

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054004.D
 Acq On : 28 Feb 2019 15:13
 Operator : JC/SP
 Sample : K1349-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 01 03:56:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

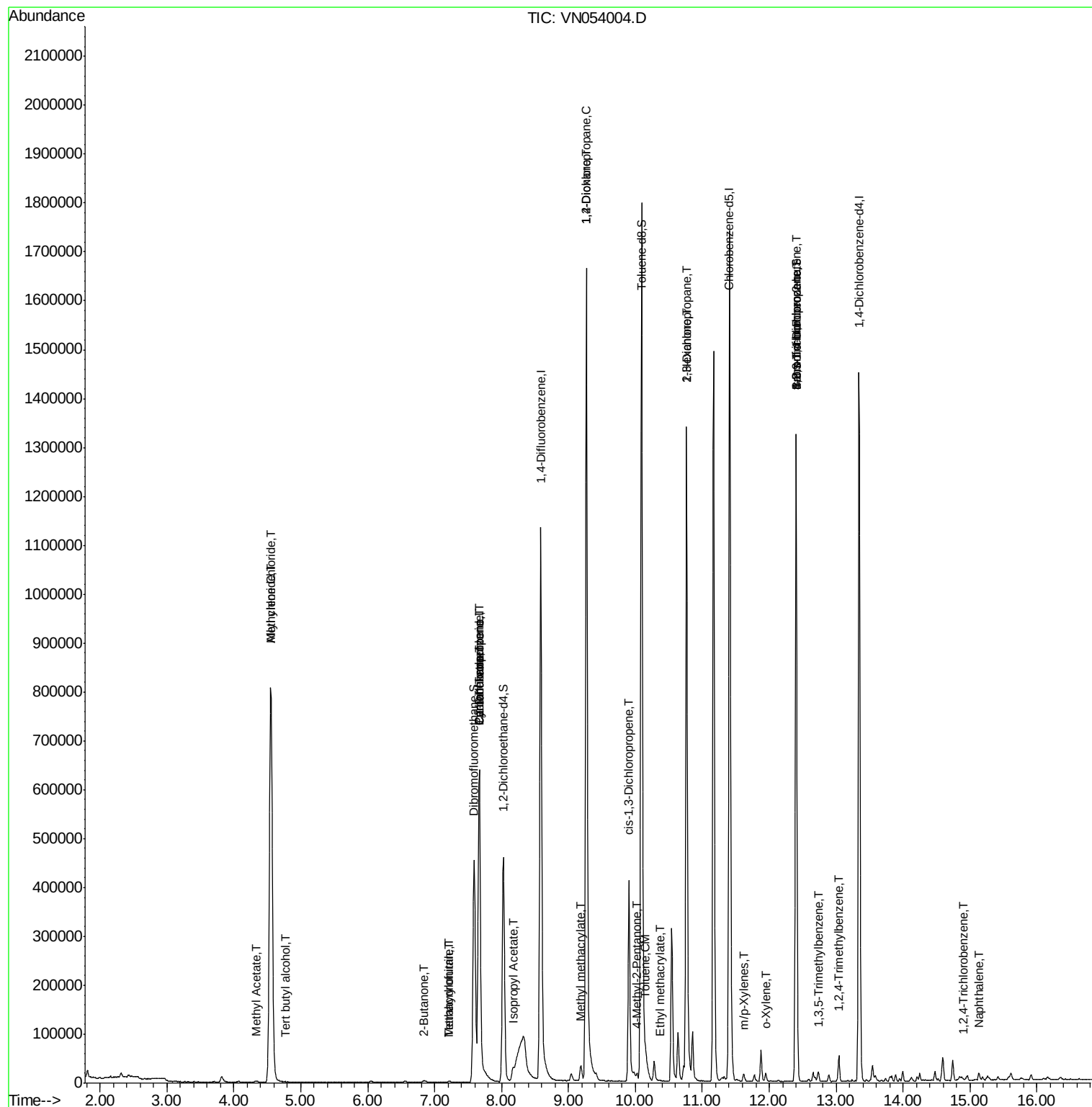
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	580588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1102466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1075577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	392521	57.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.34%	
35) Dibromofluoromethane	7.59	113	355178	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	10.09	98	1398055	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.40	95	461710	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
Target Compounds				Qvalue		
11) Tert butyl alcohol	4.79	59	494	1.145	ug/l #	73
14) Allyl chloride	4.55	41	25309	2.518	ug/l #	27
16) Acetone	3.82	43	20854	Below Cal		90
18) Methyl Acetate	4.33	43	3116	0.655	ug/l #	84
20) Methylene Chloride	4.55	84	616329	91.499	ug/l	89
25) 2-Butanone	6.84	43	6531	2.444	ug/l #	88
29) Tetrahydrofuran	7.22	42	1375	0.773	ug/l #	83
31) Cyclohexane	7.66	56	10846	0.592	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	42630	4.158	ug/l #	42
38) Carbon Tetrachloride	7.66	117	51488	4.829	ug/l #	16
41) Methacrylonitrile	7.22	41	1053	0.223	ug/l #	100
43) Isopropyl Acetate	8.17	43	38804	3.139	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1959	0.231	ug/l #	44
48) Methyl methacrylate	9.18	41	12810	2.253	ug/l #	23
49) 1,4-Dioxane	9.27	88	220	2.857	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	11519	1.814	ug/l #	34
52) Toluene	10.16	92	7701	0.415	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	79746	6.687	ug/l #	68
56) Ethyl methacrylate	10.37	69	110	1.967	ug/l #	29
57) 1,3-Dichloropropane	10.76	76	14729	1.259	ug/l #	43
59) 2-Hexanone	10.76	43	211909	51.298	ug/l #	48
68) m/p-Xylenes	11.62	106	5118	0.356	ug/l	99
69) o-Xylene	11.95	106	3859	0.273	ug/l	89
71) Bromoform	12.40	173	3406	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	230057	35.432	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9696	0.376	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	230057	111.988	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	30207	1.173	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	30	2.226	ug/l #	1
95) Naphthalene	15.13	128	13509	4.001	ug/l	97

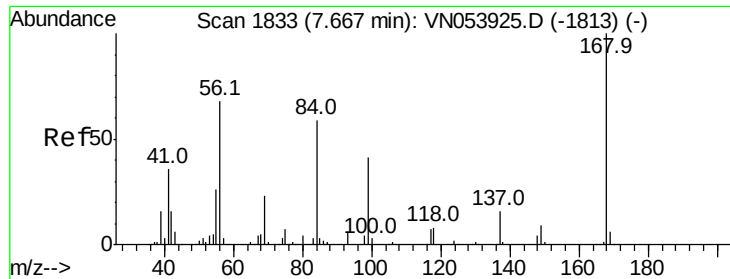
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

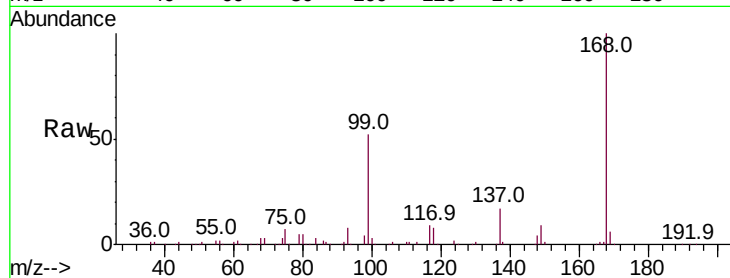
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 580588

Ion Ratio Lower Upper

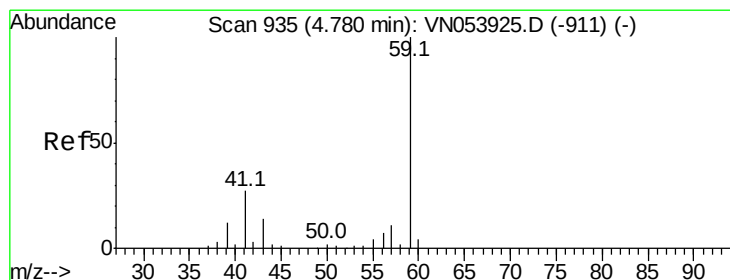
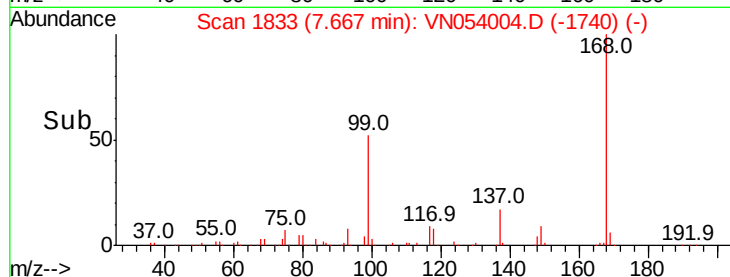
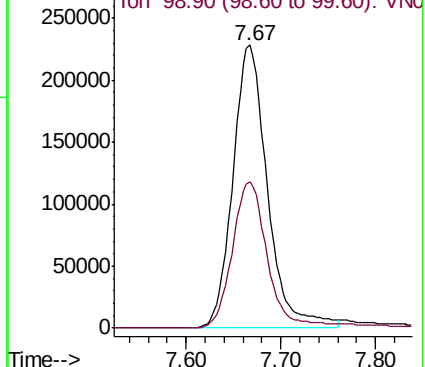
168 100

99 51.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 1.145 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN054004.D

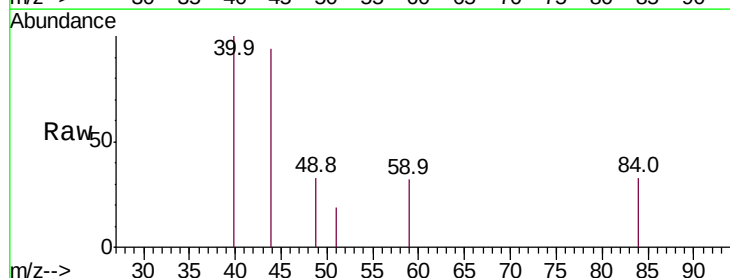
Acq: 28 Feb 2019 15:13

Tgt Ion: 59 Resp: 494

Ion Ratio Lower Upper

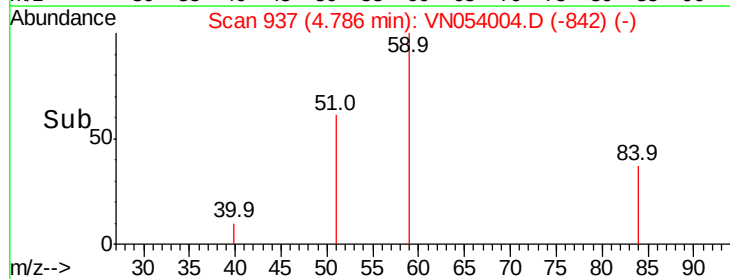
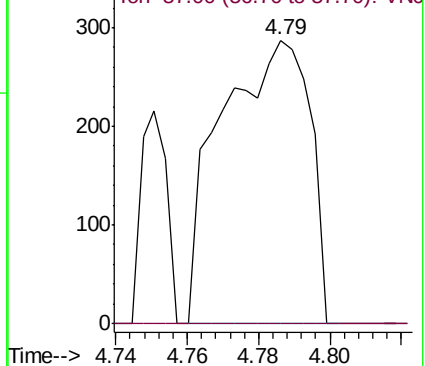
59 100

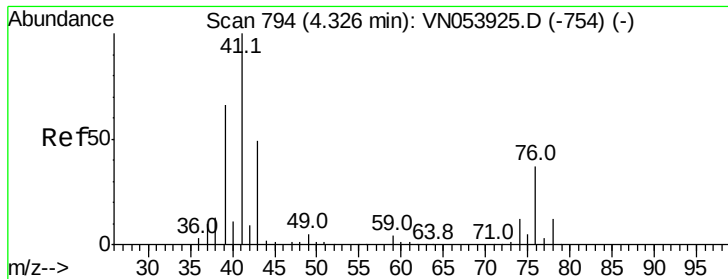
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#14

Allvl chloride

Concen: 2.518 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.22 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampled :

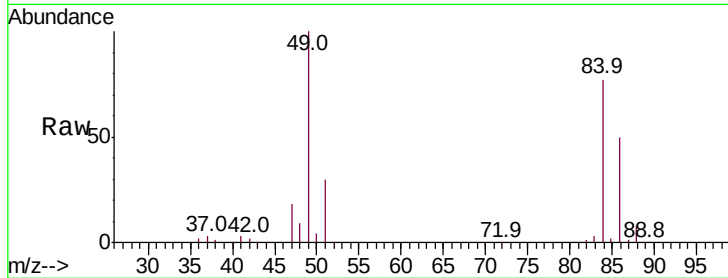
Tot Ion: 41 Resp: 25309

Ion Ratio Lower Upper

41 100

39 0.4 48.8 73.2#

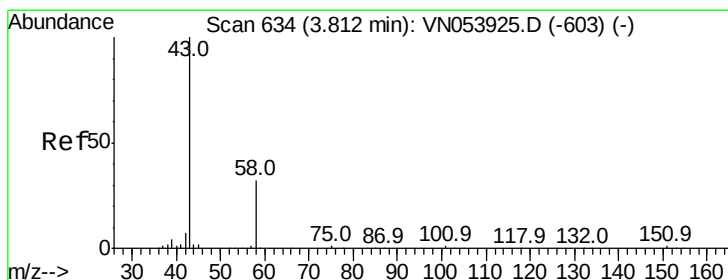
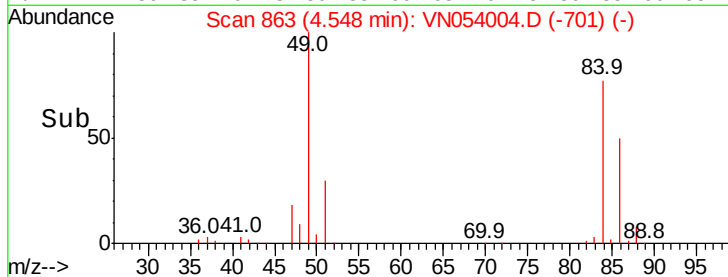
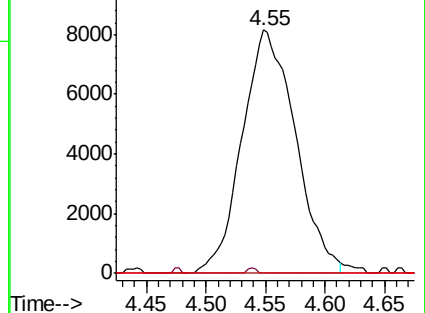
76 0.0 30.9 46.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN054004.D

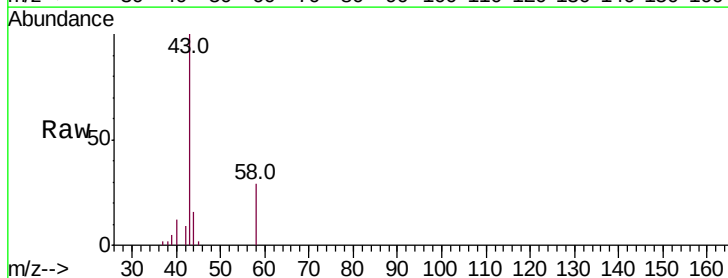
Acq: 28 Feb 2019 15:13

Tgt Ion: 43 Resp: 20854

Ion Ratio Lower Upper

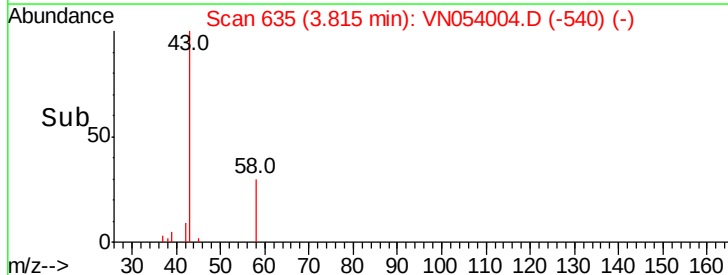
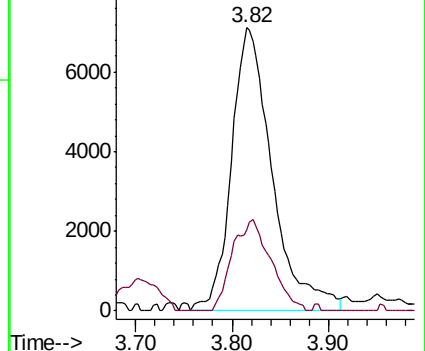
43 100

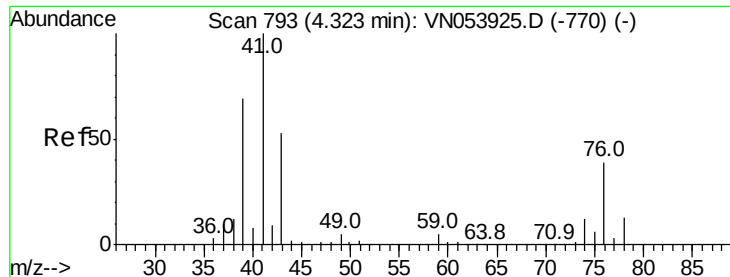
58 28.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

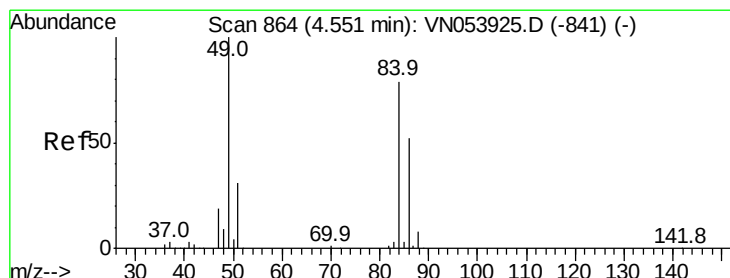
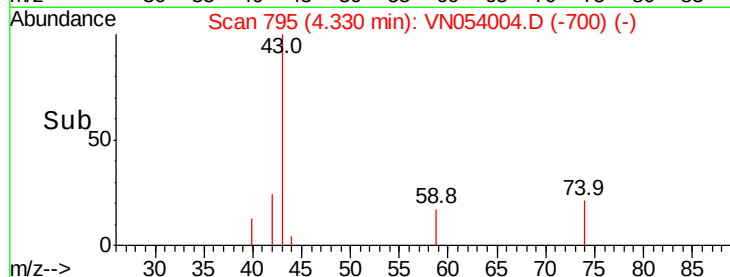
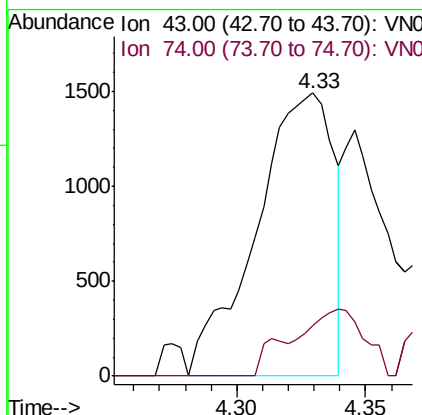
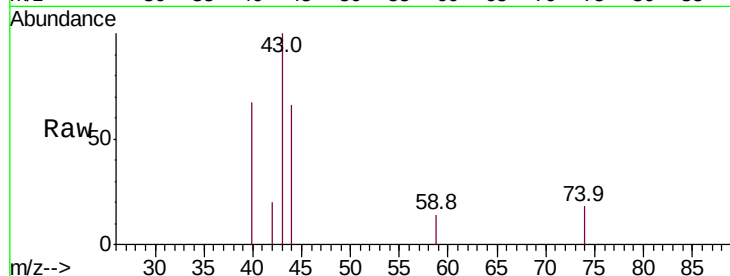




#18
Methyl Acetate
Concen: 0.655 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN054004.D
Acq: 28 Feb 2019 15:13

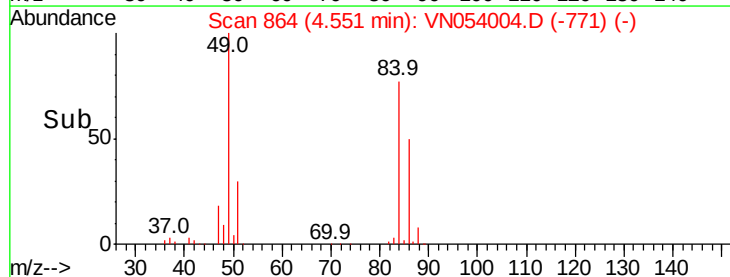
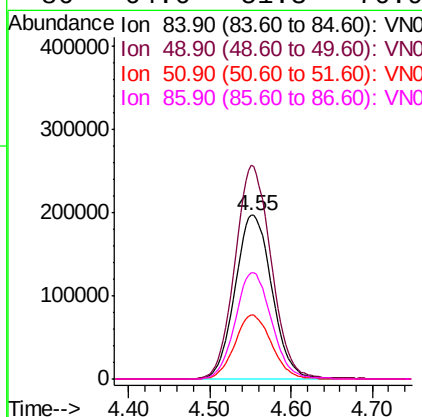
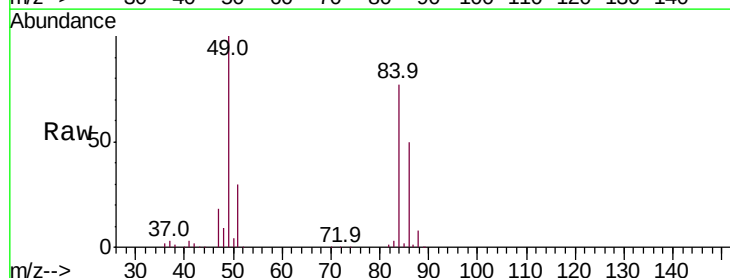
Instrument :
MSVOA_N
ClientSampled :

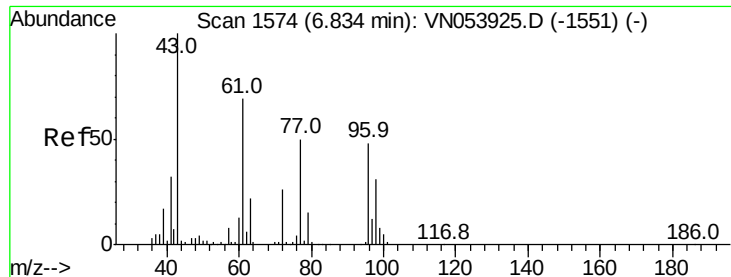
Tot Ion: 43 Resp: 3116
Ion Ratio Lower Upper
43 100
74 17.6 20.5 30.7#



#20
Methylene Chloride
Concen: 91.499 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054004.D
Acq: 28 Feb 2019 15:13

Tgt Ion: 84 Resp: 616329
Ion Ratio Lower Upper
84 100
49 130.4 89.7 134.5
51 39.1 27.8 41.8
86 64.6 51.3 76.9





#25

2-Butanone

Concen: 2.444 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

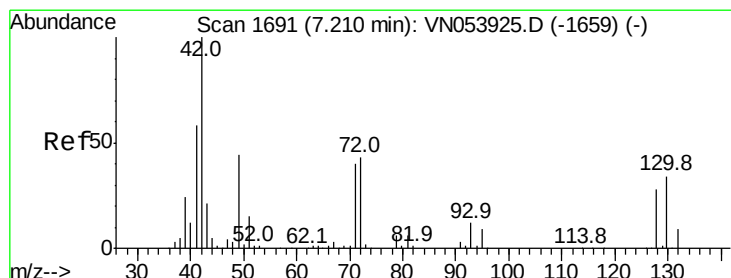
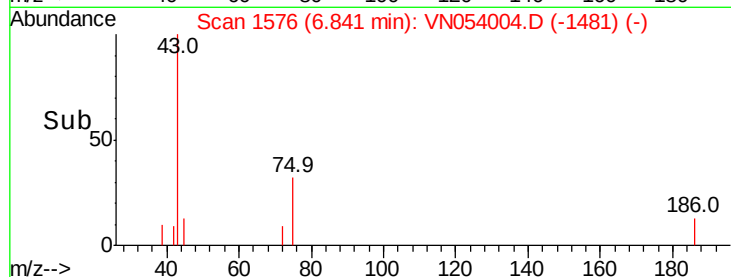
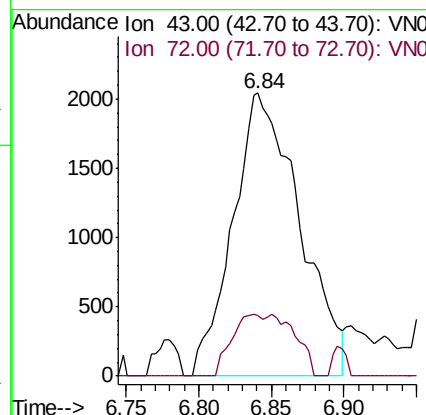
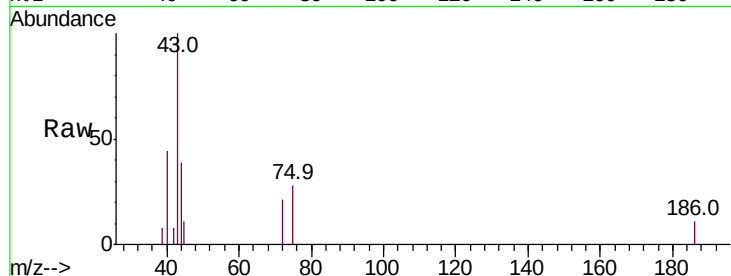
ClientSampled :

Tot Ion: 43 Resp: 6531

Ion Ratio Lower Upper

43 100

72 21.3 22.1 33.1#



#29

Tetrahydrofuran

Concen: 0.773 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

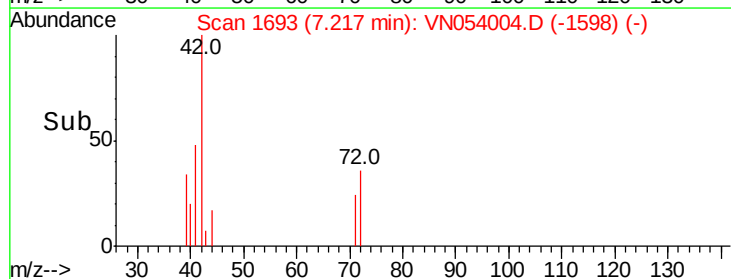
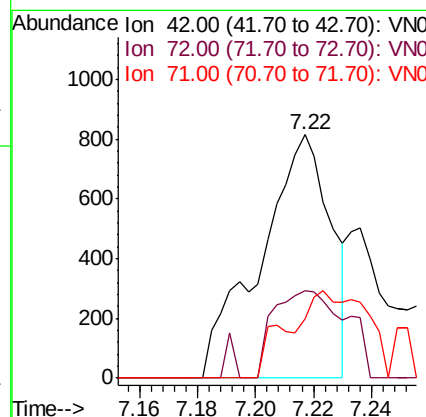
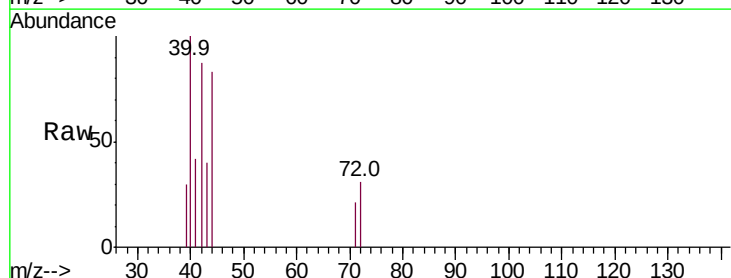
Tgt Ion: 42 Resp: 1375

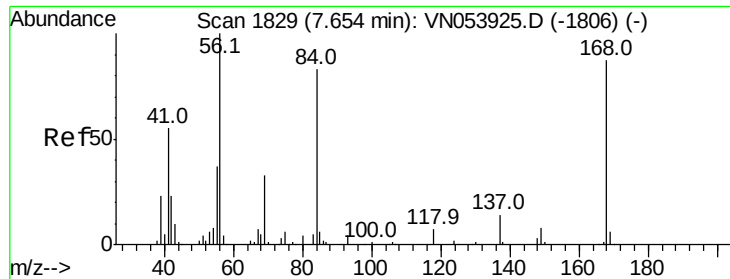
Ion Ratio Lower Upper

42 100

72 36.9 36.9 55.3

71 30.2 34.6 52.0#





#31

Cyclohexane

Concen: 0.592 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :
MSVOA_N
ClientSampled :

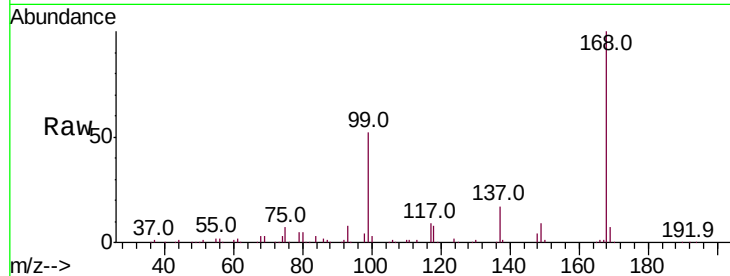
Tot Ion: 56 Resp: 10846

Ion Ratio Lower Upper

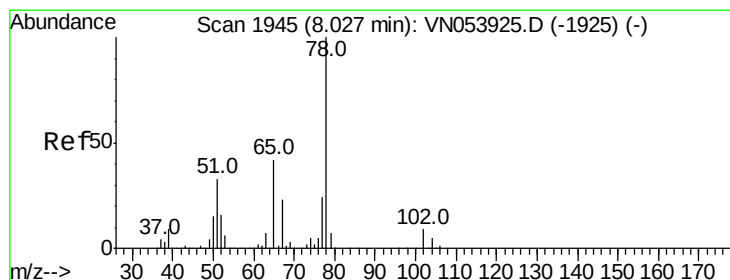
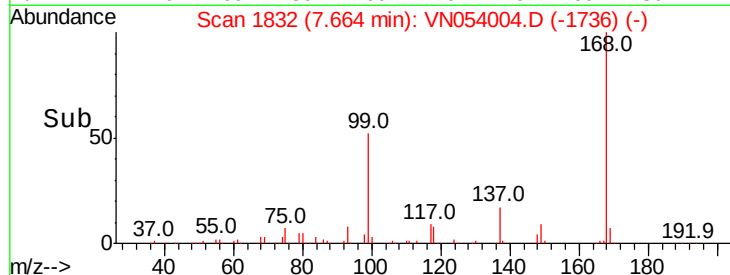
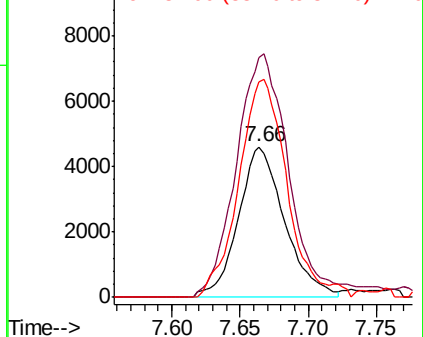
56 100

69 159.7 26.0 39.0#

84 143.2 69.1 103.7#



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: 57.675 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054004.D

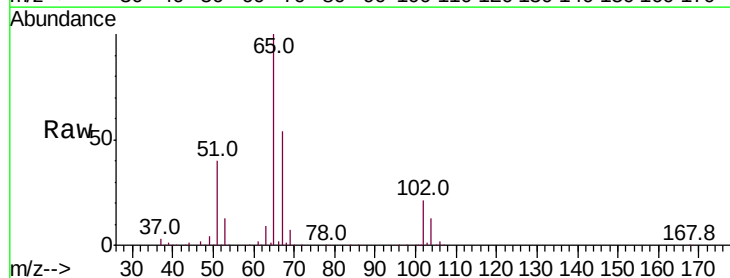
Acq: 28 Feb 2019 15:13

Tgt Ion: 65 Resp: 392521

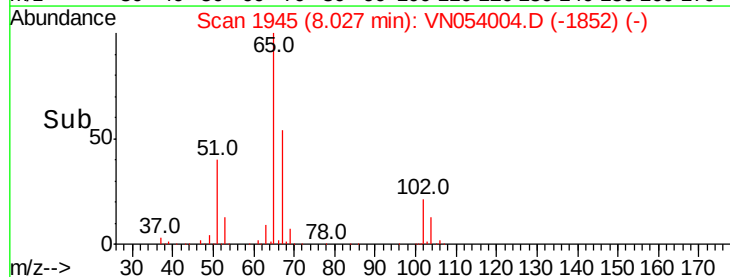
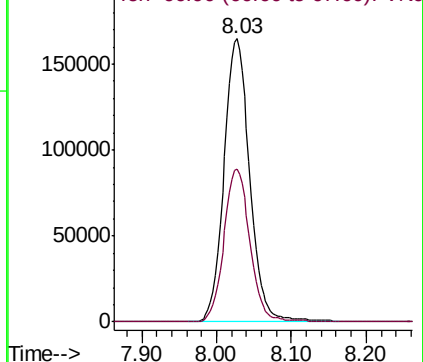
Ion Ratio Lower Upper

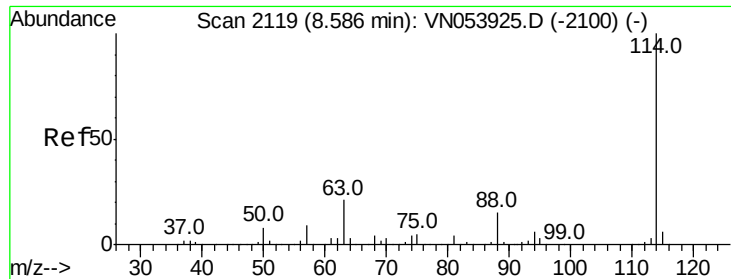
65 100

67 54.6 0.0 111.8



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: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

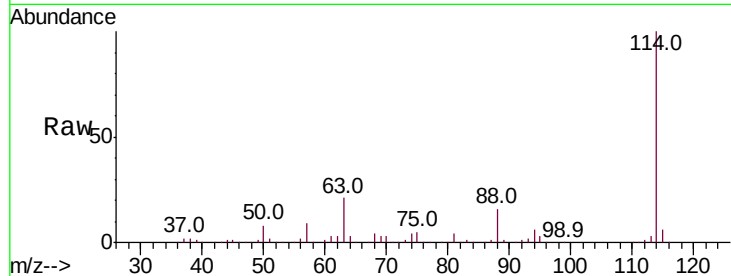
Tot Ion:114 Resp: 1102466

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

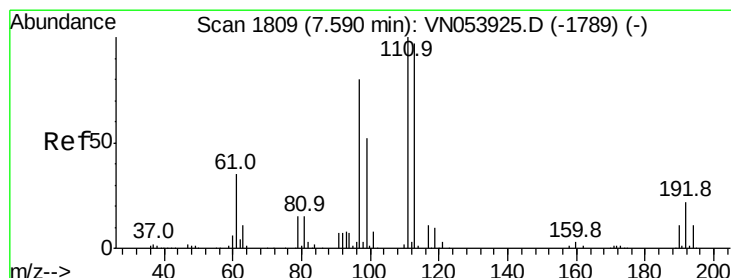
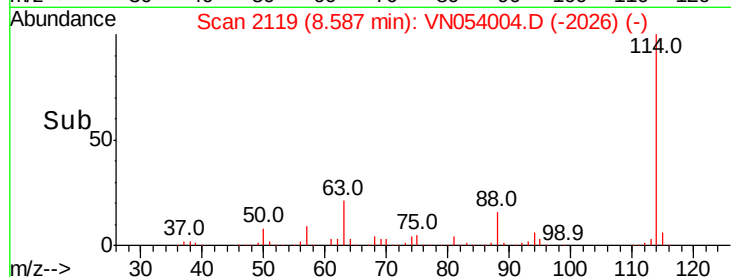
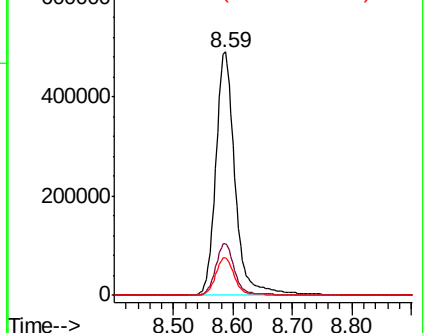
88 15.7 0.0 30.4



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: 49.820 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

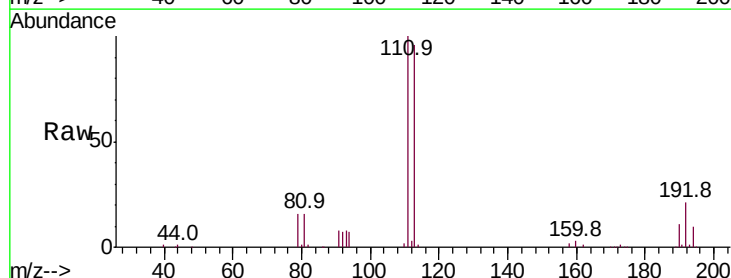
Tgt Ion:113 Resp: 355178

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

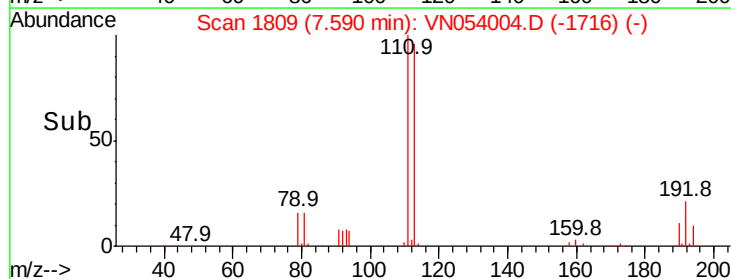
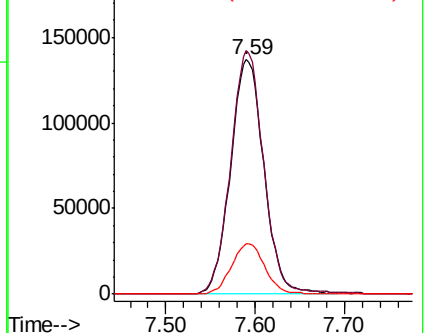
192 21.6 18.8 28.2

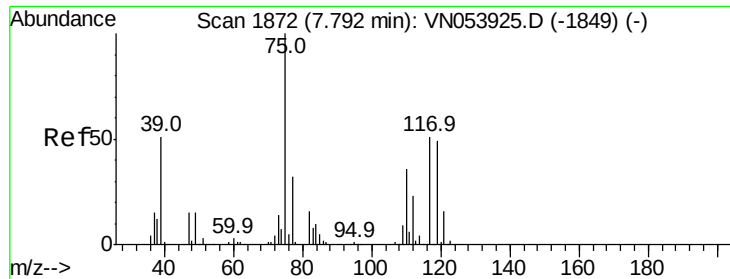


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

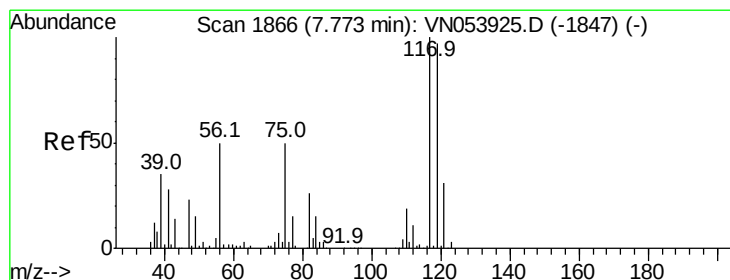
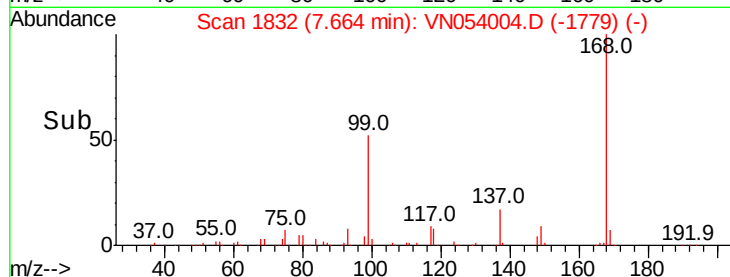
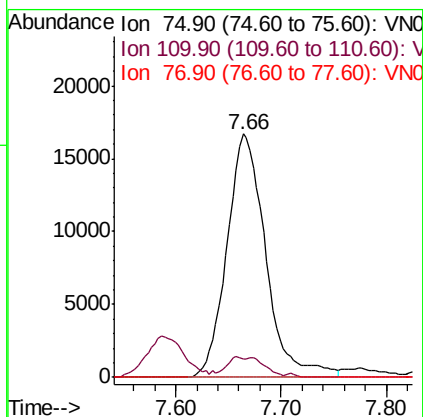
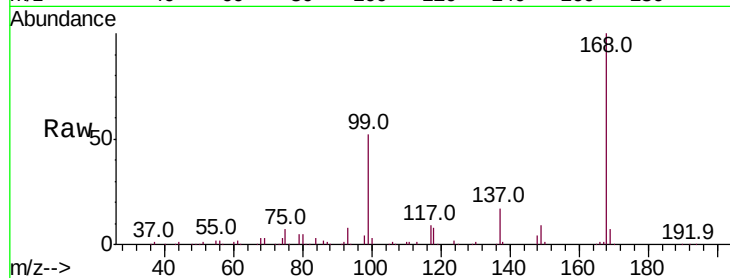




#36
 1,1-Dichloropropene
 Concen: 4.158 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

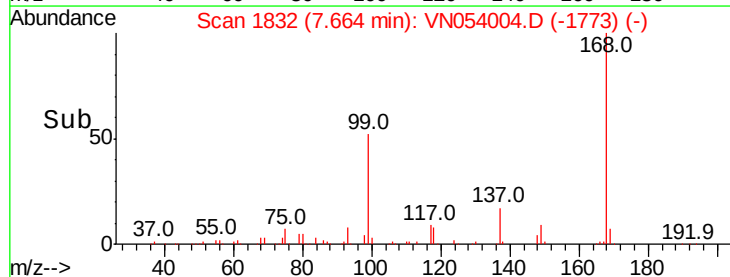
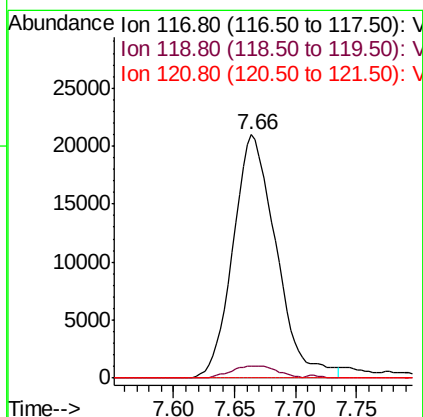
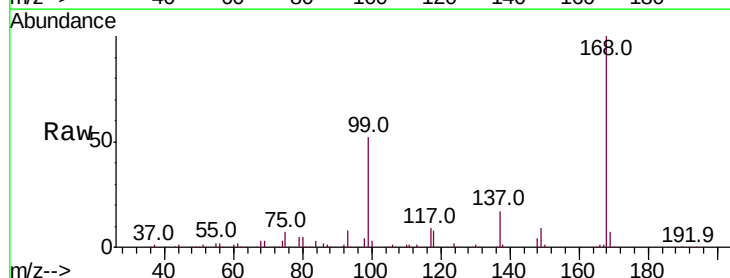
Instrument :
 MSVOA_N
 ClientSampled :

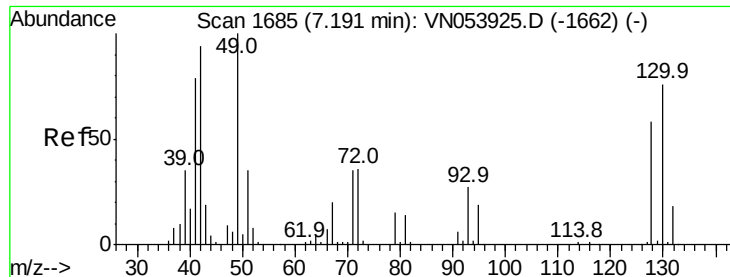
Tot Ion	Ratio	Lower	Upper
75	100		
110	2.4	19.0	57.0#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 4.829 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	24.6	36.8#





#41

Methacrylonitrile

Concen: 0.223 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.03 min

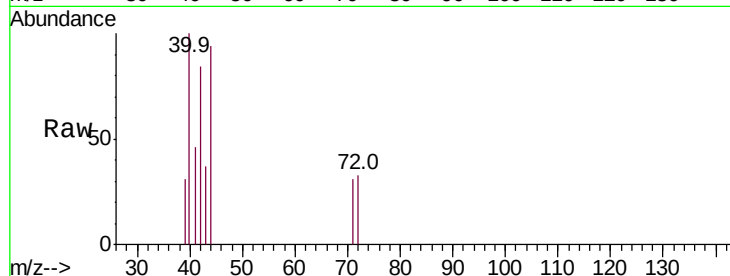
Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

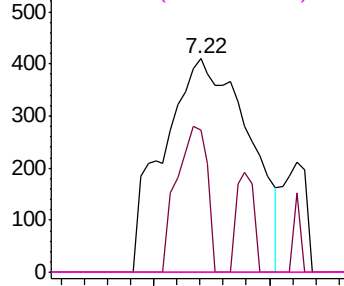
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 1053

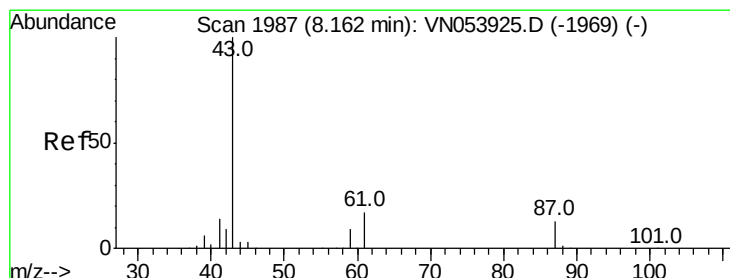
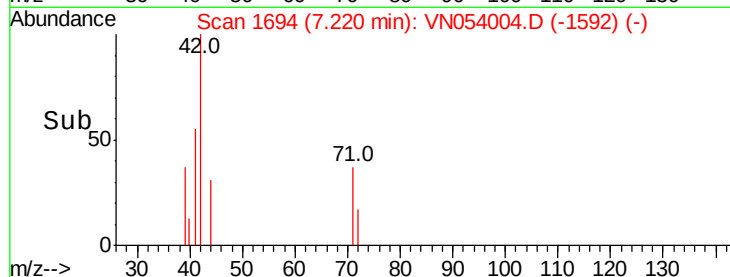
Ion	Ratio	Lower	Upper
41	100		
39	24.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO



Time-->



#43

Isopropyl Acetate

Concen: 3.139 ug/l

RT: 8.17 min Scan# 1989

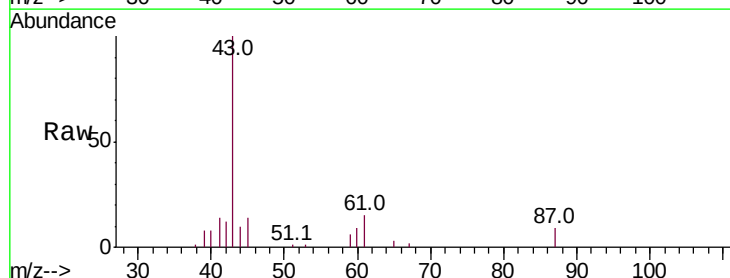
Delta R.T. 0.01 min

Lab File: VN054004.D

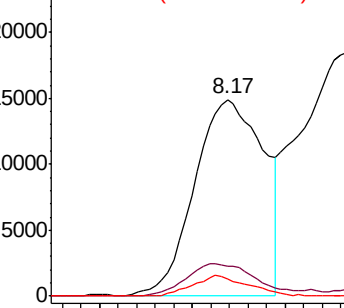
Acq: 28 Feb 2019 15:13

Tgt Ion: 43 Resp: 38804

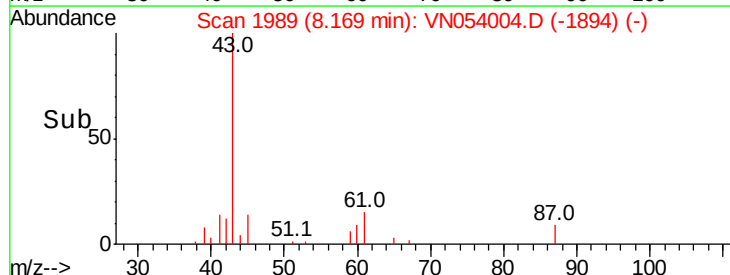
Ion	Ratio	Lower	Upper
43	100		
61	16.5	17.4	26.0#
87	8.4	11.5	17.3#

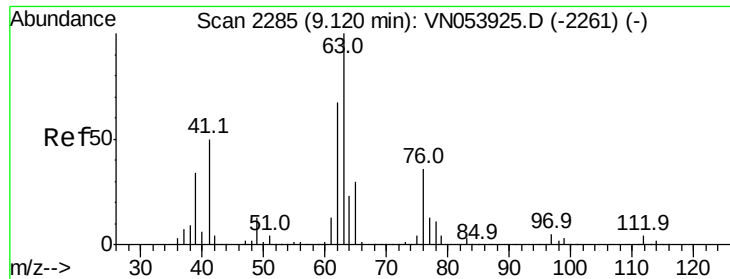


Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



Time-->

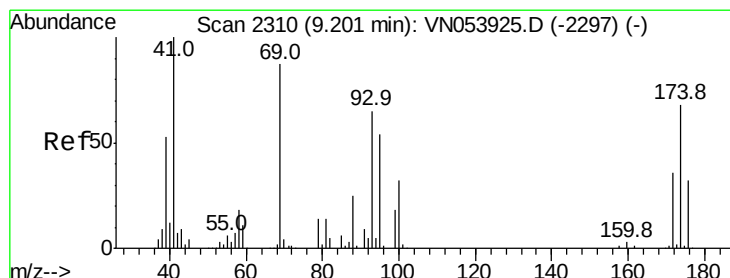
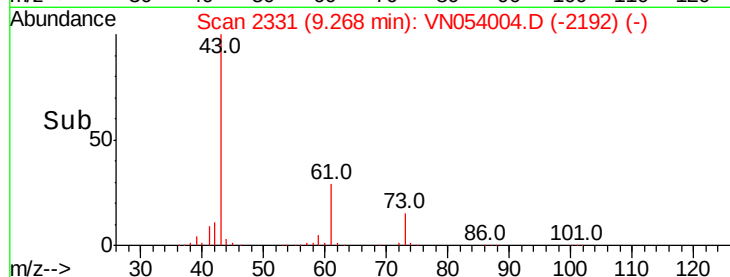
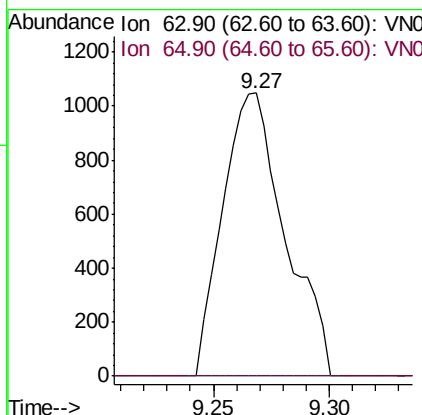
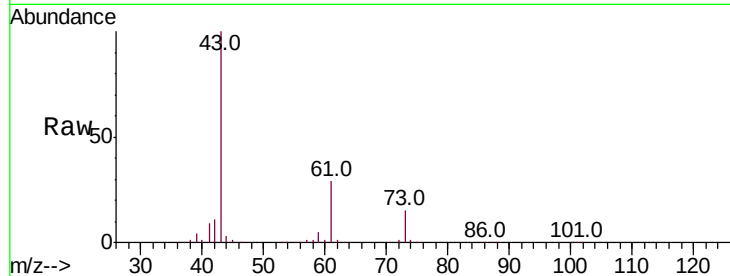




#45
 1,2-Dichloropropane
 Concen: 0.231 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

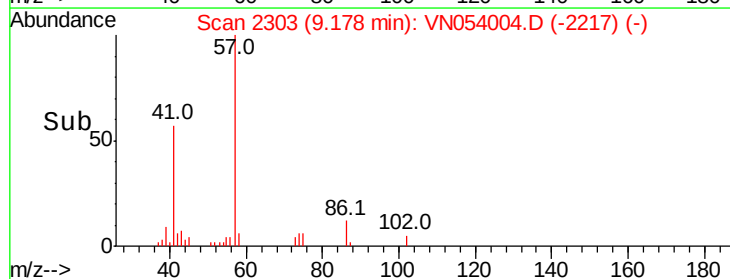
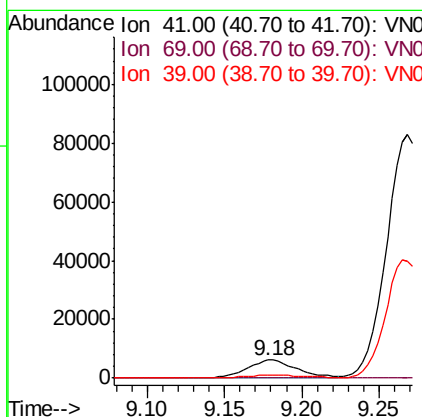
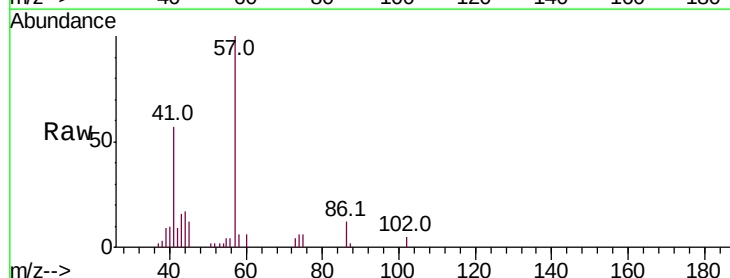
Instrument :
 MSVOA_N
 ClientSampleId :

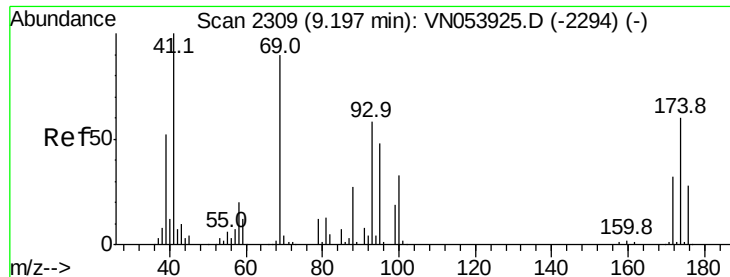
Tot Ion: 63 Resp: 1959
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 2.253 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

Tgt Ion: 41 Resp: 12810
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 21.9 39.0 58.6#





#49

1,4-Dioxane

Concen: 2.857 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :

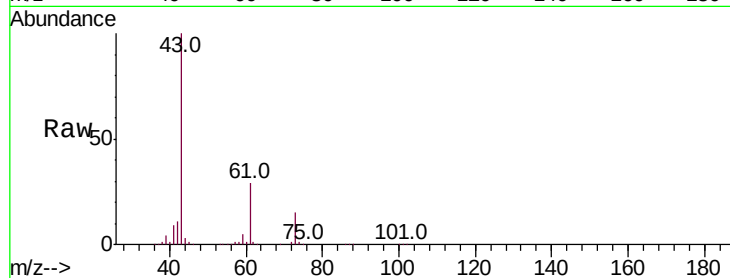
Tot Ion: 88 Resp: 220

Ion Ratio Lower Upper

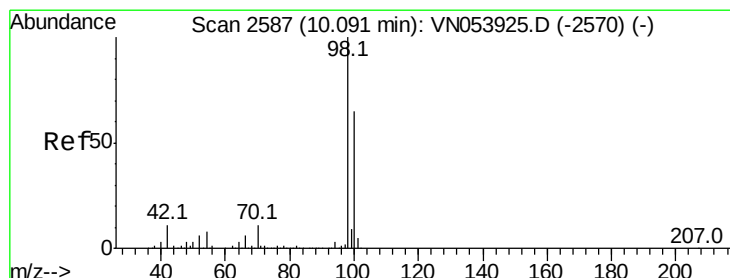
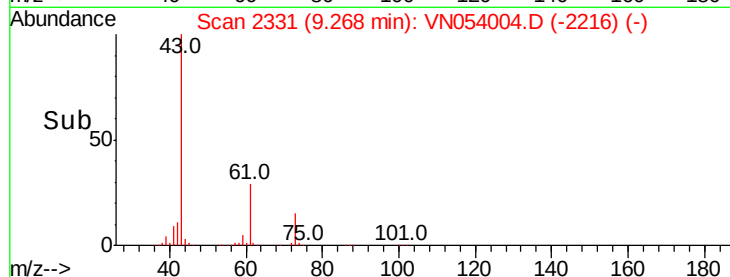
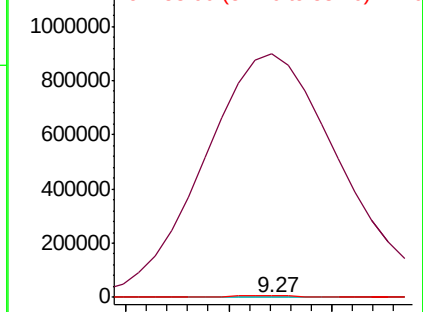
88 100

43 817654.5 21.2 31.8#

58 4207.3 54.2 81.2#



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: 52.680 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054004.D

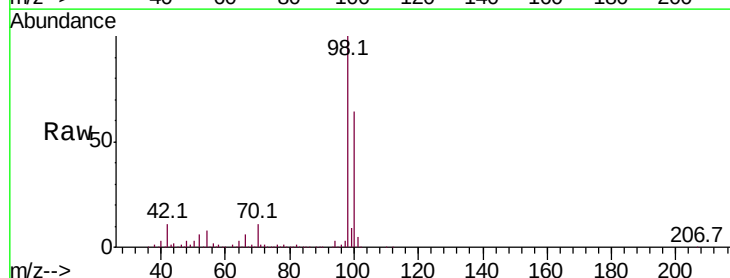
Acq: 28 Feb 2019 15:13

Tgt Ion: 98 Resp: 1398055

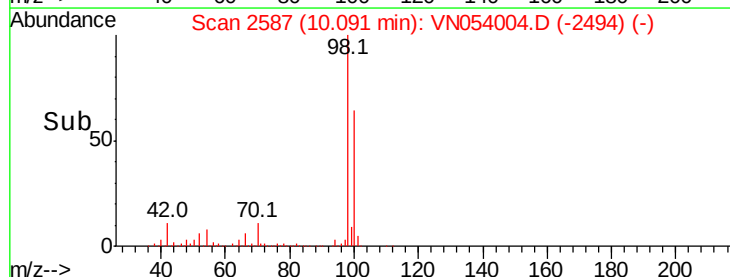
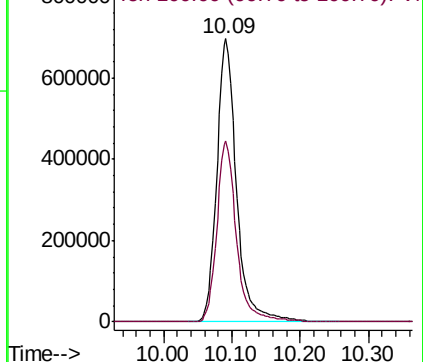
Ion Ratio Lower Upper

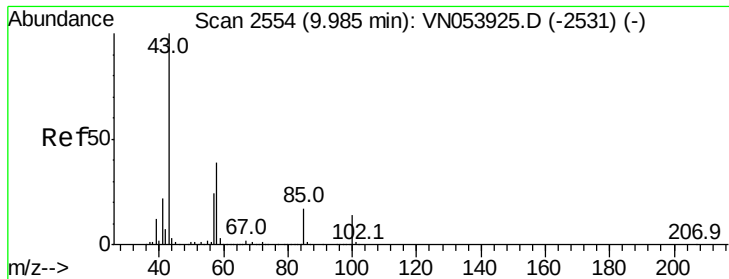
98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.814 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

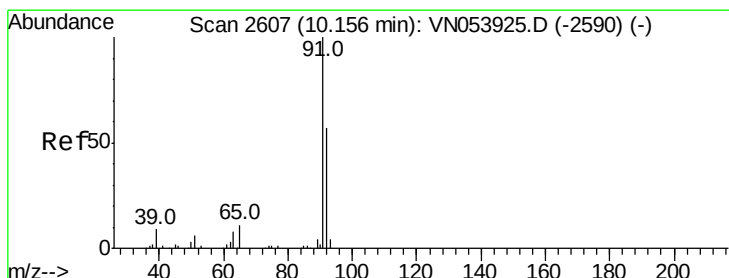
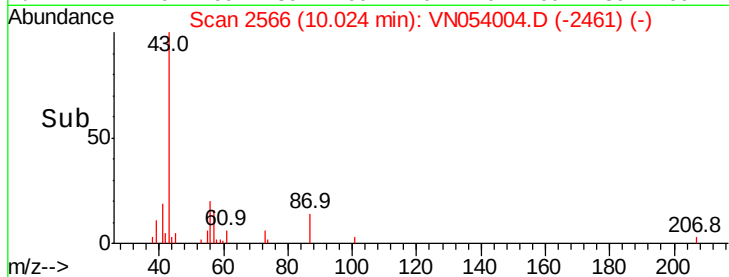
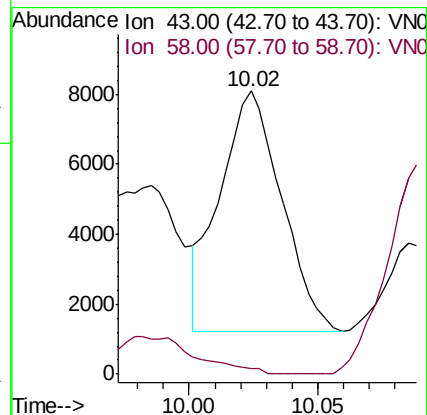
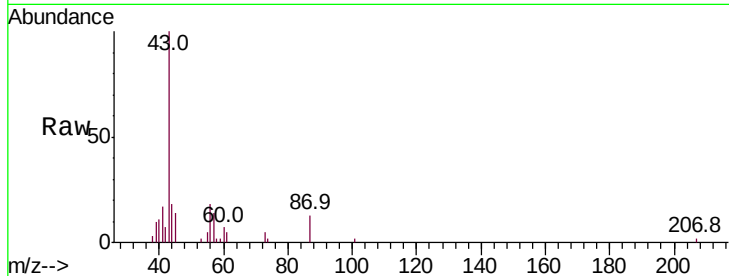
ClientSampled :

Tot Ion: 43 Resp: 11519

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



#52

Toluene

Concen: 0.415 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054004.D

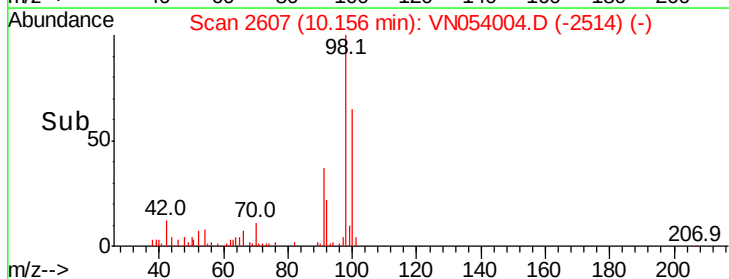
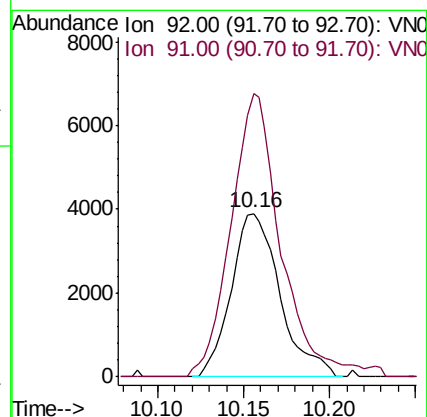
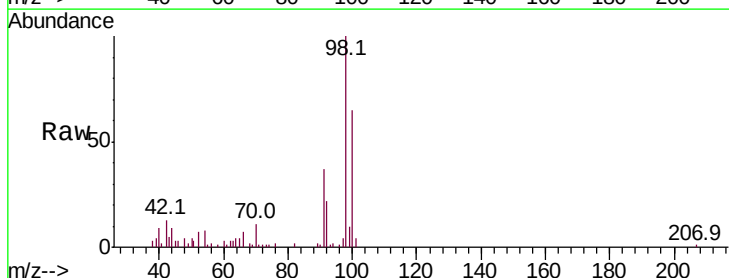
Acq: 28 Feb 2019 15:13

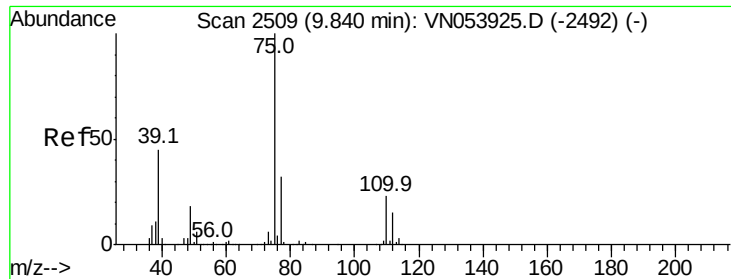
Tgt Ion: 92 Resp: 7701

Ion Ratio Lower Upper

92 100

91 177.0 138.4 207.6





#54

cis-1,3-Dichloropropene

Concen: 6.687 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampled :

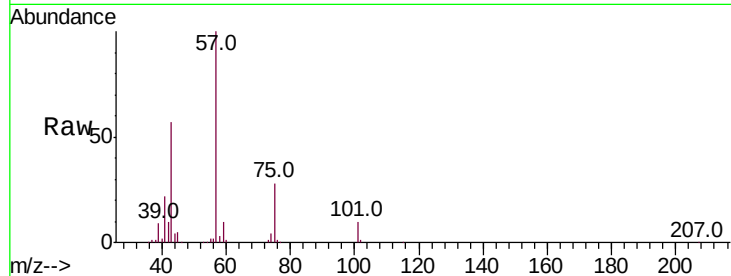
Tot Ion: 75 Resp: 79746

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

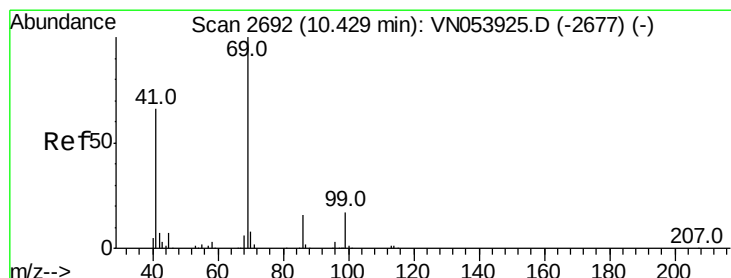
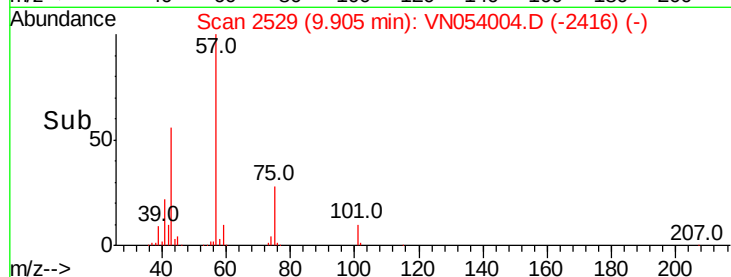
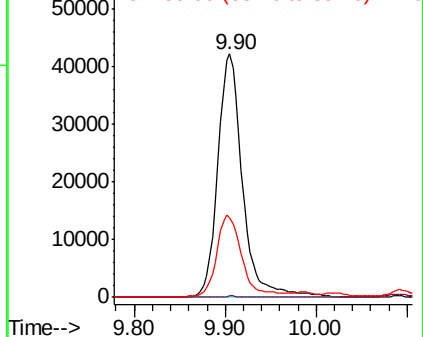
39 32.2 31.4 47.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 1.967 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.05 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

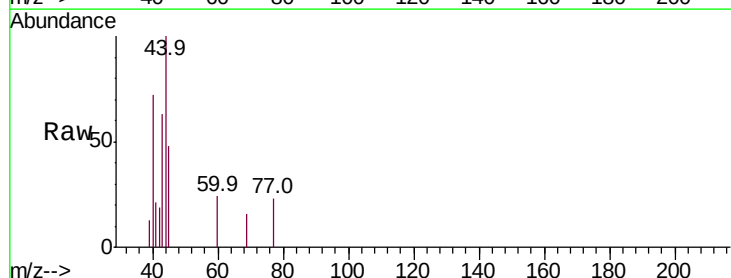
Tgt Ion: 69 Resp: 110

Ion Ratio Lower Upper

69 100

41 0.0 47.5 71.3#

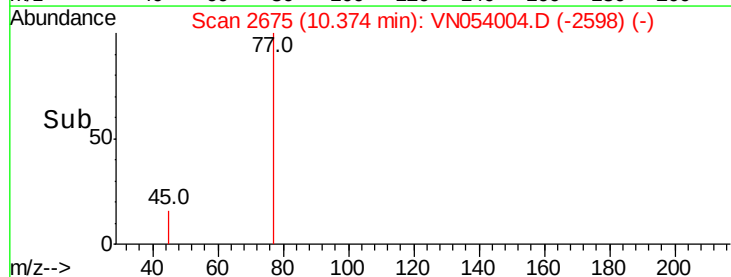
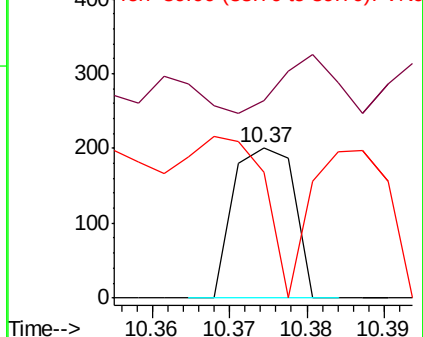
39 0.0 23.4 35.0#

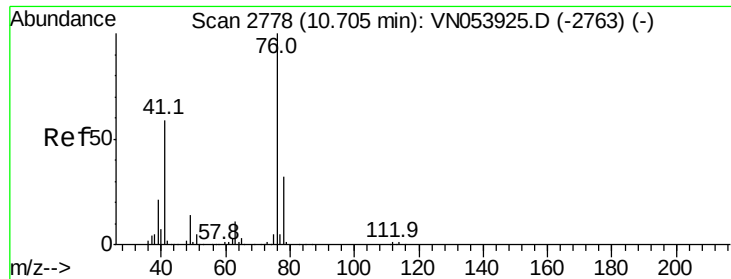


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

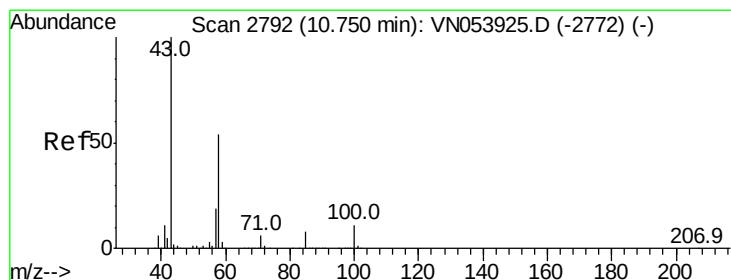
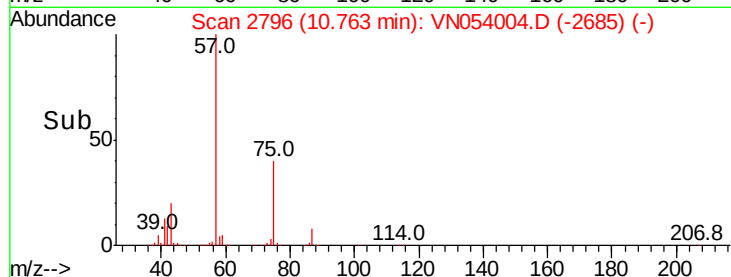
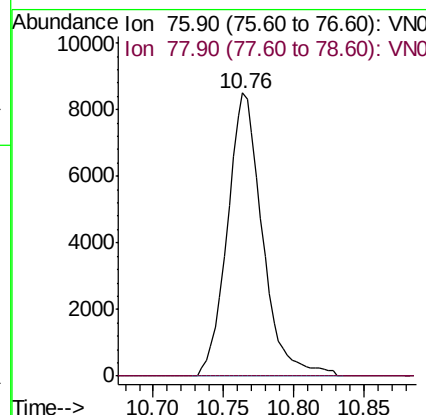
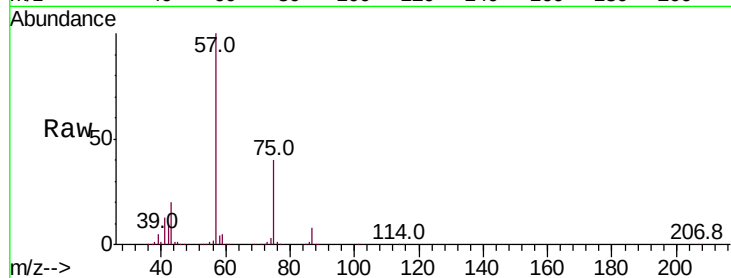




#57
 1,3-Dichloropropane
 Concen: 1.259 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

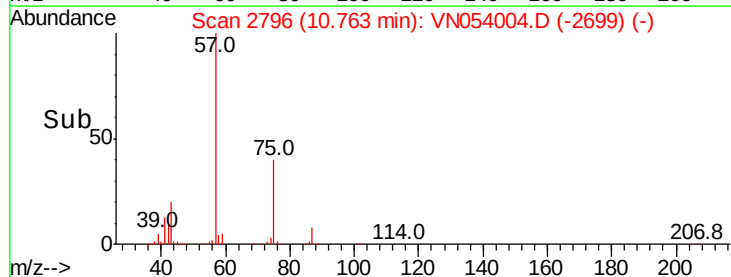
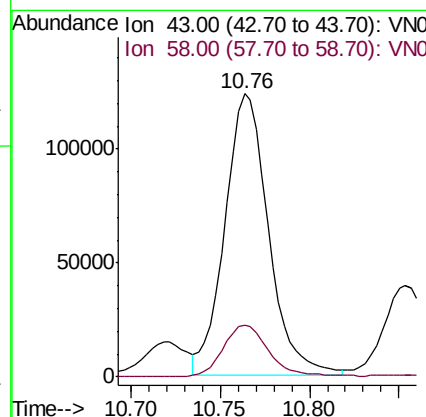
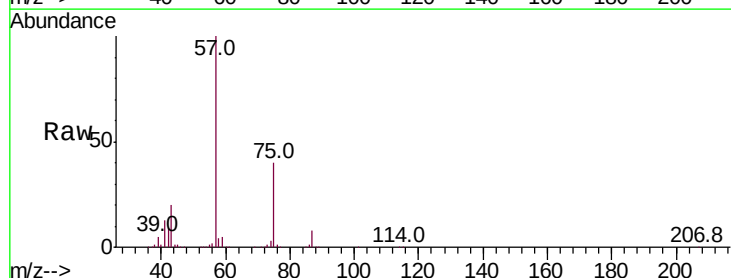
Instrument :
 MSVOA_N
 ClientSampled :

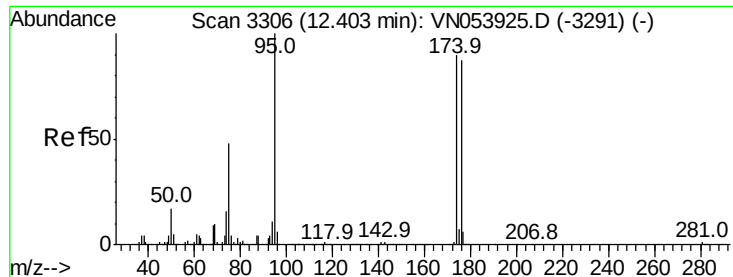
Tot Ion: 76 Resp: 14729
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 51.298 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054004.D
 Acq: 28 Feb 2019 15:13

Tgt Ion: 43 Resp: 211909
 Ion Ratio Lower Upper
 43 100
 58 19.4 29.1 87.4#





#62

4-Bromofluorobenzene

Concen: 52.218 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

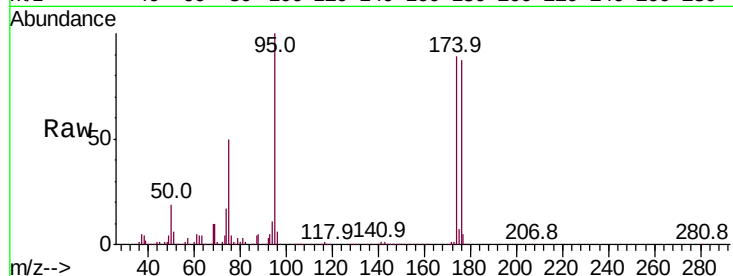
Tot Ion: 95 Resp: 461710

Ion Ratio Lower Upper

95 100

174 88.3 0.0 188.8

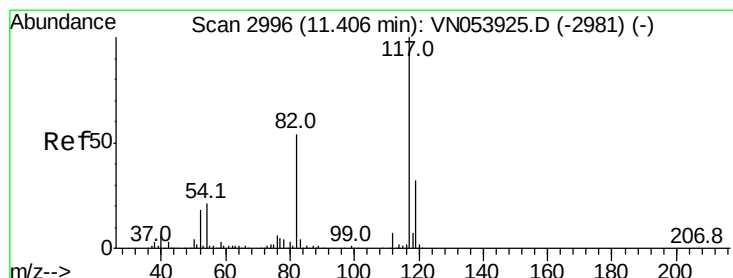
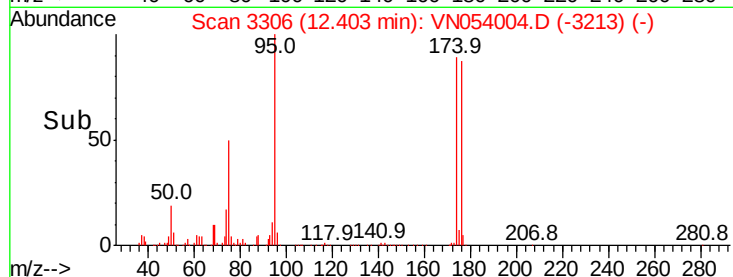
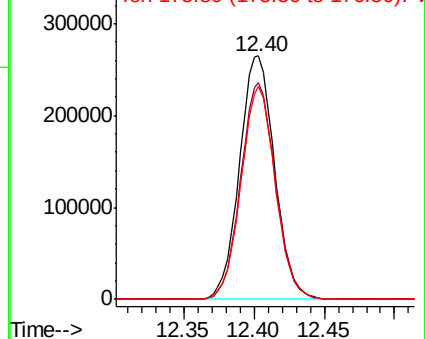
176 85.4 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

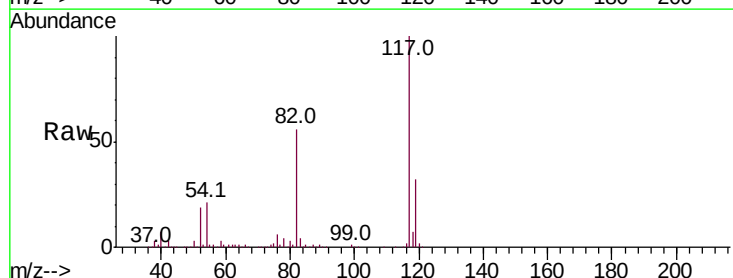
Tgt Ion: 117 Resp: 1075577

Ion Ratio Lower Upper

117 100

82 56.2 41.4 62.2

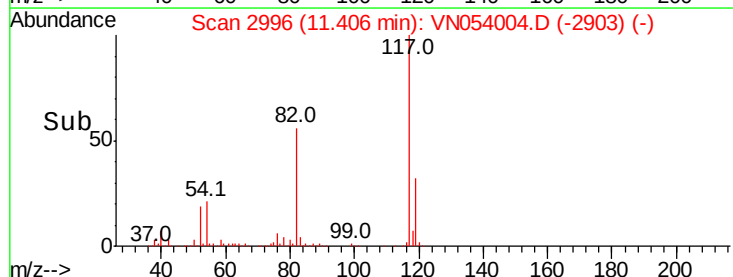
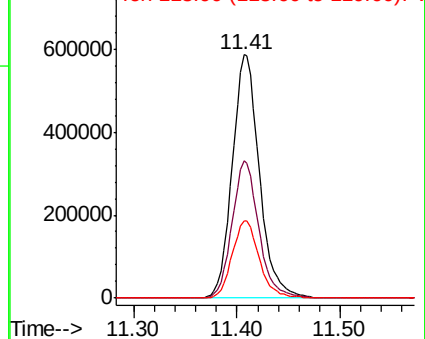
119 31.8 25.3 37.9

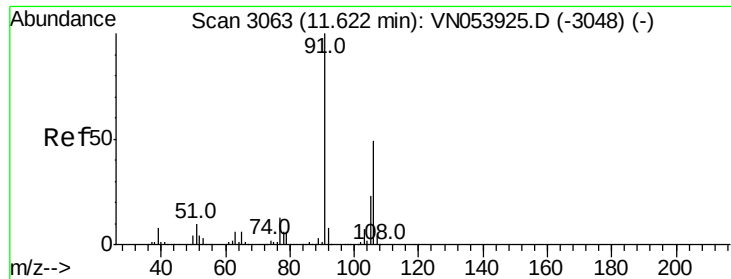


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

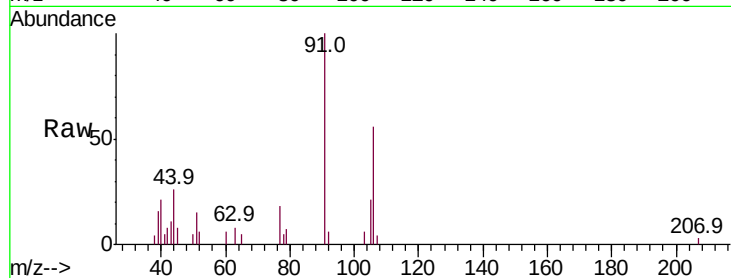




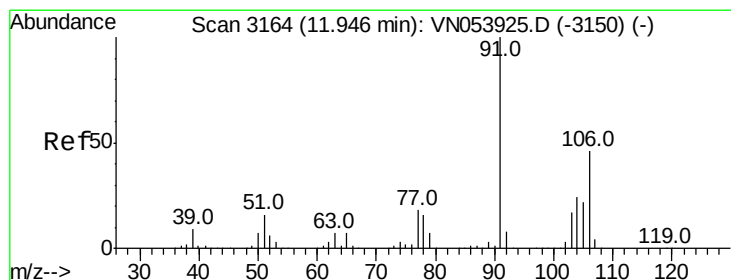
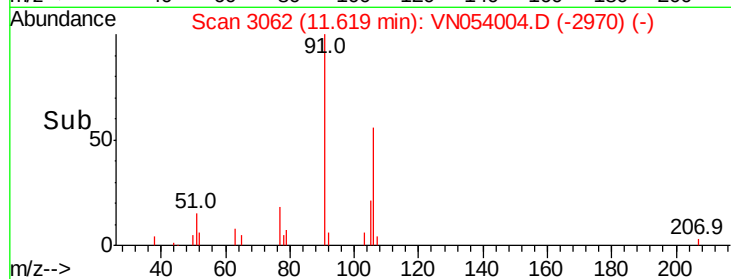
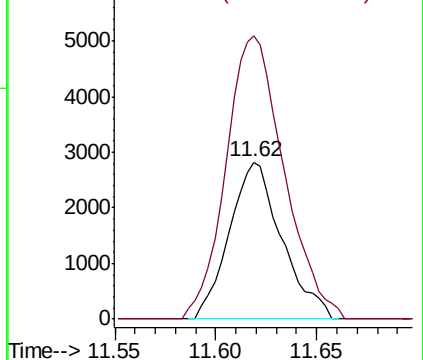
#68
m/p-Xylenes
Concen: 0.356 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054004.D
Acq: 28 Feb 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 5118
Ion Ratio Lower Upper
106 100
91 199.9 158.9 238.3

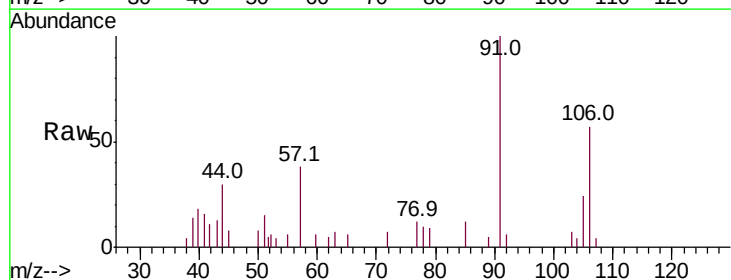


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

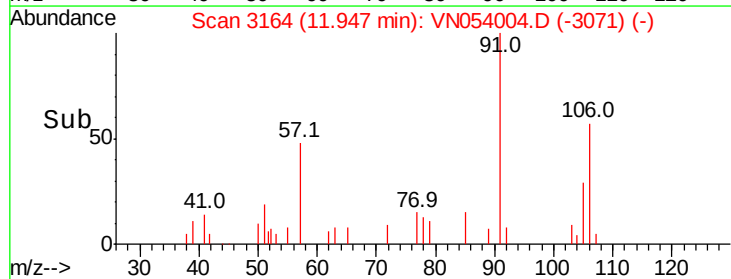
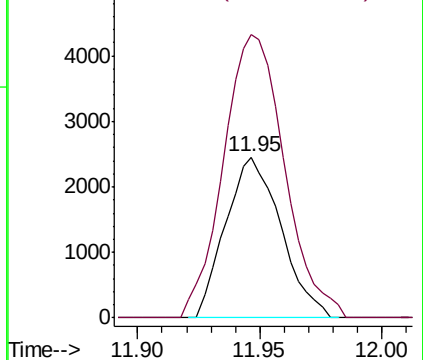


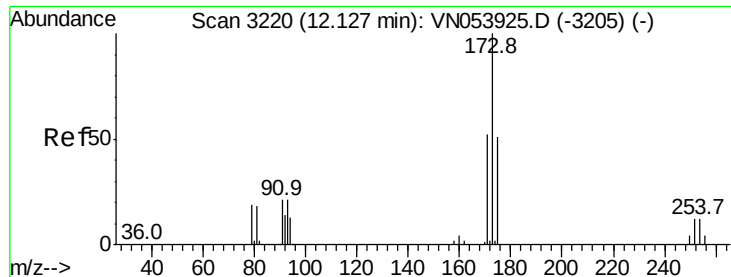
#69
o-Xylene
Concen: 0.273 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054004.D
Acq: 28 Feb 2019 15:13

Tgt Ion:106 Resp: 3859
Ion Ratio Lower Upper
106 100
91 194.8 106.0 318.0



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





#71

Bromoform

Concen: 0.598 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

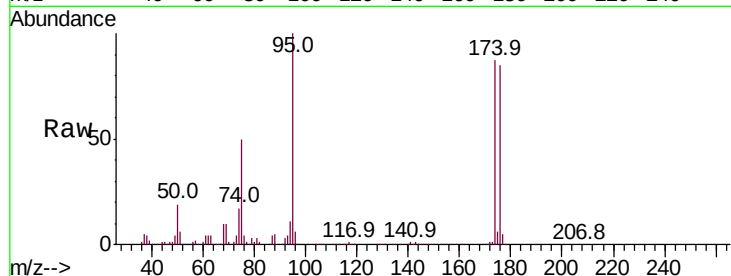
Tot Ion:173 Resp: 3406

Ion Ratio Lower Upper

173 100

175 751.5 24.3 72.8#

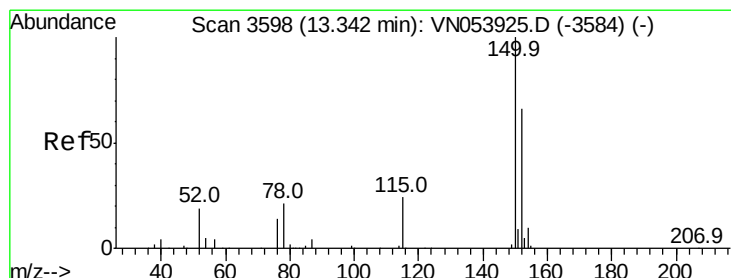
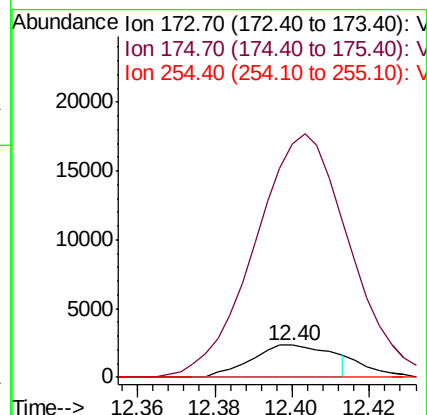
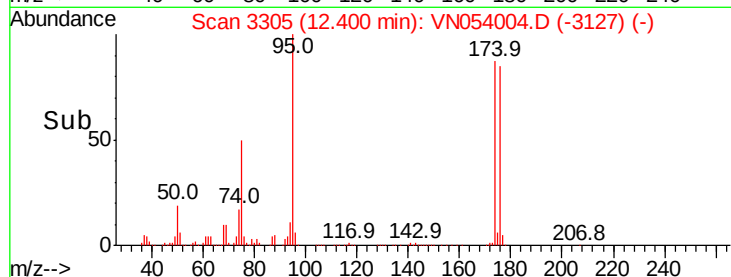
254 0.0 0.2 0.2#



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: VN054004.D

Acq: 28 Feb 2019 15:13

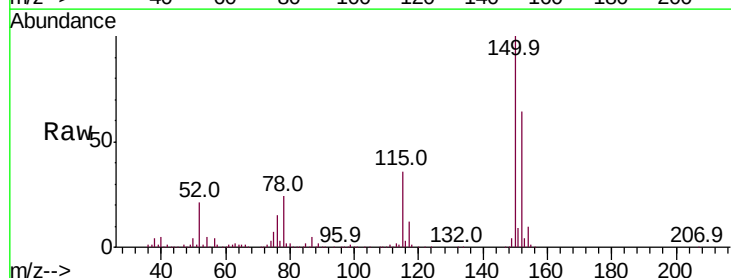
Tgt Ion:152 Resp: 404748

Ion Ratio Lower Upper

152 100

115 57.7 27.2 81.6

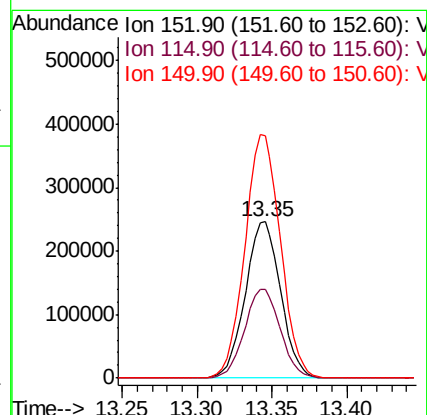
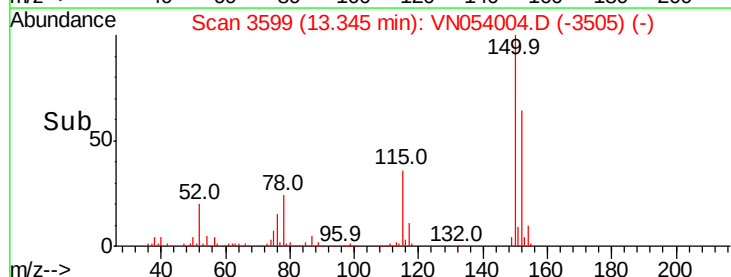
150 156.7 0.0 348.2

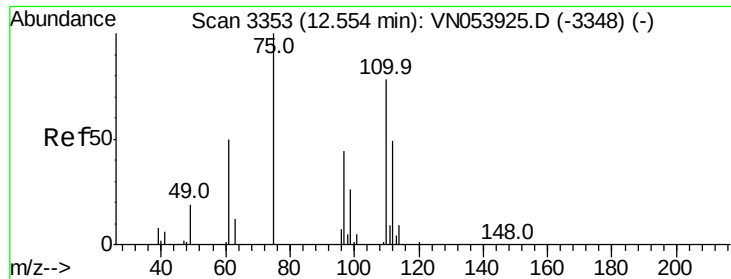


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



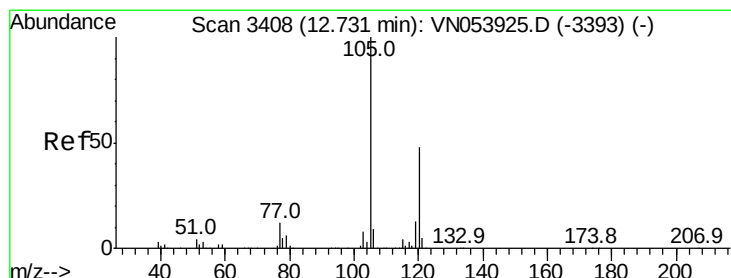
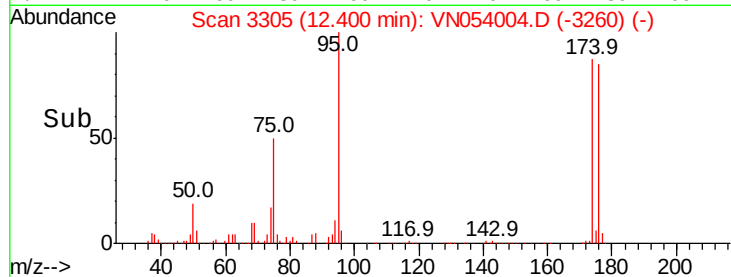
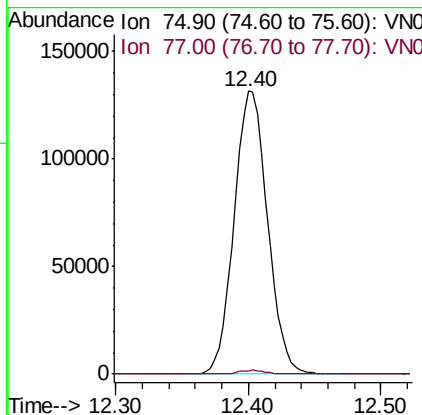
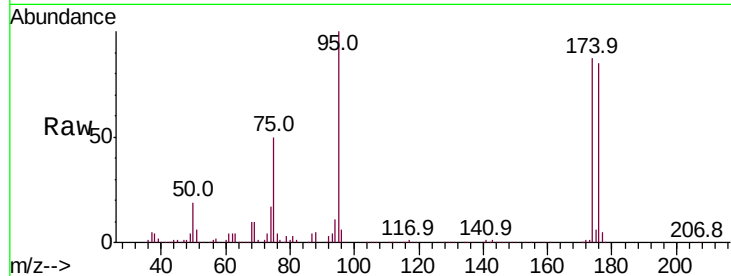


#76

1,2,3-Trichloropropane
Concen: 35.432 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054004.D
Acq: 28 Feb 2019 15:13

Instrument :
MSVOA_N
ClientSampled :

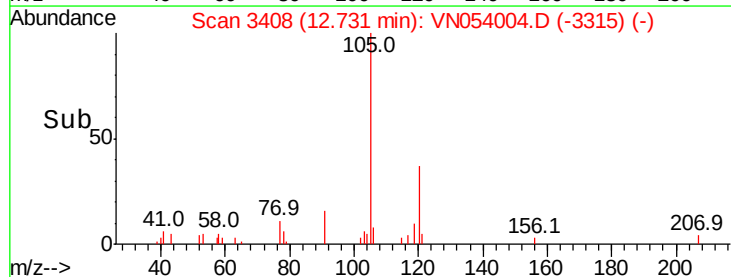
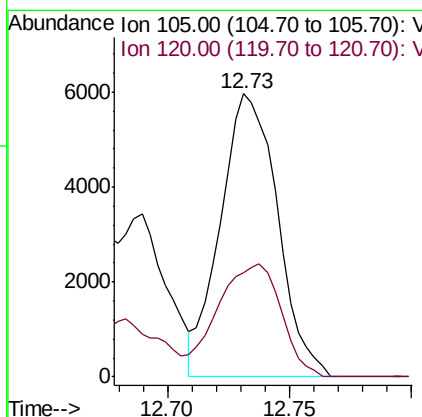
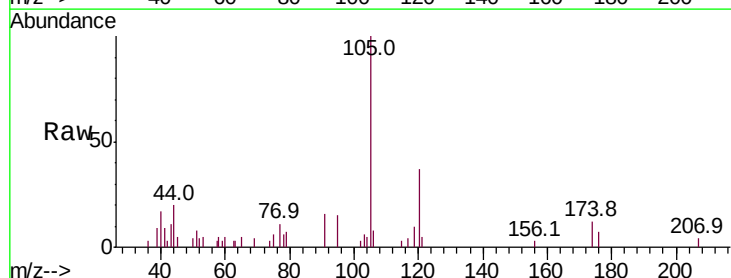
Tot Ion: 75 Resp: 230057
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

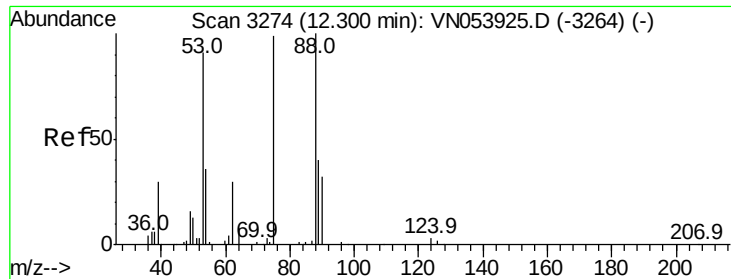


#80

1,3,5-Trimethylbenzene
Concen: 0.376 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054004.D
Acq: 28 Feb 2019 15:13

Tgt Ion: 105 Resp: 9696
Ion Ratio Lower Upper
105 100
120 44.8 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 111.988 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

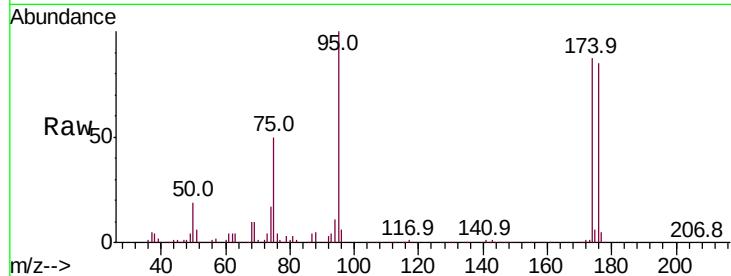
Tot Ion: 75 Resp: 230057

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

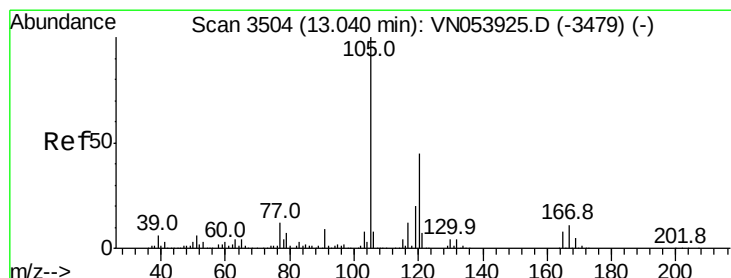
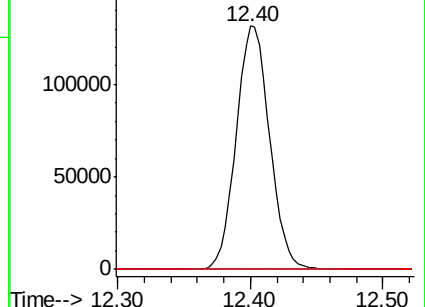
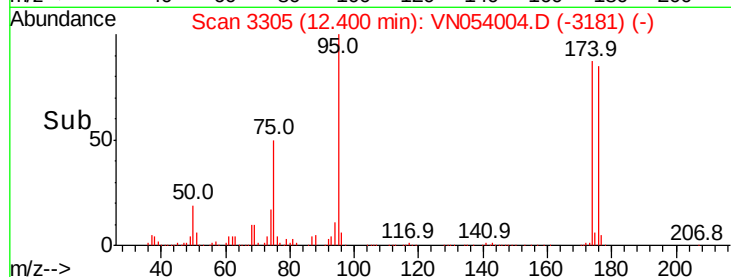
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN054004.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054004.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054004.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.173 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054004.D

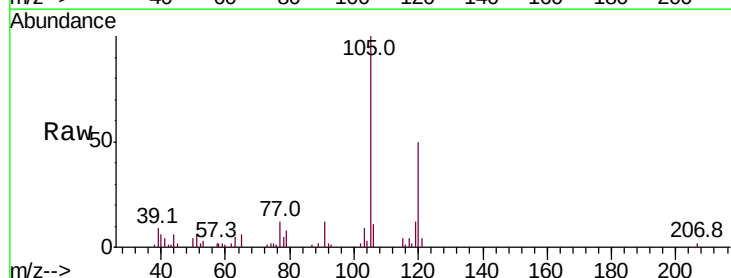
Acq: 28 Feb 2019 15:13

Tgt Ion: 105 Resp: 30207

Ion Ratio Lower Upper

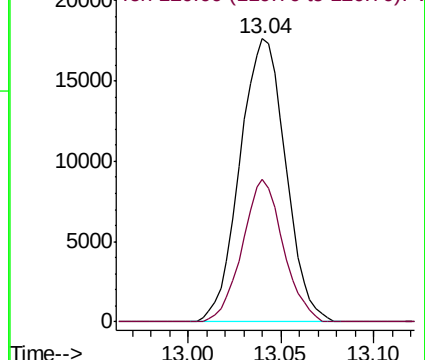
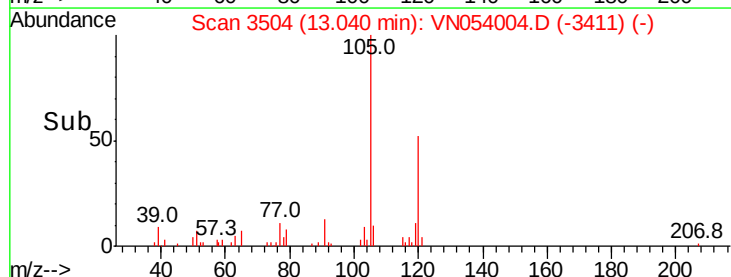
105 100

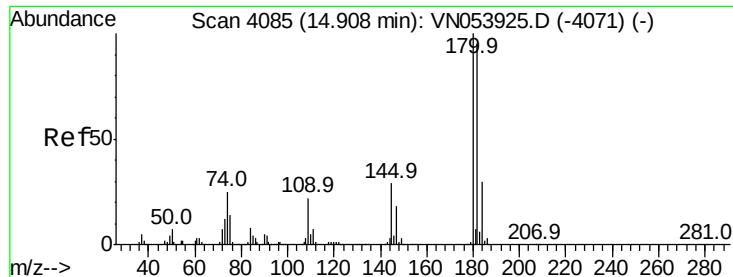
120 45.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): VN054004.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN054004.D (-3411) (-)





#93

1,2,4-Trichlorobenzene

Concen: 2.226 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA_N

ClientSampled :

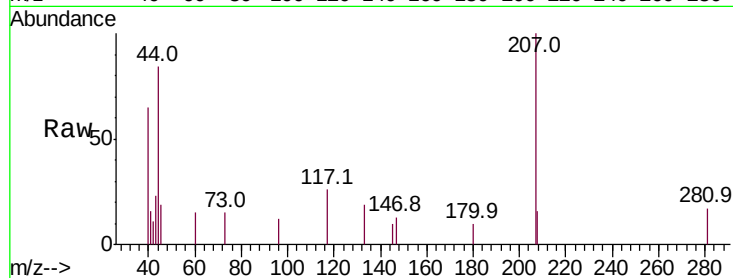
Tot Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

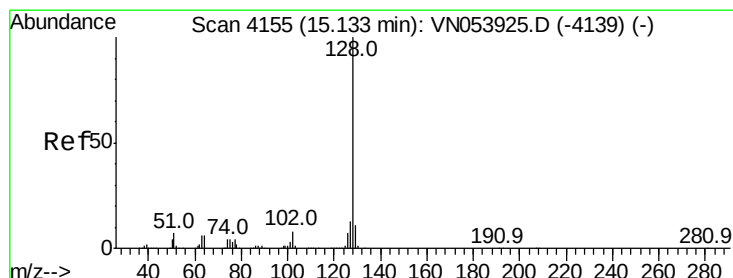
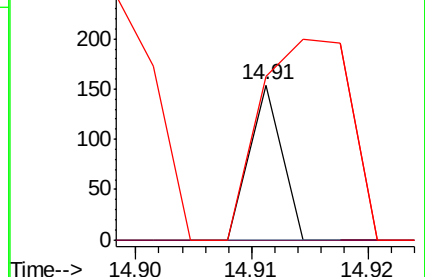
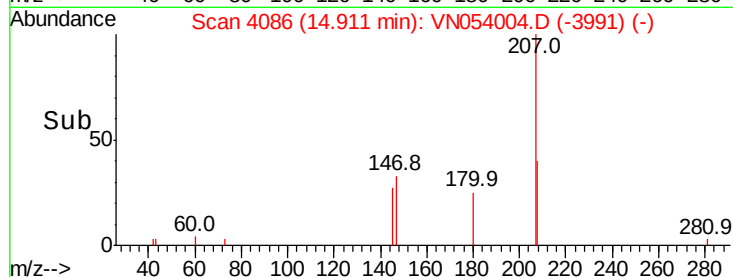
145 360.0 13.8 41.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 4.001 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054004.D

Acq: 28 Feb 2019 15:13

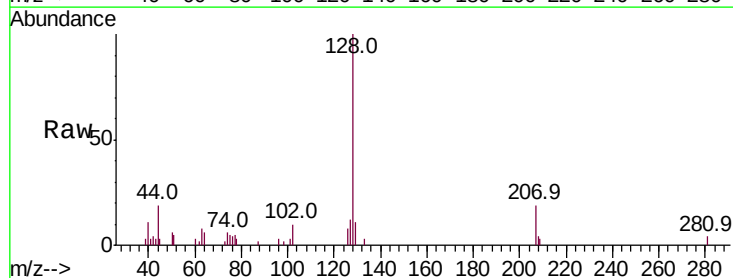
Tgt Ion:128 Resp: 13509

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.2

129 12.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

