18
Methvl Acetate
Concen: 0.42 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

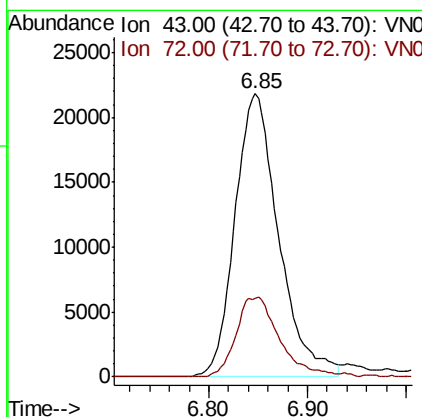
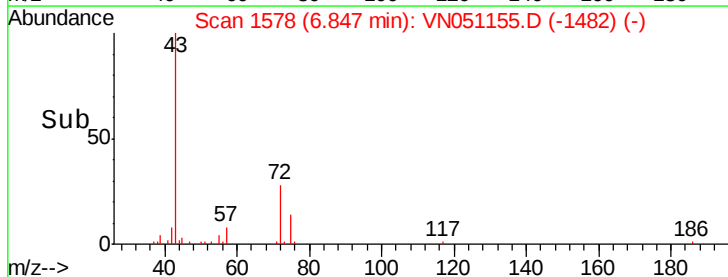
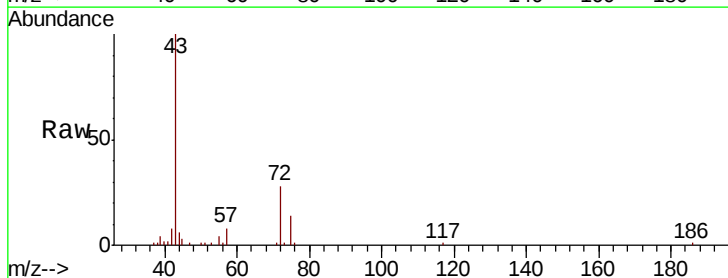
Instrument :
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ClientSampleId :
28570DL

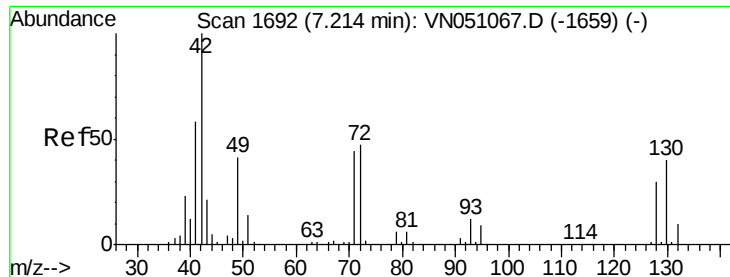
Tot Ion: 43 Resp: 2316
Ion Ratio Lower Upper
43 100
74 23.5 20.7 31.1



#25
2-Butanone
Concen: 24.54 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion: 43 Resp: 67152
Ion Ratio Lower Upper
43 100
72 27.6 23.0 34.6





#29

Tetrahydrofuran

Concen: 44.14 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

28570DL

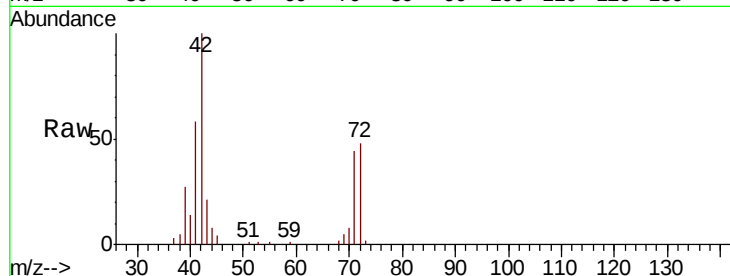
Tot Ion: 42 Resp: 75424

Ion Ratio Lower Upper

42 100

72 47.7 37.4 56.0

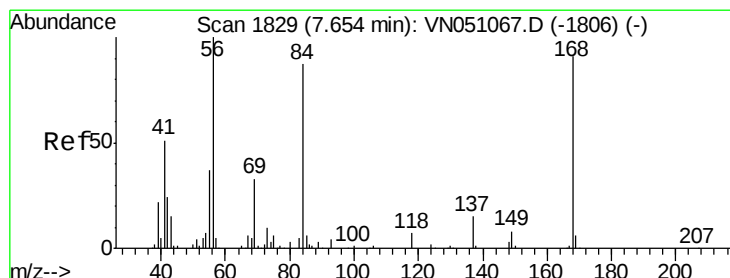
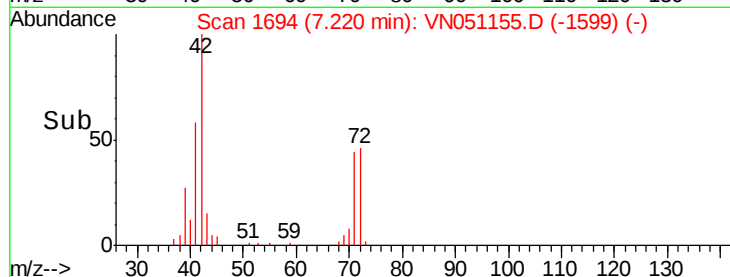
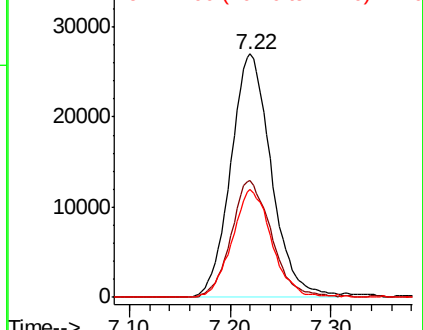
71 43.1 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.62 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

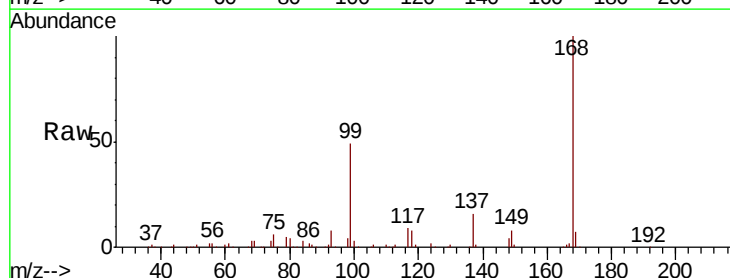
Tgt Ion: 56 Resp: 9621

Ion Ratio Lower Upper

56 100

69 199.2 26.3 39.5#

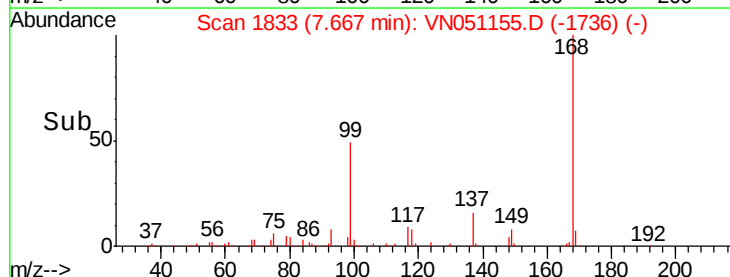
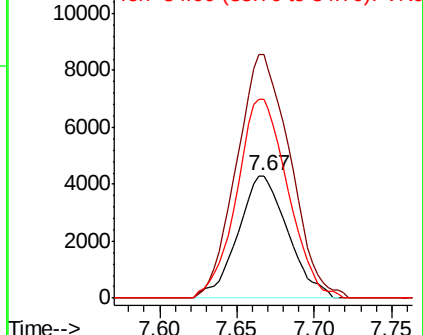
84 163.0 69.4 104.0#

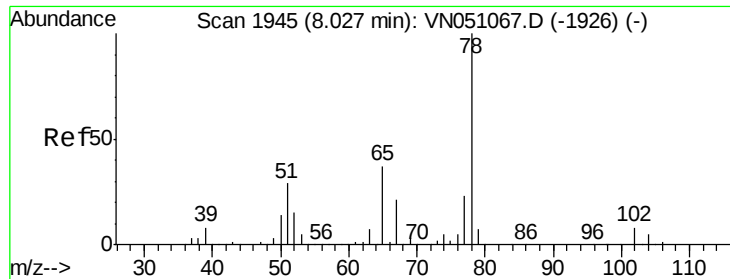


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

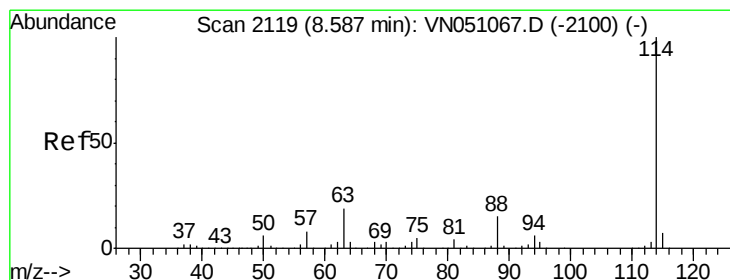
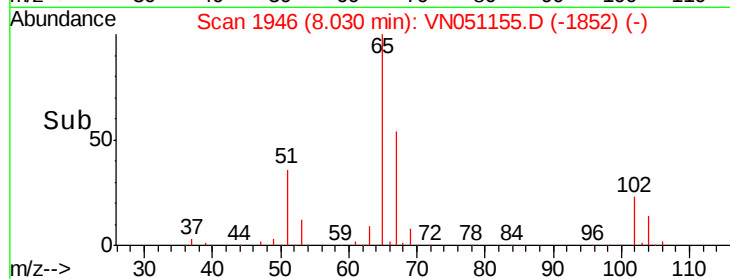
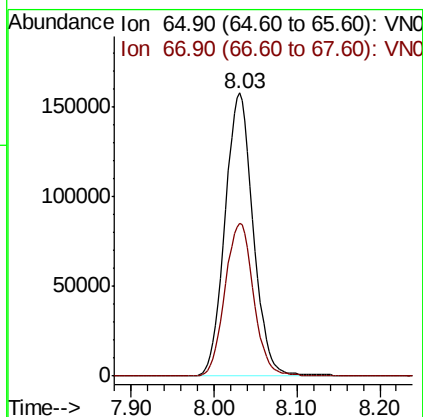
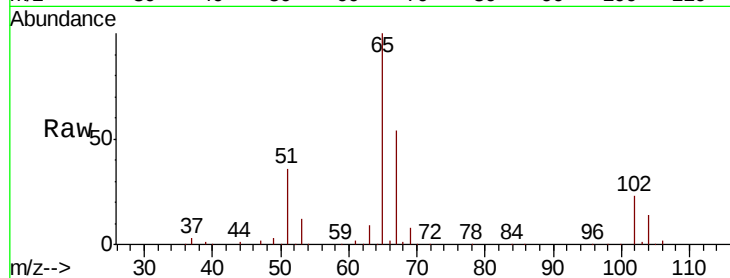




#33
 1,2-Dichloroethane-d4
 Concen: 53.55 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

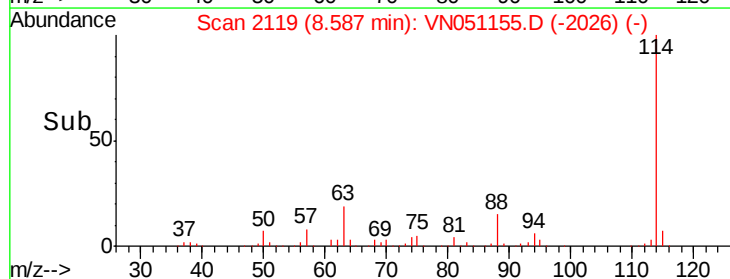
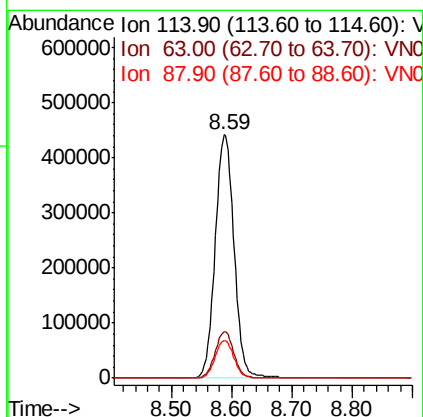
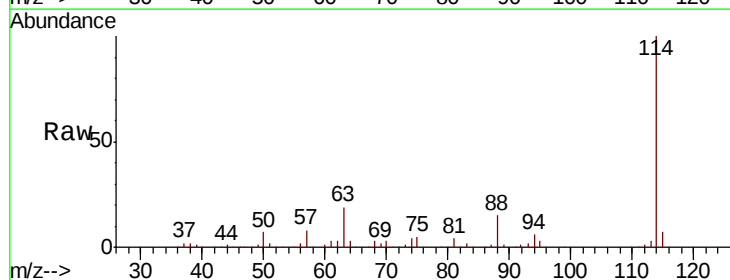
Instrument :
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 28570DL

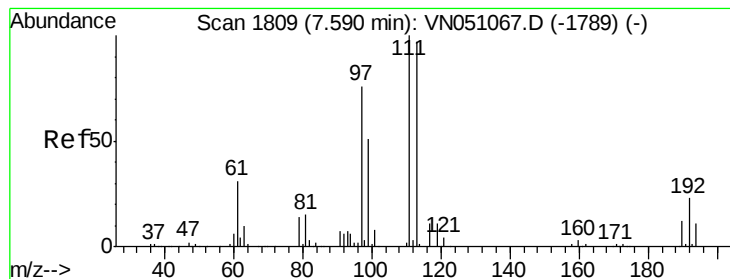
Tot Ion: 65 Resp: 372668
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

Tgt Ion: 114 Resp: 941883
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.72 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

28570DL

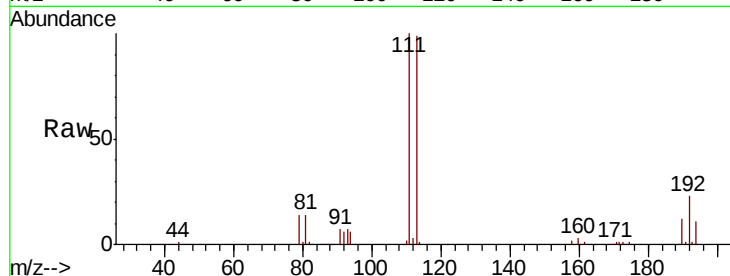
Tot Ion:113 Resp: 358942

Ion Ratio Lower Upper

113 100

111 100.6 83.0 124.6

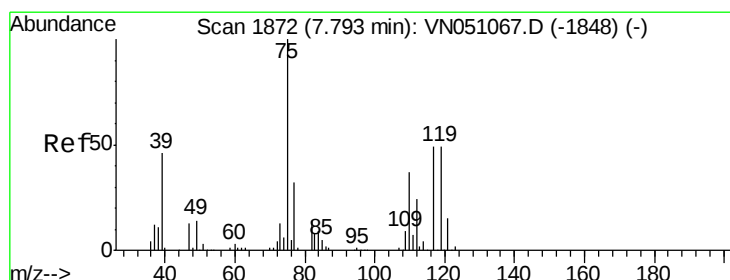
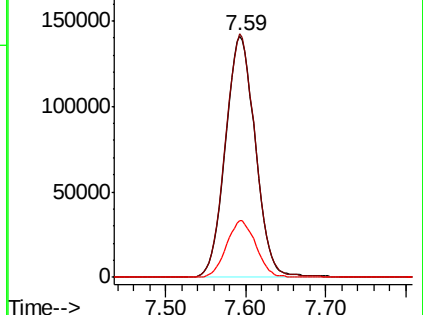
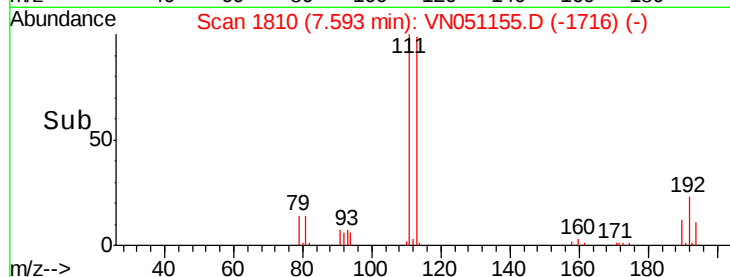
192 23.1 18.7 28.1



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: 3.83 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

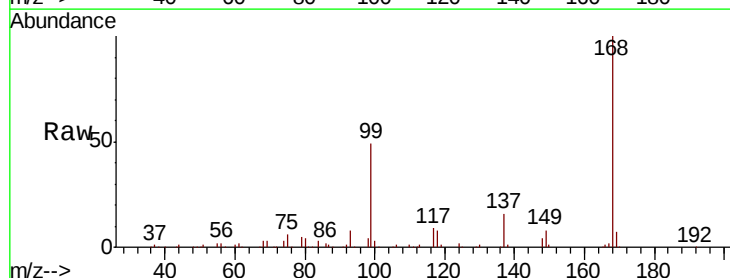
Tgt Ion: 75 Resp: 39606

Ion Ratio Lower Upper

75 100

110 9.0 18.6 55.8#

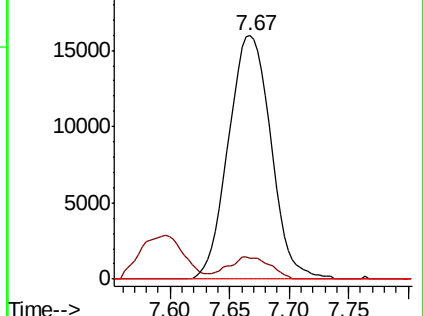
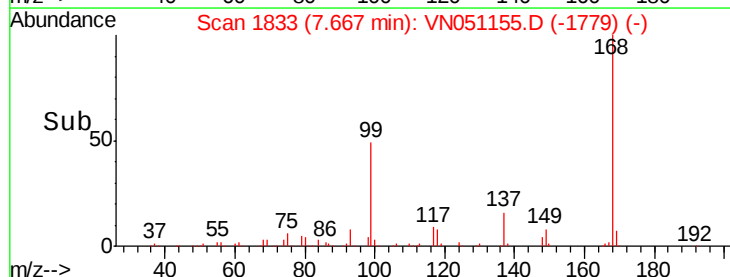
77 0.0 25.2 37.8#

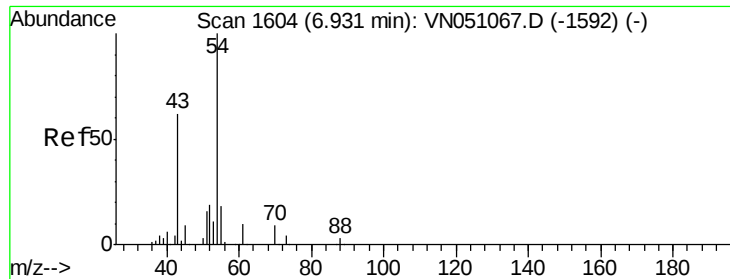


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

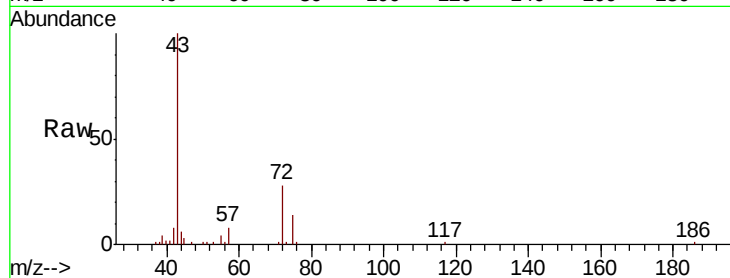




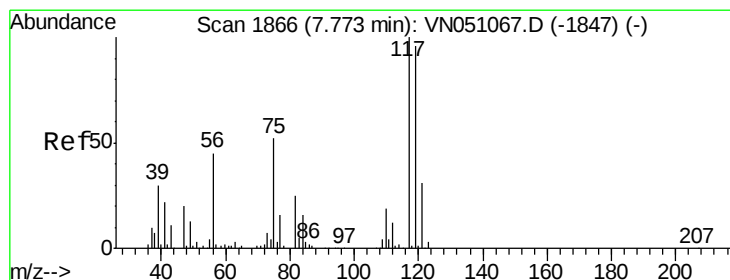
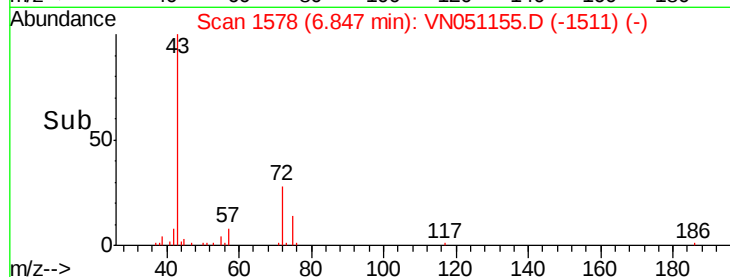
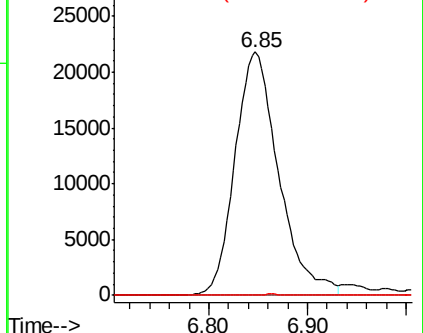
#37
Ethyl Acetate
Concen: 11.21 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.08 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Instrument :
MSVOA_N
ClientSampleId :
28570DL

Tot Ion: 43 Resp: 67152
Ion Ratio Lower Upper
43 100
61 0.0 12.4 18.6#
70 0.2 9.3 13.9#

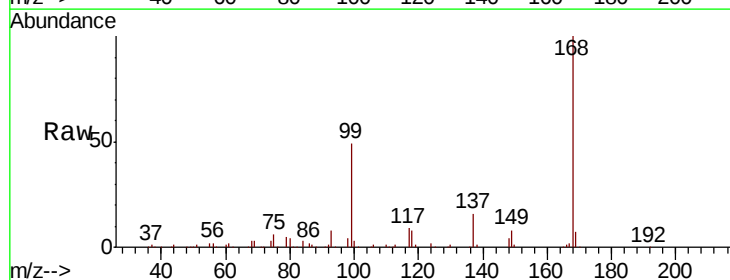


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

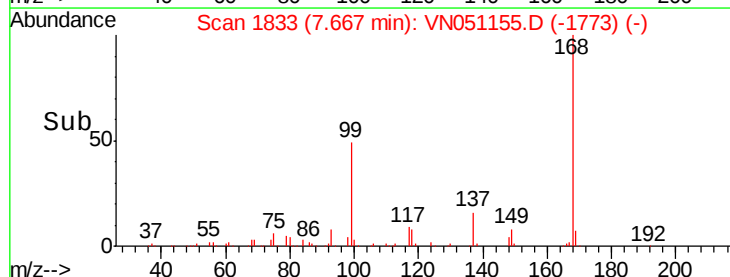
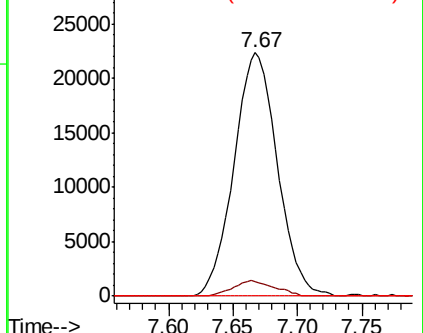


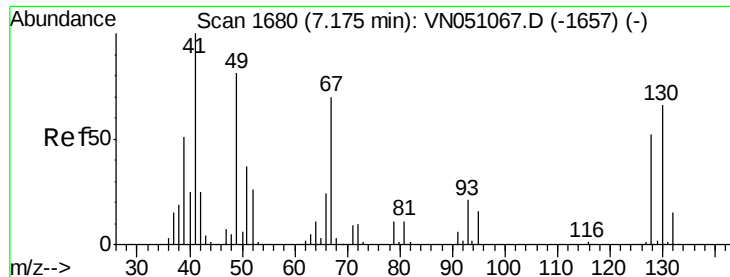
#38
Carbon Tetrachloride
Concen: 5.14 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion: 117 Resp: 52304
Ion Ratio Lower Upper
117 100
119 5.9 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

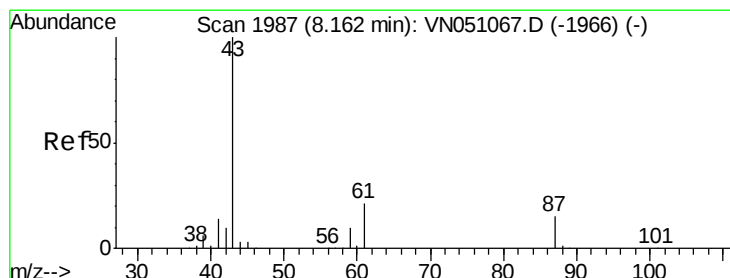
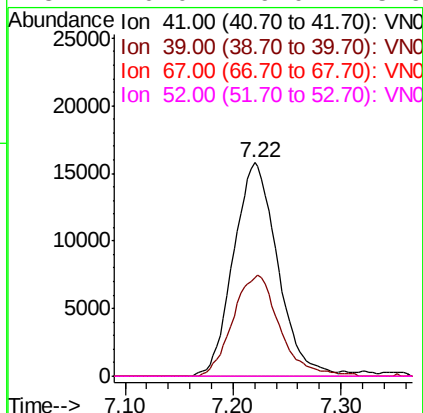
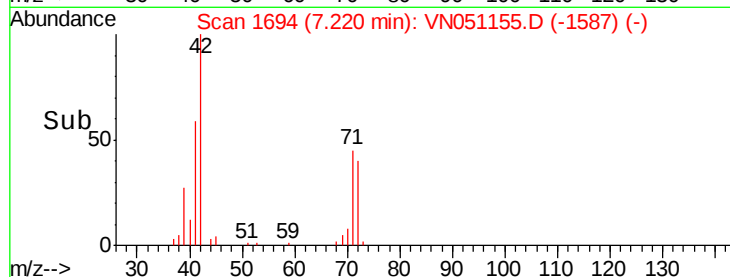
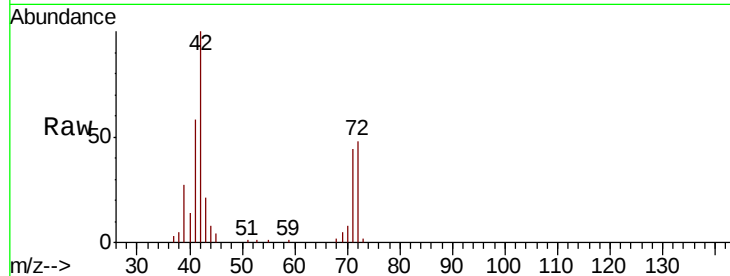




#41
Methacrylonitrile
Concen: 14.55 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.04 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

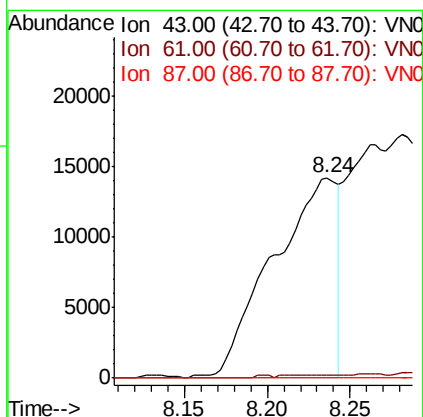
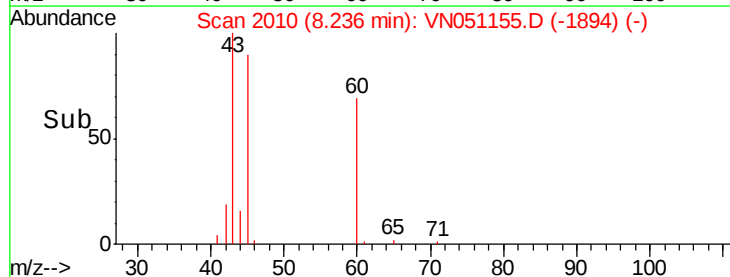
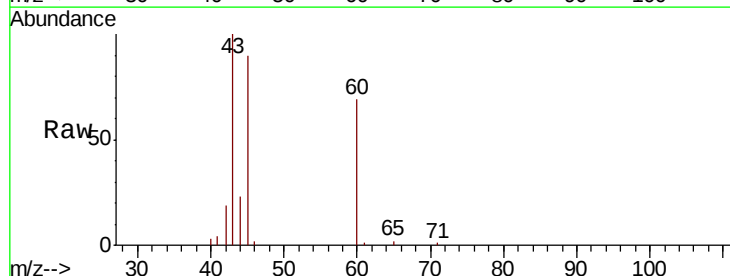
Instrument :
MSVOA_N
ClientSampleId :
28570DL

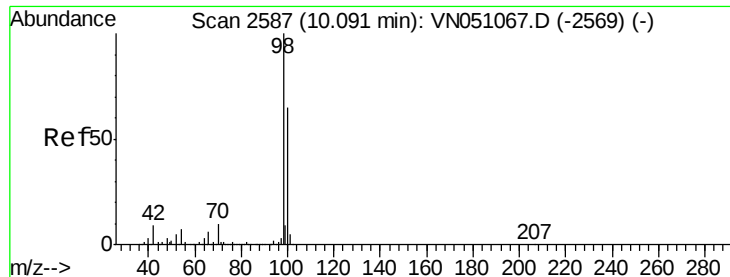
Tot Ion: 41 Resp: 44948
Ion Ratio Lower Upper
41 100
39 49.9 51.3 76.9#
67 0.0 78.5 117.7#
52 0.0 29.0 43.6#



#43
Isopropyl Acetate
Concen: 3.65 ug/l
RT: 8.24 min Scan# 2010
Delta R.T. 0.07 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion: 43 Resp: 38580
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 11.8 17.8#





#50

Toluene-d8

Concen: 47.47 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

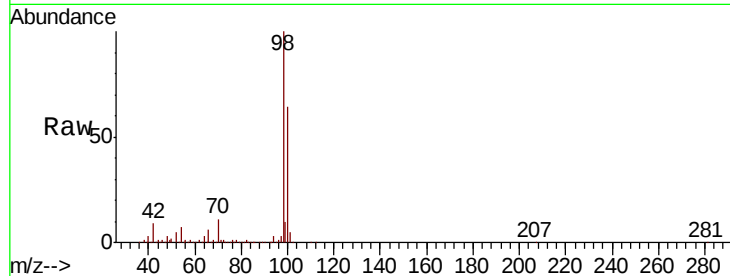
28570DL

Tot Ion: 98 Resp: 1274861

Ion Ratio Lower Upper

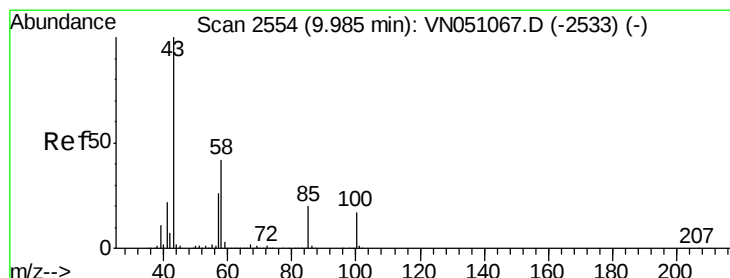
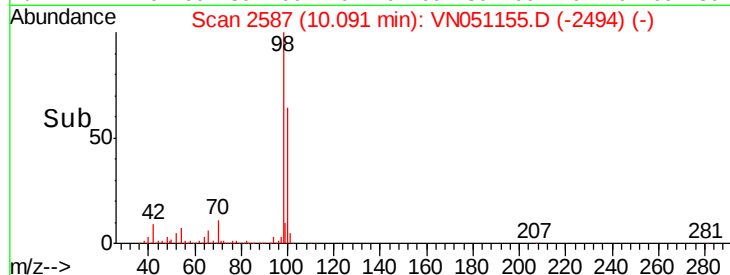
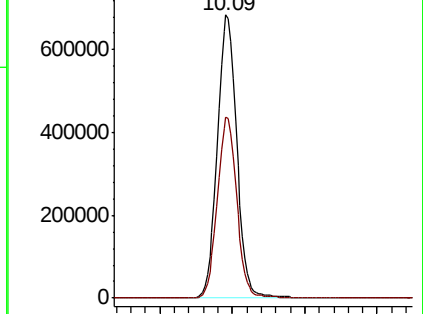
98 100

100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN051067.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.43 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051155.D

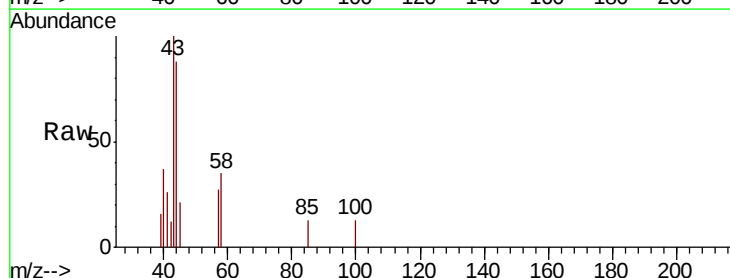
Acq: 12 Sep 2018 17:50

Tgt Ion: 43 Resp: 2520

Ion Ratio Lower Upper

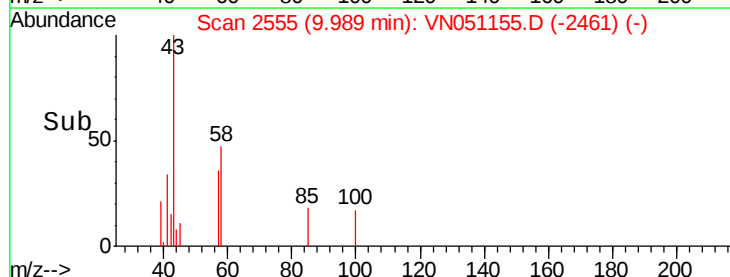
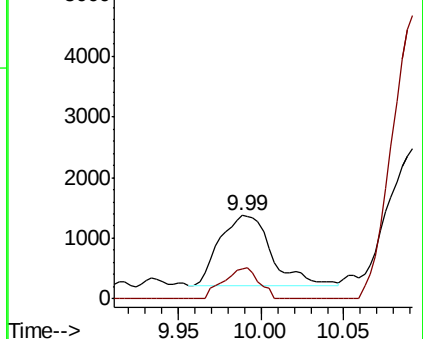
43 100

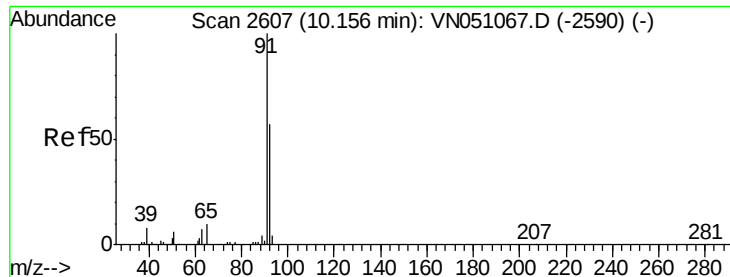
58 29.8 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-2533) (-)





#52

Toluene

Concen: 3.32 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

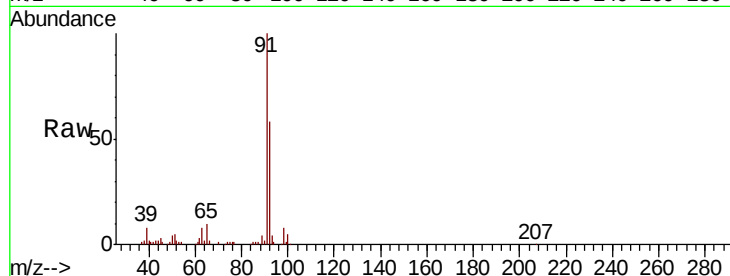
28570DL

Tot Ion: 92 Resp: 63082

Ion Ratio Lower Upper

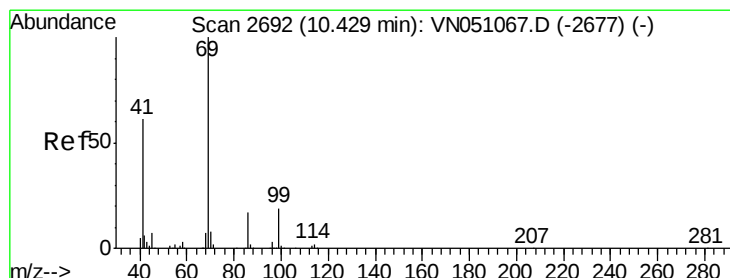
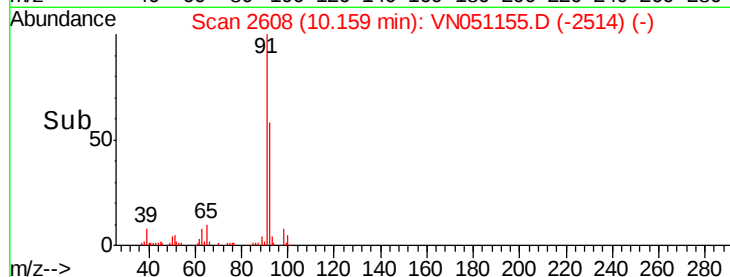
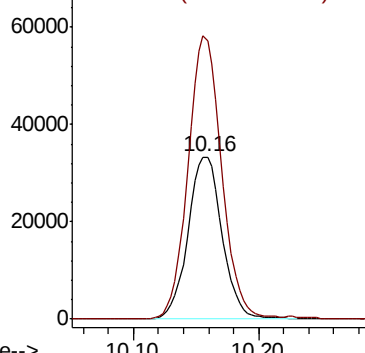
92 100

91 171.7 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#56

Ethyl methacrylate

Concen: 2.46 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

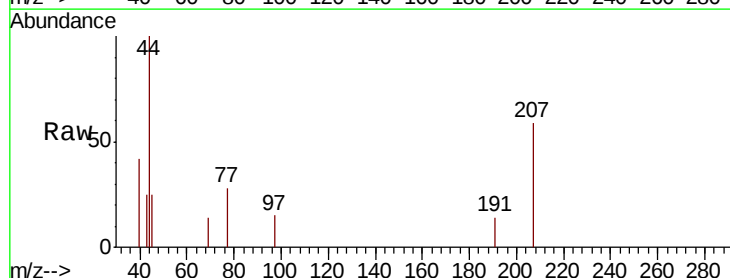
Tgt Ion: 69 Resp: 29

Ion Ratio Lower Upper

69 100

41 0.0 47.8 71.8#

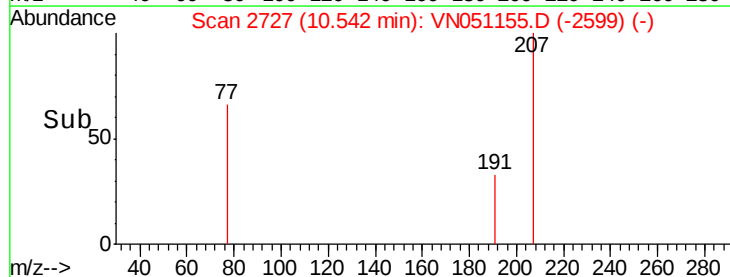
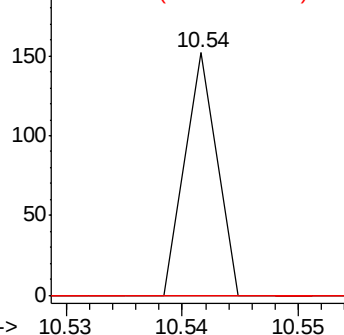
39 0.0 23.0 34.4#

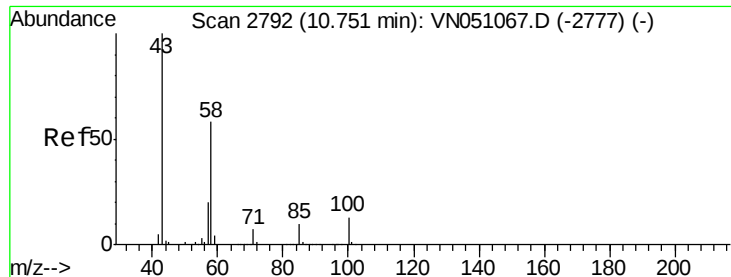


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

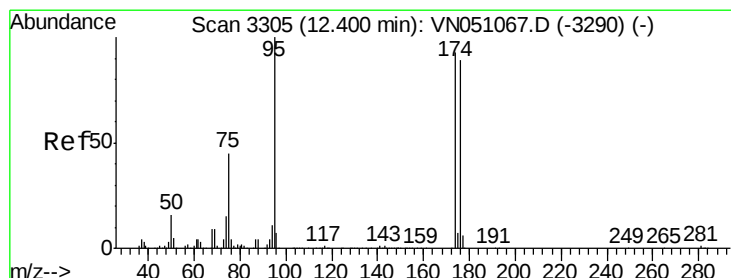
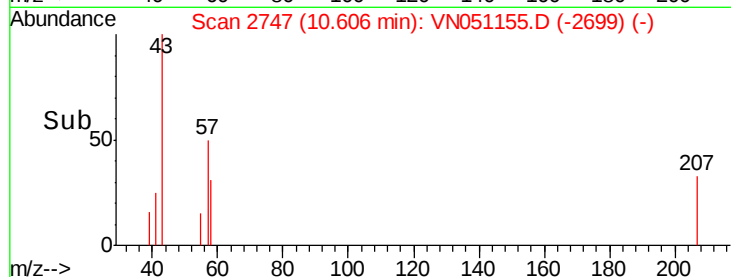
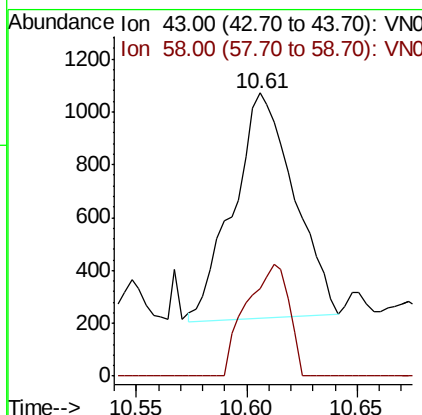
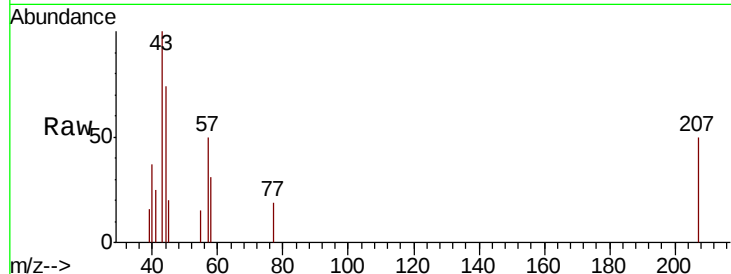




#59
2-Hexanone
Concen: 0.41 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. -0.14 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

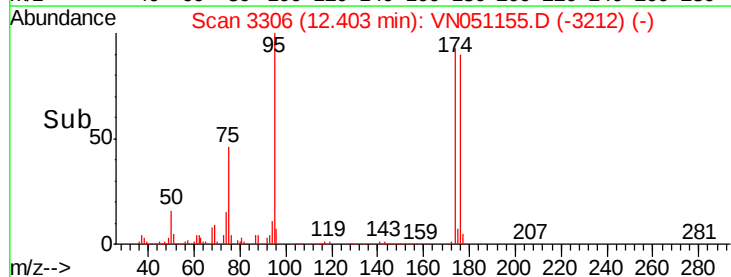
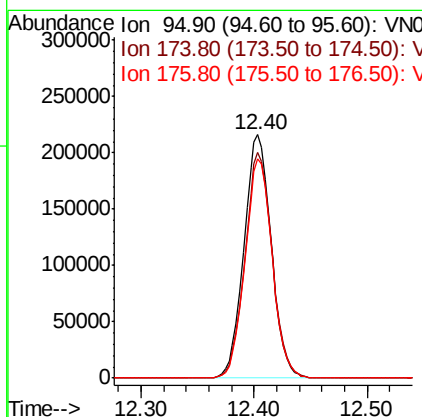
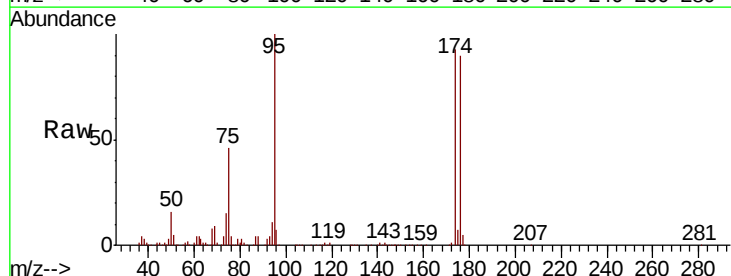
Instrument :
MSVOA_N
ClientSampleId :
28570DL

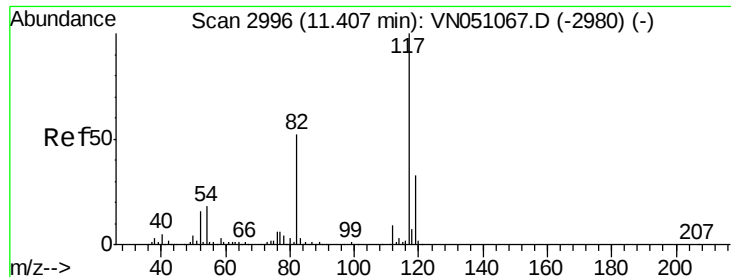
Tot Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
58 35.0 29.3 88.0



#62
4-Bromofluorobenzene
Concen: 40.81 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion: 95 Resp: 362521
Ion Ratio Lower Upper
95 100
174 92.3 0.0 184.8
176 89.8 0.0 178.6

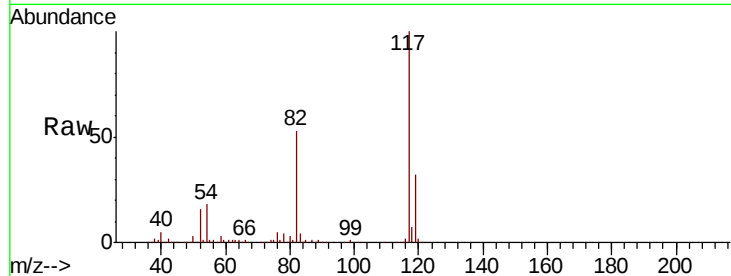




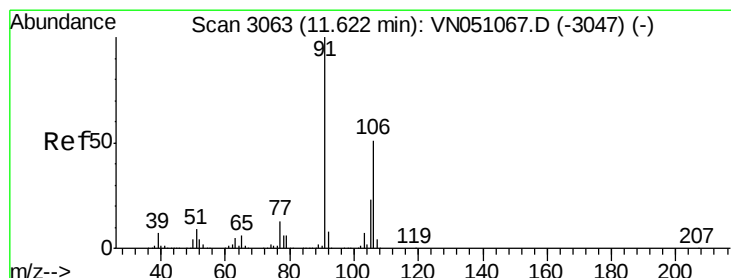
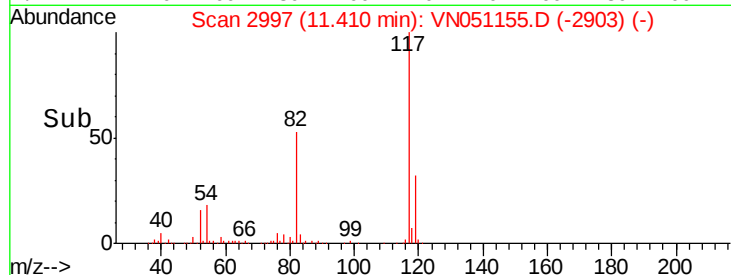
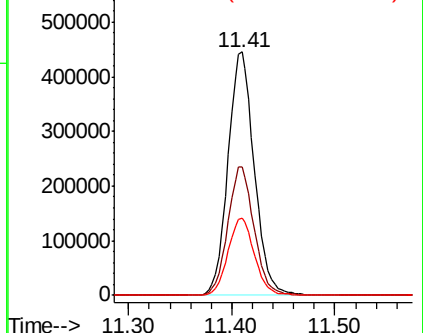
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Instrument :
MSVOA_N
ClientSampleId :
28570DL

Tot Ion:117 Resp: 789032
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 31.8 26.2 39.2

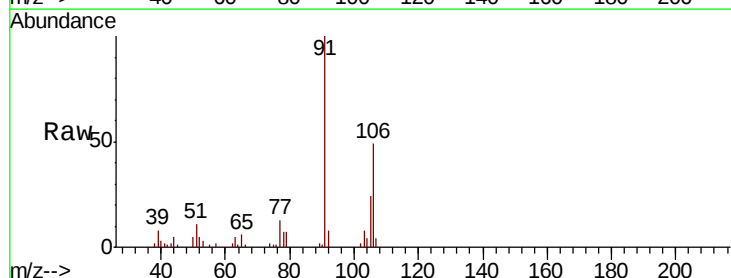


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

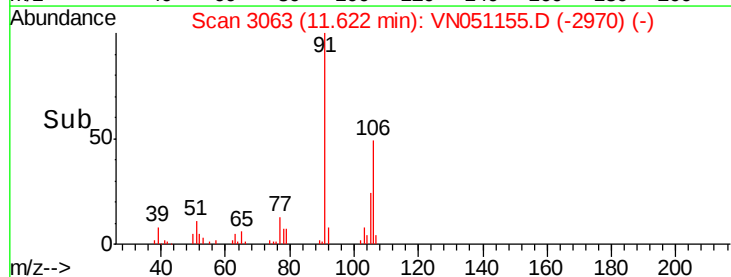
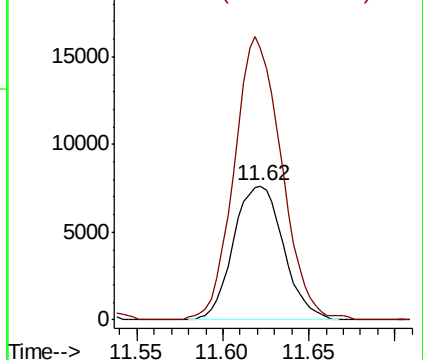


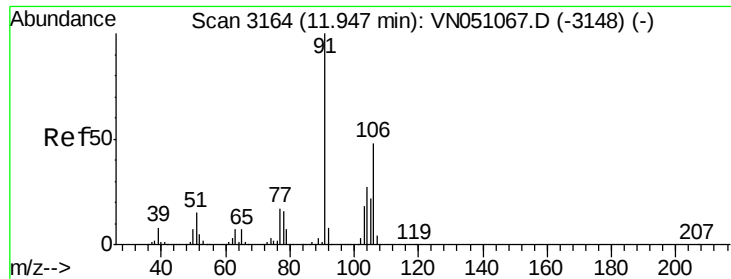
#68
m/p-Xylenes
Concen: 1.25 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion:106 Resp: 15451
Ion Ratio Lower Upper
106 100
91 199.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

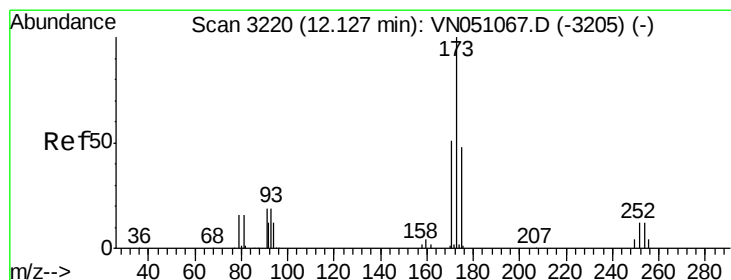
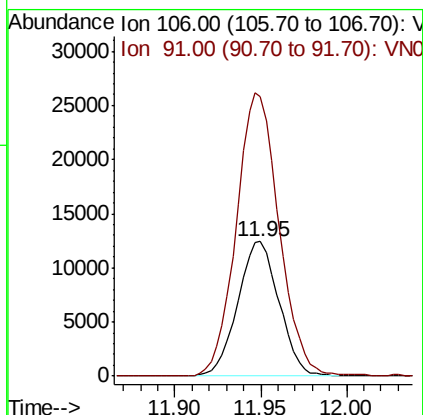
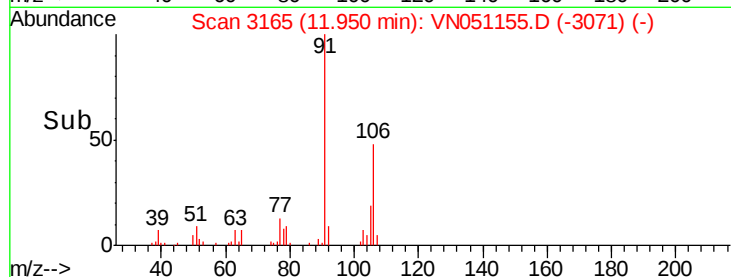
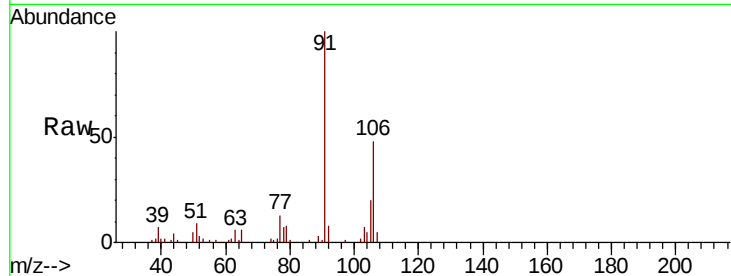




#69
o-Xylene
Concen: 1.73 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

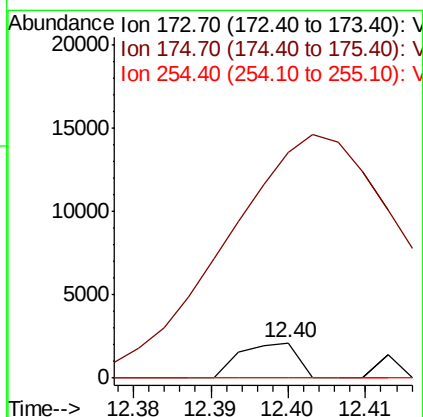
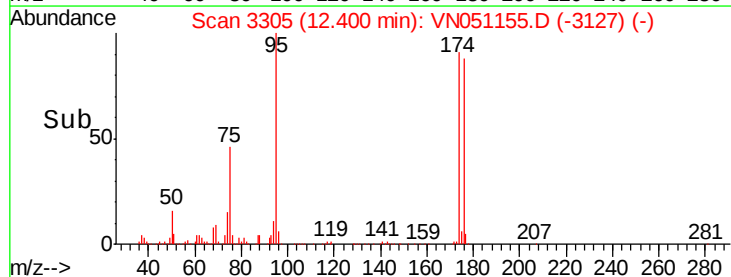
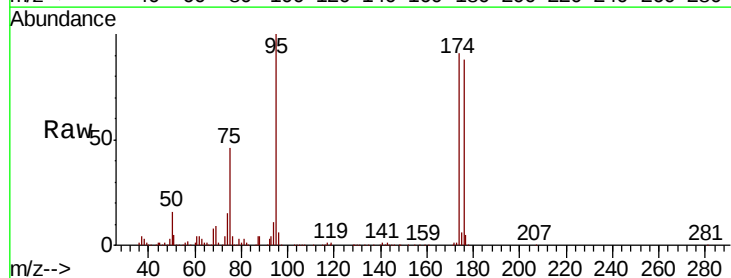
Instrument :
MSVOA_N
ClientSampled :
28570DL

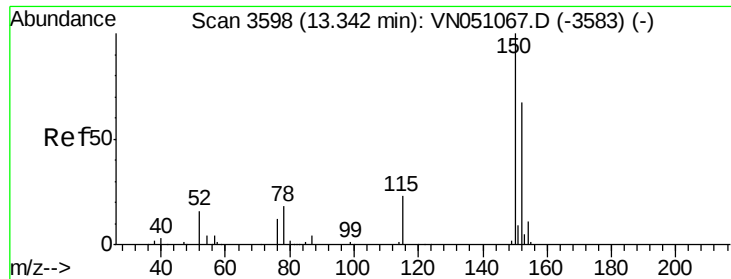
Tot Ion:106 Resp: 20702
Ion Ratio Lower Upper
106 100
91 217.9 105.1 315.1



#71
Bromoform
Concen: 0.22 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion:173 Resp: 1084
Ion Ratio Lower Upper
173 100
175 1852.4 24.3 72.9#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

28570DL

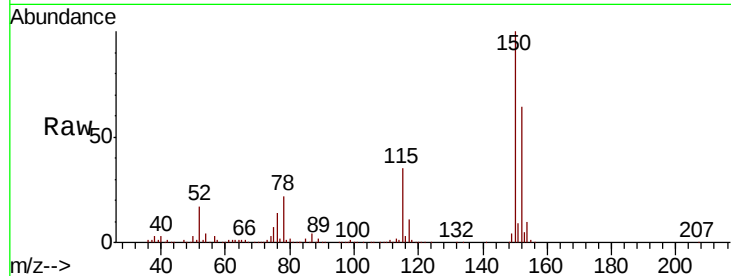
Tot Ion:152 Resp: 297114

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

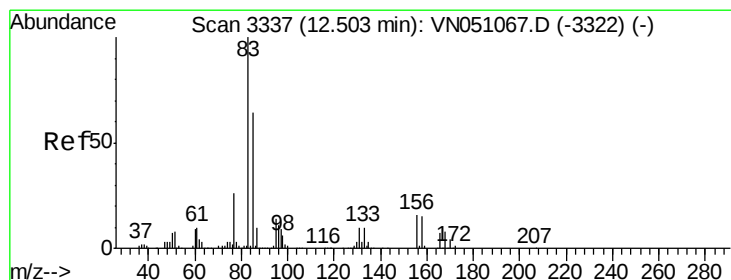
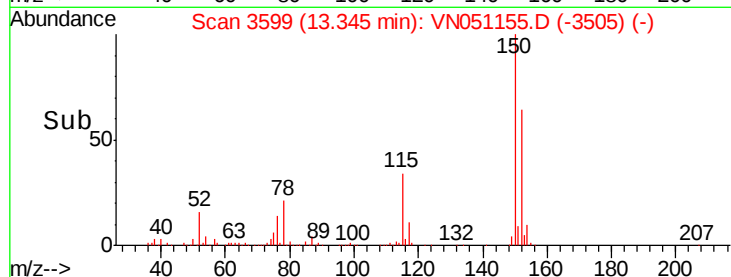
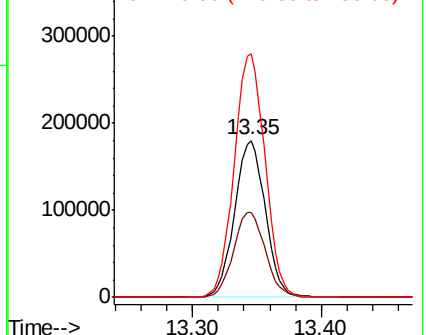
150 156.5 0.0 349.0



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: 12.53 min Scan# 3344

Delta R.T. 0.02 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

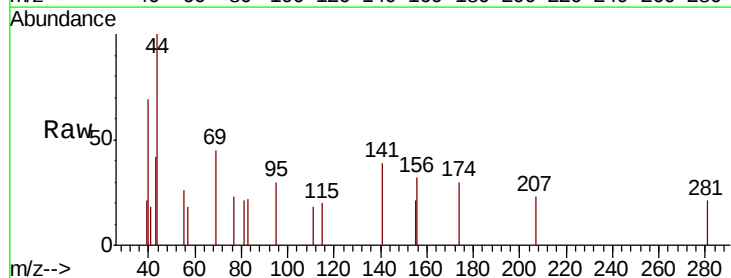
Tgt Ion: 83 Resp: 197

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

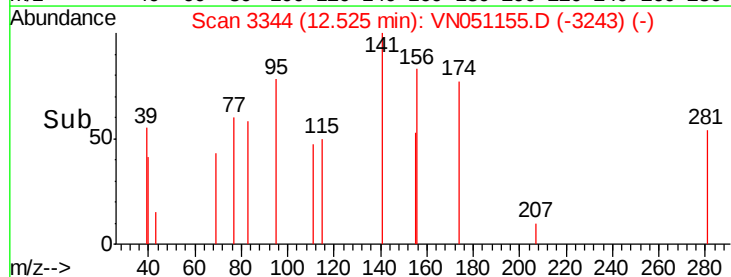
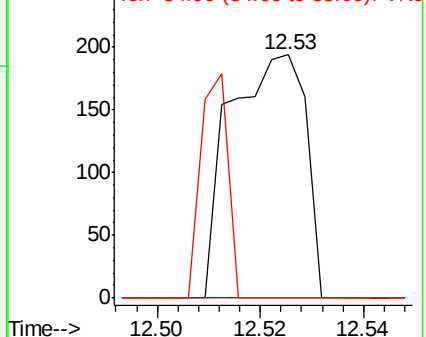
85 33.0 32.3 96.8

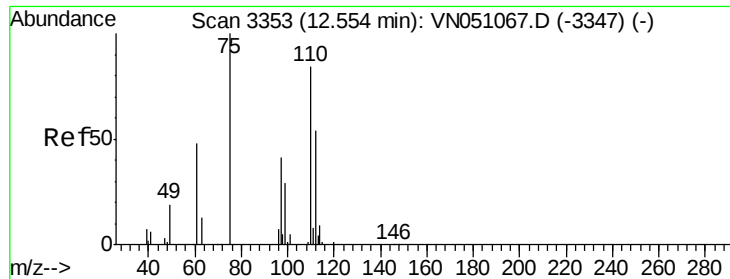


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V

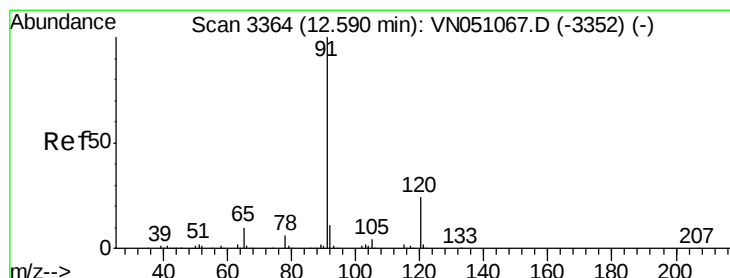
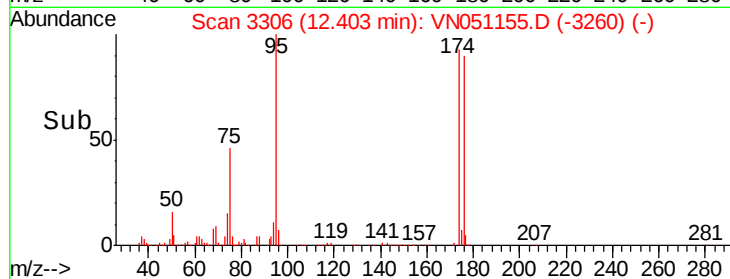
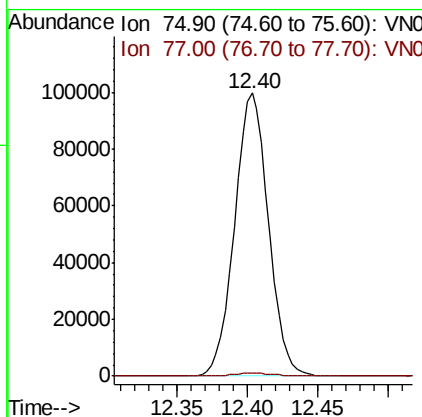
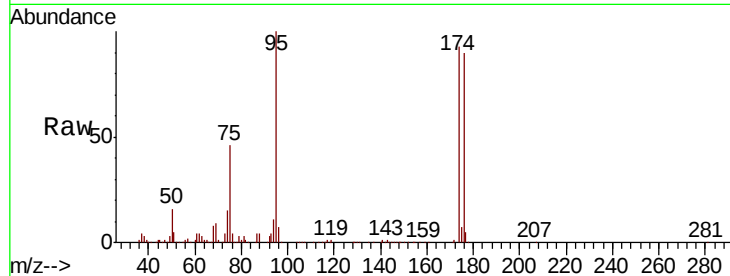




#76
 1,2,3-Trichloropropane
 Concen: 35.91 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

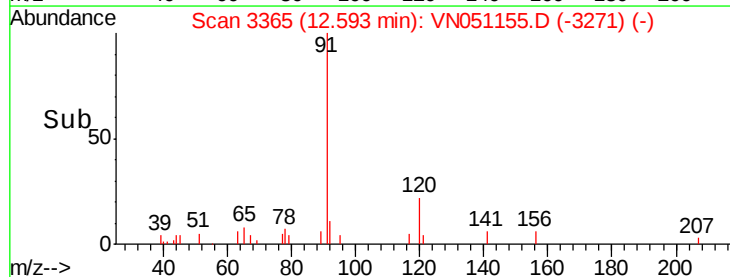
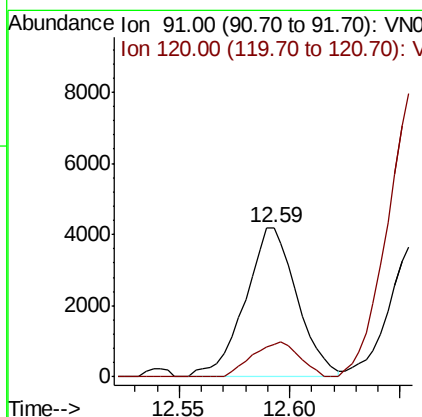
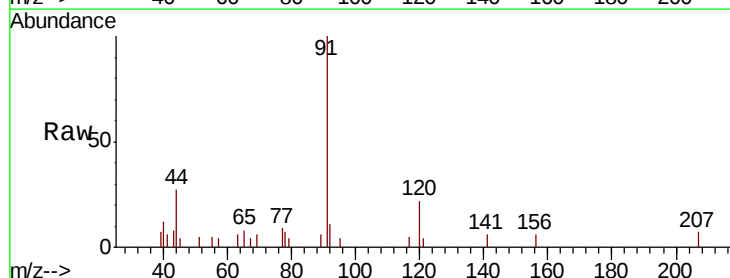
Instrument :
 MSVOA_N
 ClientSampled :
 28570DL

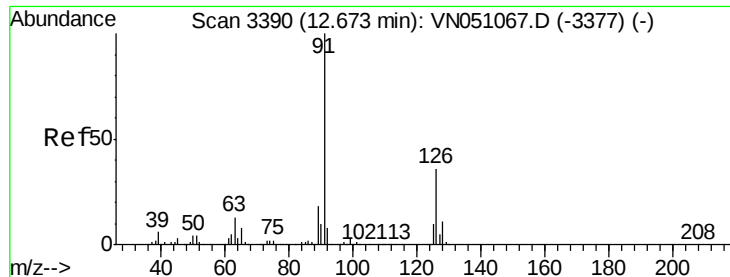
Tot Ion: 75 Resp: 167366
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.25 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

Tgt Ion: 91 Resp: 6839
 Ion Ratio Lower Upper
 91 100
 120 21.3 12.0 36.0





#79

2-Chlorotoluene

Concen: 0.21 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. 0.02 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

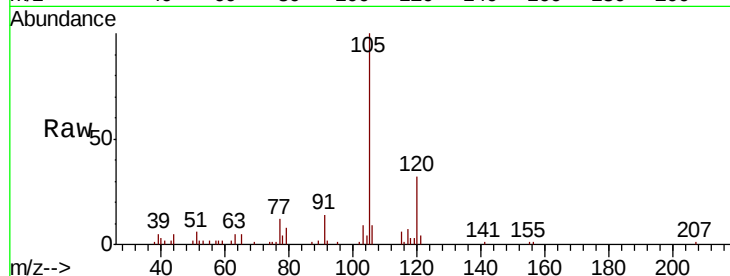
28570DL

Tot Ion: 91 Resp: 3617

Ion Ratio Lower Upper

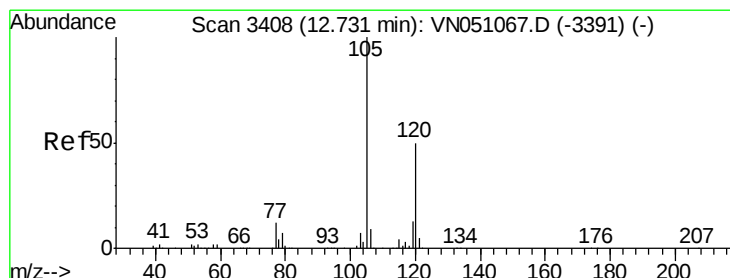
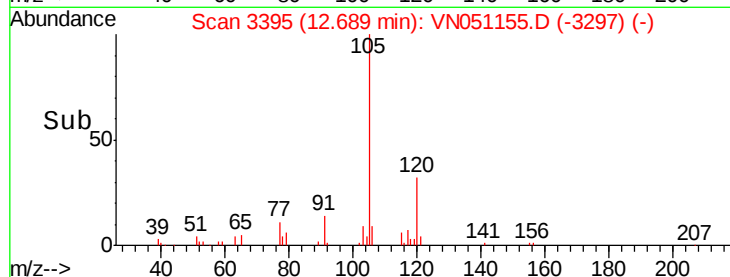
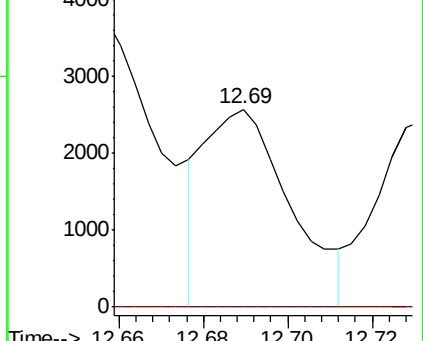
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN051067.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.93 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051155.D

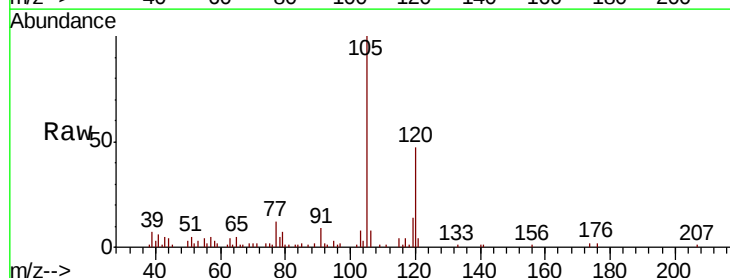
Acq: 12 Sep 2018 17:50

Tgt Ion: 105 Resp: 38962

Ion Ratio Lower Upper

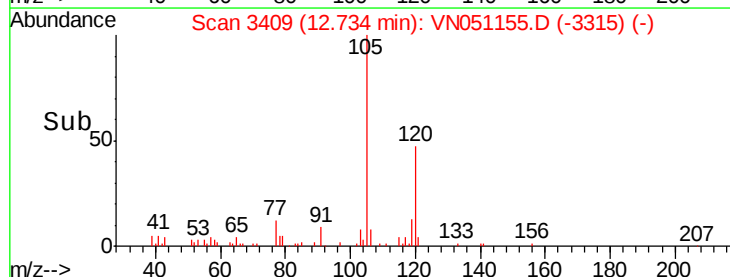
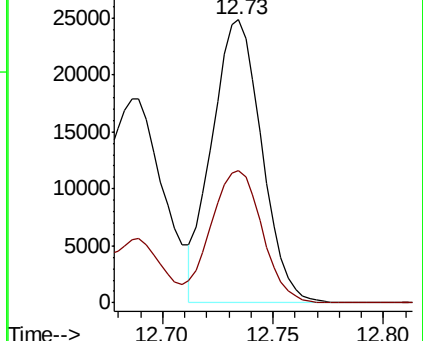
105 100

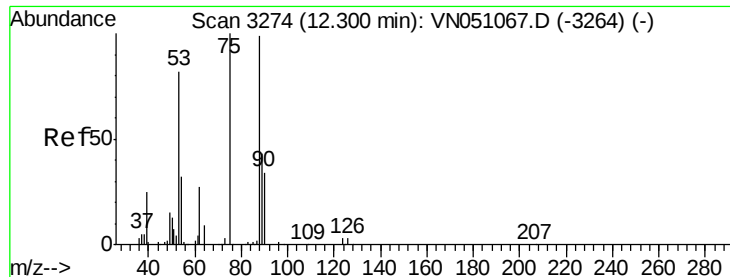
120 48.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 106.98 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampled :

28570DL

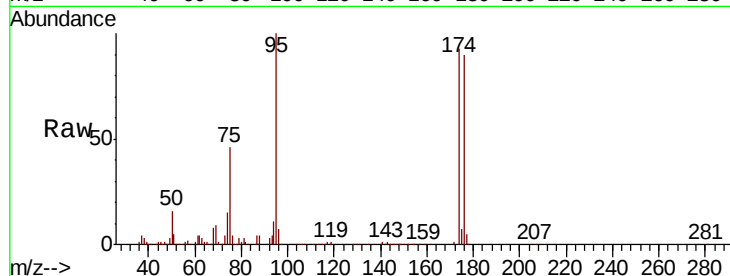
Tot Ion: 75 Resp: 167366

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

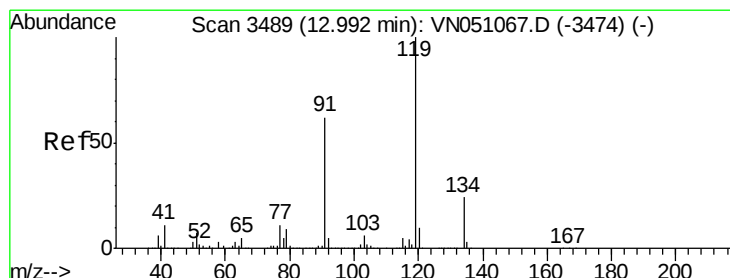
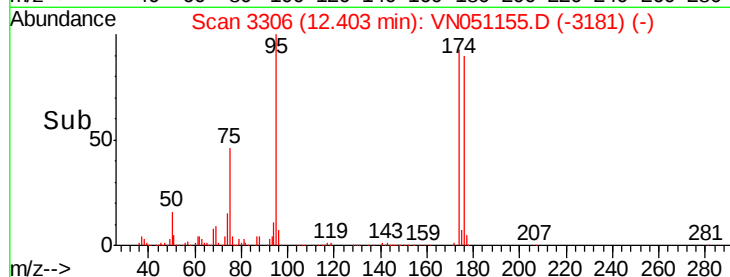
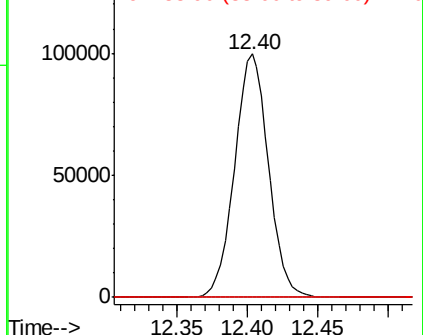
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: 0.22 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

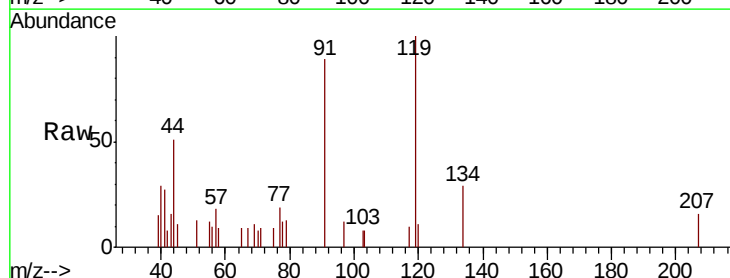
Tgt Ion: 119 Resp: 3960

Ion Ratio Lower Upper

119 100

91 76.4 30.8 92.3

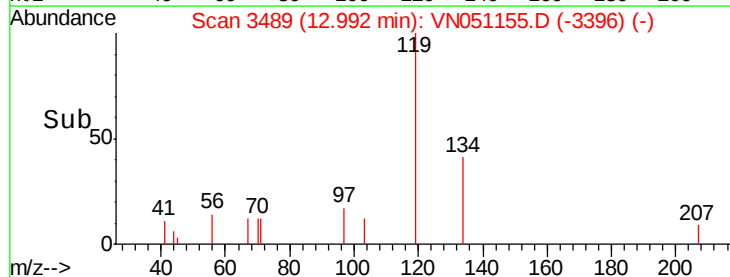
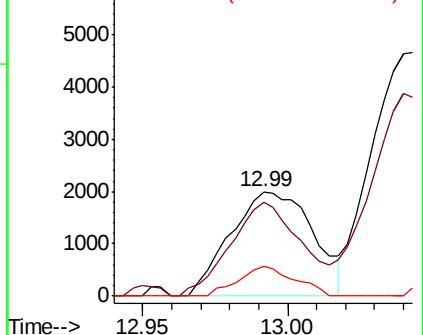
134 19.3 13.2 39.6

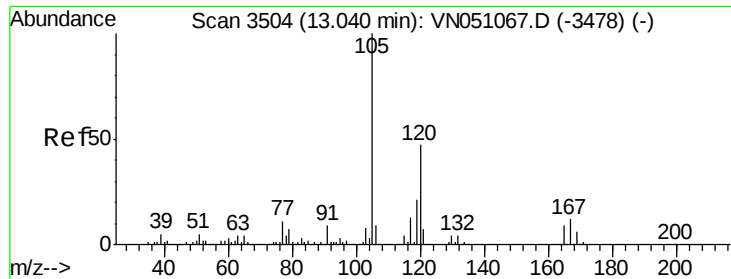


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 2.71 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampled :

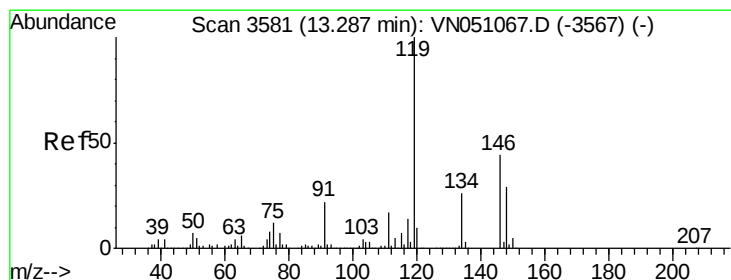
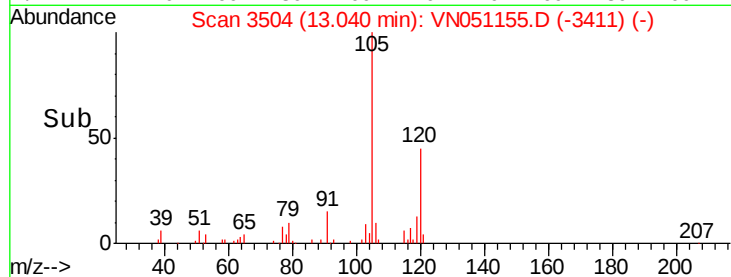
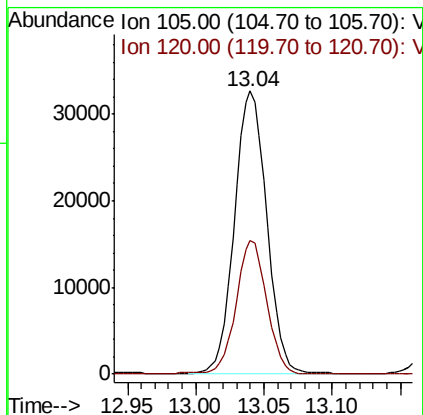
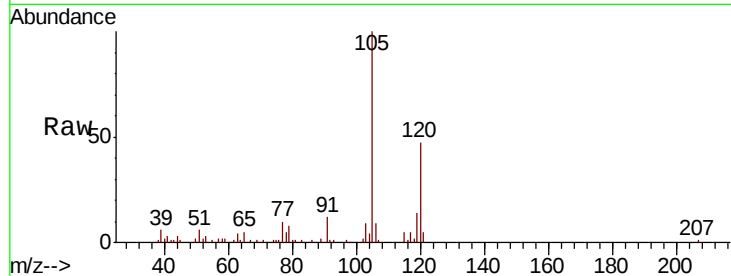
28570DL

Tot Ion:105 Resp: 53739

Ion Ratio Lower Upper

105 100

120 44.4 23.3 69.8



#86

p-Isopropyltoluene

Concen: 0.23 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

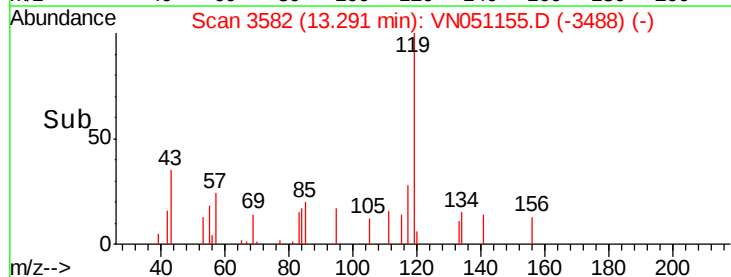
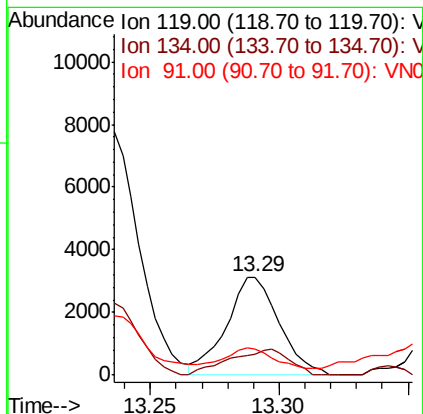
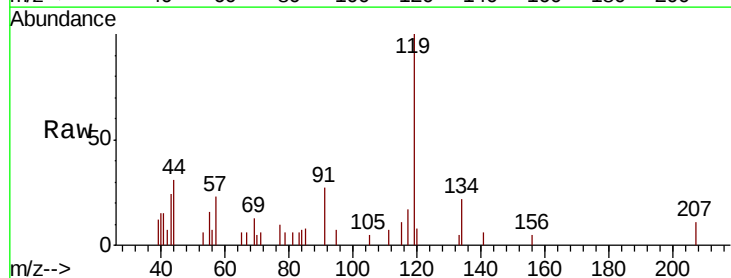
Tgt Ion:119 Resp: 4463

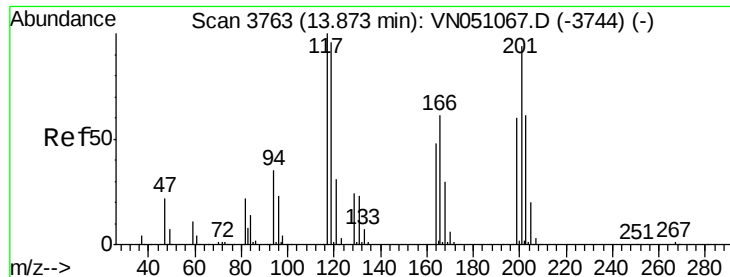
Ion Ratio Lower Upper

119 100

134 30.3 13.5 40.4

91 22.7 10.9 32.9





#90

Hexachloroethane

Concen: 0.69 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampled :

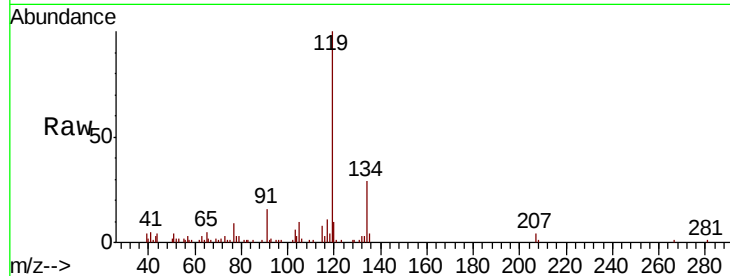
28570DL

Tot Ion:117 Resp: 4586

Ion Ratio Lower Upper

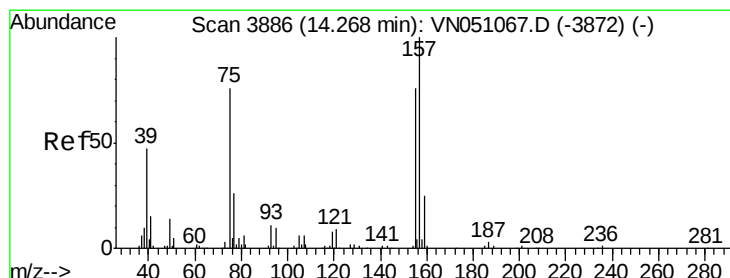
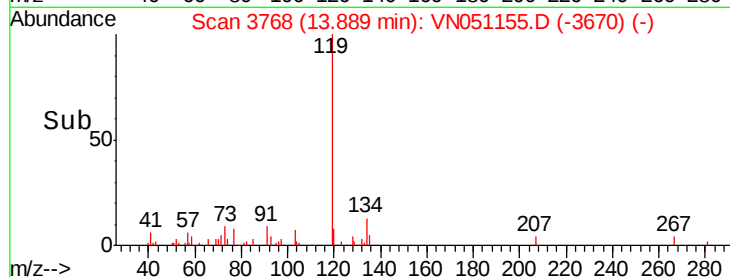
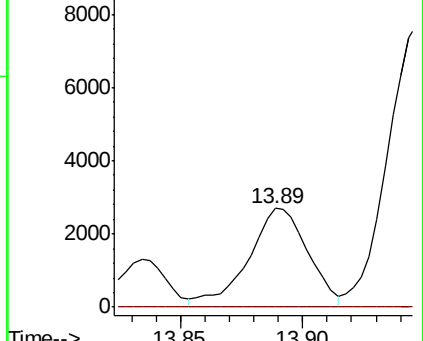
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.78 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.03 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

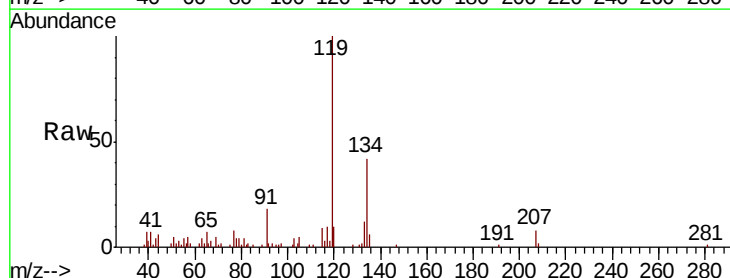
Tgt Ion: 75 Resp: 104

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

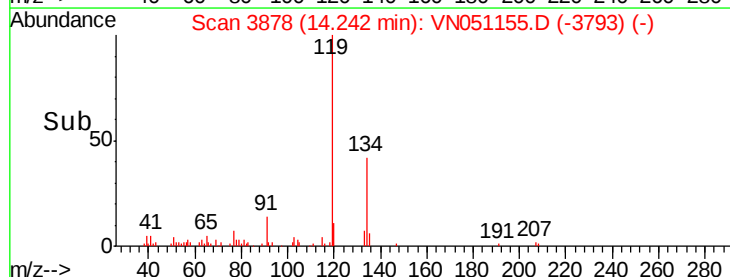
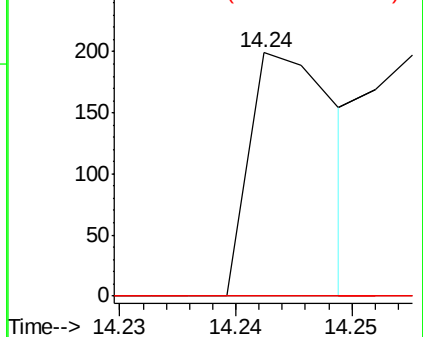
157 0.0 63.6 190.9#

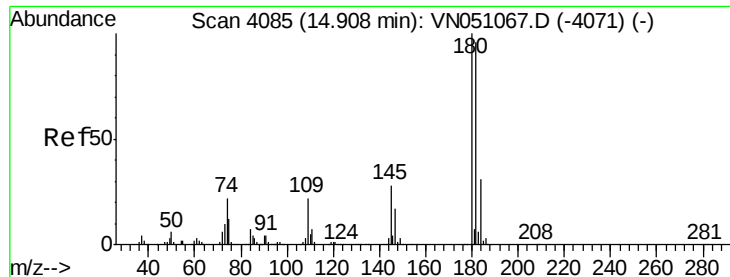


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

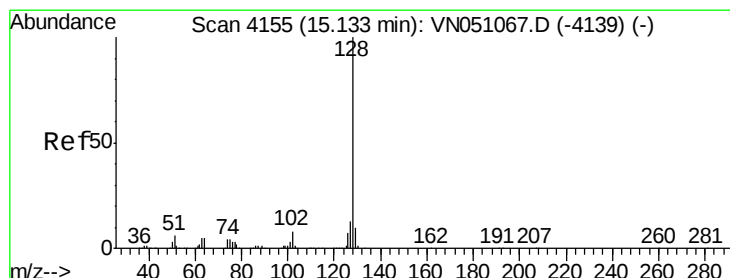
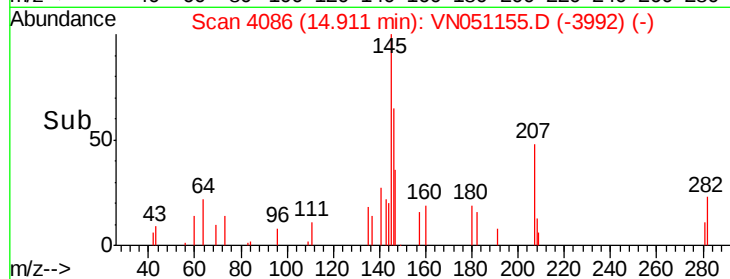
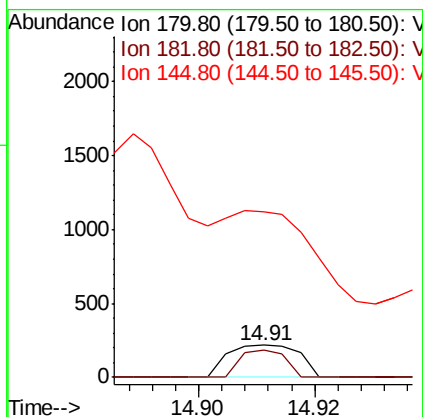
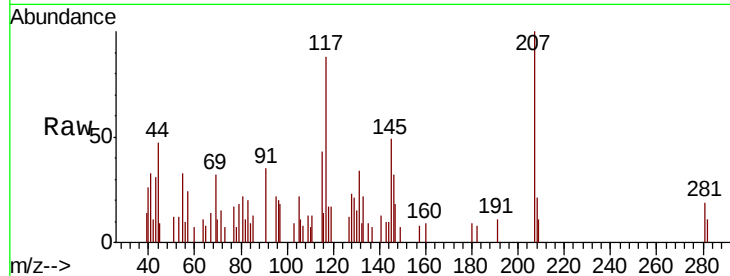




#93
 1,2,4-Trichlorobenzene
 Concen: 4.01 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

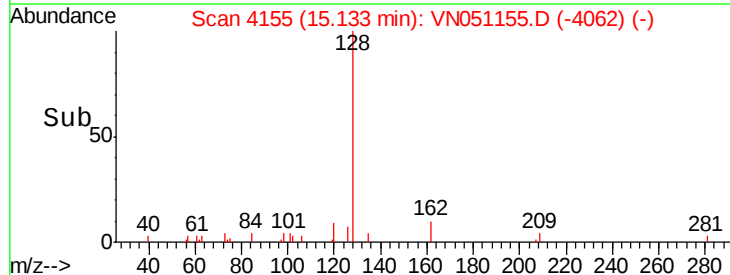
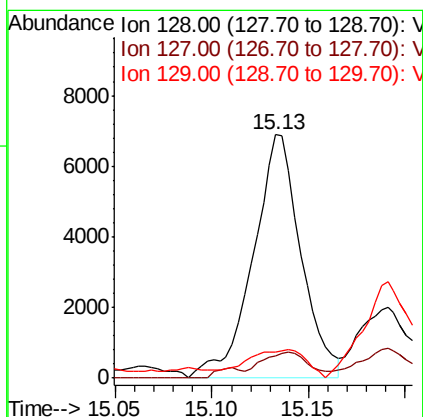
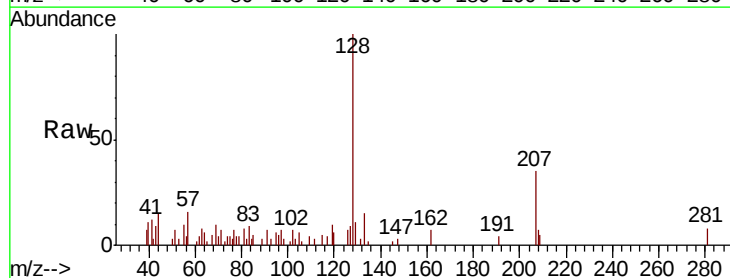
Instrument :
 MSVOA_N
 ClientSampleId :
 28570DL

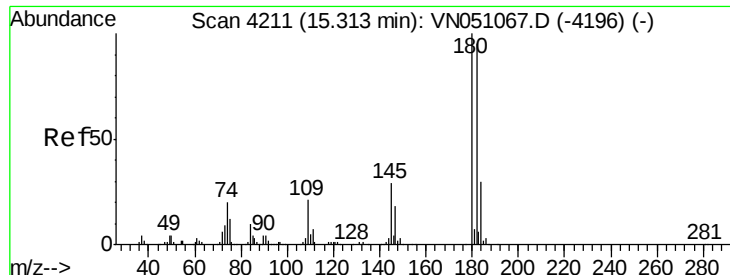
Tot Ion	Ratio	Lower	Upper
180	100		
182	52.7	47.3	141.8
145	0.0	14.2	42.6#



#95
 Naphthalene
 Concen: 6.29 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

Tgt Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.6	15.8#
129	14.3	8.6	12.8#

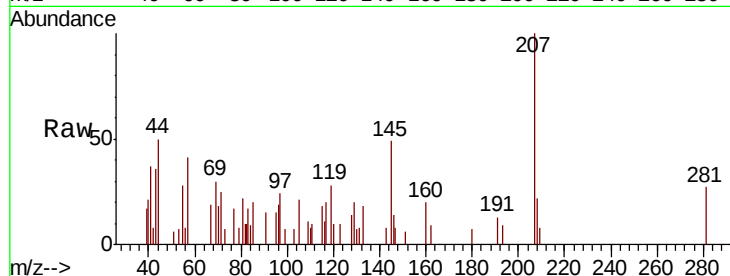




#96
 1,2,3-Trichlorobenzene
 Concen: 2.95 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 28570DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	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

