

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051322.D
 Acq On : 19 Sep 2018 16:28
 Operator : MD\SY
 Sample : J4979-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 01:44:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	547059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	819108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	669970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	205764	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	304257	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
35) Dibromofluoromethane	7.59	113	316270	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
50) Toluene-d8	10.09	98	1097795	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.40	95	275681	36.84	ug/l	0.00
Spiked Amount			Recovery	=	73.68%	

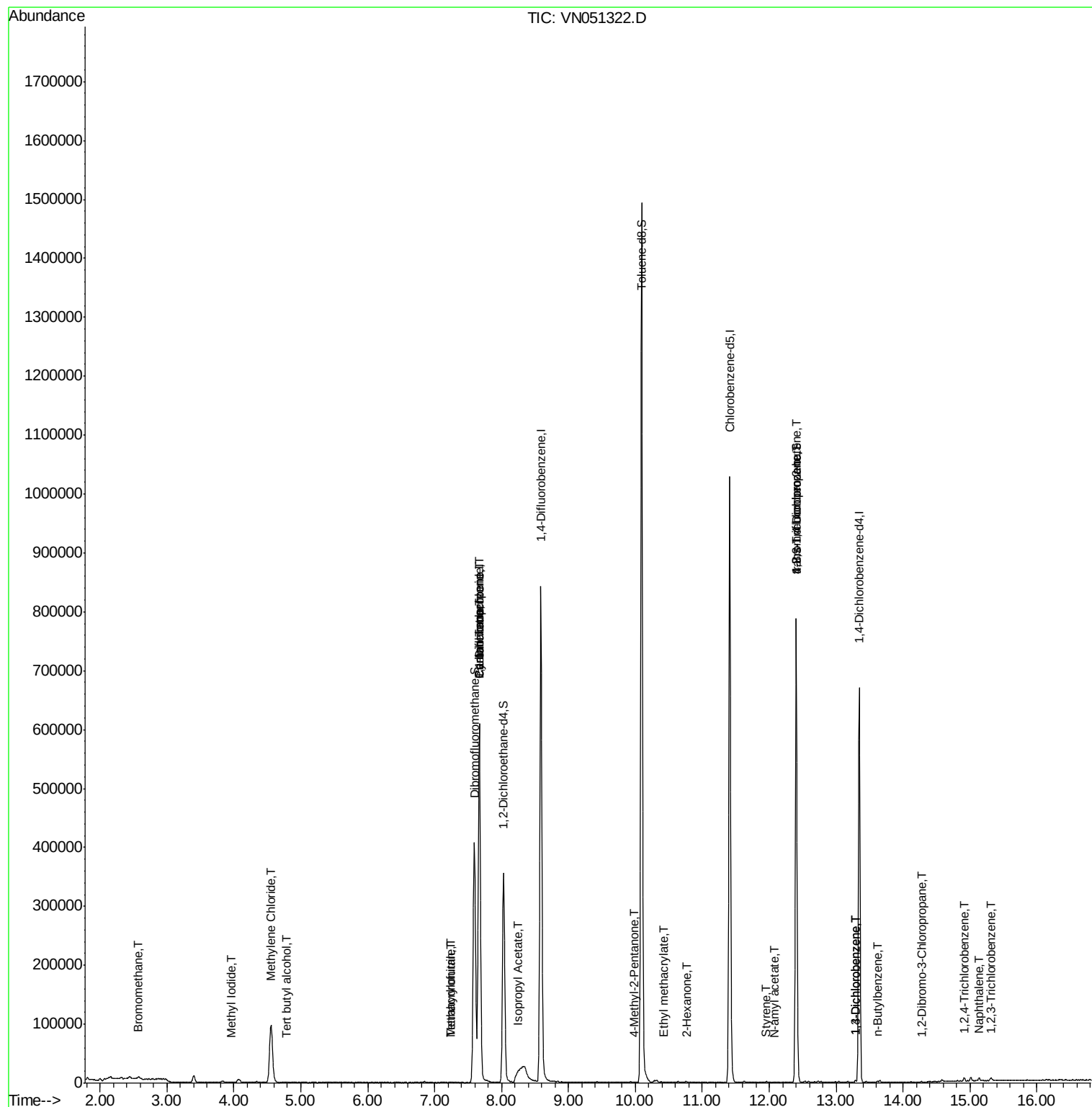
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1876	Below Cal		94
5) Bromomethane	2.57	94	1892	0.97 ug/l		98
10) Methyl Iodide	3.96	142	231	6.14 ug/l #		43
11) Tert butyl alcohol	4.79	59	99	0.30 ug/l #		73
16) Acetone	3.83	43	5109	Below Cal #		84
20) Methylene Chloride	4.56	84	81461	12.52 ug/l		96
29) Tetrahydrofuran	7.23	42	935	0.79 ug/l #		73
31) Cyclohexane	7.67	56	8229	0.79 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	34673	3.91 ug/l #		48
38) Carbon Tetrachloride	7.67	117	46077	4.98 ug/l #		17
41) Methacrylonitrile	7.22	41	737	0.32 ug/l #		21
43) Isopropyl Acetate	8.25	43	20068	2.54 ug/l #		58
51) 4-Methyl-2-Pentanone	9.99	43	951	0.23 ug/l		90
56) Ethyl methacrylate	10.43	69	61	2.07 ug/l #		76
59) 2-Hexanone	10.75	43	1244	0.46 ug/l		76
70) Styrene	11.96	104	828	1.29 ug/l #		86
74) N-amyl acetate	12.08	43	892	0.25 ug/l #		62
75) 1,1,2,2-Tetrachloroethane	12.49	83	293	Below Cal #		26
76) 1,2,3-Trichloropropane	12.40	75	126079	44.52 ug/l #		100
77) Bromobenzene	12.53	156	776	Below Cal #		44
81) trans-1,4-Dichloro-2-buten	12.40	75	126079	136.09 ug/l #		15
87) 1,3-Dichlorobenzene	13.28	146	1666	0.22 ug/l		88
88) 1,4-Dichlorobenzene	13.28	146	1666	0.64 ug/l		89
89) n-Butylbenzene	13.62	91	1558	2.16 ug/l		89
90) Hexachloroethane	13.87	117	31	Below Cal #		1
91) 1,2-Dichlorobenzene	13.65	146	1933	Below Cal		85
92) 1,2-Dibromo-3-Chloropropan	14.27	75	100	0.36 ug/l		66
93) 1,2,4-Trichlorobenzene	14.91	180	2258	5.62 ug/l		99
94) Hexachlorobutadiene	15.01	225	1446	Below Cal		88
95) Naphthalene	15.14	128	4837	6.59 ug/l		95
96) 1,2,3-Trichlorobenzene	15.32	180	2494	4.56 ug/l		95

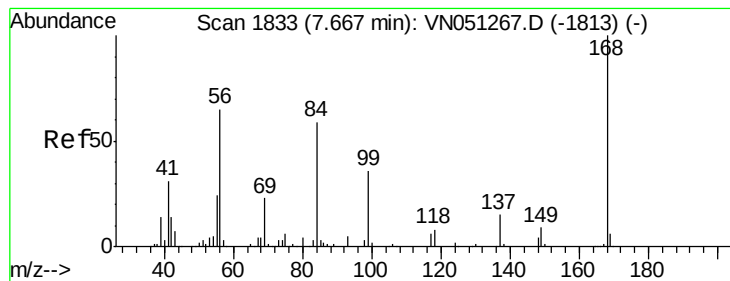
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 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: VN051322.D

Acq: 19 Sep 2018 16:28

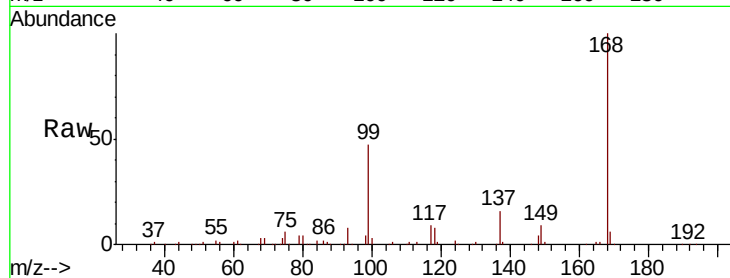
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 547059

Ion Ratio Lower Upper

168 100

99 46.9 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

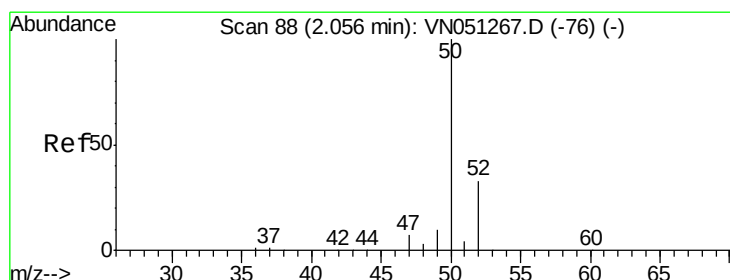
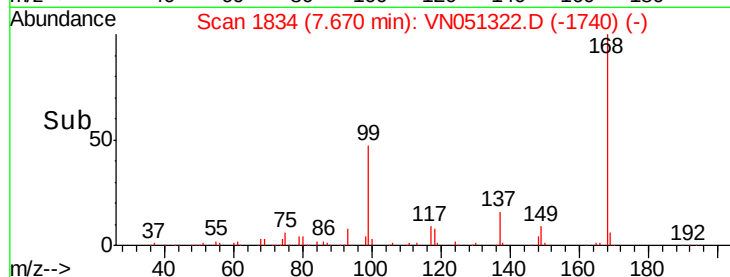
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051322.D

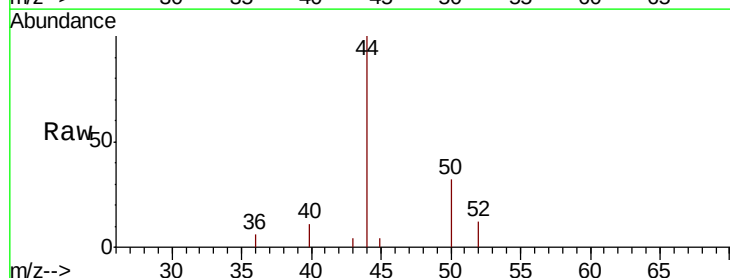
Acq: 19 Sep 2018 16:28

Tgt Ion: 50 Resp: 1876

Ion Ratio Lower Upper

50 100

52 36.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

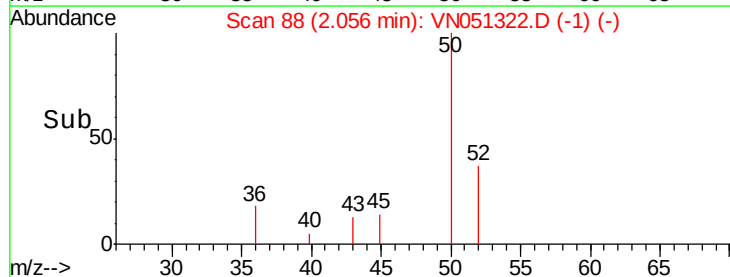
1500

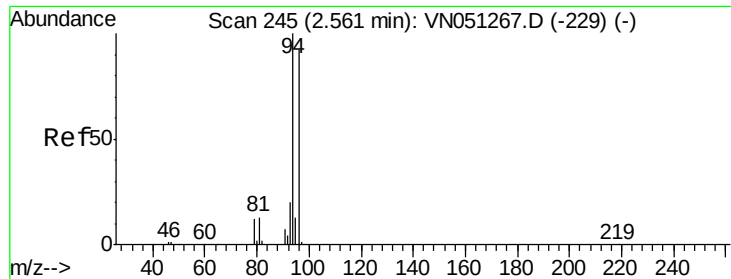
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.97 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

Instrument :

MSVOA_N

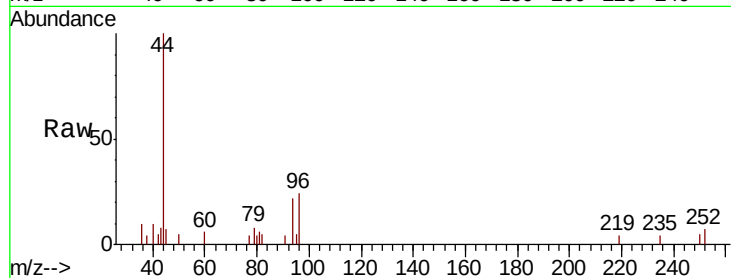
ClientSampled :

Tot Ion: 94 Resp: 1892

Ion Ratio Lower Upper

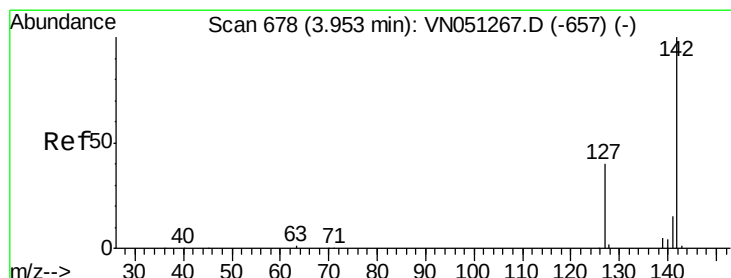
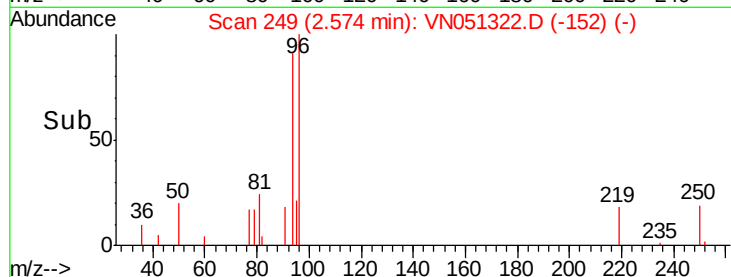
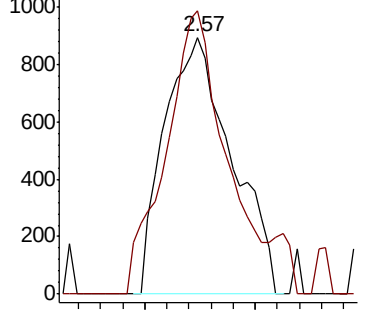
94 100

96 90.5 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN051322.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN051322.D (-152) (-)



#10

Methyl Iodide

Concen: 6.14 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.01 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

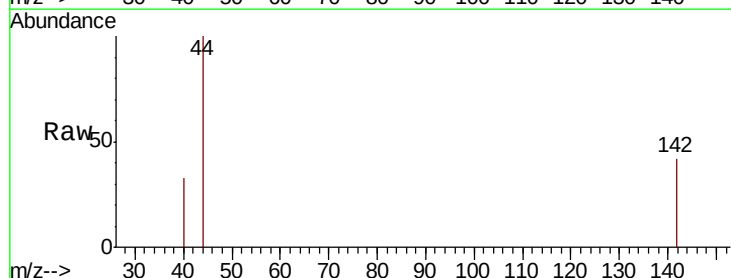
Tgt Ion: 142 Resp: 231

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

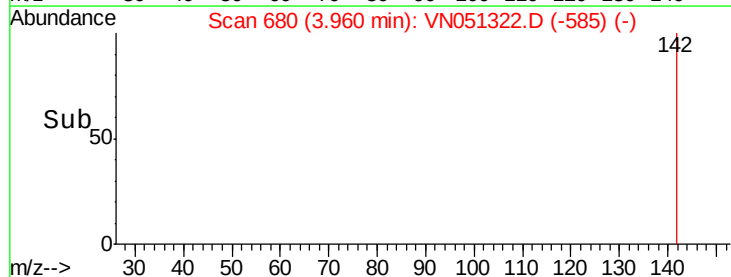
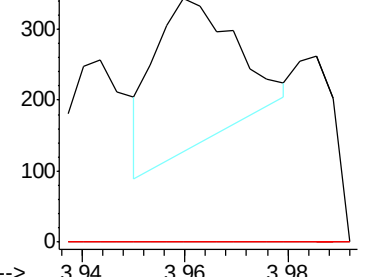
141 0.0 11.6 17.4#

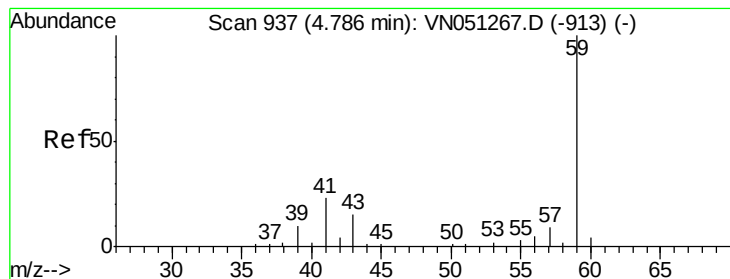


Abundance Ion 141.80 (141.50 to 142.50): VN051322.D (-585) (-)

Ion 126.80 (126.50 to 127.50): VN051322.D (-585) (-)

Ion 140.80 (140.50 to 141.50): VN051322.D (-585) (-)



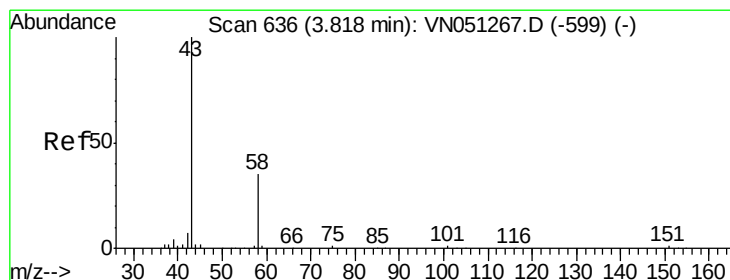
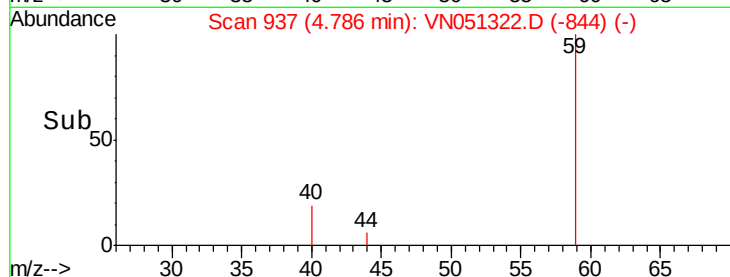
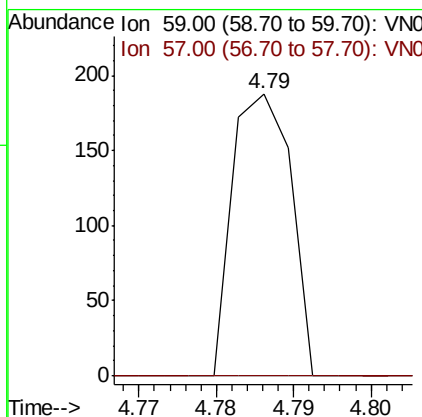
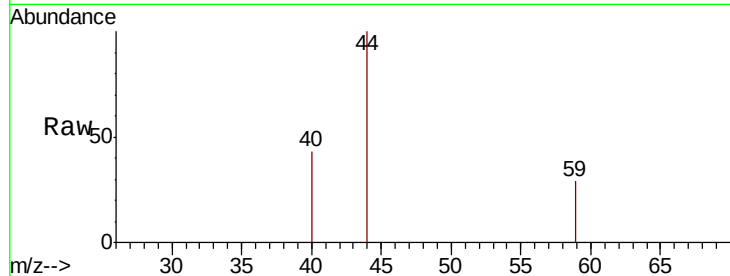


#11

Tert butyl alcohol
 Concen: 0.30 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: VN051322.D
 Acq: 19 Sep 2018 16:28

Instrument :
 MSVOA_N
 ClientSampled :

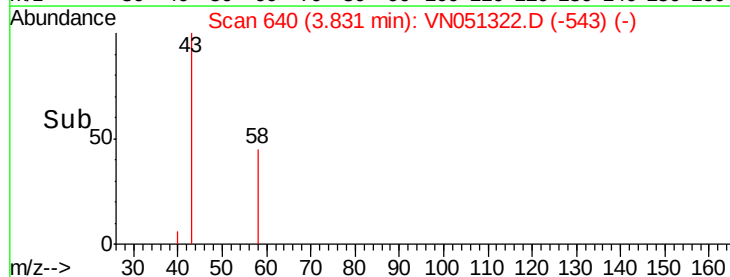
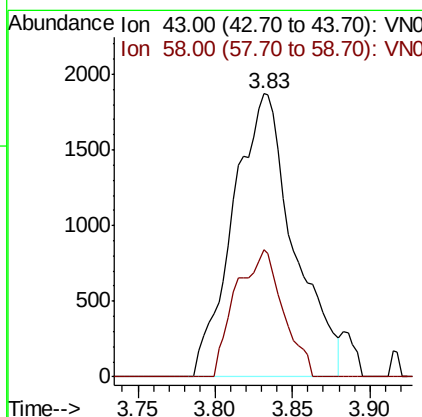
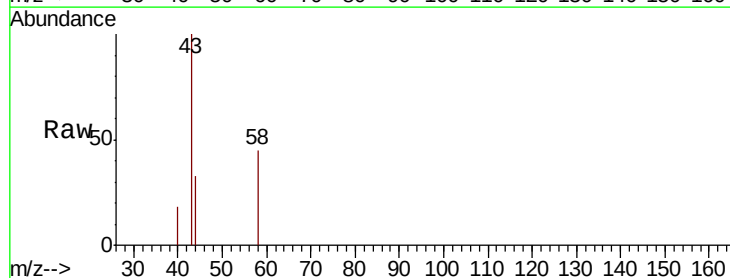
Tot Ion: 59 Resp: 99
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

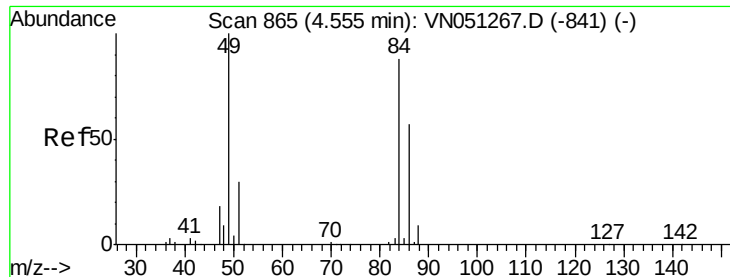


#16

Acetone
 Concen: Below Cal
 RT: 3.83 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VN051322.D
 Acq: 19 Sep 2018 16:28

Tgt Ion: 43 Resp: 5109
 Ion Ratio Lower Upper
 43 100
 58 44.8 28.2 42.2#

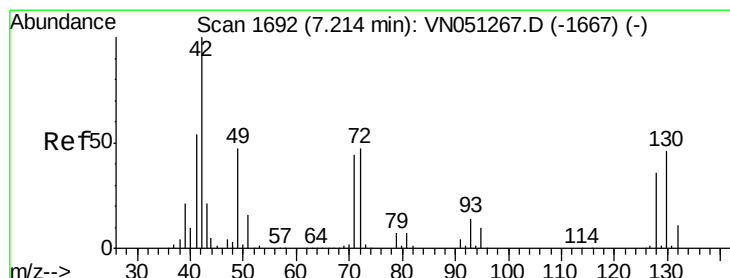
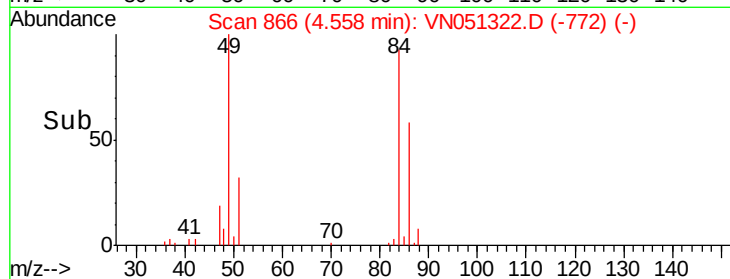
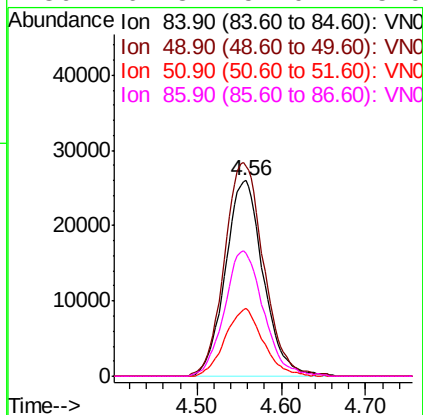
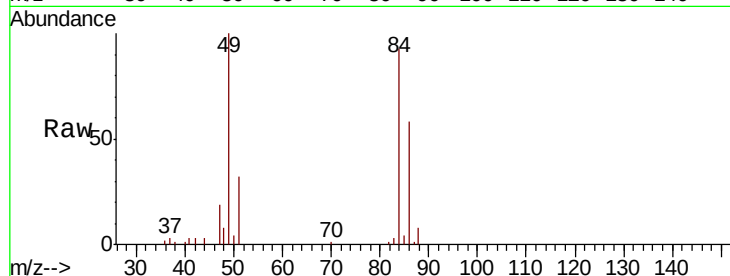




#20
Methvlene Chloride
Concen: 12.52 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

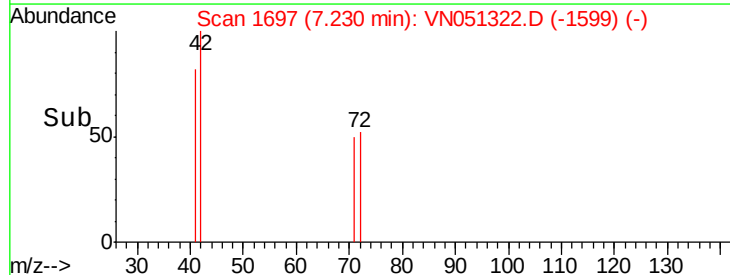
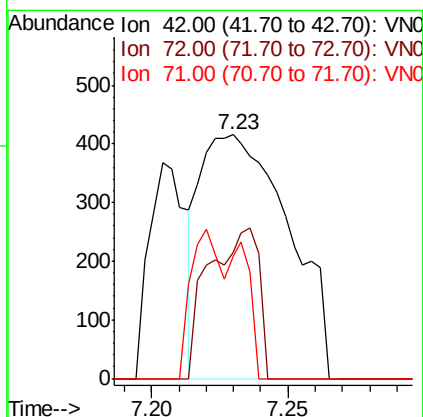
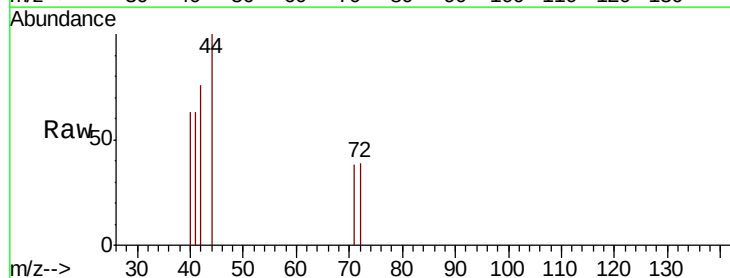
Instrument :
MSVOA_N
ClientSampled :

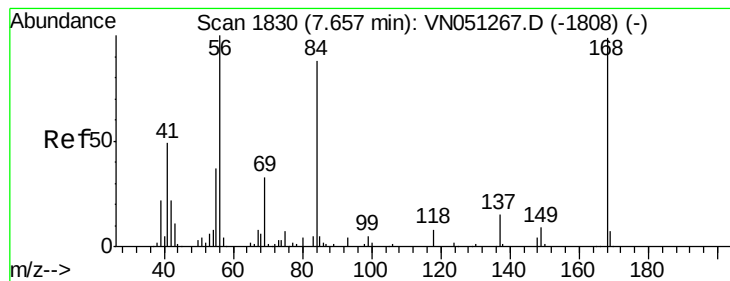
Tot Ion: 84 Resp: 81461
Ion Ratio Lower Upper
84 100
49 107.6 91.2 136.8
51 34.5 27.7 41.5
86 62.8 52.0 78.0



#29
Tetrahydrofuran
Concen: 0.79 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.02 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

Tgt Ion: 42 Resp: 935
Ion Ratio Lower Upper
42 100
72 34.9 37.6 56.4#
71 21.1 35.4 53.2#





#31

Cyclohexane

Concen: 0.79 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

Instrument :
MSVOA_N
ClientSampled :

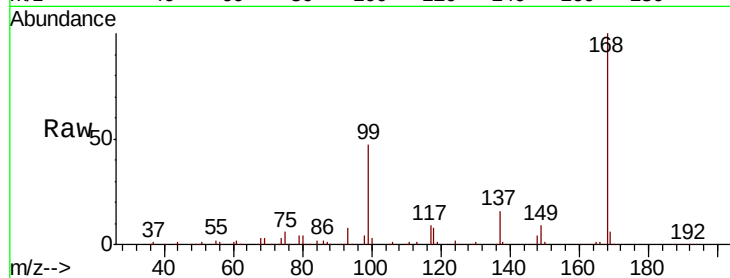
Tot Ion: 56 Resp: 8229

Ion Ratio Lower Upper

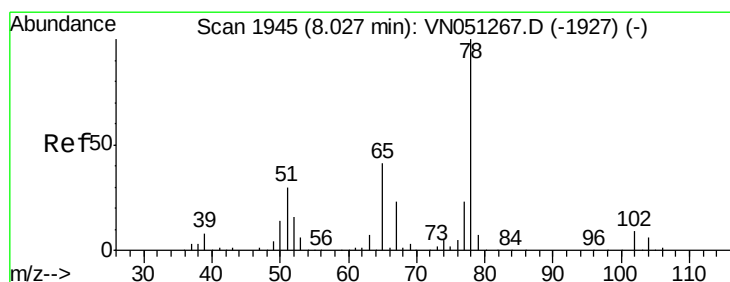
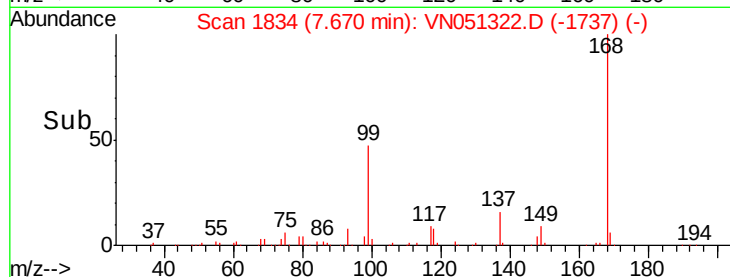
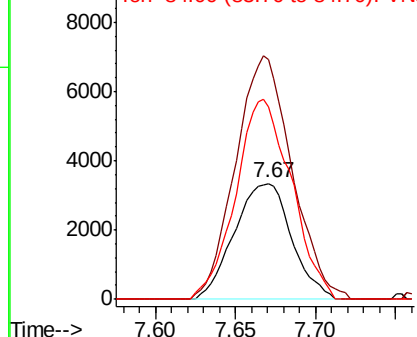
56 100

69 207.2 26.2 39.2#

84 165.5 70.6 106.0#



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: 51.18 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051322.D

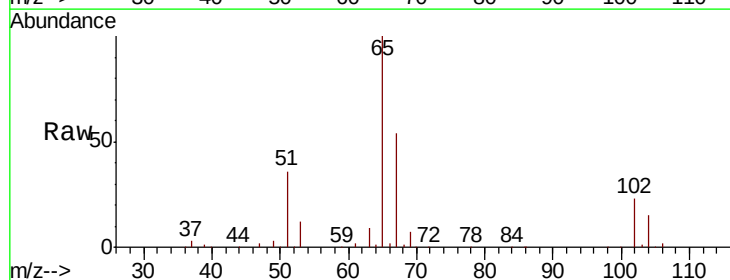
Acq: 19 Sep 2018 16:28

Tgt Ion: 65 Resp: 304257

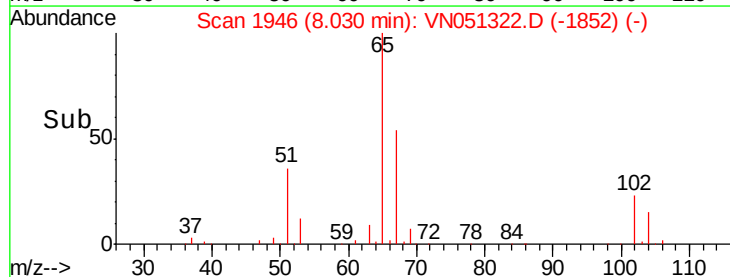
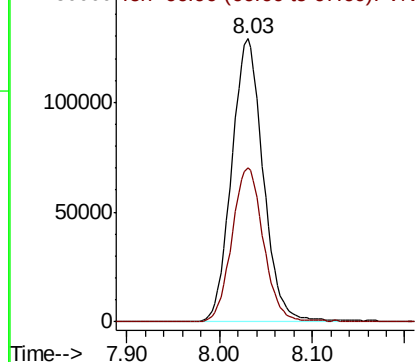
Ion Ratio Lower Upper

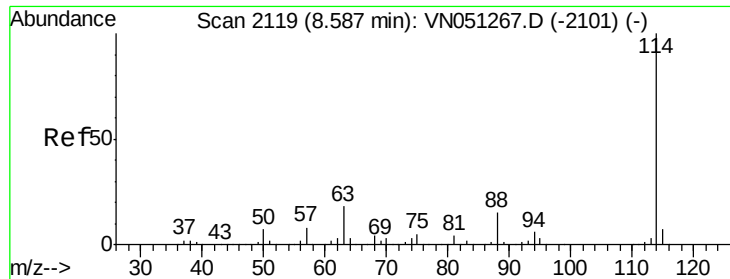
65 100

67 54.1 0.0 111.0



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: VN051322.D

Acq: 19 Sep 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

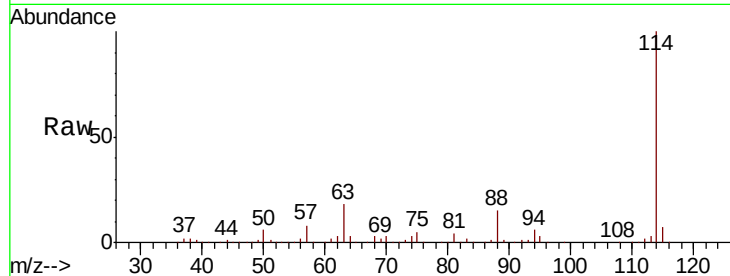
Tot Ion:114 Resp: 819108

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

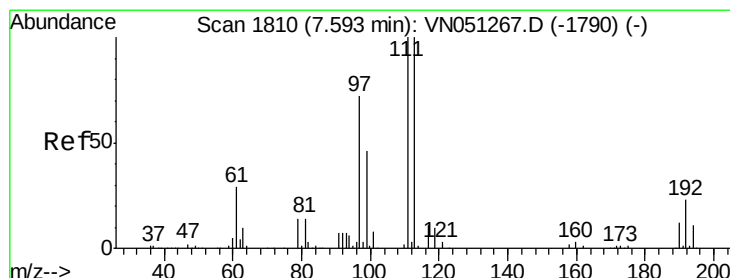
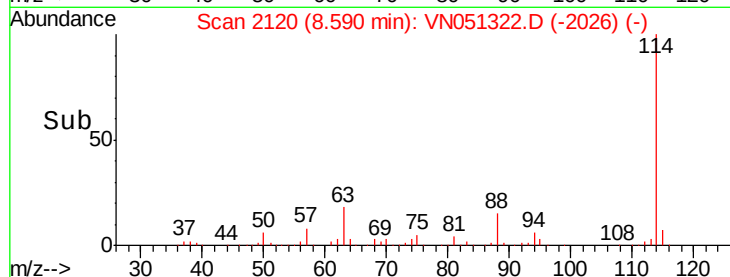
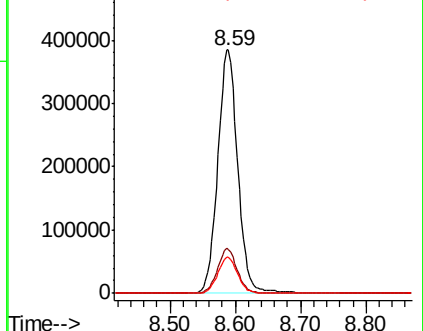
88 15.1 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.69 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

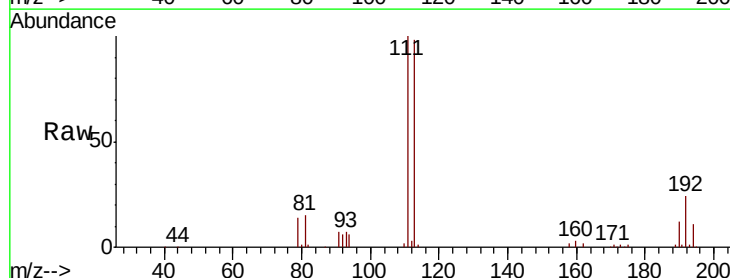
Tgt Ion:113 Resp: 316270

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

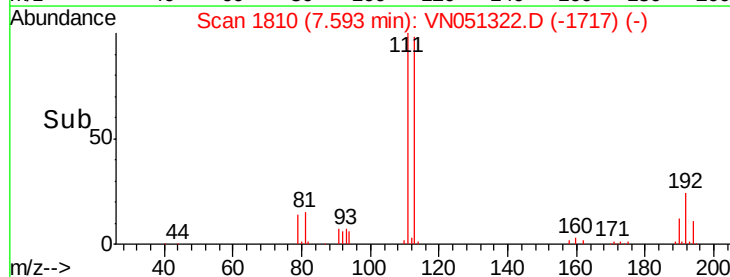
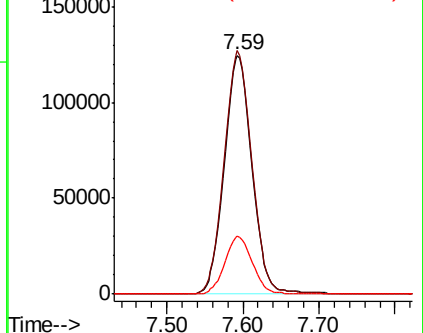
192 23.9 19.0 28.6

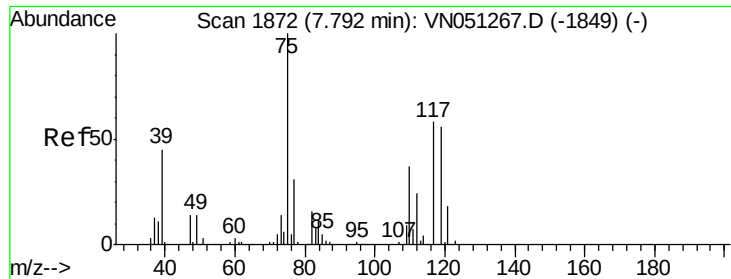


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

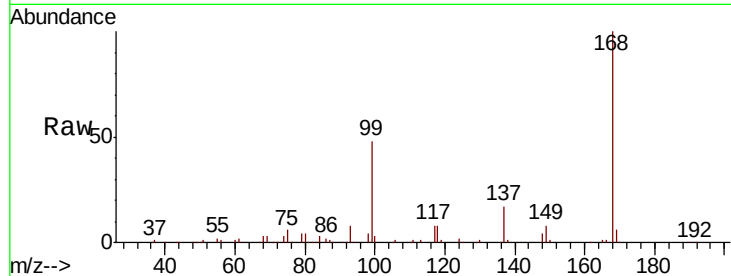




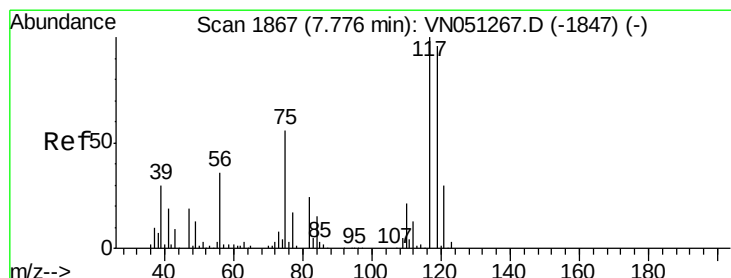
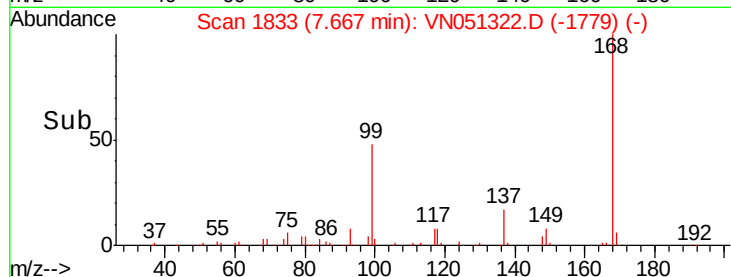
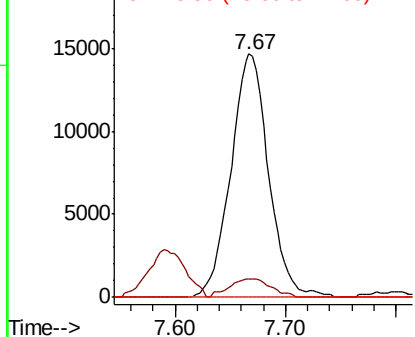
#36
 1,1-Dichloropropene
 Concen: 3.91 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051322.D
 Acq: 19 Sep 2018 16:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.6	56.0#
77	0.0	24.7	37.1#

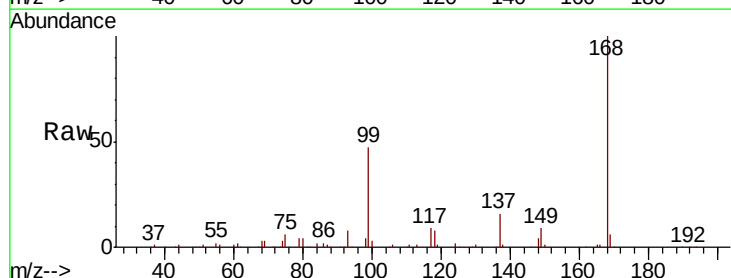


Abundance Ion 74.90 (74.60 to 75.60): VN051267.D (-1849) (-)
 Ion 109.90 (109.60 to 110.60): VN051267.D (-1849) (-)
 Ion 76.90 (76.60 to 77.60): VN051267.D (-1849) (-)

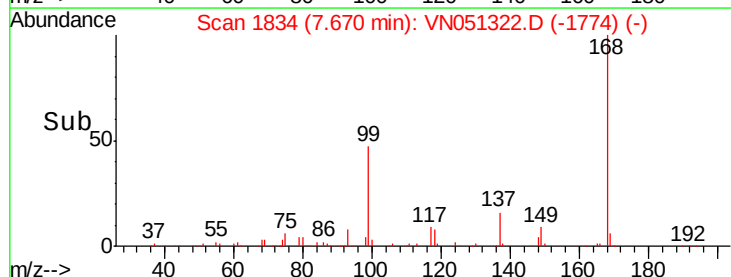
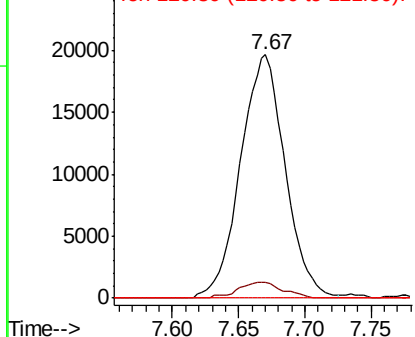


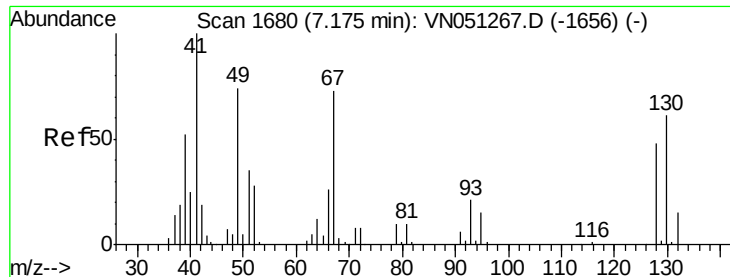
#38
 Carbon Tetrachloride
 Concen: 4.98 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.11 min
 Lab File: VN051322.D
 Acq: 19 Sep 2018 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.8	115.2#
121	0.0	24.2	36.2#



Abundance Ion 116.80 (116.50 to 117.50): VN051267.D (-1847) (-)
 Ion 118.80 (118.50 to 119.50): VN051267.D (-1847) (-)
 Ion 120.80 (120.50 to 121.50): VN051267.D (-1847) (-)

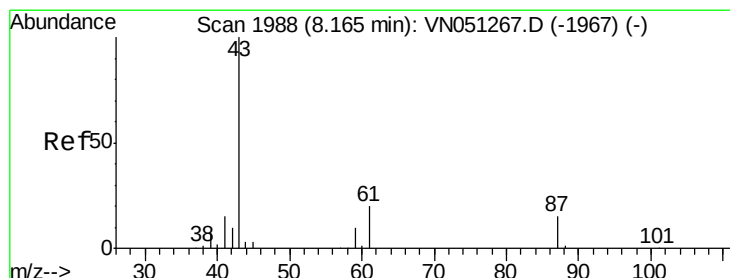
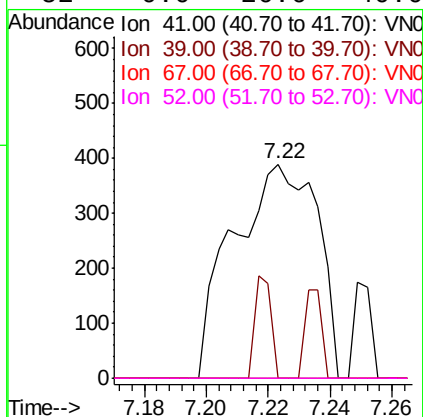
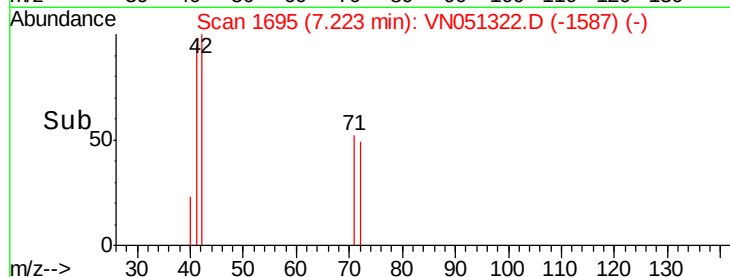
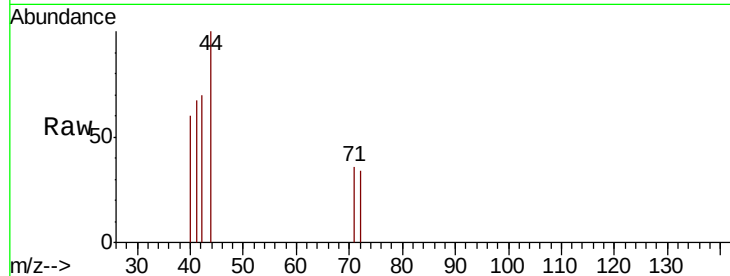




#41
Methacrylonitrile
Concen: 0.32 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

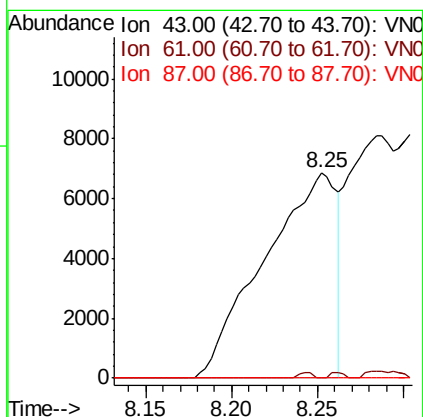
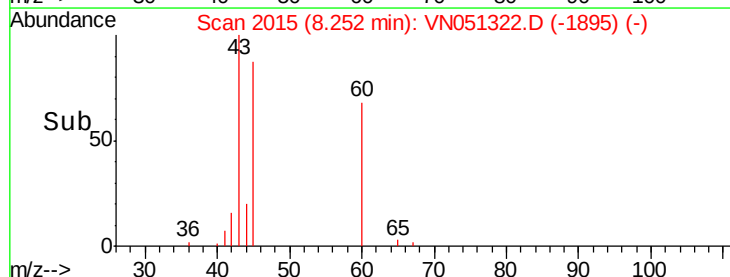
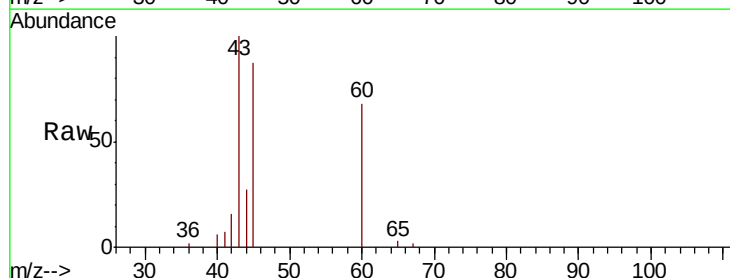
Instrument :
MSVOA_N
ClientSampled :

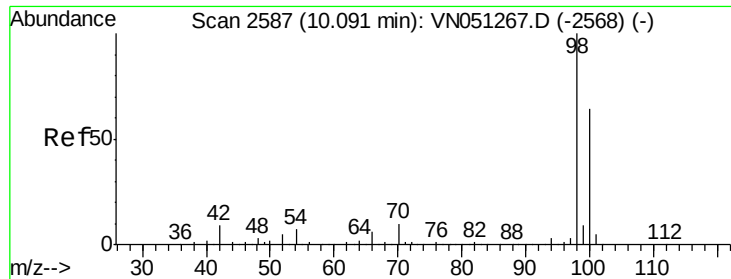
Tot Ion: 41 Resp: 737
Ion Ratio Lower Upper
41 100
39 9.4 47.8 71.6#
67 0.0 69.8 104.6#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 2.54 ug/l
RT: 8.25 min Scan# 2015
Delta R.T. 0.09 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

Tgt Ion: 43 Resp: 20068
Ion Ratio Lower Upper
43 100
61 0.0 17.4 26.2#
87 0.0 12.2 18.4#

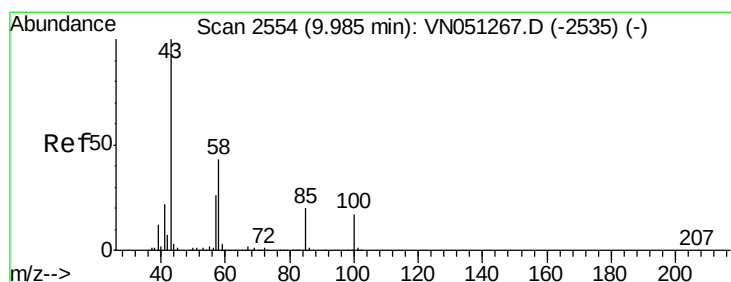
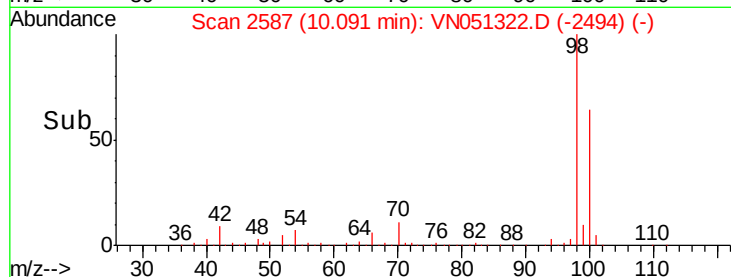
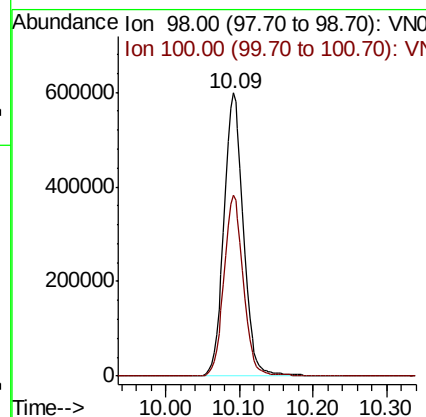
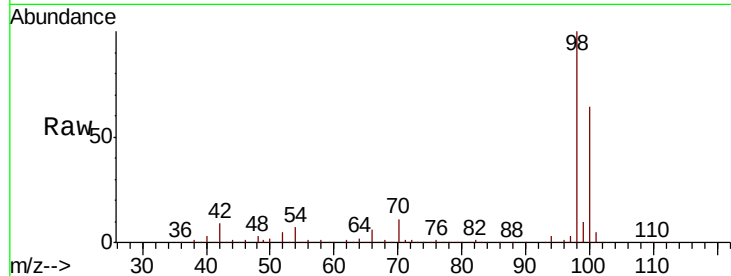




#50
Toluene-d8
Concen: 46.66 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

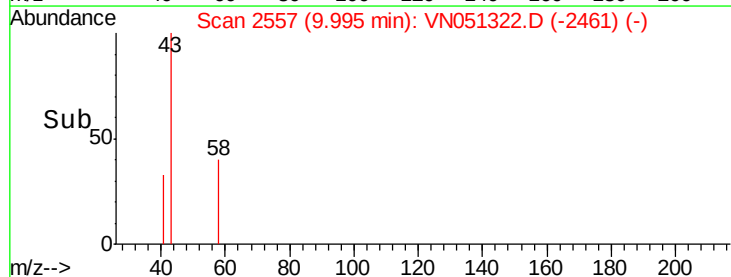
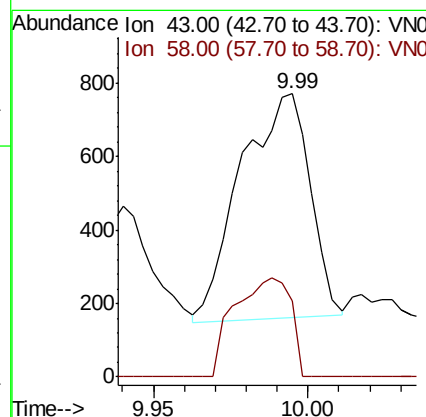
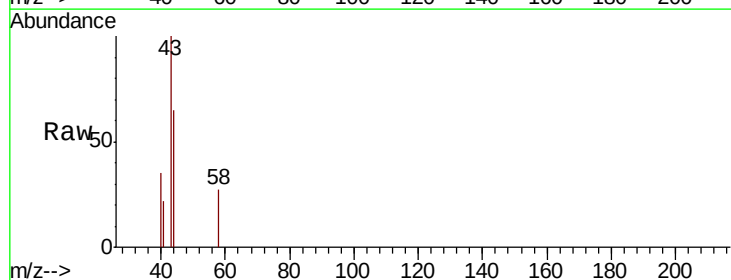
Instrument :
MSVOA_N
ClientSampled :

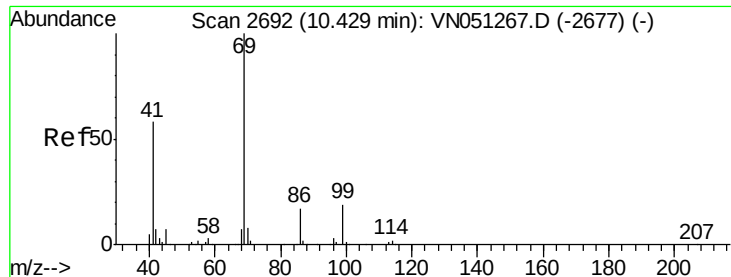
Tot Ion: 98 Resp: 1097795
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 9.99 min Scan# 2557
Delta R.T. 0.01 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 36.0 33.8 50.6

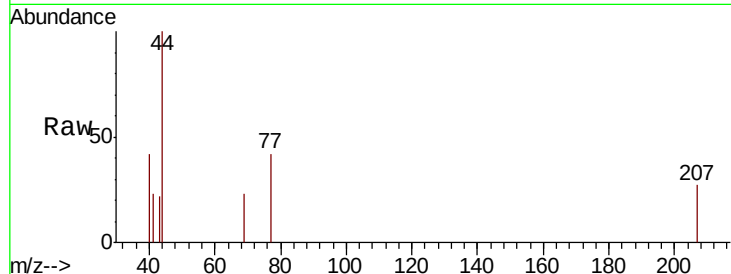




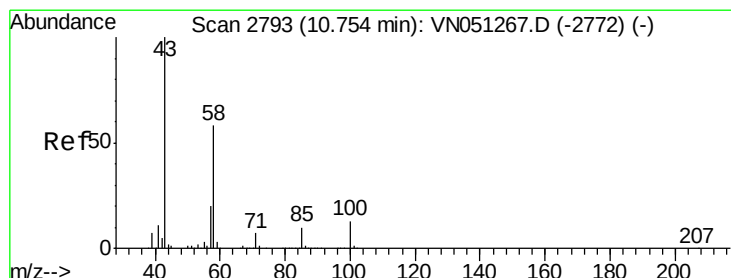
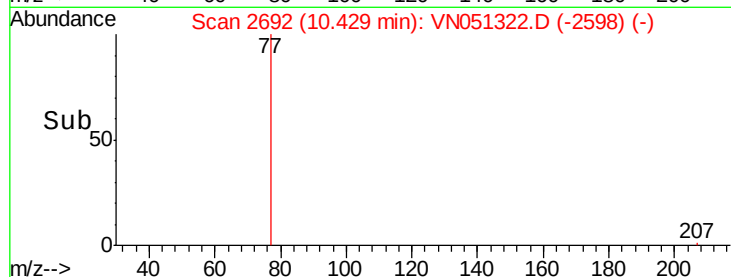
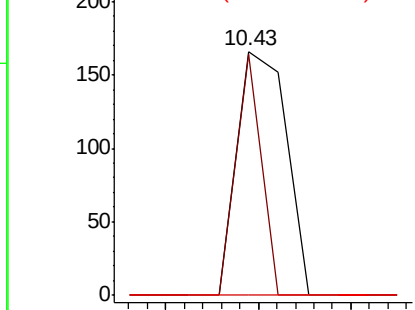
#56
Ethyl methacrylate
Concen: 2.07 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 69 Resp: 61
Ion Ratio Lower Upper
69 100
41 52.5 47.4 71.0
39 0.0 23.7 35.5#

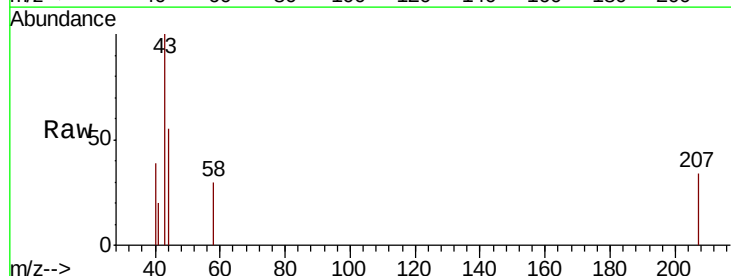


Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

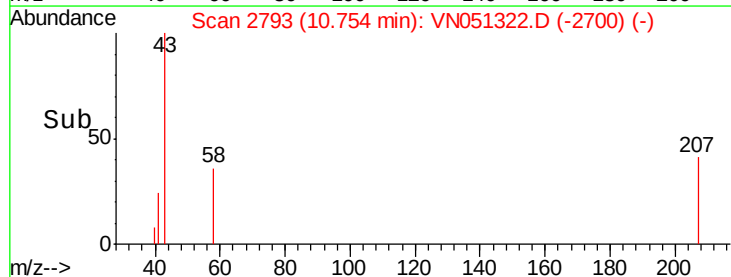
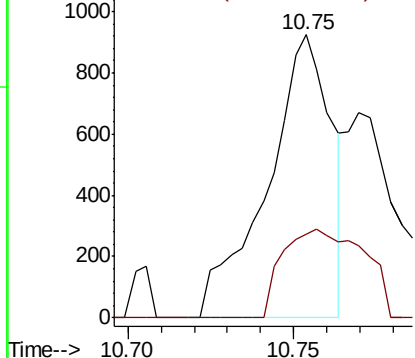


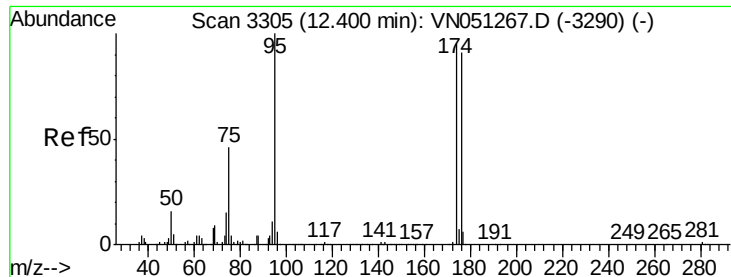
#59
2-Hexanone
Concen: 0.46 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 40.1 28.9 86.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

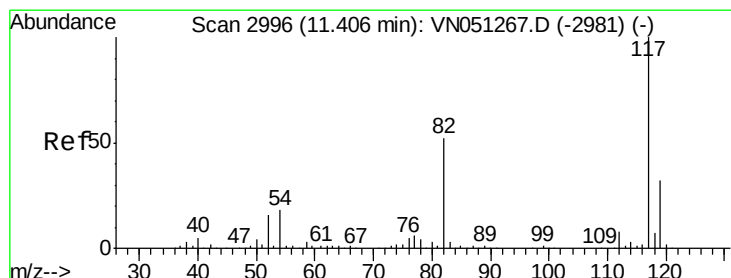
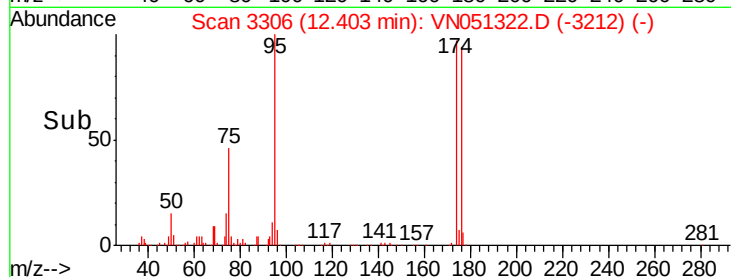
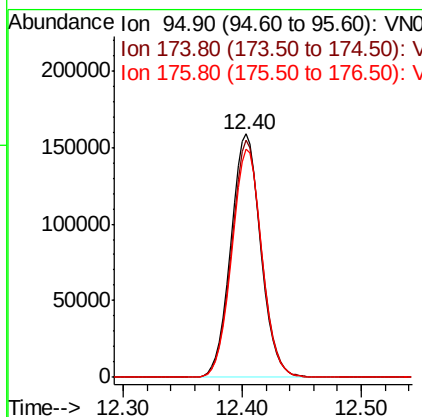
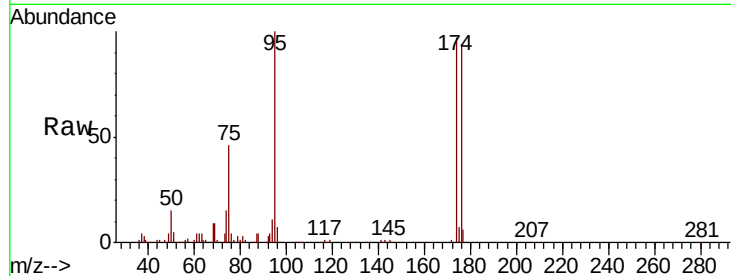




#62
4-Bromofluorobenzene
Concen: 36.84 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

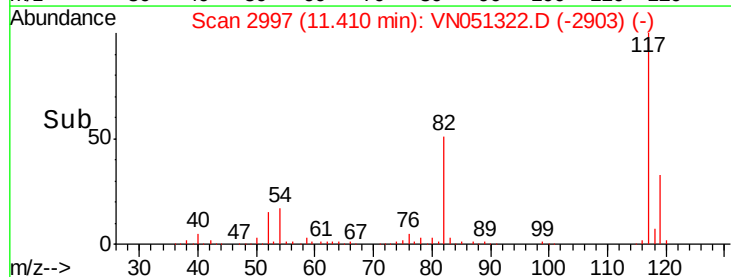
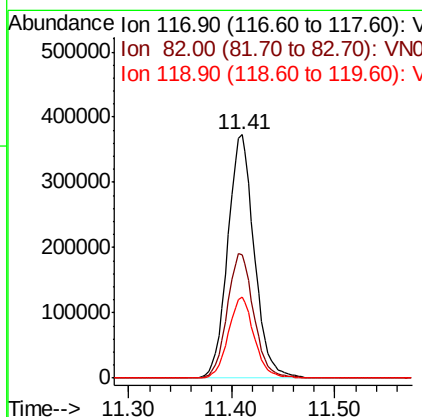
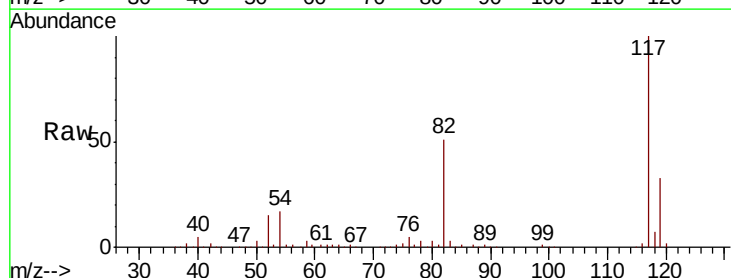
Instrument :
MSVOA_N
ClientSampleId :

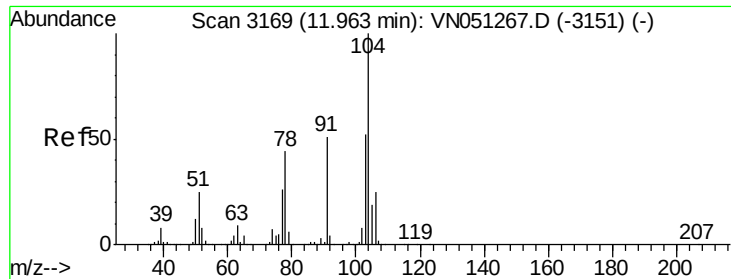
Tot Ion: 95 Resp: 275681
Ion Ratio Lower Upper
95 100
174 97.4 0.0 189.6
176 94.3 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

Tgt Ion: 117 Resp: 669970
Ion Ratio Lower Upper
117 100
82 50.9 41.8 62.8
119 33.1 25.6 38.4





#70

Stvrene

Concen: 1.29 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

Instrument :

MSVOA_N

ClientSampled :

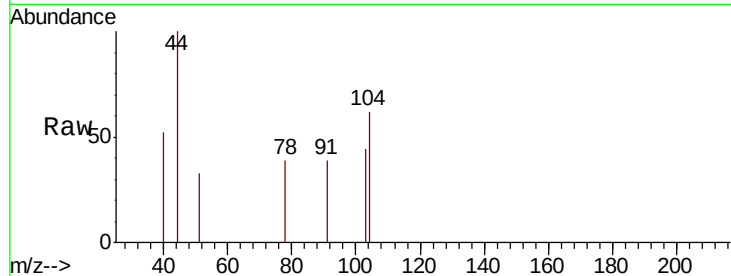
Tot Ion:104 Resp: 828

Ion Ratio Lower Upper

104 100

78 43.0 38.1 57.1

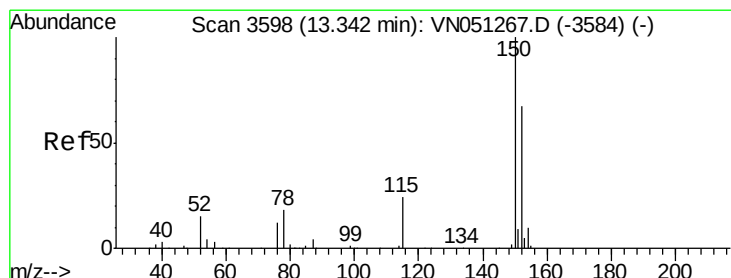
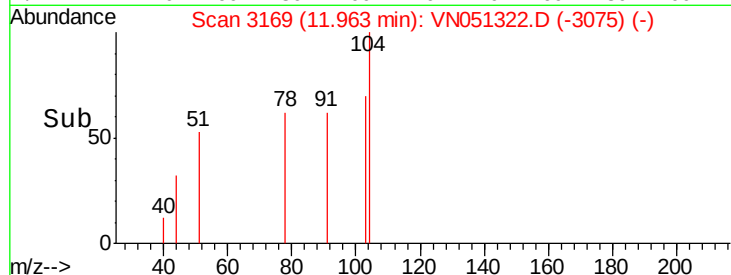
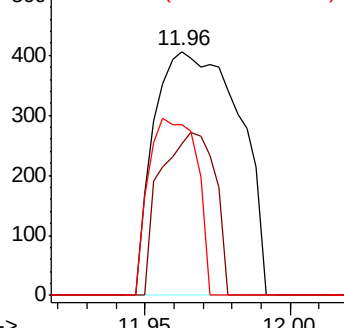
103 40.8 44.8 67.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

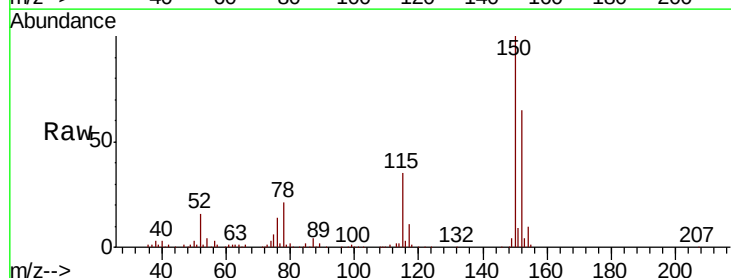
Tgt Ion:152 Resp: 205764

Ion Ratio Lower Upper

152 100

115 52.7 27.1 81.2

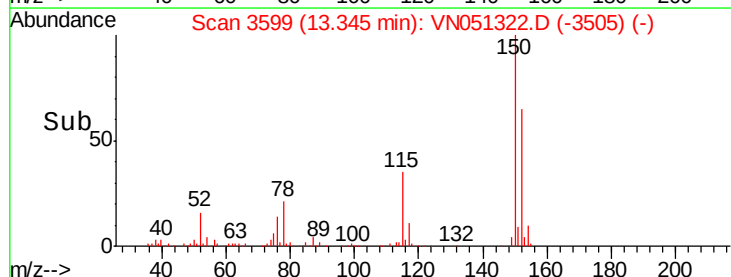
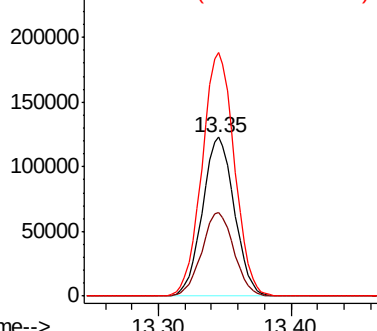
150 154.9 0.0 349.0

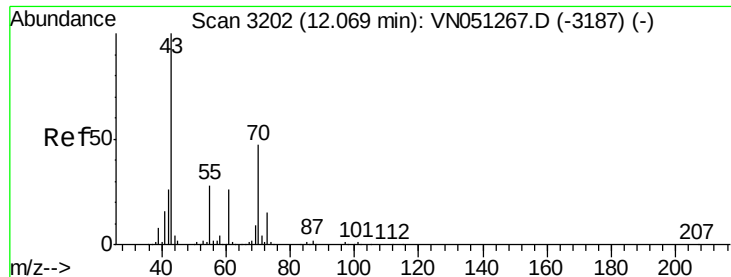


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.25 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 892

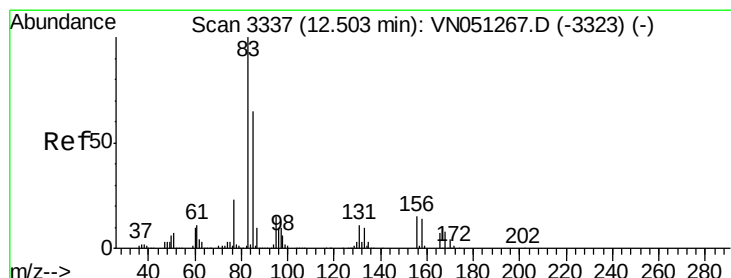
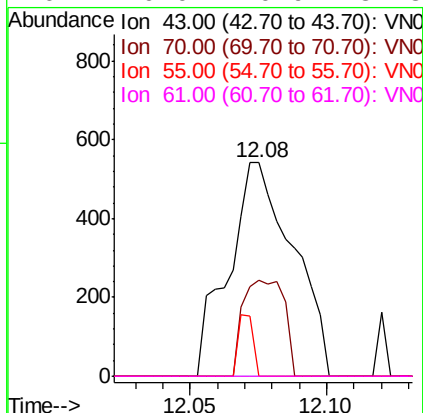
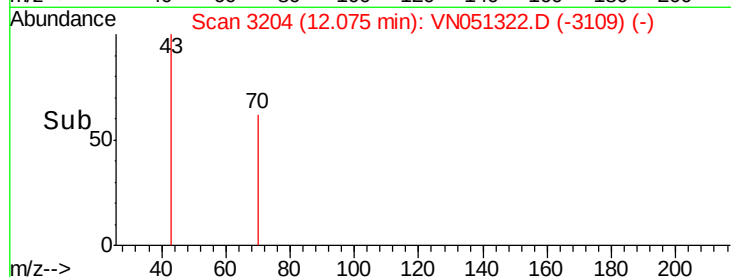
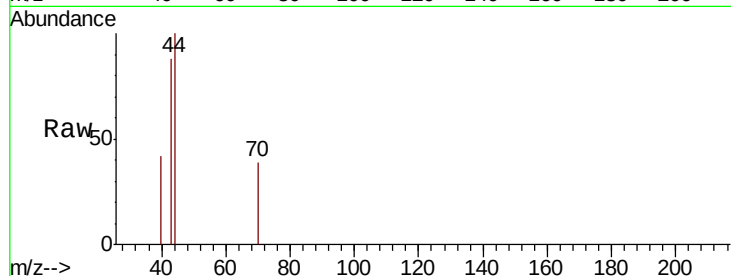
Ion Ratio Lower Upper

43 100

70 28.3 37.8 56.6#

55 6.7 22.6 34.0#

61 0.0 20.9 31.3#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3334

Delta R.T. -0.01 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

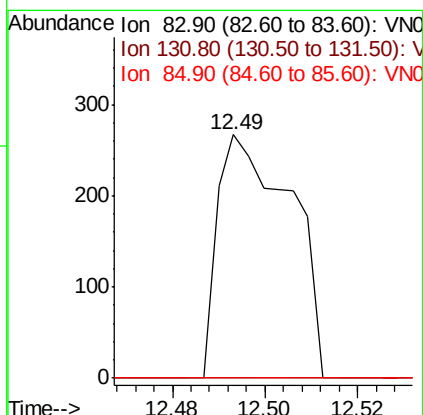
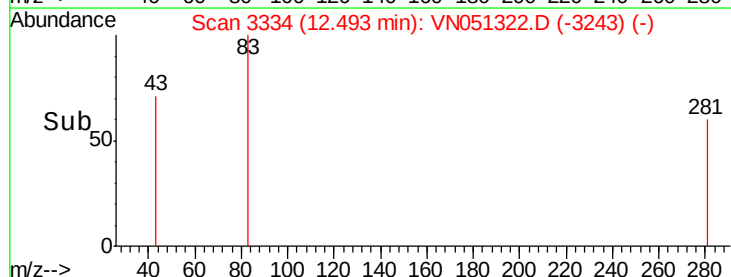
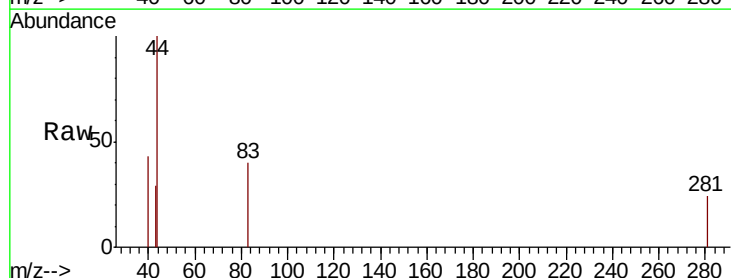
Tgt Ion: 83 Resp: 293

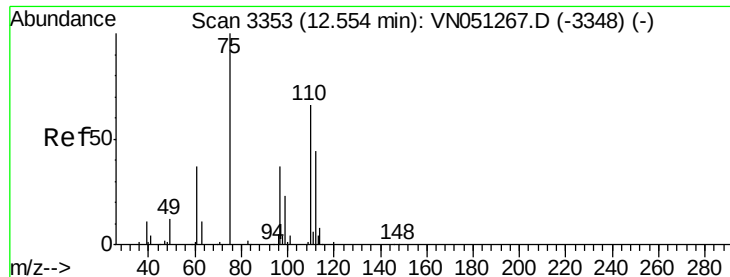
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 0.0 32.3 96.9#





#76

1,2,3-Trichloropropane

Concen: 44.52 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

Instrument :

MSVOA_N

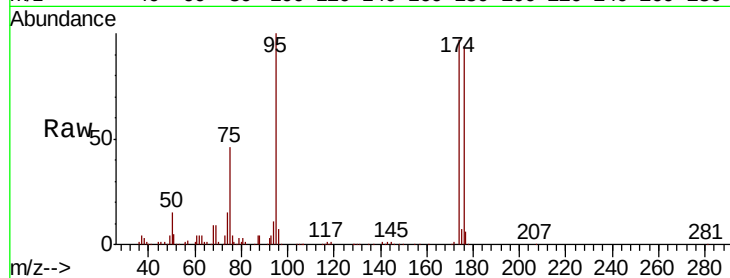
ClientSampled :

Tot Ion: 75 Resp: 126079

Ion Ratio Lower Upper

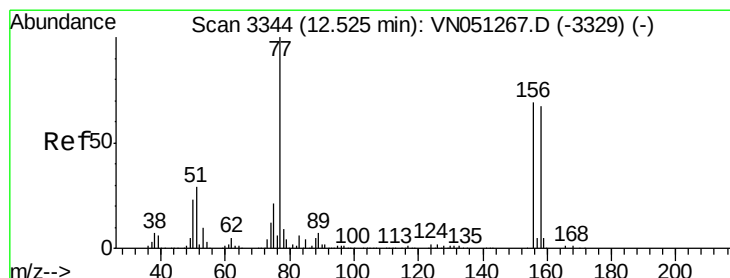
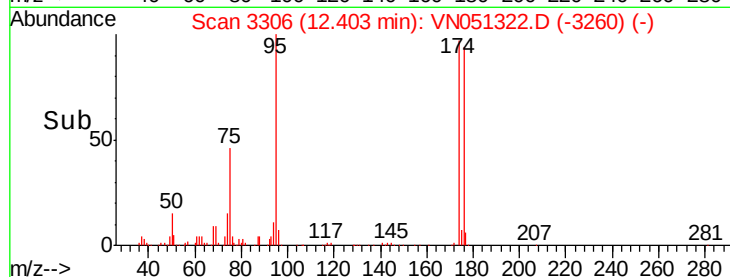
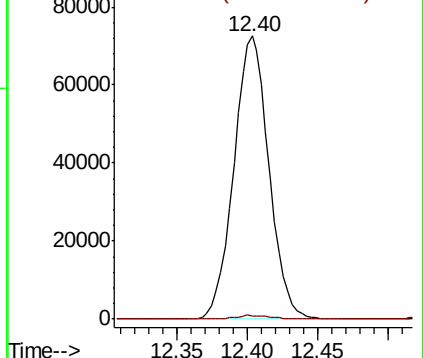
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

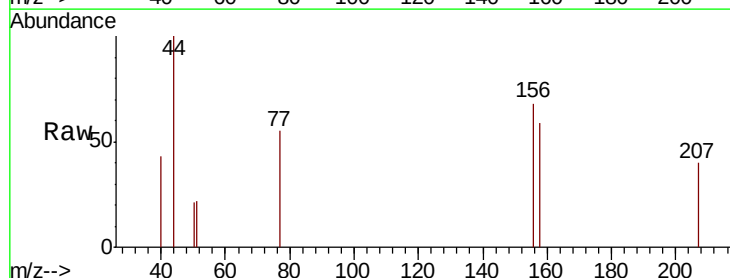
Tgt Ion: 156 Resp: 776

Ion Ratio Lower Upper

156 100

77 62.5 83.7 251.1#

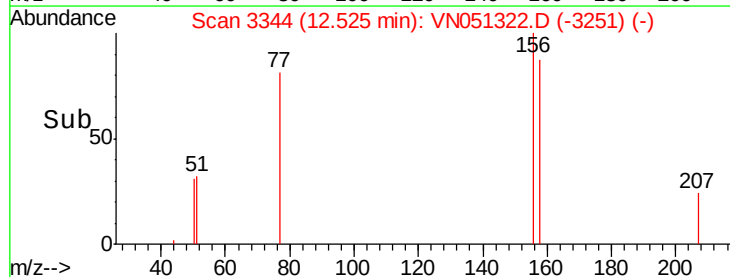
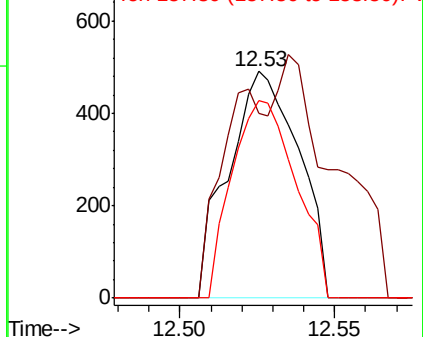
158 79.6 49.0 147.2

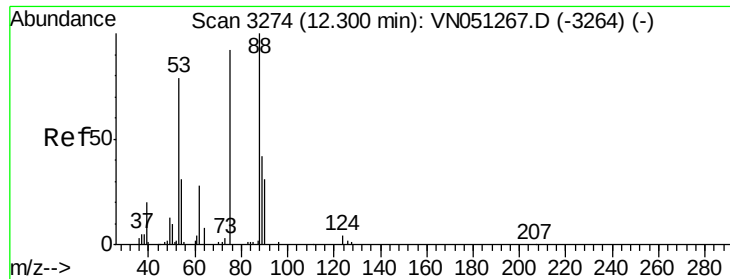


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#81

trans-1,4-Dichloro-2-butene

Concen: 136.09 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

Instrument :

MSVOA_N

ClientSampled :

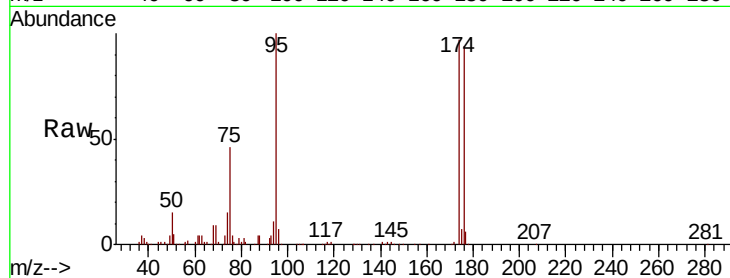
Tot Ion: 75 Resp: 126079

Ion Ratio Lower Upper

75 100

53 0.1 67.7 101.5#

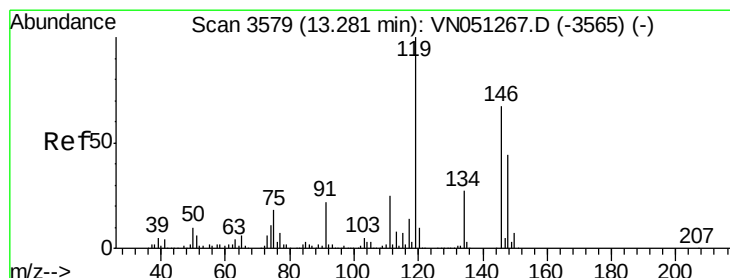
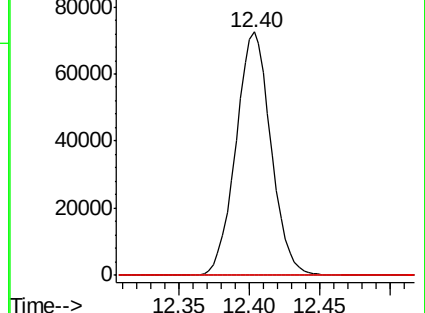
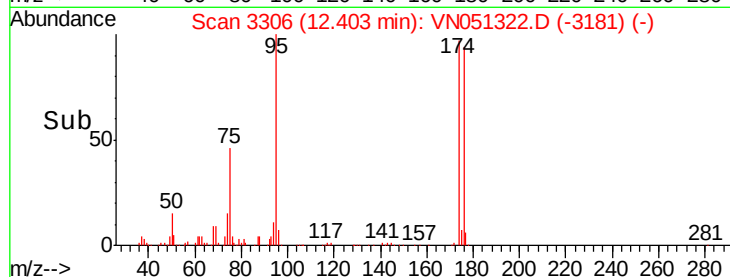
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN051322.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN051322.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN051322.D (-3181) (-)



#87

1,3-Dichlorobenzene

Concen: 0.22 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

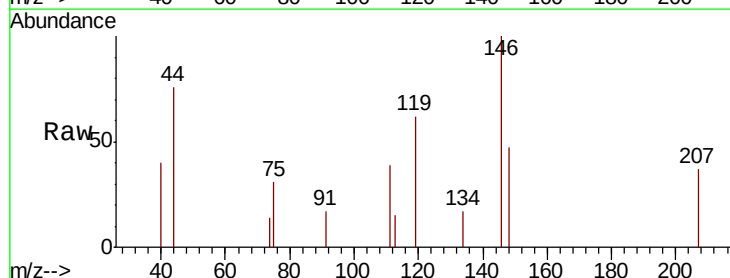
Tgt Ion: 146 Resp: 1666

Ion Ratio Lower Upper

146 100

111 32.1 18.7 56.1

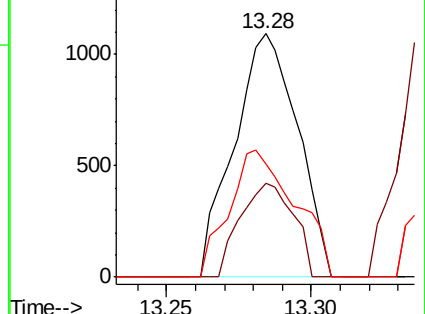
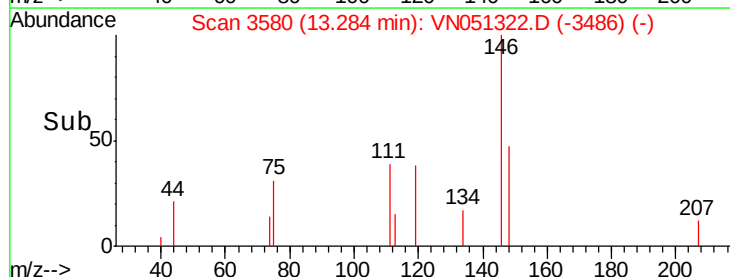
148 53.9 32.2 96.6

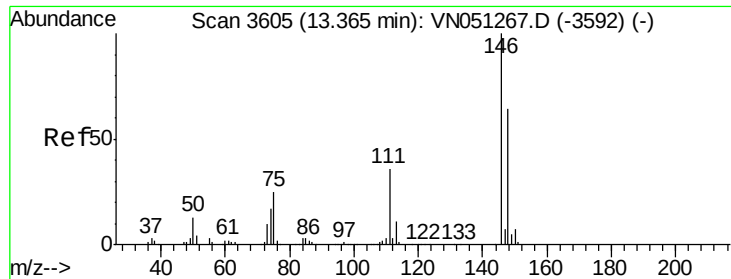


Abundance Ion 145.90 (145.60 to 146.60): VN051322.D (-3486) (-)

Ion 110.90 (110.60 to 111.60): VN051322.D (-3486) (-)

Ion 147.90 (147.60 to 148.60): VN051322.D (-3486) (-)

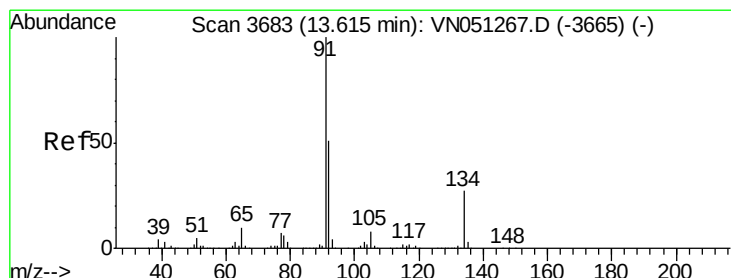
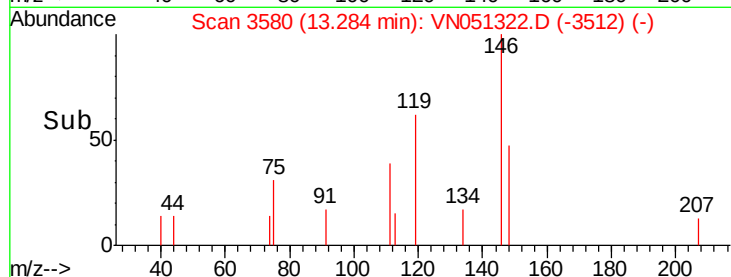
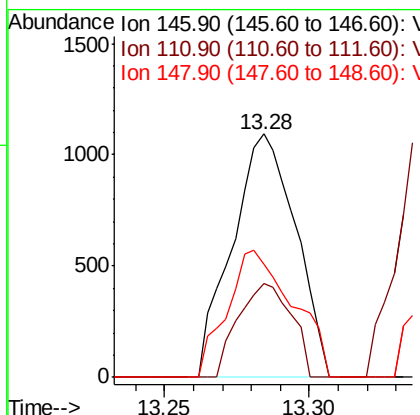
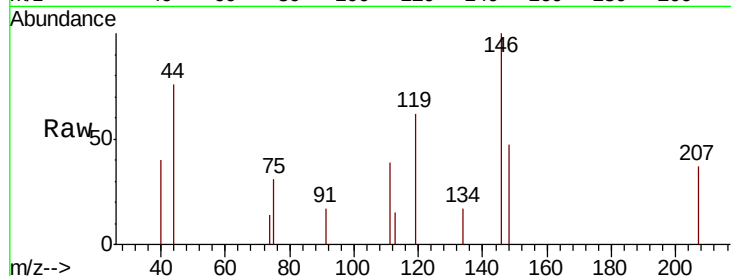




#88
 1,4-Dichlorobenzene
 Concen: 0.64 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN051322.D
 Acq: 19 Sep 2018 16:28

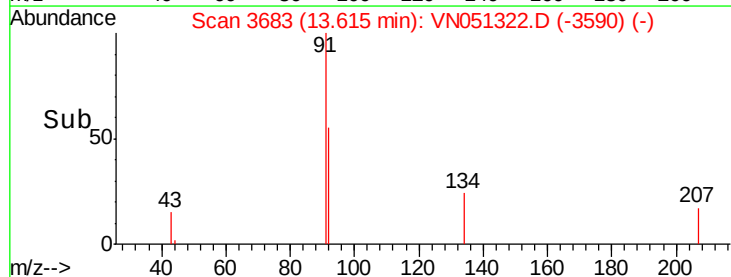
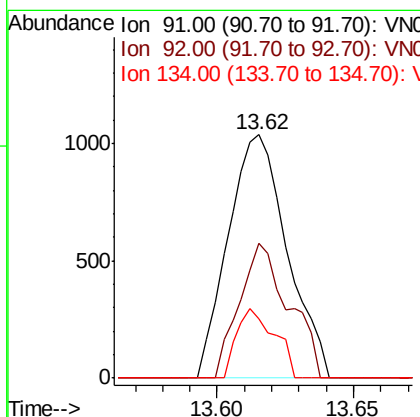
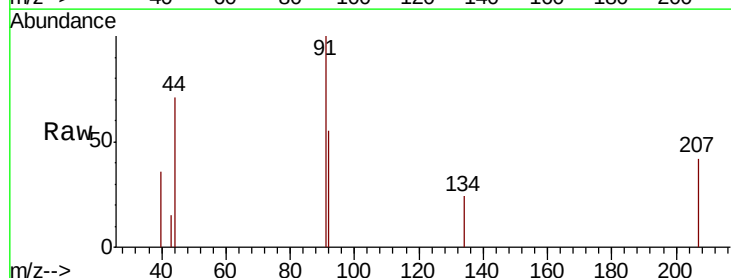
Instrument :
 MSVOA_N
 ClientSampled :

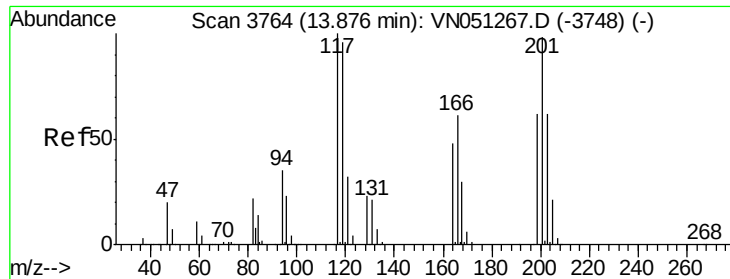
Tot Ion:146 Resp: 1666
 Ion Ratio Lower Upper
 146 100
 111 32.1 18.2 54.6
 148 53.9 31.9 95.7



#89
 n-Butylbenzene
 Concen: 2.16 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051322.D
 Acq: 19 Sep 2018 16:28

Tgt Ion: 91 Resp: 1558
 Ion Ratio Lower Upper
 91 100
 92 46.5 25.8 77.4
 134 18.3 13.7 41.0

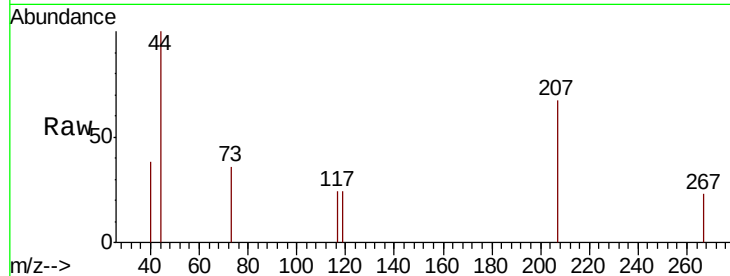




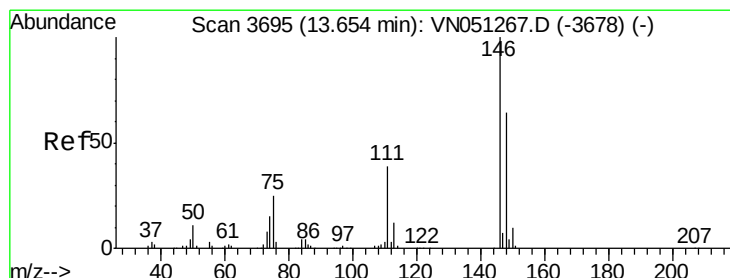
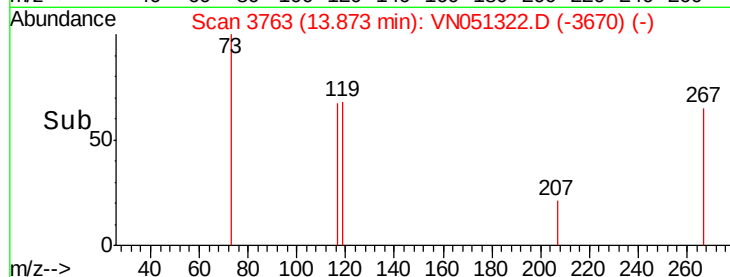
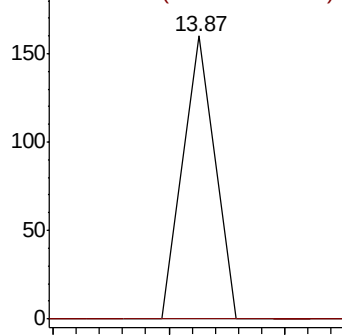
#90
Hexachloroethane
Concen: Below Cal
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 31
Ion Ratio Lower Upper
117 100
201 0.0 48.4 145.3#

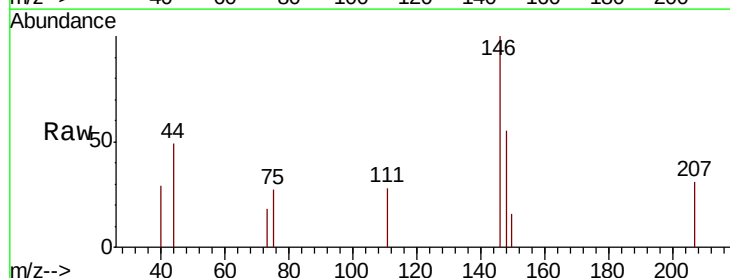


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

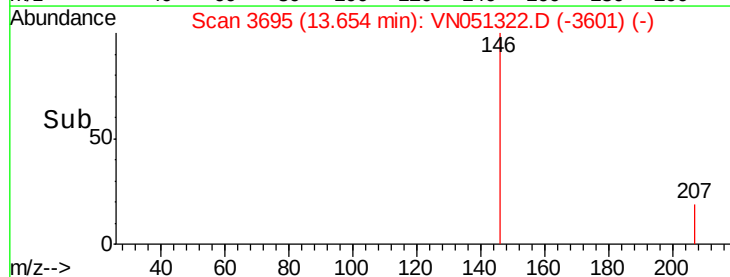
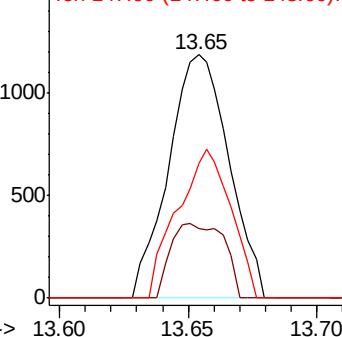


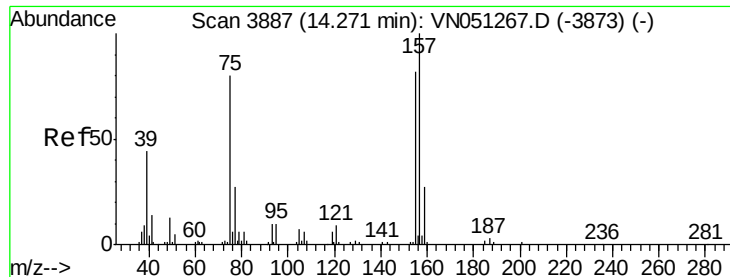
#91
1,2-Dichlorobenzene
Concen: Below Cal
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051322.D
Acq: 19 Sep 2018 16:28

Tgt Ion:146 Resp: 1933
Ion Ratio Lower Upper
146 100
111 27.0 19.6 58.7
148 54.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

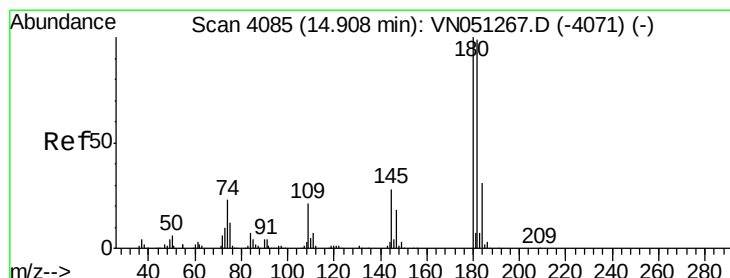
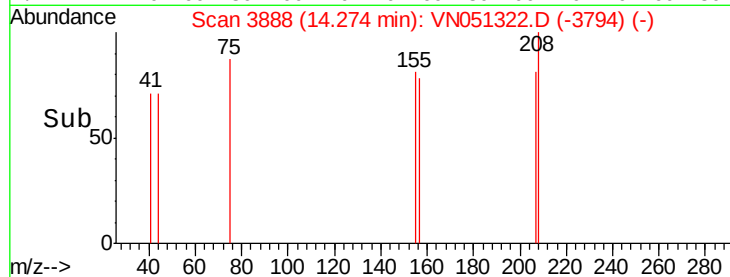
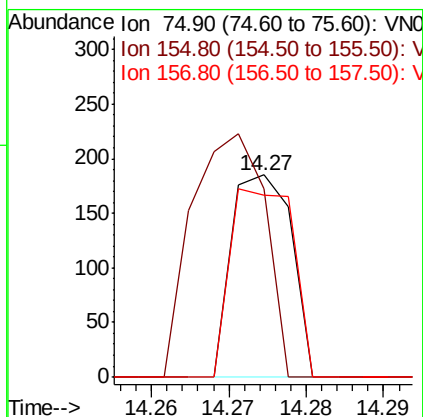
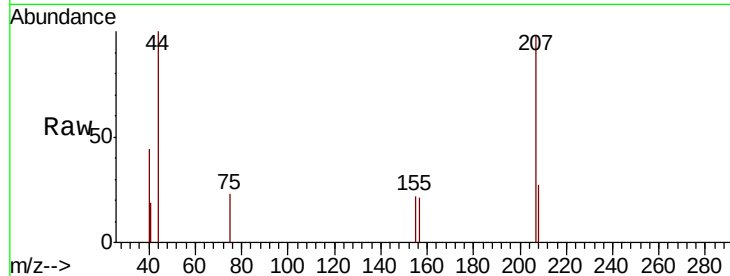




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.36 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN051322.D
 Acq: 19 Sep 2018 16:28

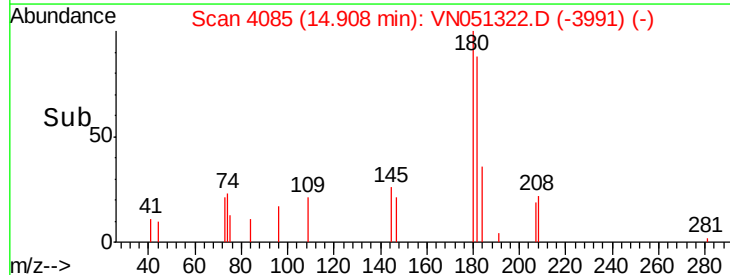
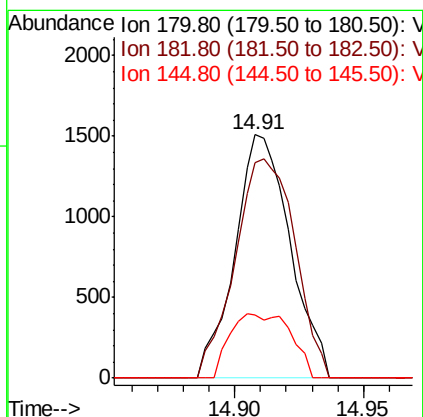
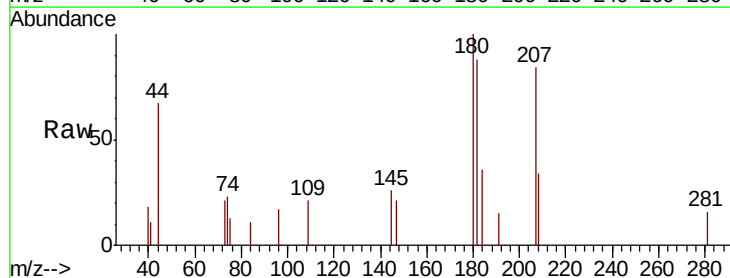
Instrument :
 MSVOA_N
 ClientSampled :

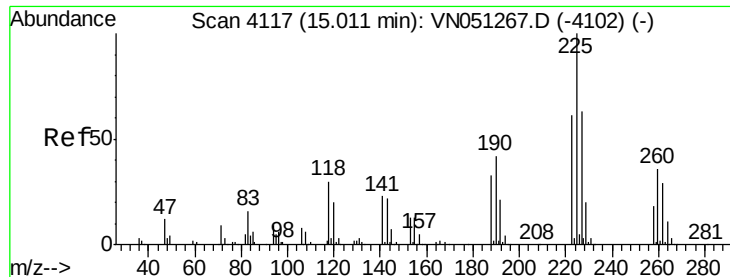
Tot Ion: 75 Resp: 100
 Ion Ratio Lower Upper
 75 100
 155 145.0 50.2 150.7
 157 97.0 62.9 188.7



#93
 1,2,4-Trichlorobenzene
 Concen: 5.62 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051322.D
 Acq: 19 Sep 2018 16:28

Tgt Ion: 180 Resp: 2258
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.5 145.6
 145 29.1 14.0 41.9





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

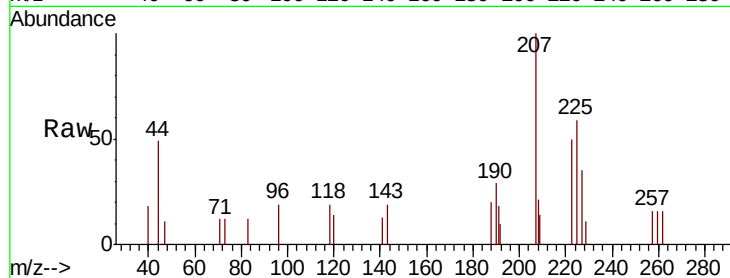
Tot Ion:225 Resp: 1446

Ion Ratio Lower Upper

225 100

223 74.7 30.8 92.3

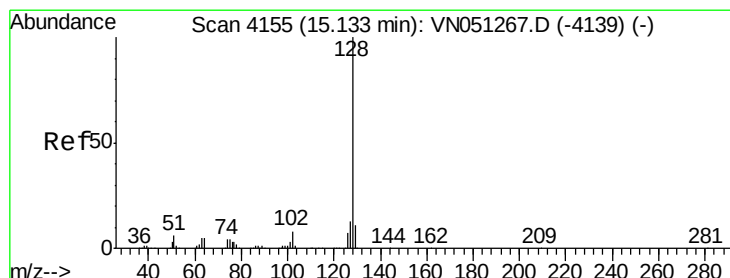
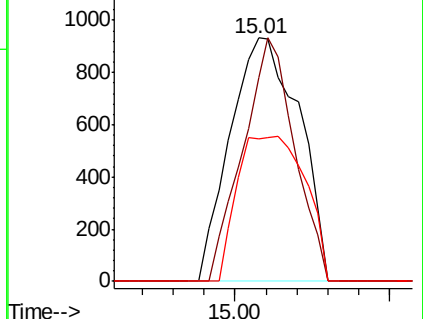
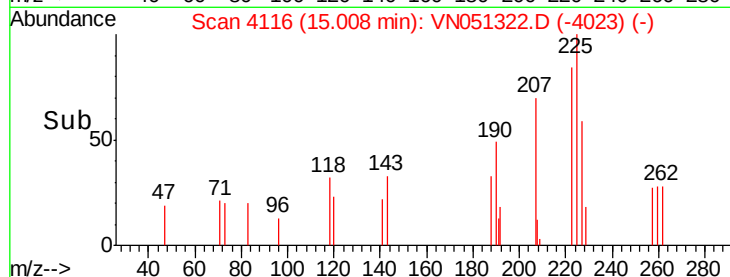
227 58.6 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 6.59 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051322.D

Acq: 19 Sep 2018 16:28

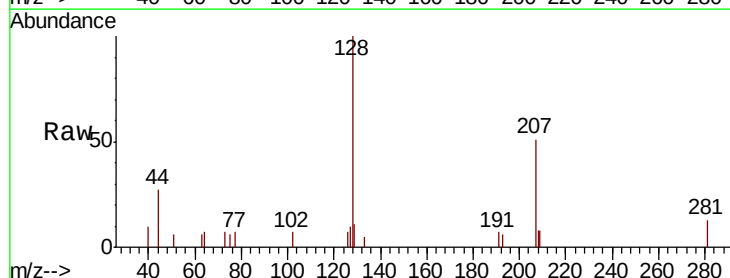
Tgt Ion:128 Resp: 4837

Ion Ratio Lower Upper

128 100

127 11.5 10.7 16.1

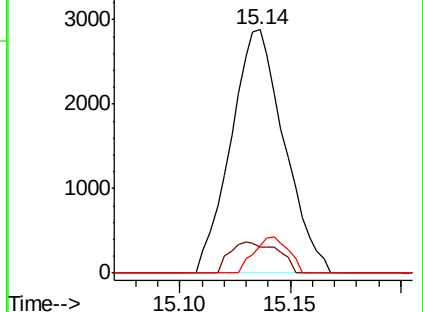
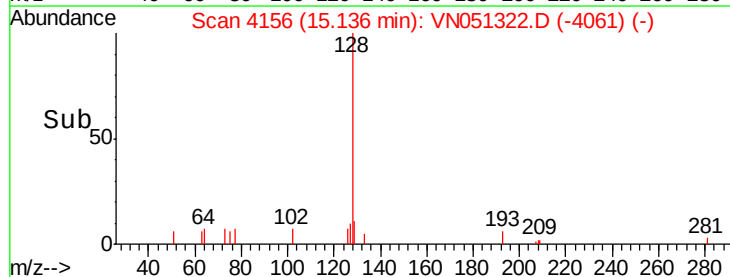
129 9.4 8.9 13.3

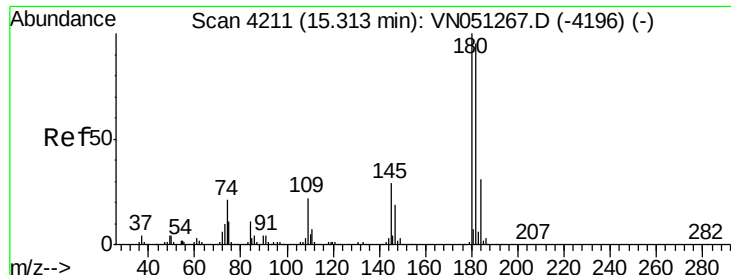


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

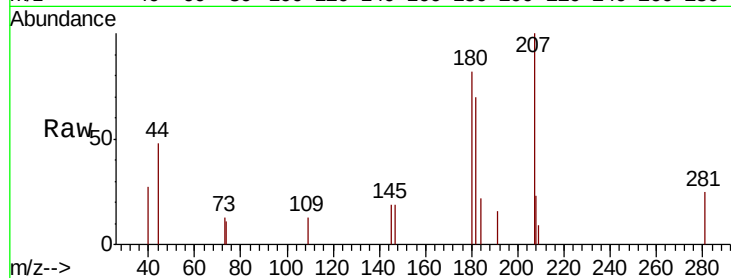




#96
 1,2,3-Trichlorobenzene
 Concen: 4.56 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN051322.D
 Acq: 19 Sep 2018 16:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.5	142.6
145	23.5	14.8	44.4



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

