

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052906.D
 Acq On : 14 Dec 2018 23:06
 Operator : MD\SY
 Sample : J6403-48
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 03:03:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1427179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2183137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1869420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	689801	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	727474	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
35) Dibromofluoromethane	7.59	113	573639	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
50) Toluene-d8	10.09	98	2637360	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	803383	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	

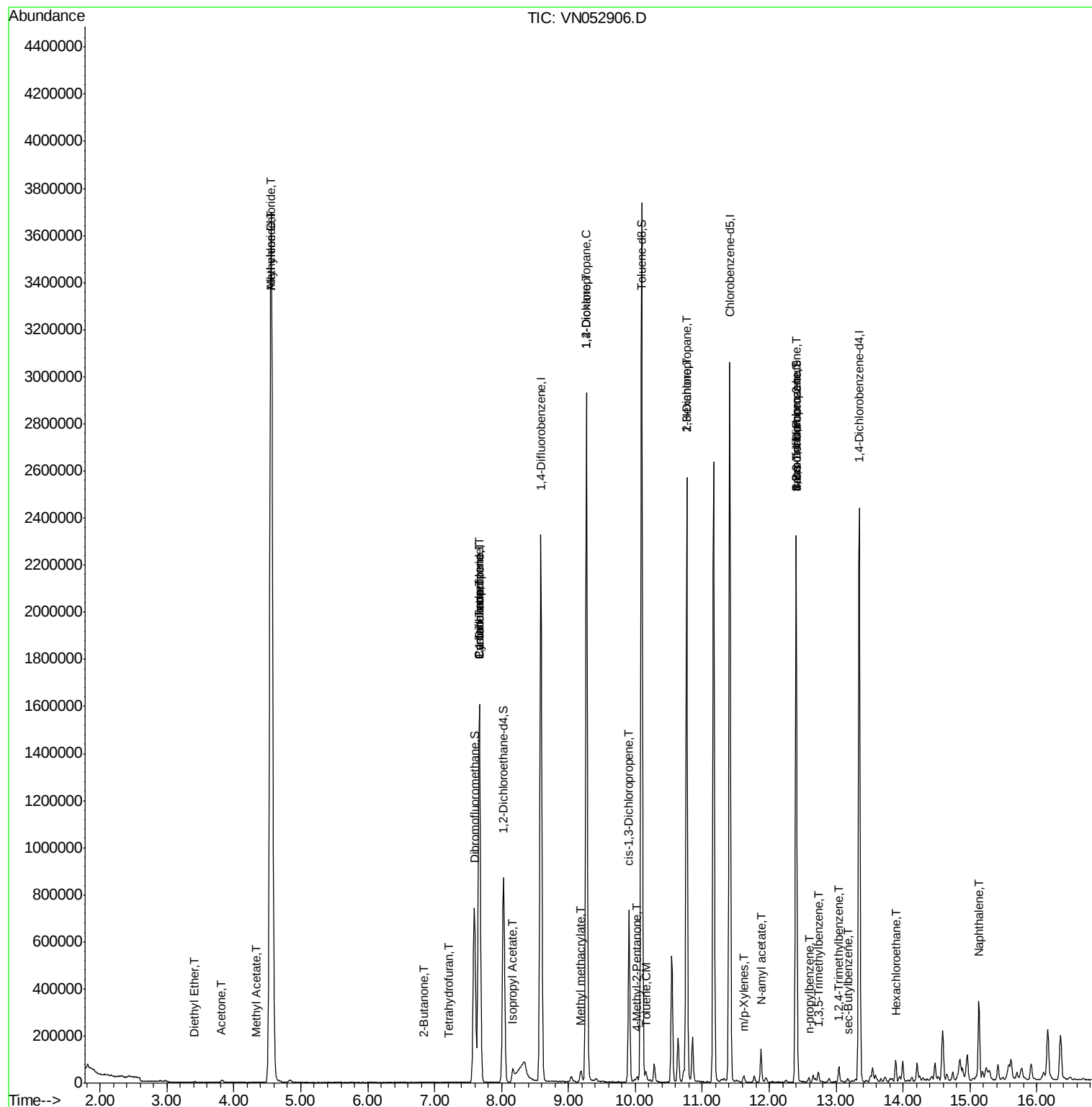
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	1743	0.218	ug/l #	18
14) Allyl chloride	4.56	41	104667	4.884	ug/l #	24
16) Acetone	3.82	43	20579	6.038	ug/l	94
18) Methyl Acetate	4.33	43	6102	0.488	ug/l #	61
20) Methylene Chloride	4.56	84	2876435	187.540	ug/l	98
25) 2-Butanone	6.84	43	2141	0.405	ug/l	96
29) Tetrahydrofuran	7.21	42	1972	0.546	ug/l #	54
31) Cyclohexane	7.67	56	22927	0.315	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	94198	4.686	ug/l #	49
38) Carbon Tetrachloride	7.67	117	122669	6.629	ug/l #	16
43) Isopropyl Acetate	8.17	43	72681	2.935	ug/l #	78
45) 1,2-Dichloropropane	9.27	63	3548	0.224	ug/l #	44
48) Methyl methacrylate	9.18	41	17564	1.617	ug/l #	12
49) 1,4-Dioxane	9.26	88	99	0.803	ug/l #	22
51) 4-Methyl-2-Pentanone	10.03	43	19691	1.734	ug/l #	35
52) Toluene	10.16	92	18505	0.506	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	135209	5.933	ug/l #	60
57) 1,3-Dichloropropane	10.77	76	27443	1.227	ug/l #	42
59) 2-Hexanone	10.77	43	367834	47.272	ug/l #	49
68) m/p-Xylenes	11.62	106	8894	0.356	ug/l	99
71) Bromoform	12.40	173	4641	0.506	ug/l #	1
74) N-amyl acetate	11.88	43	42722	3.021	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	380108	37.349	ug/l #	100
78) n-propylbenzene	12.59	91	14810	0.252	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	21224	0.510	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	380108	119.983	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	37599	0.893	ug/l	100
85) sec-Butylbenzene	13.17	105	10473	0.211	ug/l	88
90) Hexachloroethane	13.89	117	4839	0.672	ug/l #	4
95) Naphthalene	15.13	128	294883	11.697	ug/l	100

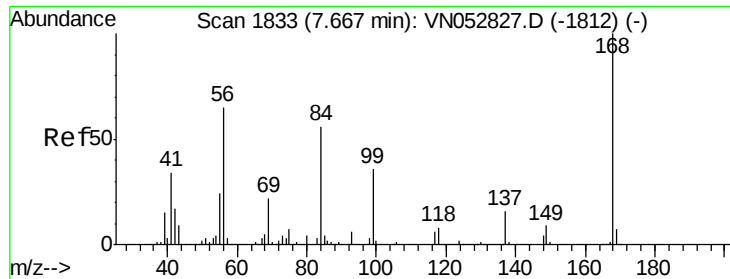
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

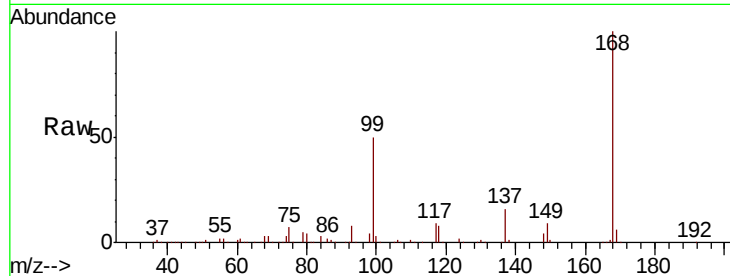
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1427179

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

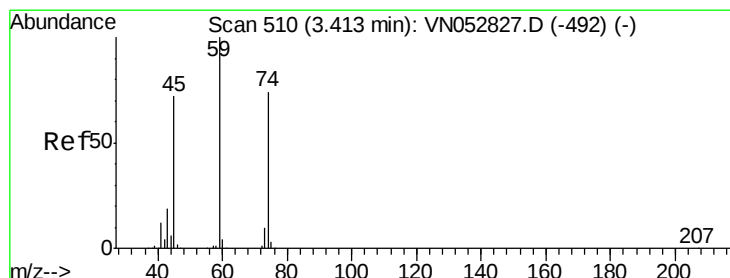
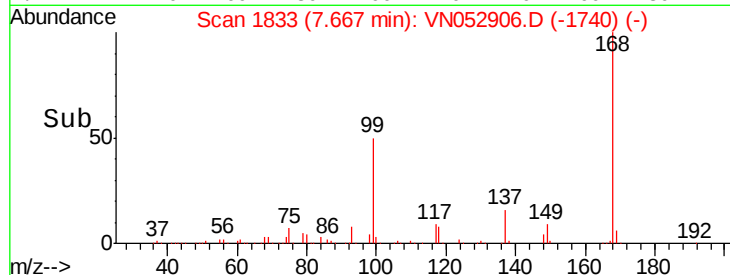
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.218 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN052906.D

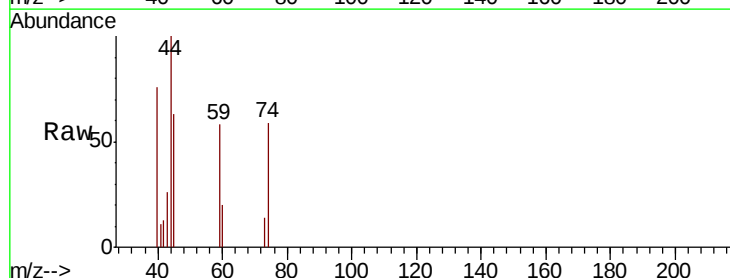
Acq: 14 Dec 2018 23:06

Tgt Ion: 74 Resp: 1743

Ion Ratio Lower Upper

74 100

45 179.7 49.4 148.0#



Abundance Ion 74.00 (73.70 to 74.70): VN052827.D (-492) (-)

Ion 45.00 (44.70 to 45.70): VN052827.D (-492) (-)

3.41

1200

1000

800

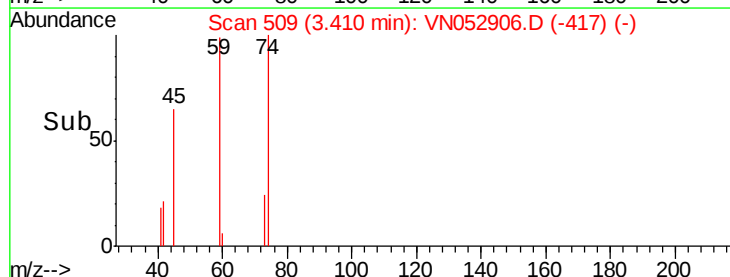
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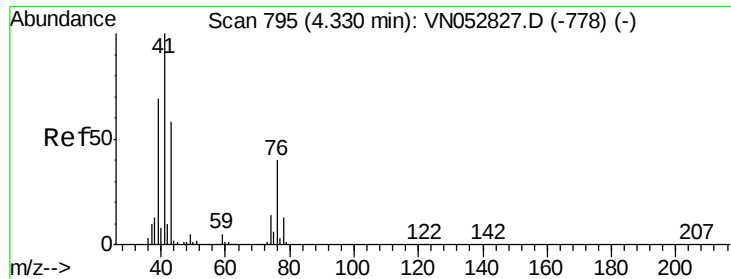
400

200

0

Time-->

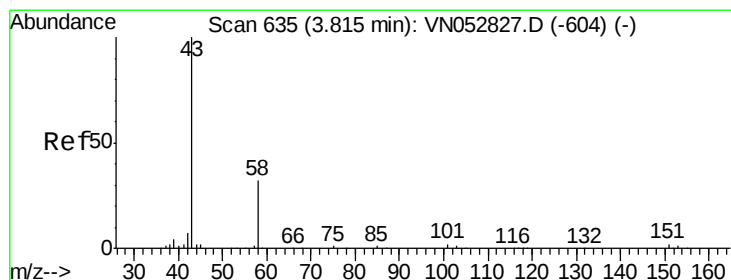
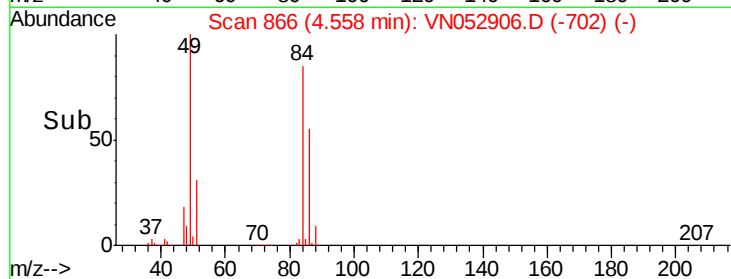
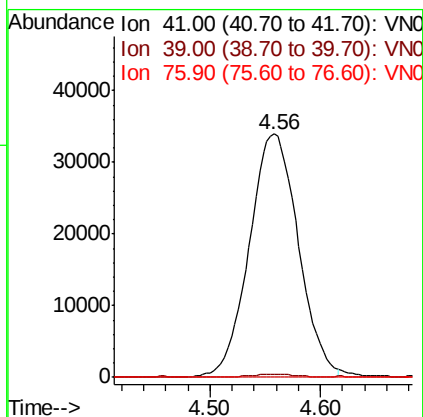
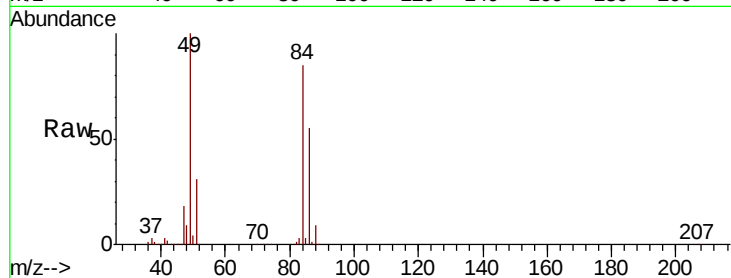




#14
Allvl chloride
Concen: 4.884 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.23 min
Lab File: VN052906.D
Acq: 14 Dec 2018 23:06

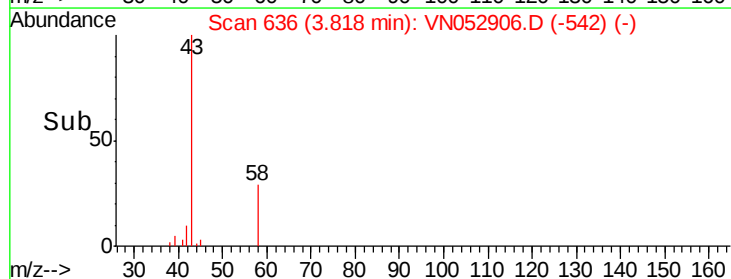
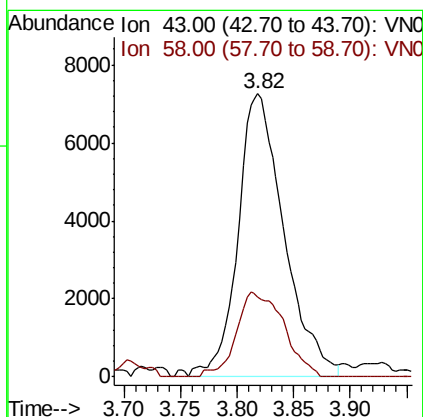
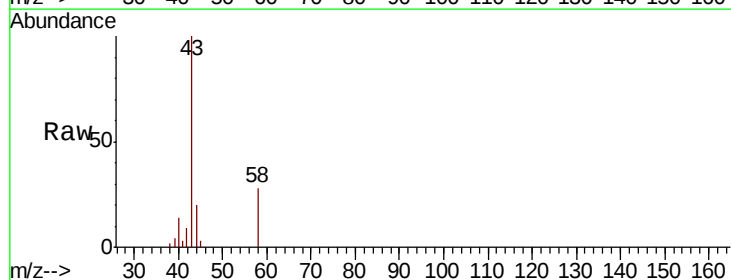
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MSVOA_N
ClientSampled :

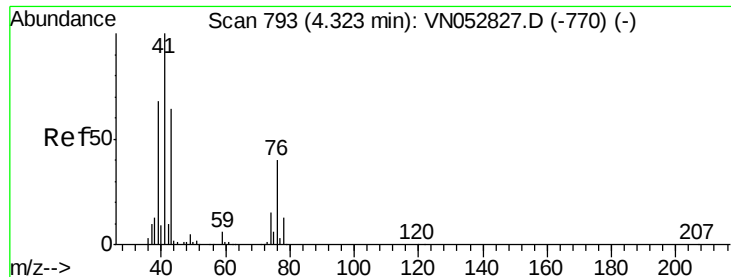
Tot Ion: 41 Resp: 104667
Ion Ratio Lower Upper
41 100
39 0.6 54.1 81.1#
76 0.0 30.3 45.5#



#16
Acetone
Concen: 6.038 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052906.D
Acq: 14 Dec 2018 23:06

Tgt Ion: 43 Resp: 20579
Ion Ratio Lower Upper
43 100
58 28.3 25.4 38.0

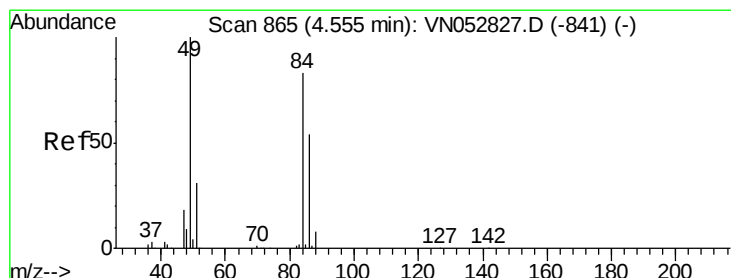
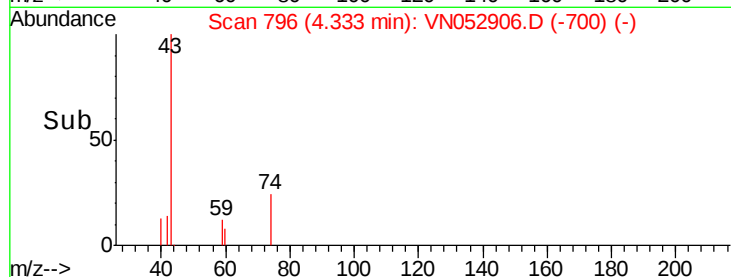
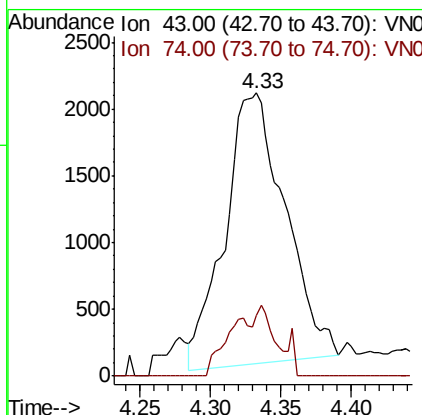
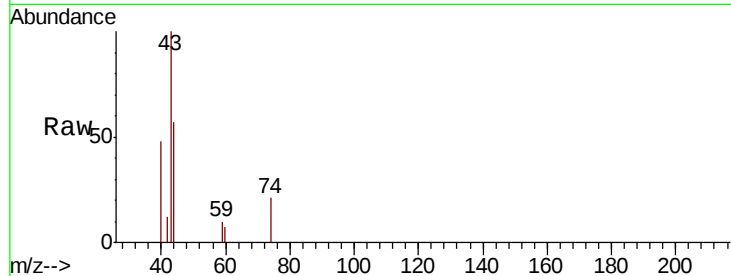




#18
Methyl Acetate
Concen: 0.488 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052906.D
Acq: 14 Dec 2018 23:06

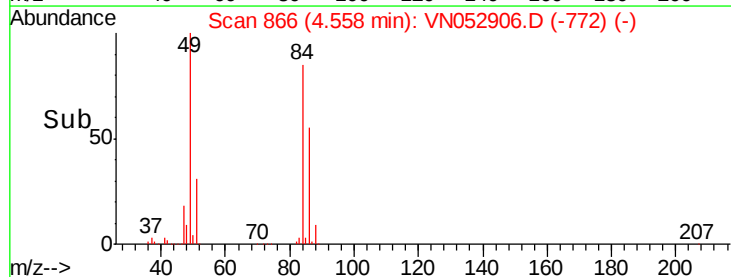
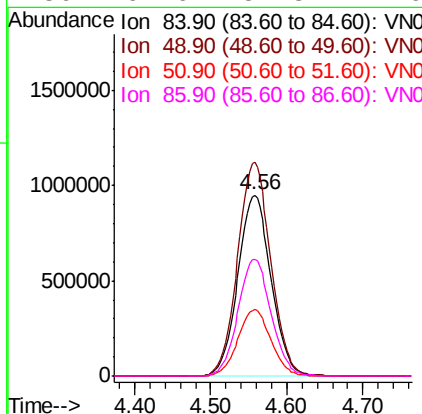
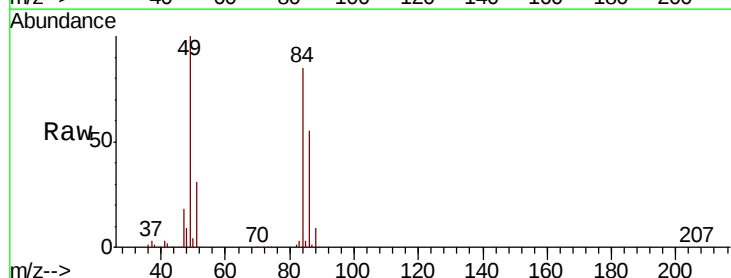
Instrument :
MSVOA_N
ClientSampled :

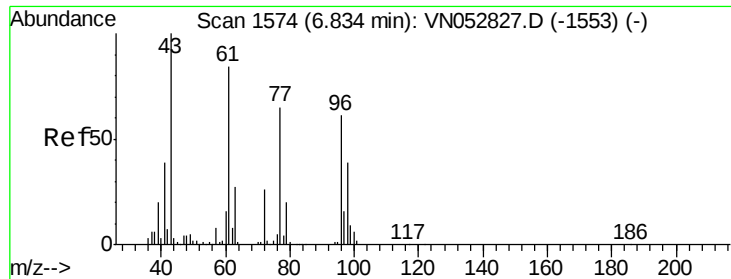
Tot Ion: 43 Resp: 6102
Ion Ratio Lower Upper
43 100
74 4.7 19.2 28.8#



#20
Methylene Chloride
Concen: 187.540 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052906.D
Acq: 14 Dec 2018 23:06

Tgt Ion: 84 Resp: 2876435
Ion Ratio Lower Upper
84 100
49 118.0 96.8 145.2
51 36.5 29.9 44.9
86 64.6 51.8 77.6

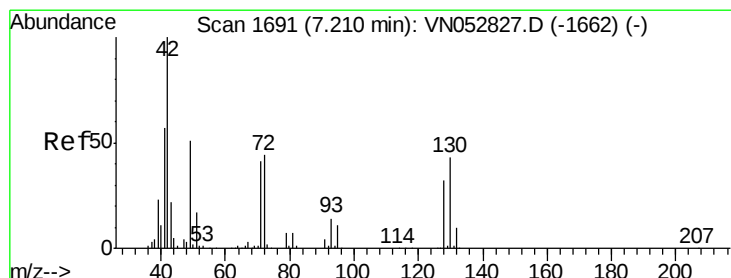
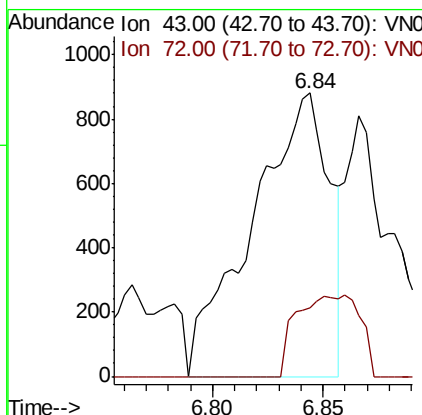
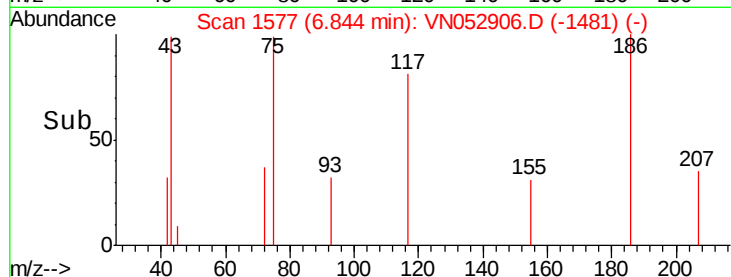
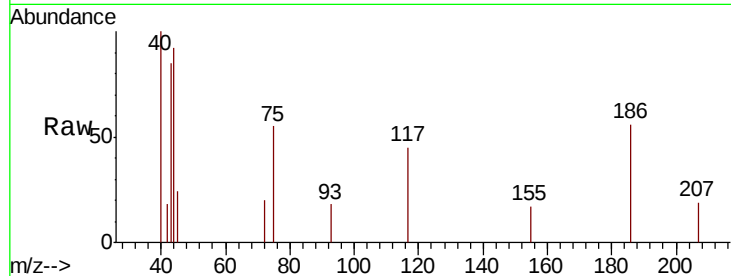




#25
2-Butanone
Concen: 0.405 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052906.D
Acq: 14 Dec 2018 23:06

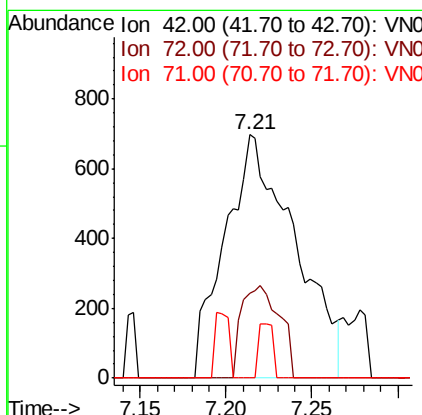
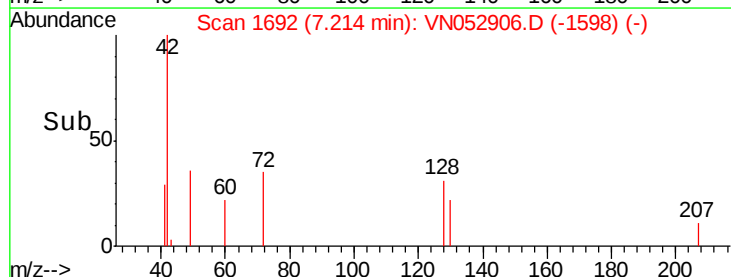
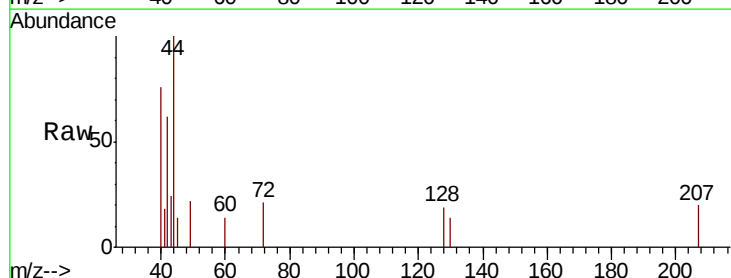
Instrument :
MSVOA_N
ClientSampled :

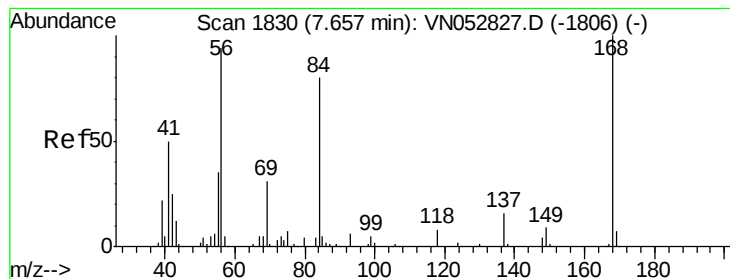
Tot Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
72 24.2 21.0 31.6



#29
Tetrahydrofuran
Concen: 0.546 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052906.D
Acq: 14 Dec 2018 23:06

Tgt Ion: 42 Resp: 1972
Ion Ratio Lower Upper
42 100
72 20.5 34.7 52.1#
71 4.5 32.3 48.5#





#31

Cyclohexane

Concen: 0.315 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :
MSVOA_N
ClientSampled :

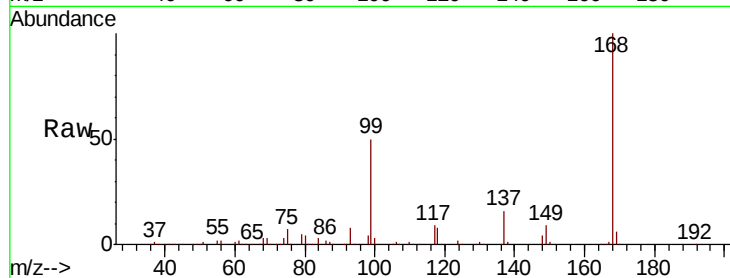
Tot Ion: 56 Resp: 22927

Ion Ratio Lower Upper

56 100

69 203.0 26.6 39.8#

84 183.6 68.4 102.6#

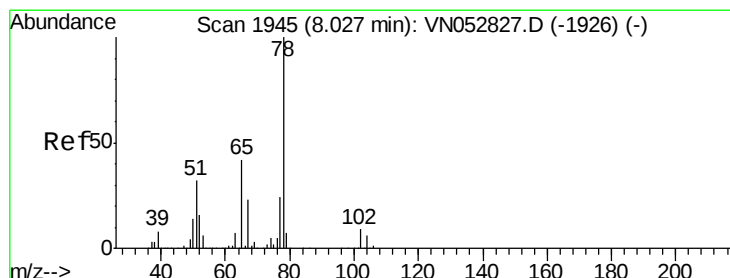
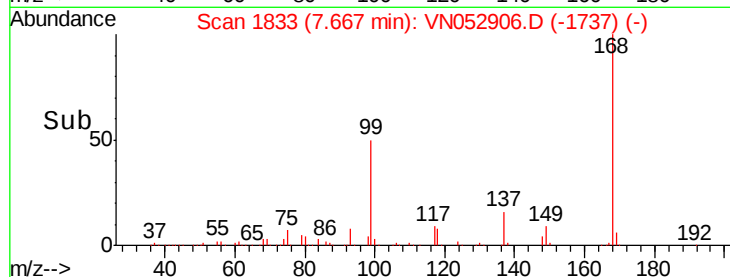
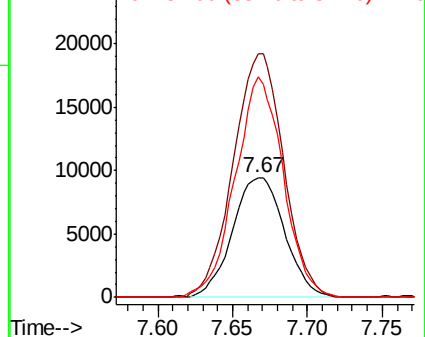


Abundance

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: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052906.D

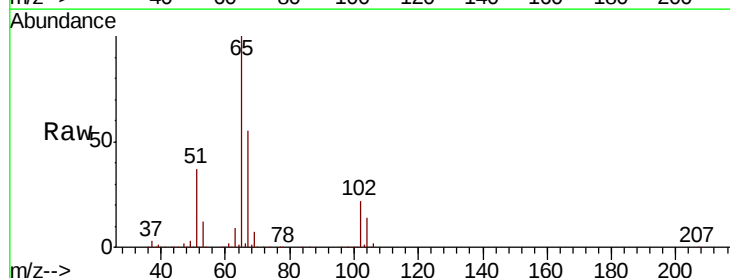
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Tgt Ion: 65 Resp: 727474

Ion Ratio Lower Upper

65 100

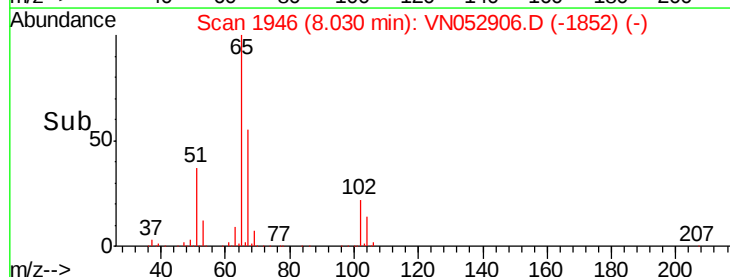
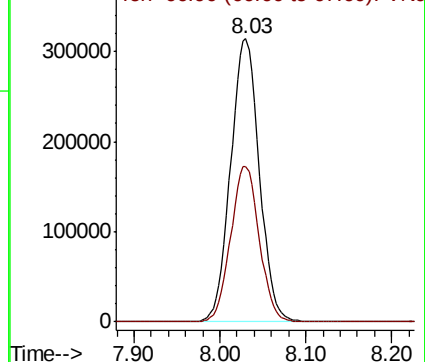
67 54.9 0.0 110.4

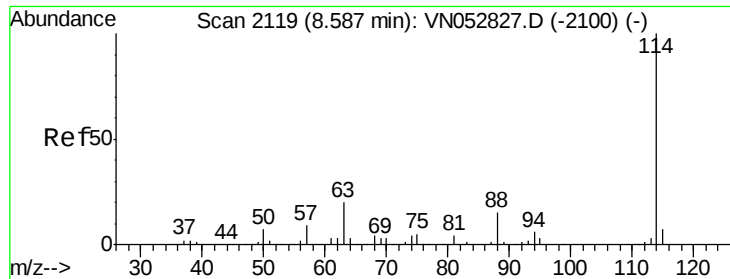


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

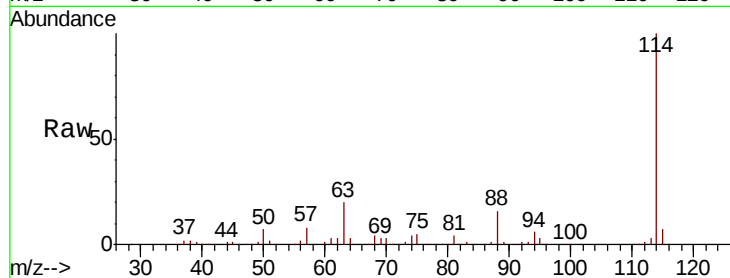




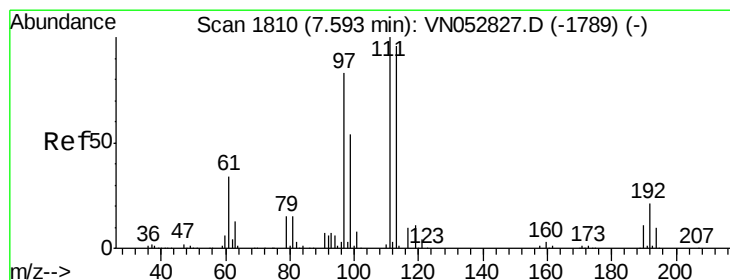
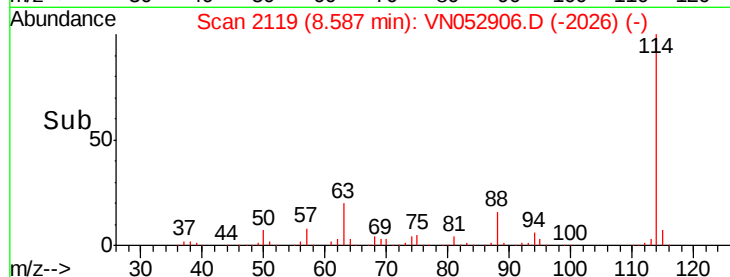
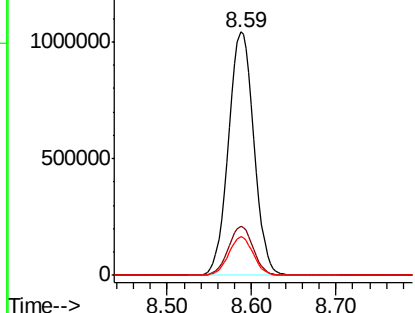
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2183137
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.7 0.0 31.0

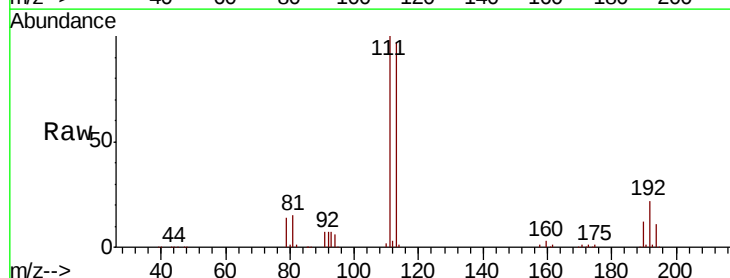


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

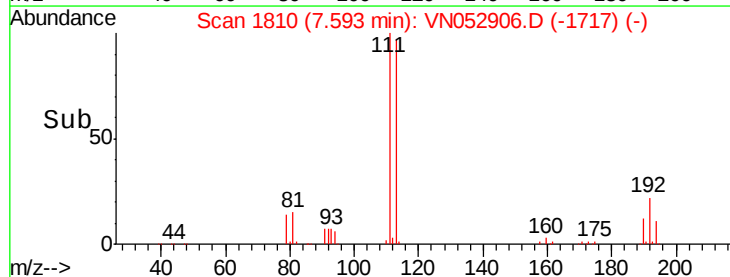
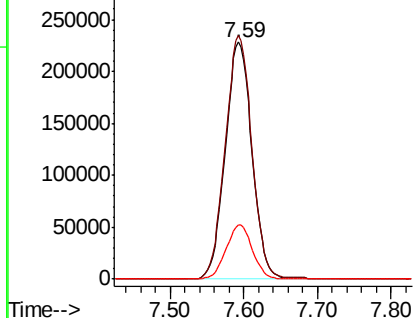


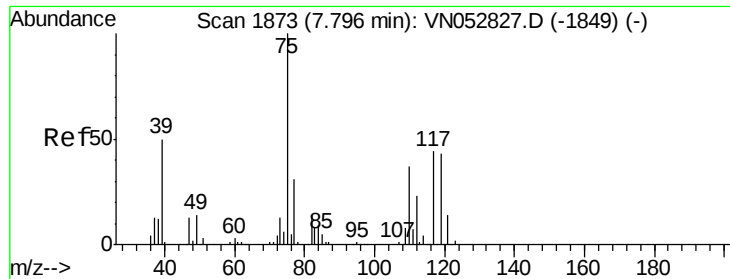
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

Tgt Ion:113 Resp: 573639
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 22.6 17.5 26.3



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

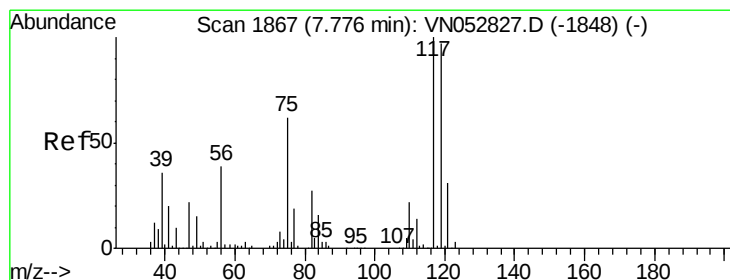
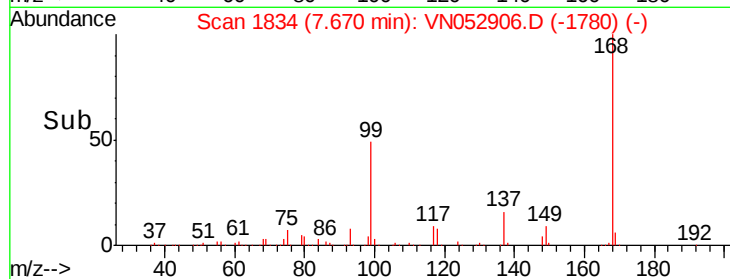
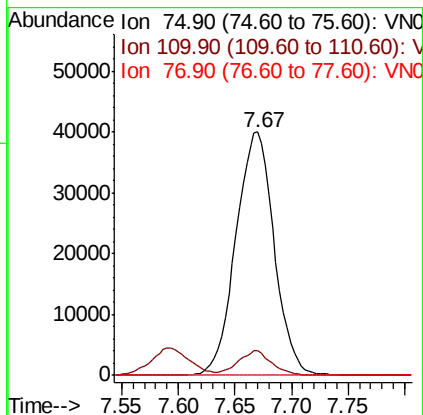
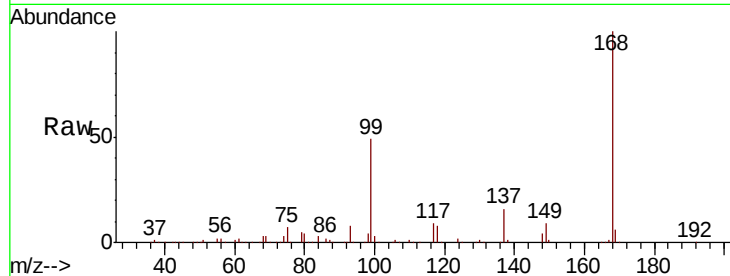




#36
 1,1-Dichloropropene
 Concen: 4.686 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.13 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

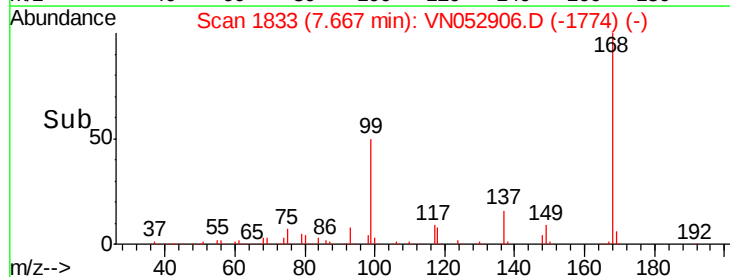
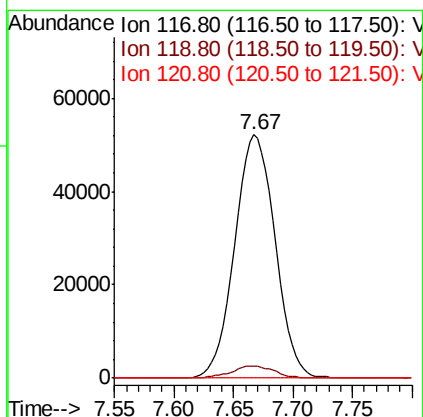
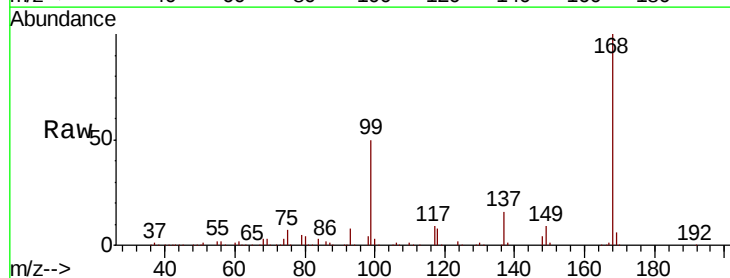
Instrument :
 MSVOA_N
 ClientSampled :

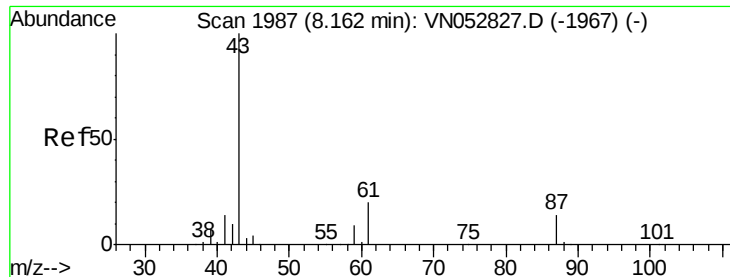
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.629 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.1	115.7#
121	0.0	24.9	37.3#





#43

Isopropyl Acetate

Concen: 2.935 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

ClientSampleId :

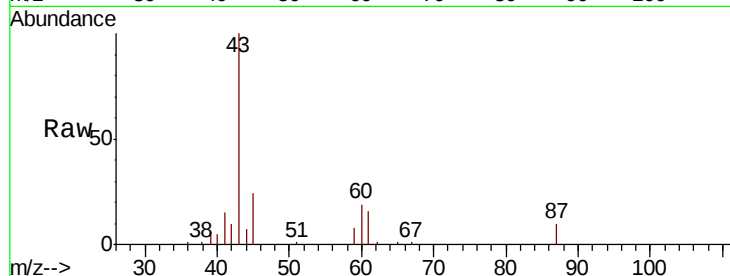
Tot Ion: 43 Resp: 72681

Ion Ratio Lower Upper

43 100

61 14.0 22.9 34.3#

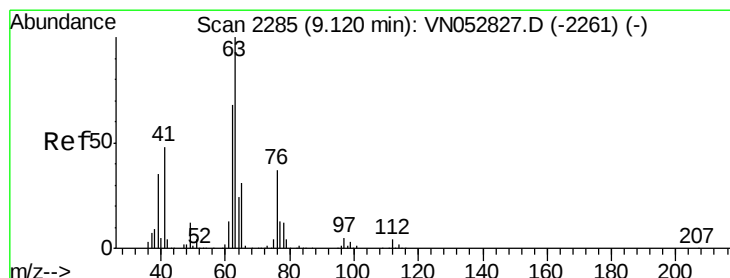
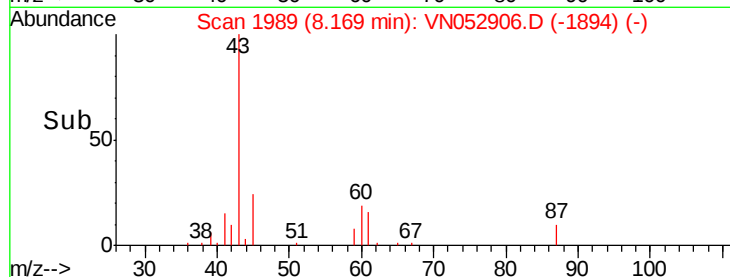
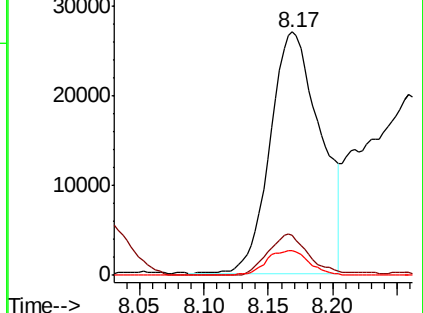
87 8.8 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)



#45

1,2-Dichloropropane

Concen: 0.224 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN052906.D

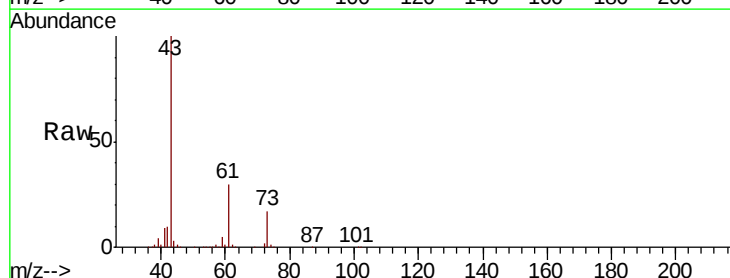
Acq: 14 Dec 2018 23:06

Tgt Ion: 63 Resp: 3548

Ion Ratio Lower Upper

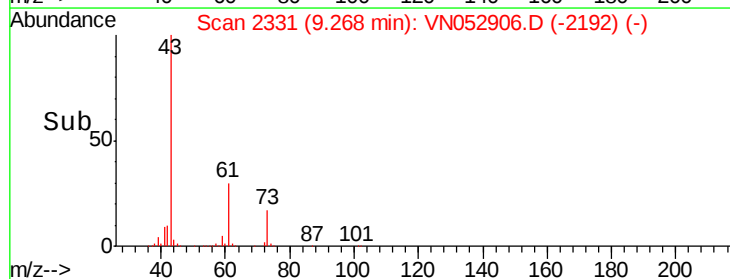
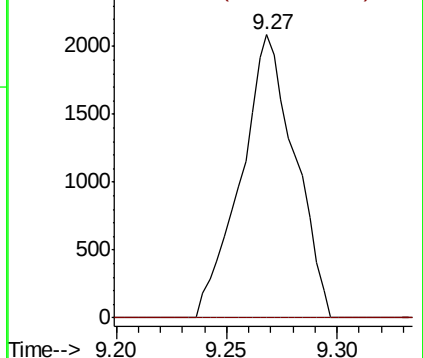
63 100

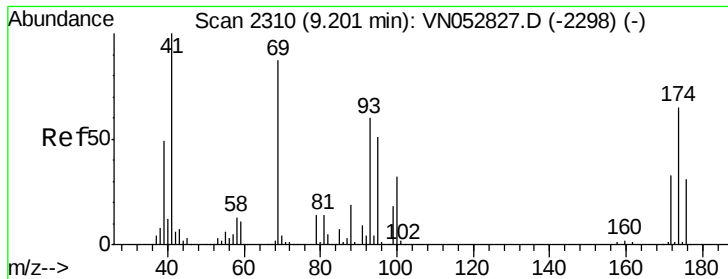
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN052827.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN052827.D (-2261) (-)

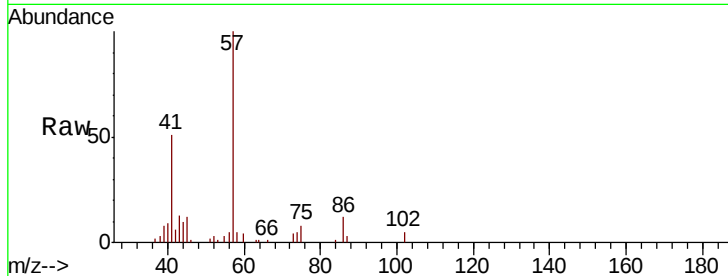




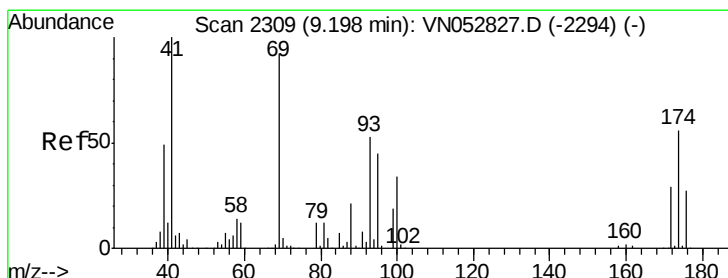
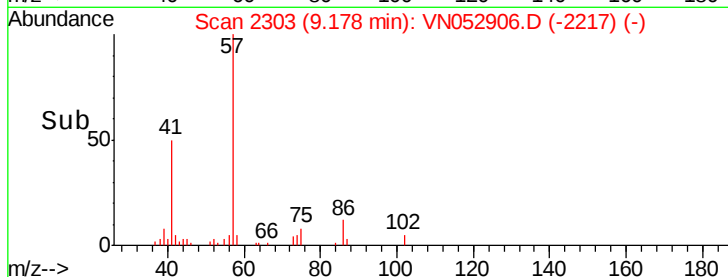
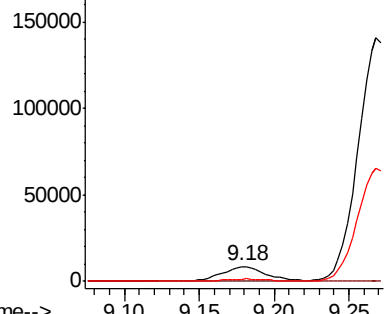
#48
Methvl methacrylate
Concen: 1.617 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052906.D
Acq: 14 Dec 2018 23:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 17564
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 0.0 41.9 62.9#

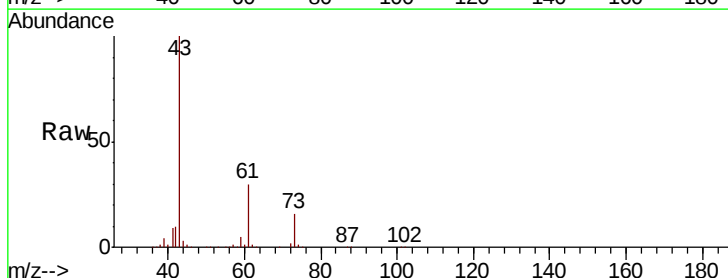


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

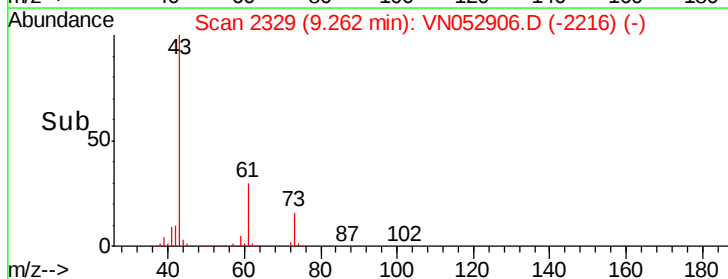
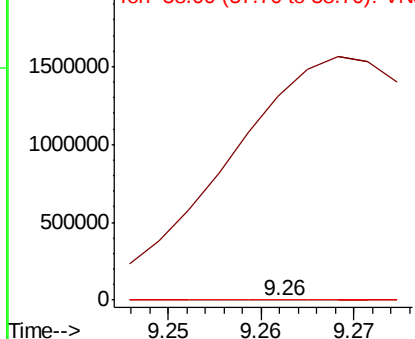


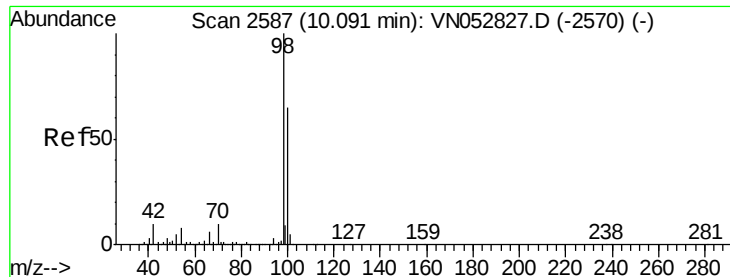
#49
1,4-Dioxane
Concen: 0.803 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN052906.D
Acq: 14 Dec 2018 23:06

Tgt Ion: 88 Resp: 99
Ion Ratio Lower Upper
88 100
43 0.0 26.6 40.0#
58 0.0 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 0.803 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

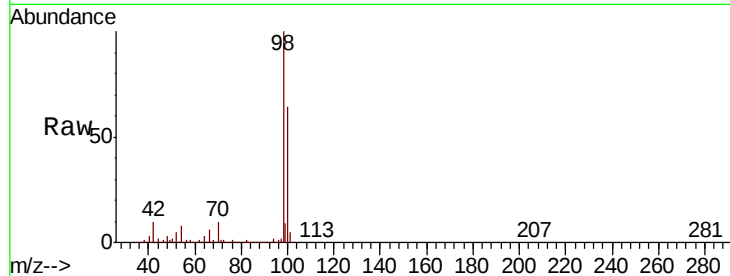
ClientSampleId :

Tot Ion: 98 Resp: 2637360

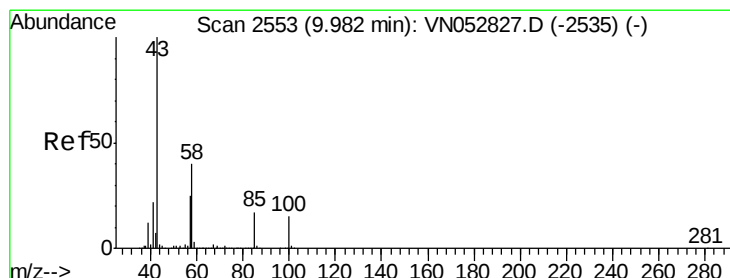
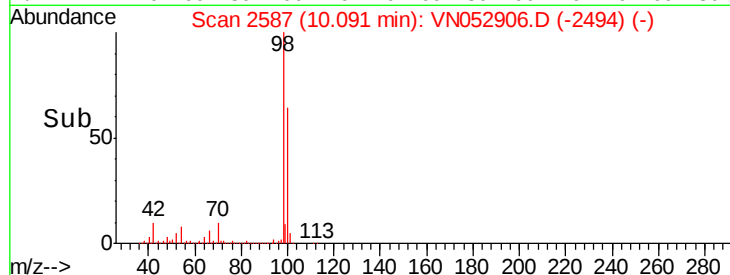
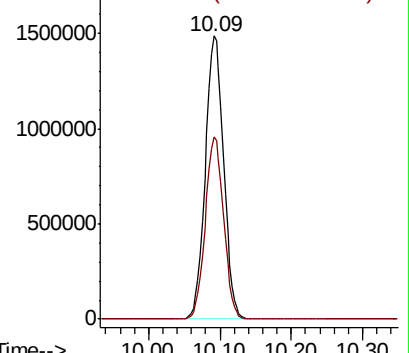
Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052827.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.734 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.05 min

Lab File: VN052906.D

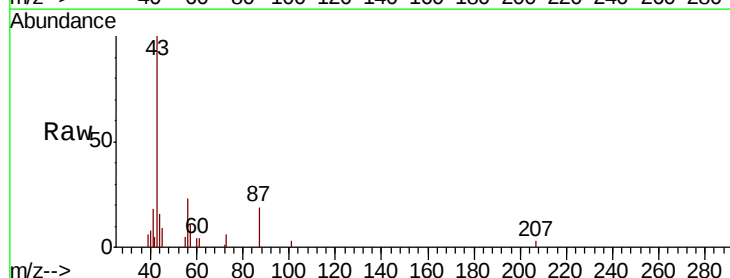
Acq: 14 Dec 2018 23:06

Tgt Ion: 43 Resp: 19691

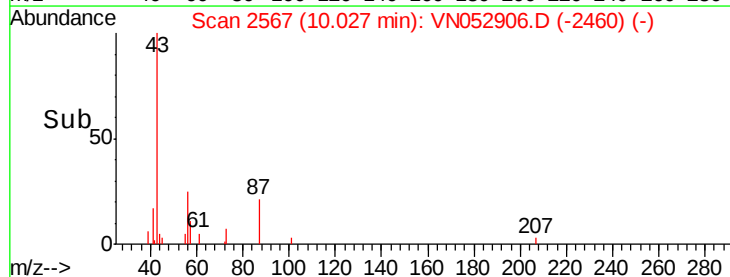
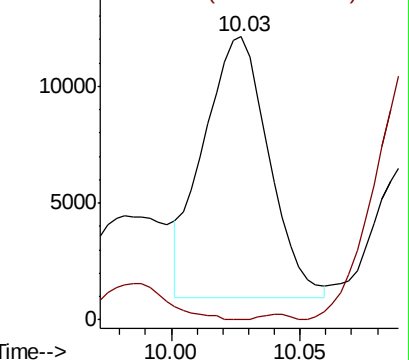
Ion Ratio Lower Upper

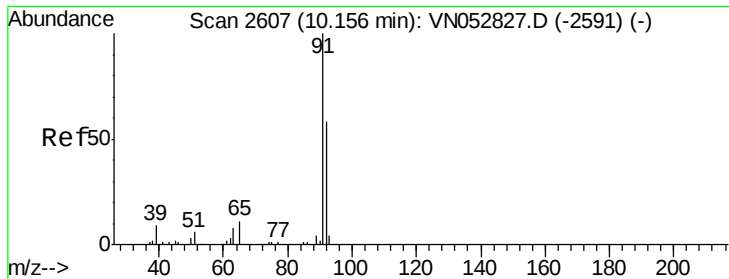
43 100

58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-2535) (-)





#52

Toluene

Concen: 0.506 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

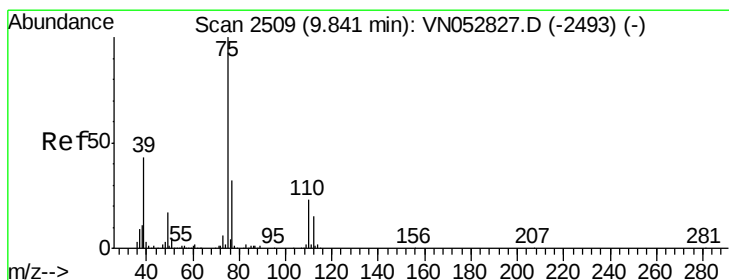
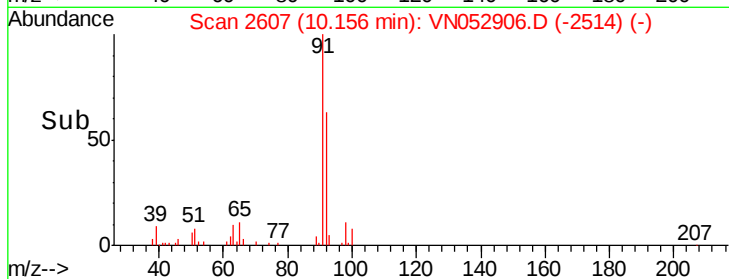
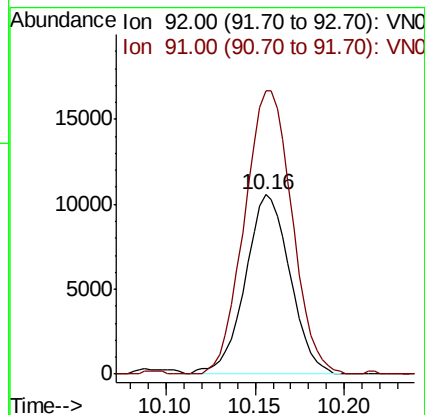
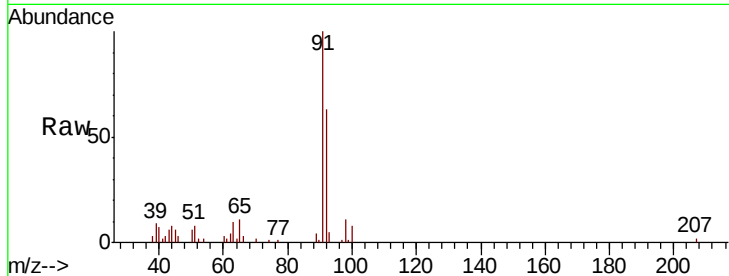
ClientSampleId :

Tot Ion: 92 Resp: 18505

Ion Ratio Lower Upper

92 100

91 167.5 139.8 209.6



#54

cis-1,3-Dichloropropene

Concen: 5.933 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

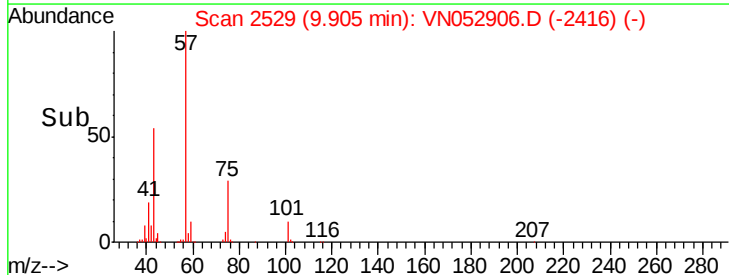
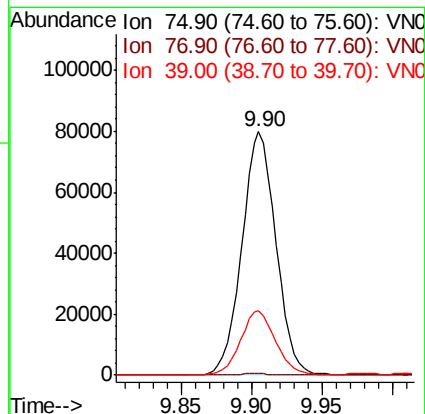
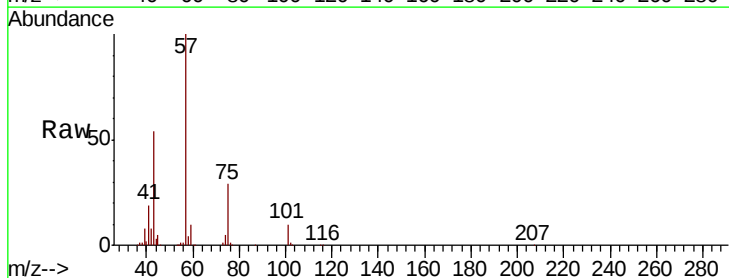
Tgt Ion: 75 Resp: 135209

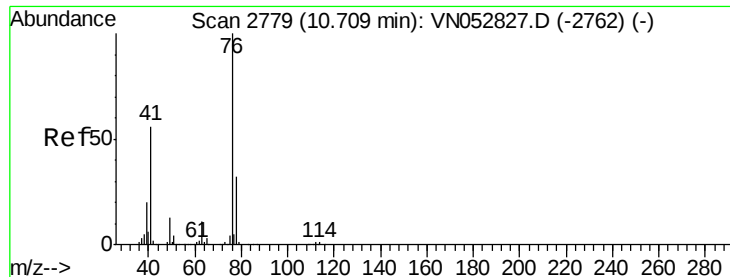
Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.8#

39 26.3 34.8 52.2#

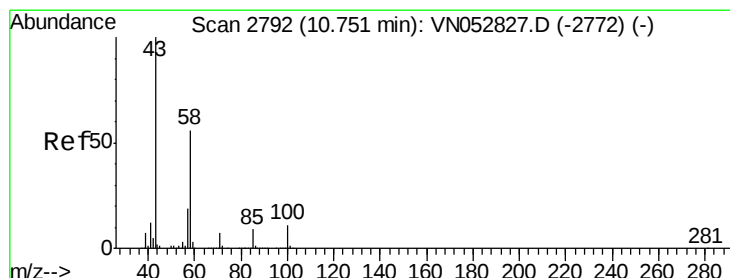
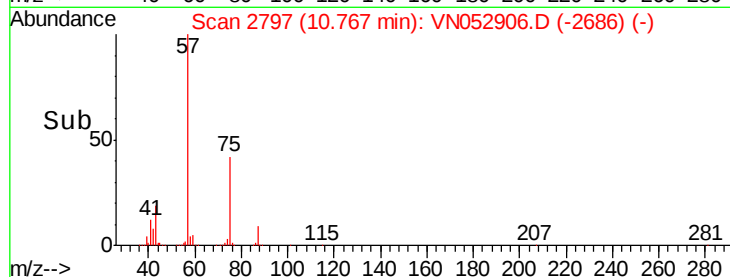
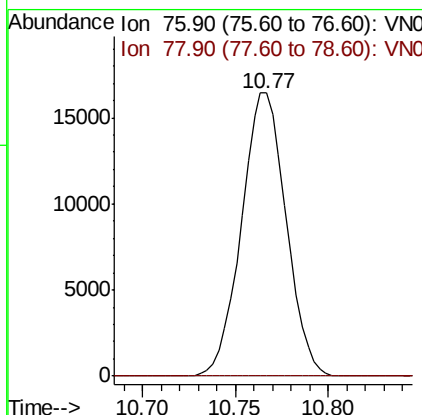
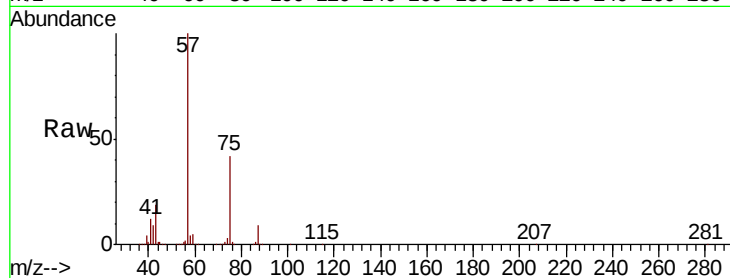




#57
 1,3-Dichloropropane
 Concen: 1.227 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

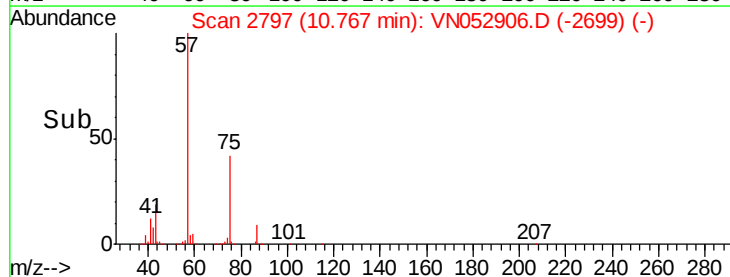
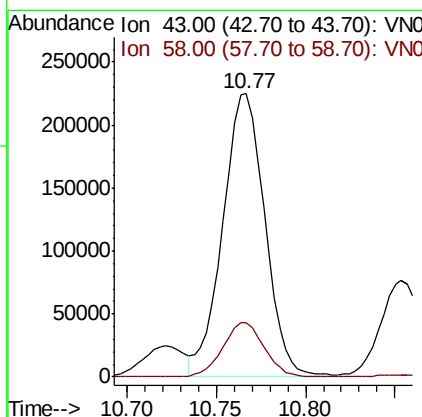
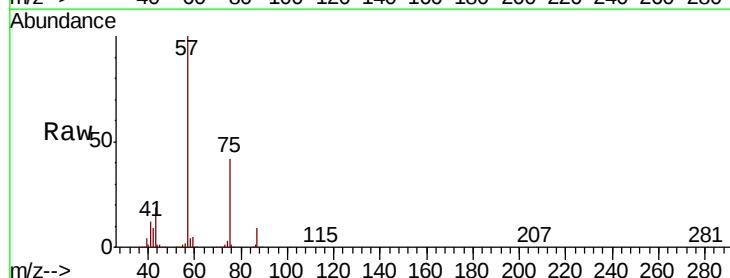
Instrument :
 MSVOA_N
 ClientSampleId :

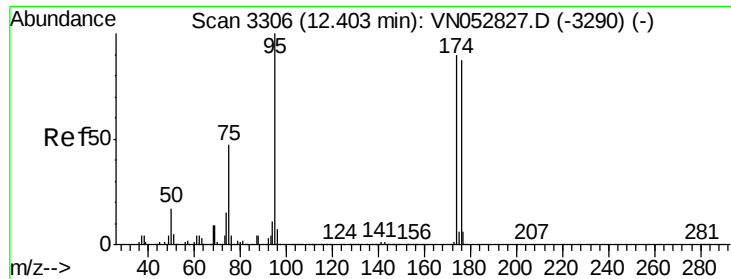
Tot Ion: 76 Resp: 27443
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 47.272 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.02 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

Tgt Ion: 43 Resp: 367834
 Ion Ratio Lower Upper
 43 100
 58 19.0 28.1 84.3#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

ClientSampleId :

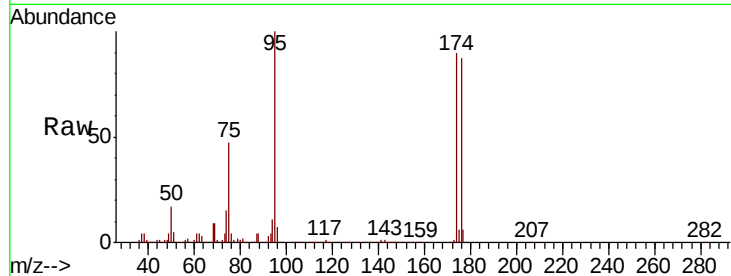
Tot Ion: 95 Resp: 803383

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.8

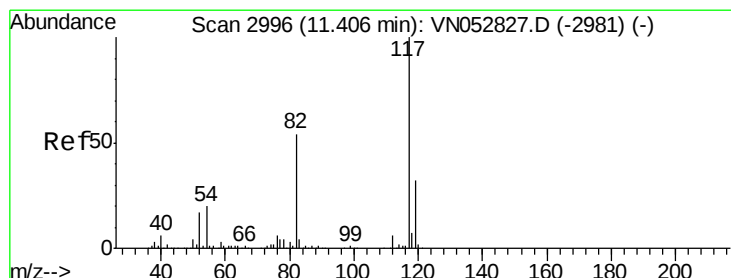
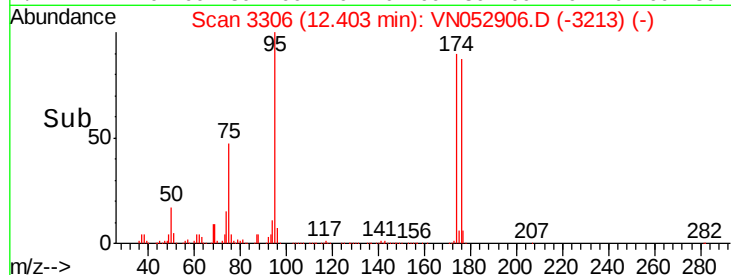
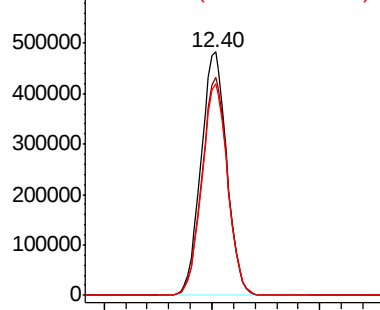
176 86.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

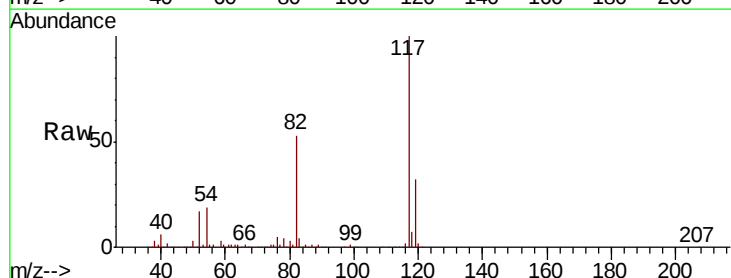
Tgt Ion: 117 Resp: 1869420

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

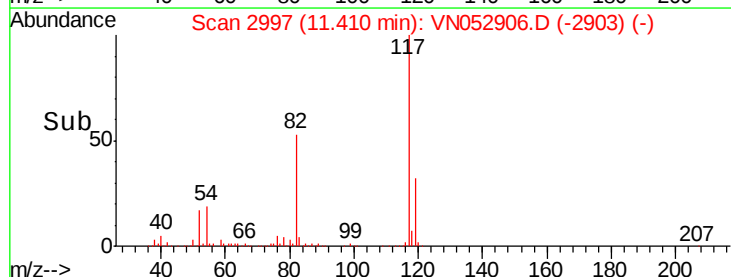
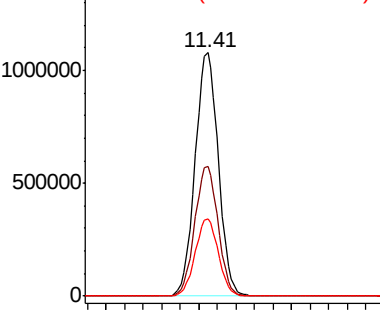
119 32.0 25.5 38.3

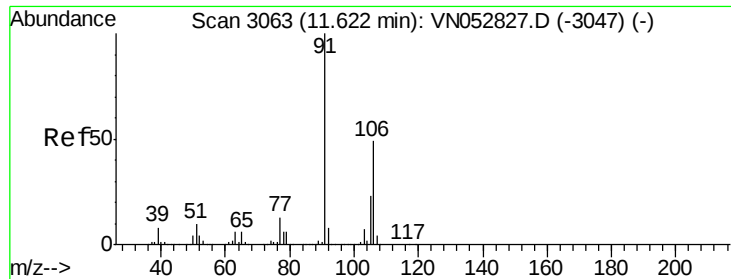


Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052827.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052827.D (-2981) (-)





#68

m/p-Xvlenes

Concen: 0.356 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

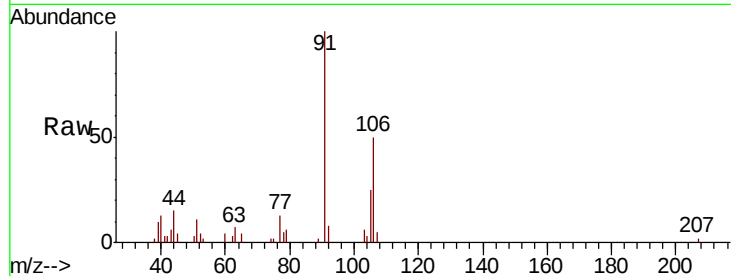
ClientSampled :

Tot Ion:106 Resp: 8894

Ion Ratio Lower Upper

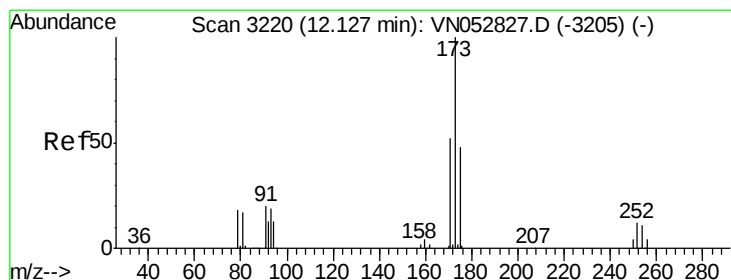
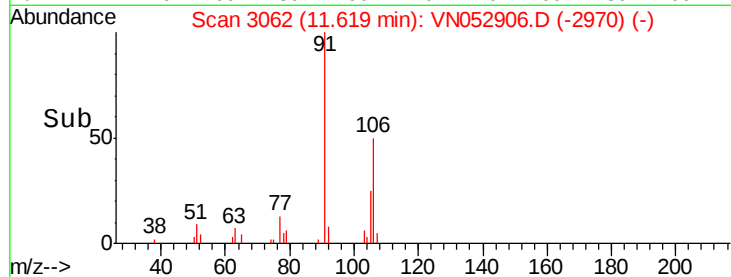
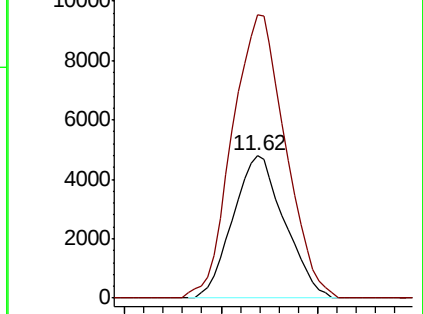
106 100

91 204.1 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.506 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

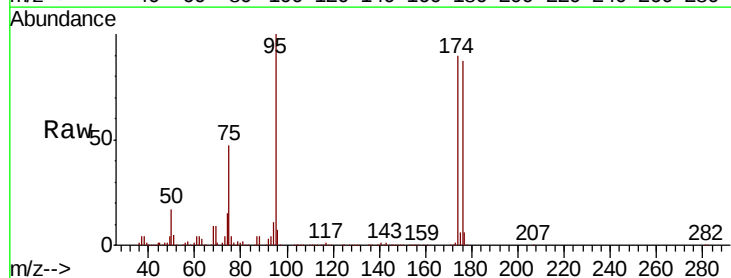
Tgt Ion:173 Resp: 4641

Ion Ratio Lower Upper

173 100

175 962.7 24.3 72.9#

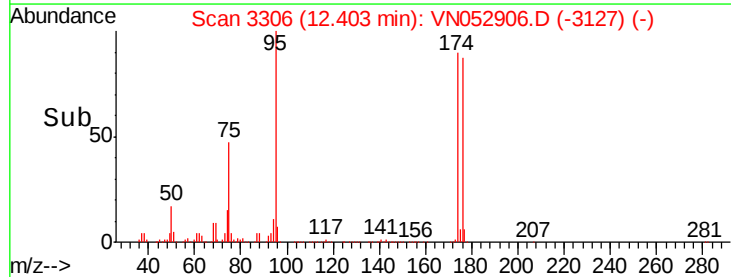
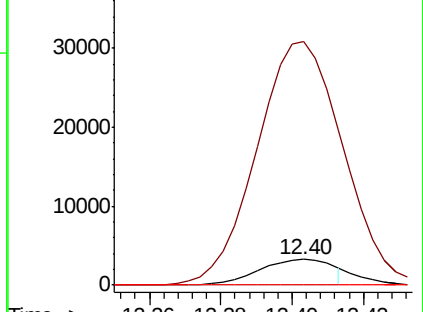
254 0.0 0.1 0.1#

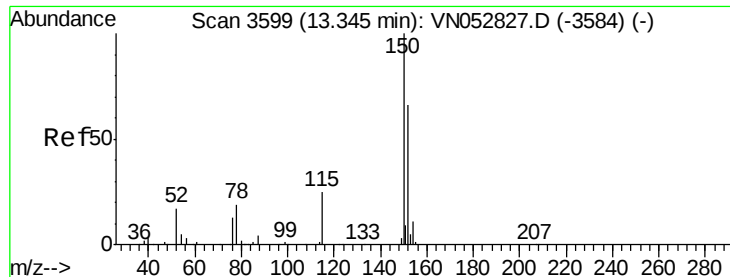


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

ClientSampled :

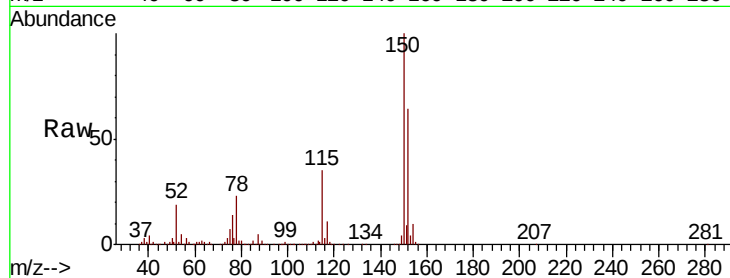
Tot Ion:152 Resp: 689801

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

150 156.5 0.0 347.8

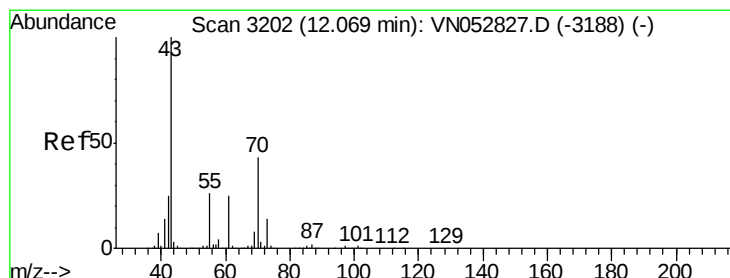
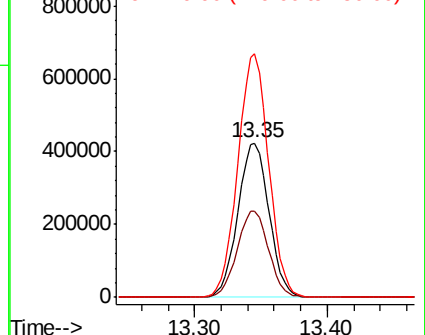
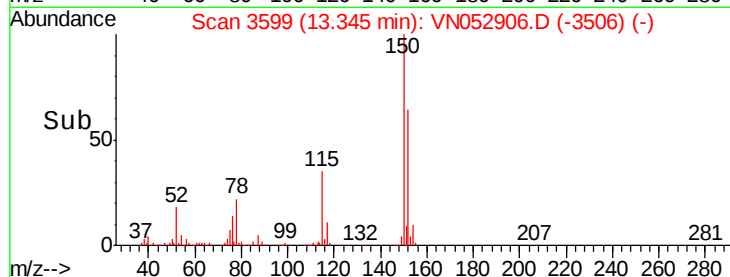


Abundance

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-ethyl acetate

Concen: 3.021 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Tgt Ion: 43 Resp: 42722

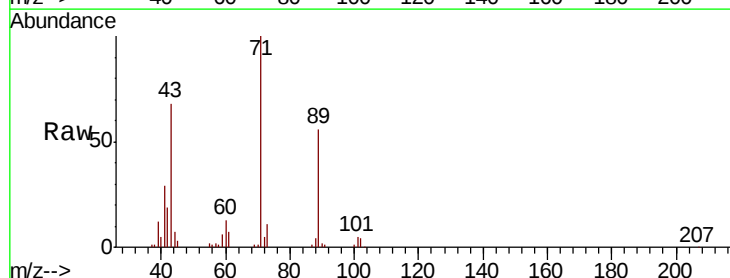
Ion Ratio Lower Upper

43 100

70 1.2 34.2 51.4#

55 4.7 20.3 30.5#

61 11.5 20.0 30.0#



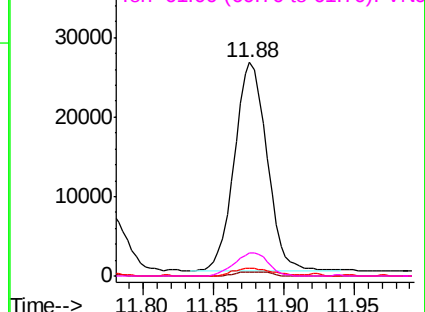
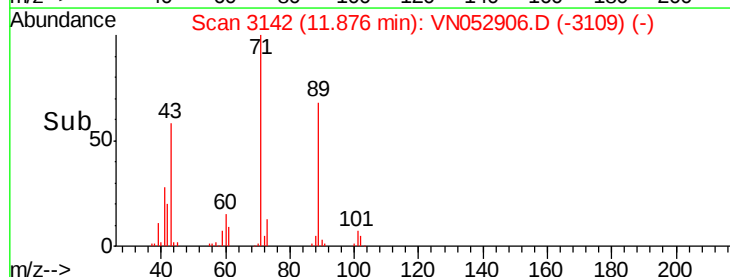
Abundance

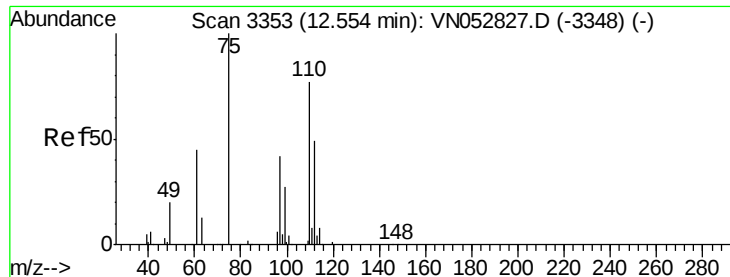
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 37.349 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

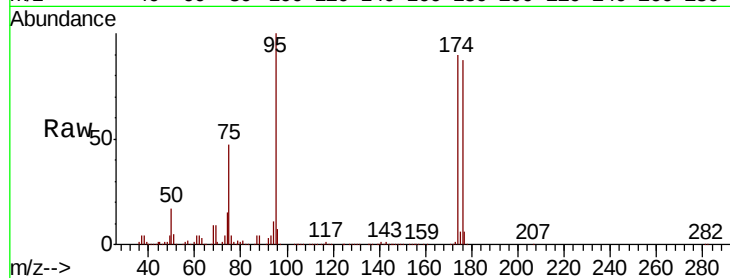
ClientSampleId :

Tot Ion: 75 Resp: 380108

Ion Ratio Lower Upper

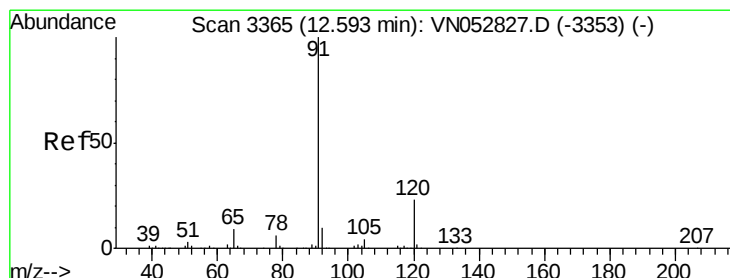
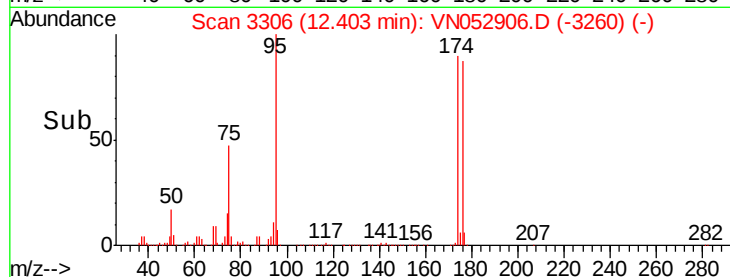
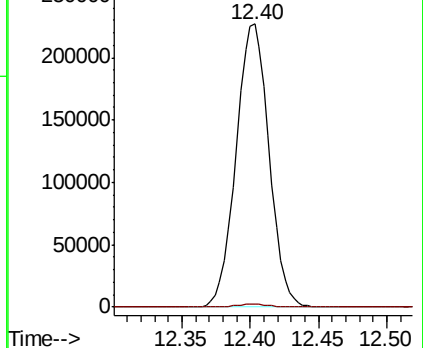
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.252 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052906.D

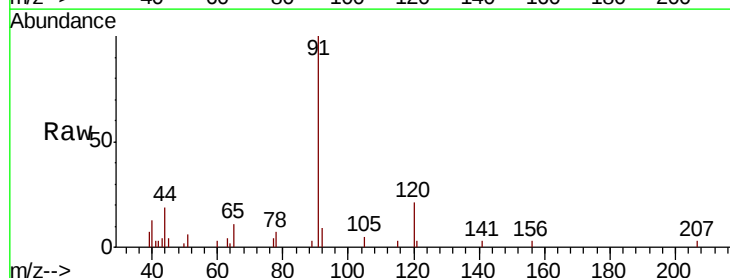
Acq: 14 Dec 2018 23:06

Tgt Ion: 91 Resp: 14810

Ion Ratio Lower Upper

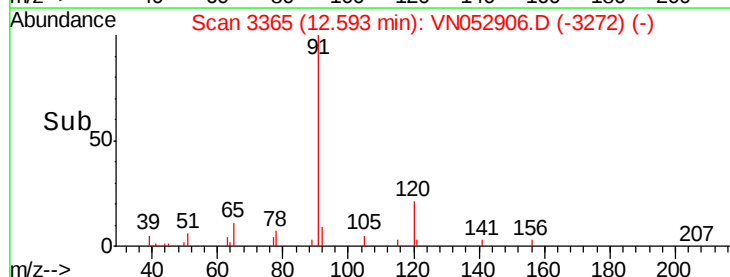
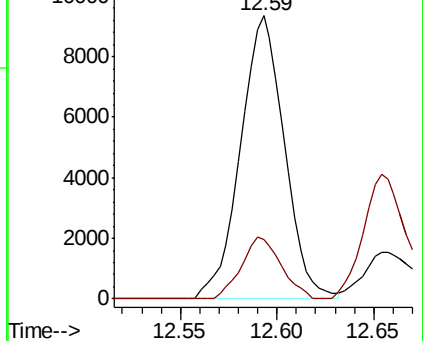
91 100

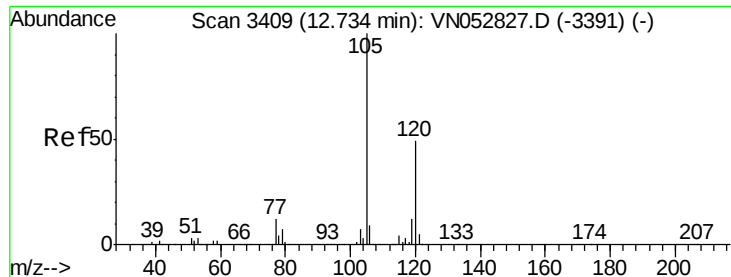
120 19.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.510 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

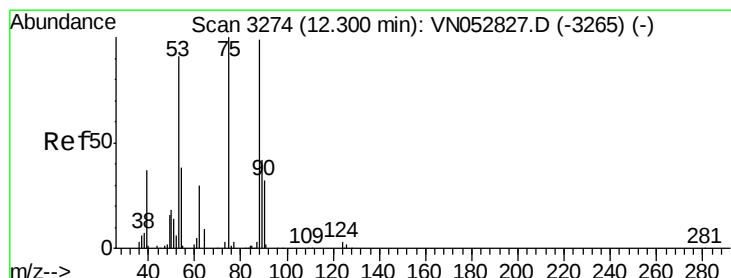
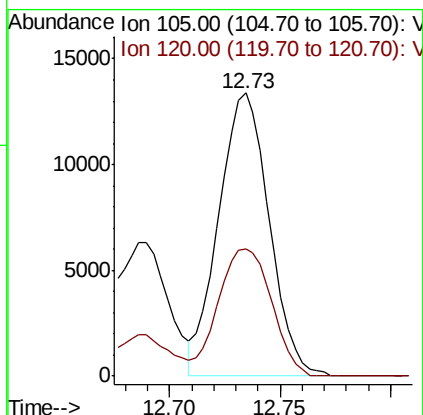
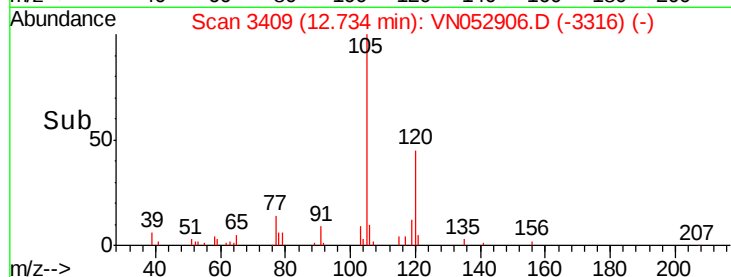
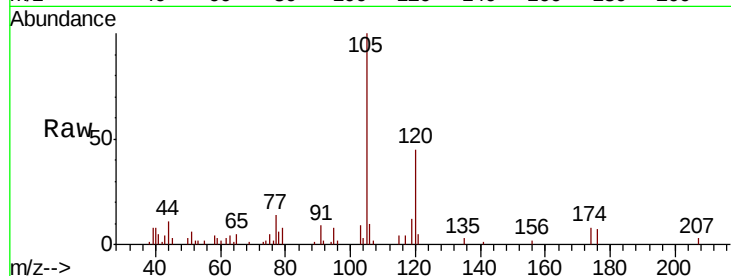
ClientSampleId :

Tot Ion:105 Resp: 21224

Ion Ratio Lower Upper

105 100

120 47.5 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 119.983 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

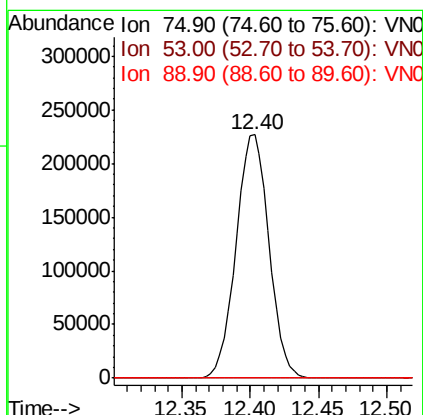
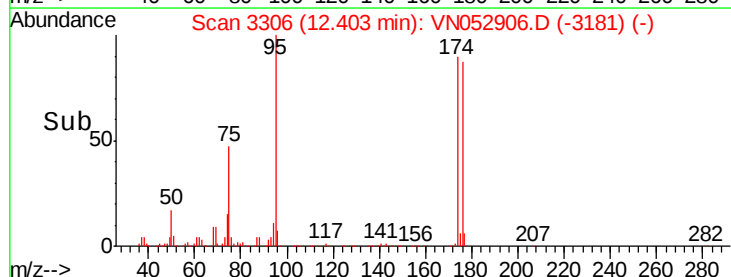
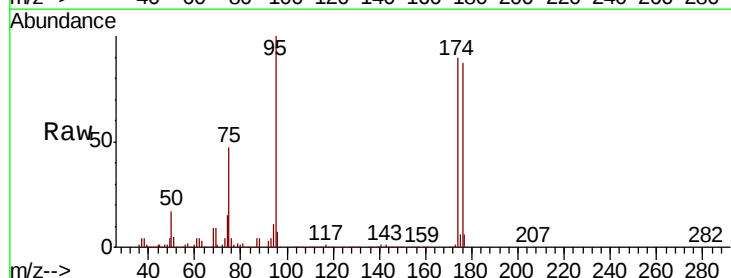
Tgt Ion: 75 Resp: 380108

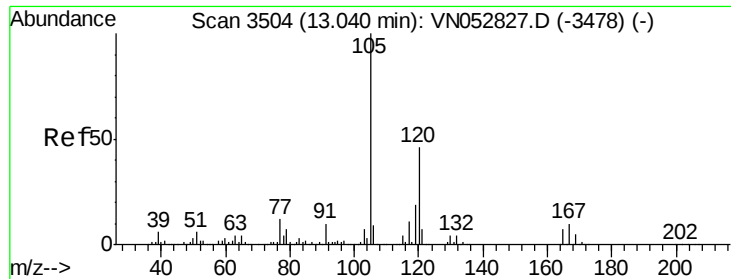
Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#

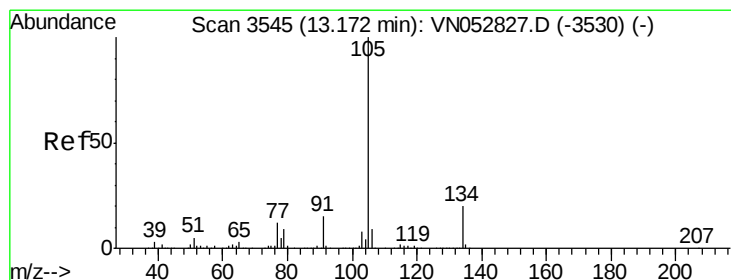
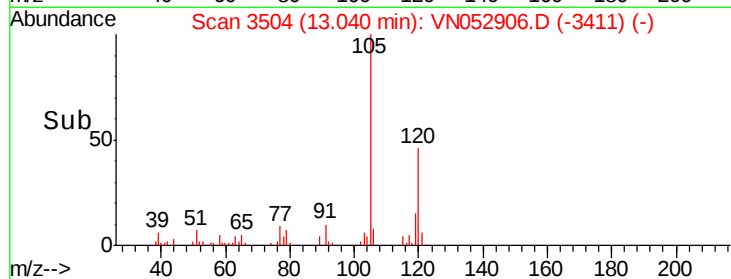
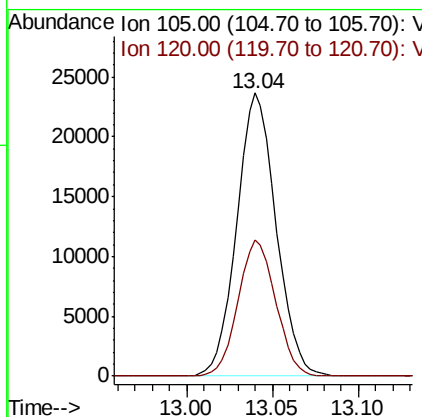
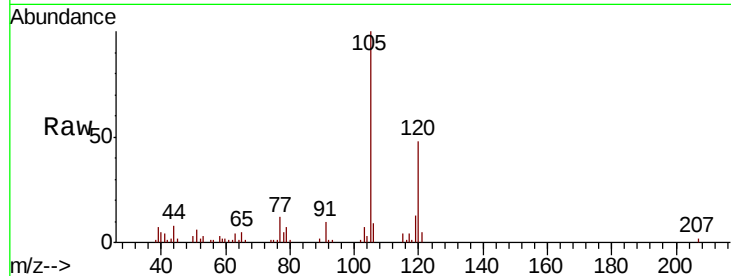




#84
 1,2,4-Trimethylbenzene
 Concen: 0.893 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

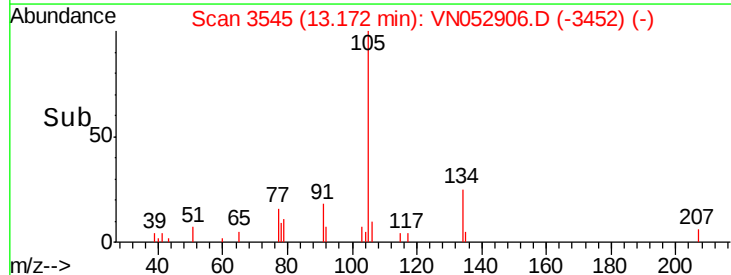
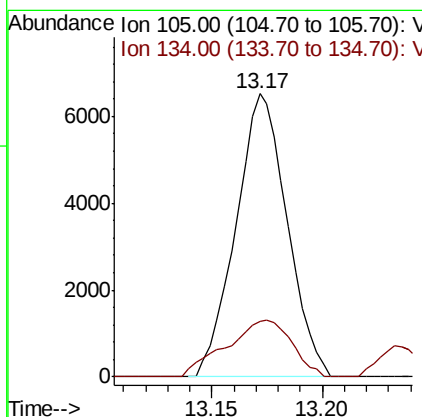
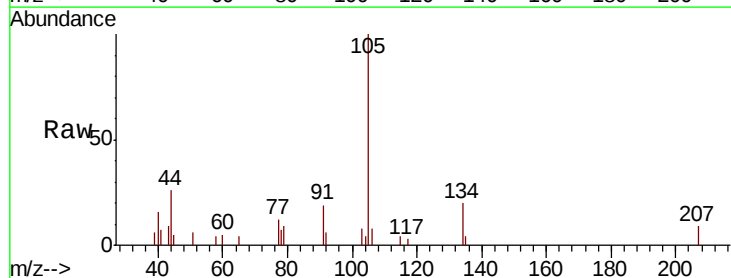
Instrument :
 MSVOA_N
 ClientSampled :

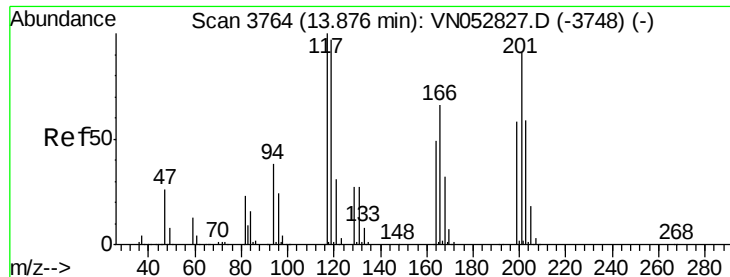
Tot Ion:105 Resp: 37599
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 0.211 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

Tgt Ion:105 Resp: 10473
 Ion Ratio Lower Upper
 105 100
 134 25.6 10.1 30.3





#90

Hexachloroethane

Concen: 0.672 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

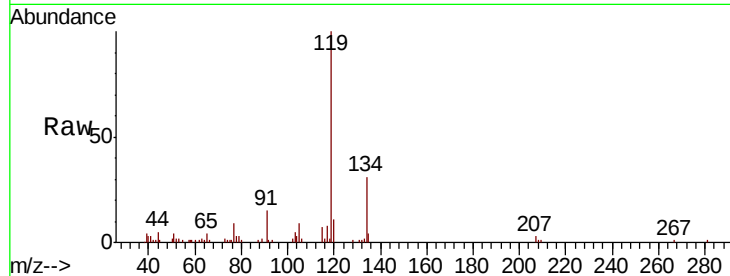
ClientSampleId :

Tot Ion:117 Resp: 4839

Ion Ratio Lower Upper

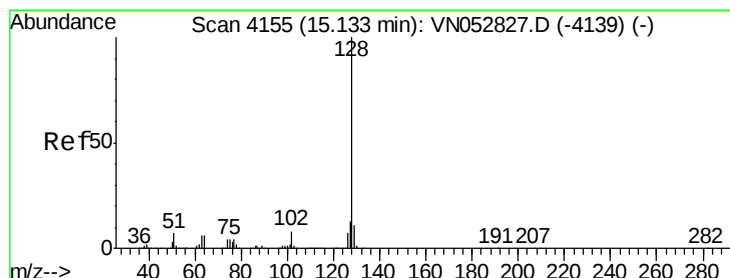
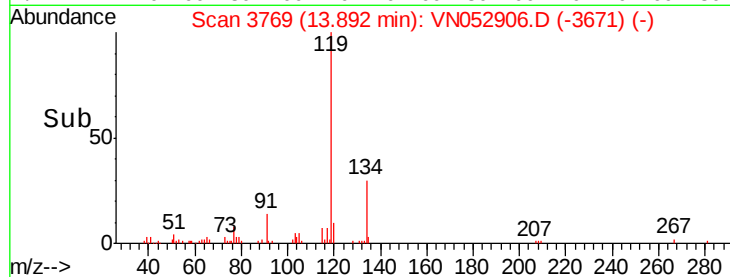
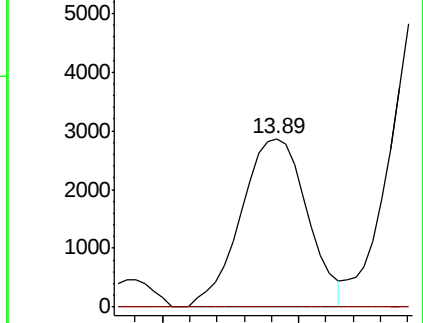
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 11.697 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

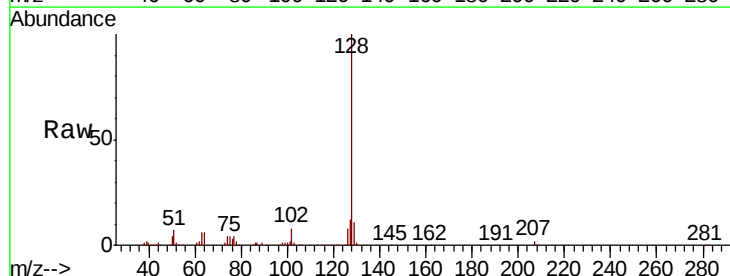
Tgt Ion:128 Resp: 294883

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.7 8.6 13.0



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

