

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054010.D
 Acq On : 28 Feb 2019 17:54
 Operator : JC/SP
 Sample : K1652-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 01 03:57:47 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	600110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1087253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1043911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	378134	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	386000	54.87	ug/l	0.00
Spiked Amount			Recovery	=	109.74%	
35) Dibromofluoromethane	7.59	113	351518	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
50) Toluene-d8	10.09	98	1372105	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.40	95	448380	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	377	0.845	ug/l #	73
16) Acetone	3.82	43	21538	Below Cal		92
18) Methyl Acetate	4.34	43	4194	0.853	ug/l #	87
20) Methylene Chloride	4.56	84	53328	7.659	ug/l	94
25) 2-Butanone	6.84	43	2310	0.836	ug/l	92
29) Tetrahydrofuran	7.21	42	785	0.427	ug/l #	31
30) Chloroform	7.36	83	11595	0.973	ug/l #	83
31) Cyclohexane	7.66	56	11558	0.623	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	41162	4.071	ug/l #	47
38) Carbon Tetrachloride	7.66	117	51927	4.938	ug/l #	16
43) Isopropyl Acetate	8.29	43	228806	18.770	ug/l #	58
47) Bromodichloromethane	9.40	83	4188	0.408	ug/l #	99
48) Methyl methacrylate	9.18	41	7714	1.376	ug/l #	25
49) 1,4-Dioxane	9.27	88	147	1.936	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	7703	1.230	ug/l #	34
52) Toluene	10.16	92	16693	0.913	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	59017	5.018	ug/l #	67
56) Ethyl methacrylate	10.54	69	1509	2.117	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	8378	0.726	ug/l #	43
59) 2-Hexanone	10.76	43	122994	30.190	ug/l #	49
67) Ethyl Benzene	11.51	91	23621	0.640	ug/l	94
68) m/p-Xylenes	11.62	106	38650	2.773	ug/l	99
69) o-Xylene	11.95	106	15371	1.122	ug/l	91
71) Bromoform	12.40	173	3242	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	217696	35.888	ug/l #	100
78) n-propylbenzene	12.59	91	17352	0.518	ug/l	97
79) 2-Chlorotoluene	12.65	91	6992	0.348	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	35768	1.484	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	217696	113.429	ug/l #	15
83) tert-Butylbenzene	13.04	119	13382	0.628	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.04	105	107966	4.488	ug/l	98
85) sec-Butylbenzene	13.04	105	107966	3.709	ug/l #	56
90) Hexachloroethane	13.89	117	1464	0.307	ug/l #	2
95) Naphthalene	15.13	128	15100	4.156	ug/l	96

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QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

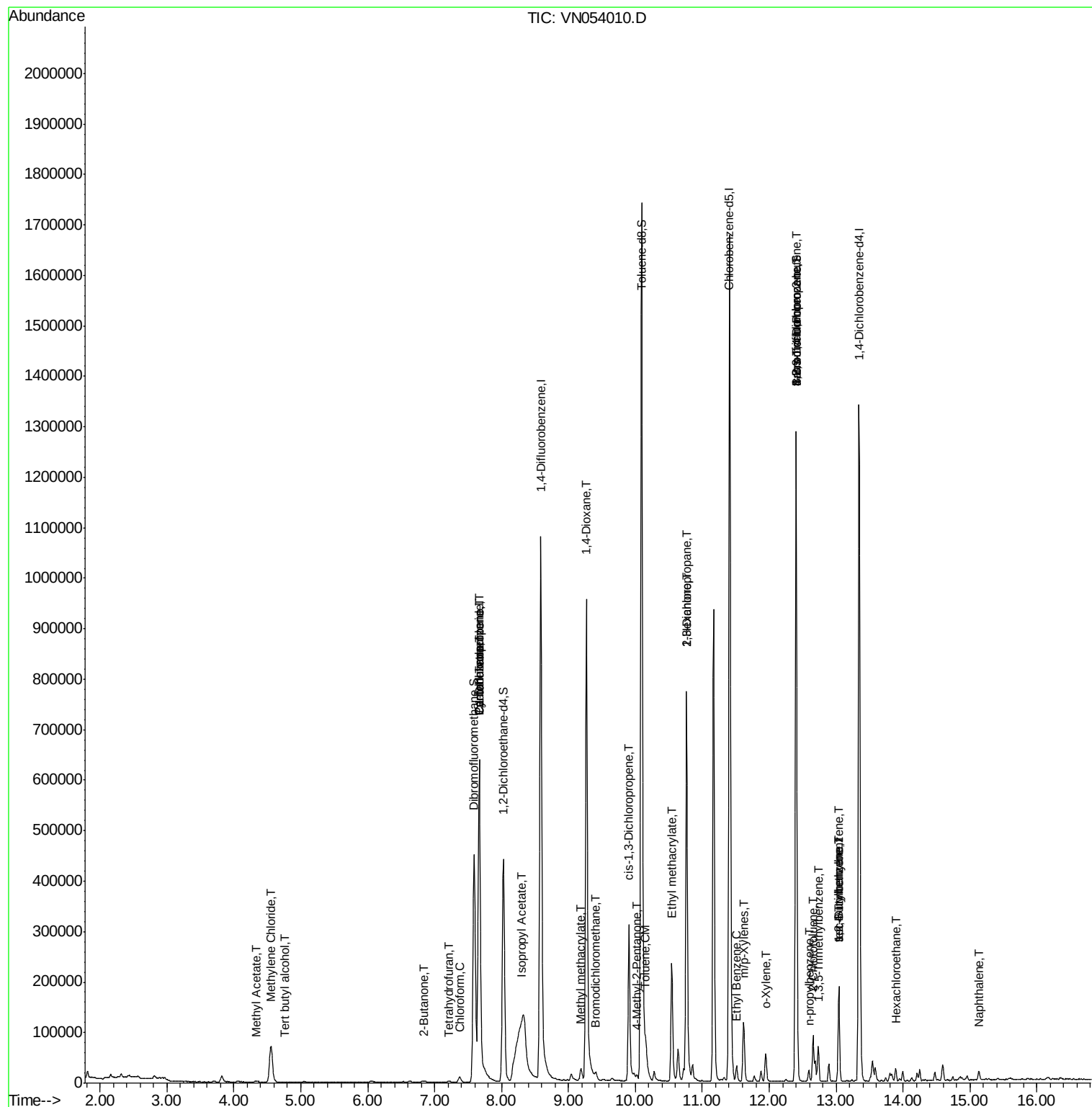
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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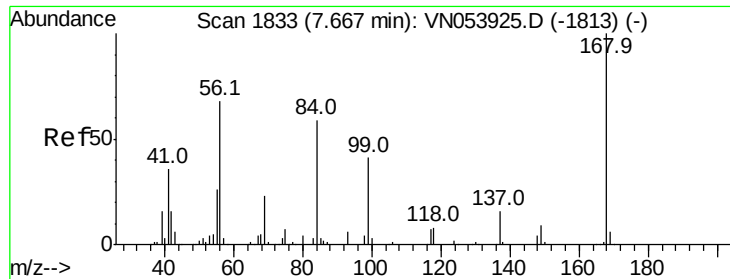
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022819\
Data File : VN054010.D
Acq On : 28 Feb 2019 17:54
Operator : JC/SP
Sample : K1652-13
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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: VN054010.D

Acq: 28 Feb 2019 17:54

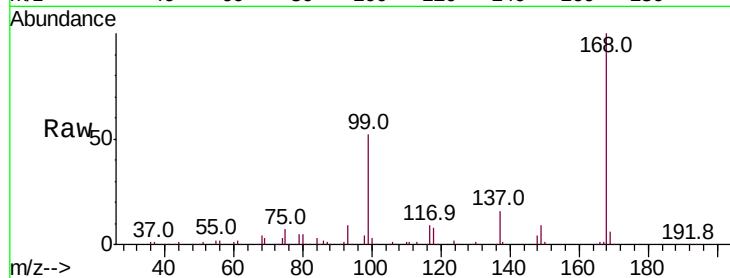
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 600110

Ion Ratio Lower Upper

168 100

99 52.2 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

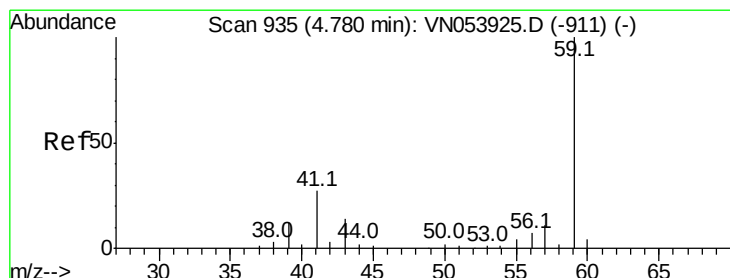
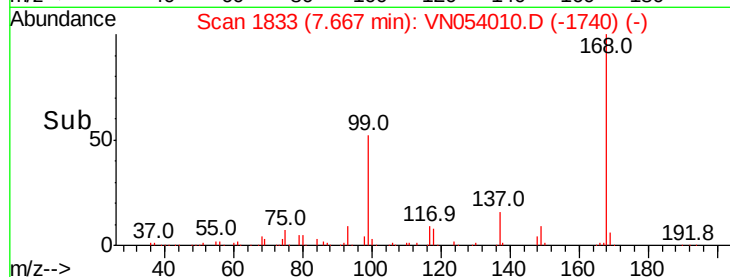
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 0.845 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN054010.D

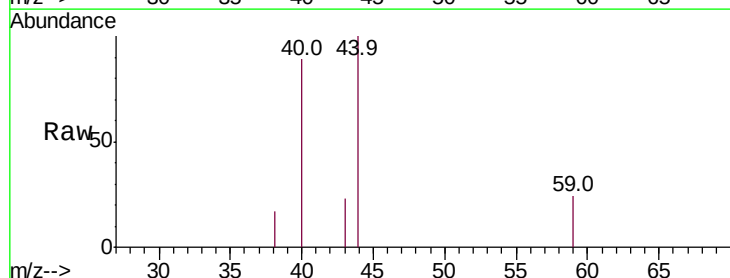
Acq: 28 Feb 2019 17:54

Tgt Ion: 59 Resp: 377

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.77

250

200

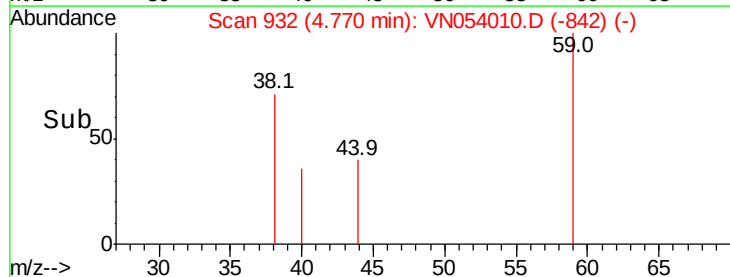
150

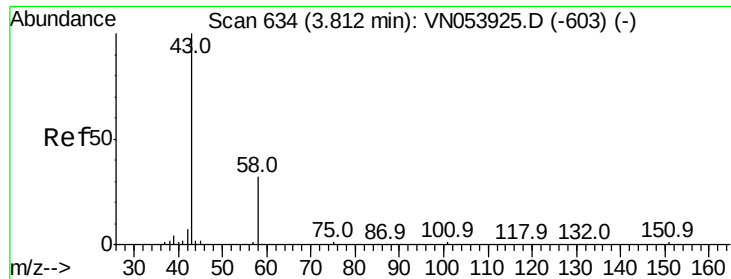
100

50

0

Time--> 4.74 4.76 4.78





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

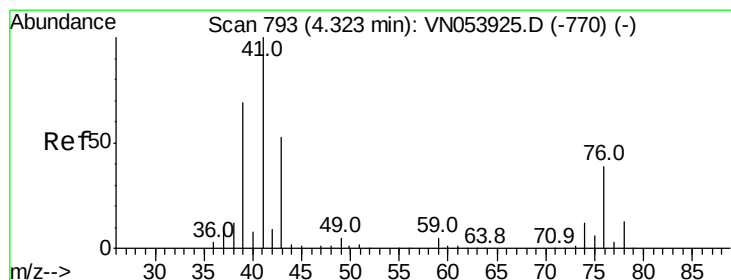
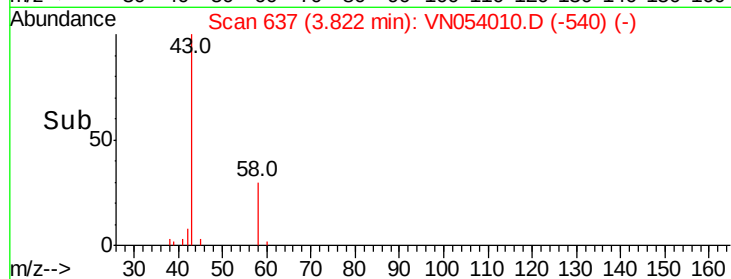
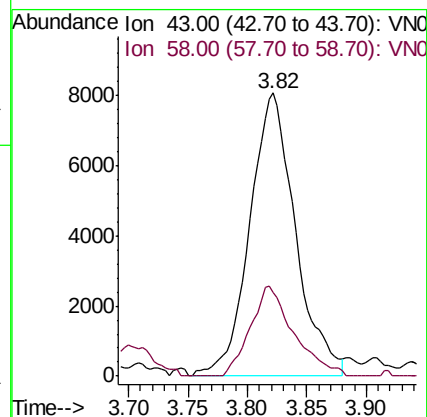
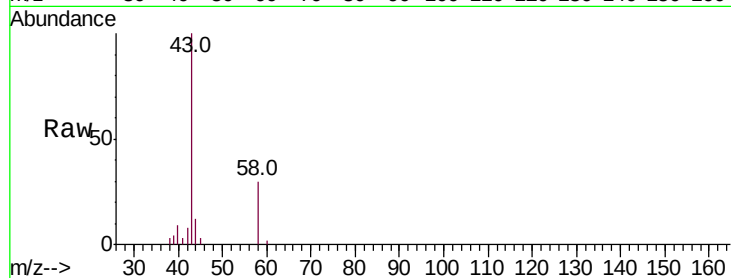
ClientSampled :

Tot Ion: 43 Resp: 21538

Ion Ratio Lower Upper

43 100

58 29.7 27.6 41.4



#18

Methyl Acetate

Concen: 0.853 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN054010.D

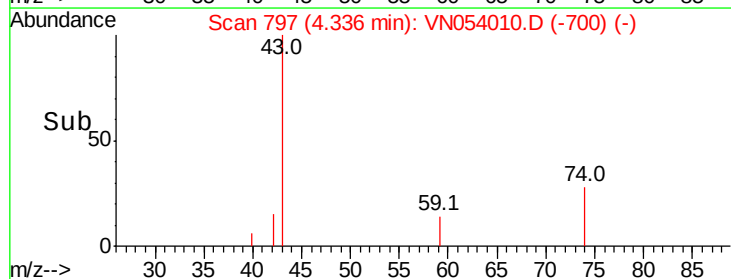
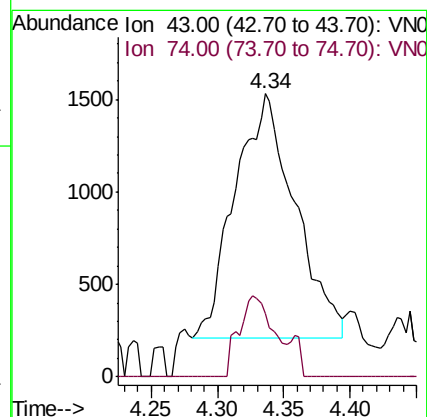
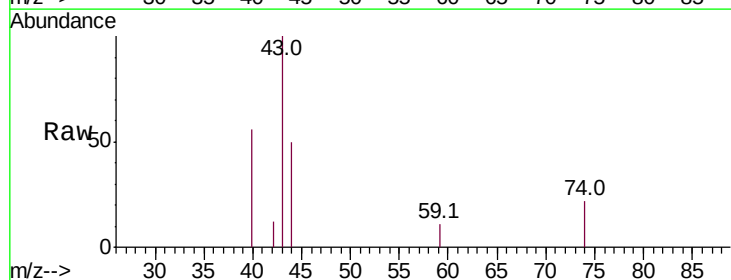
Acq: 28 Feb 2019 17:54

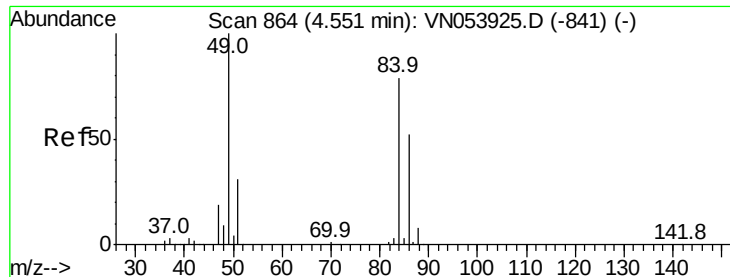
Tgt Ion: 43 Resp: 4194

Ion Ratio Lower Upper

43 100

74 18.8 20.5 30.7#

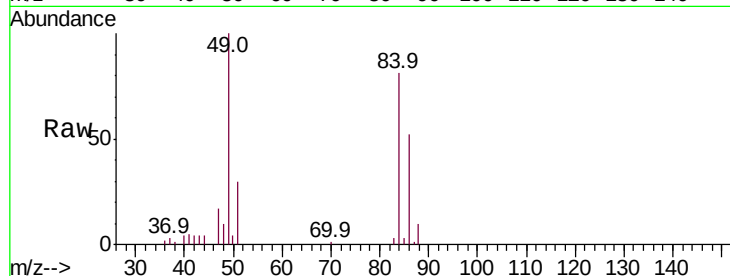




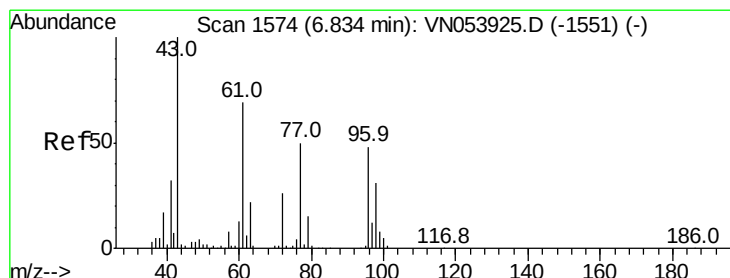
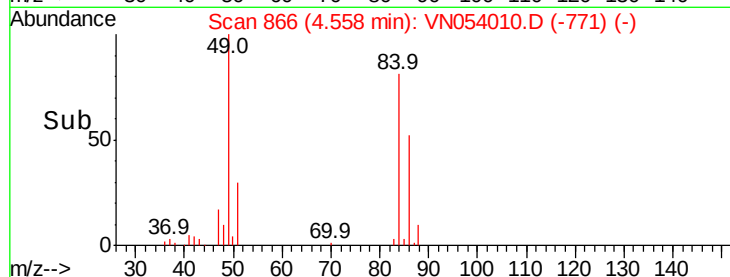
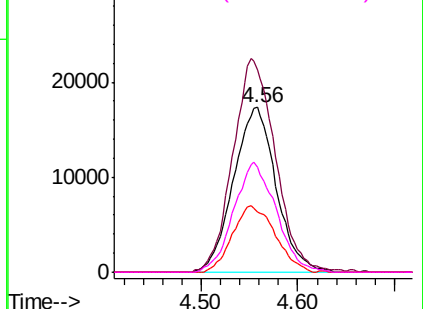
#20
Methylene Chloride
Concen: 7.659 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 53328
Ion Ratio Lower Upper
84 100
49 122.8 89.7 134.5
51 36.5 27.8 41.8
86 63.9 51.3 76.9

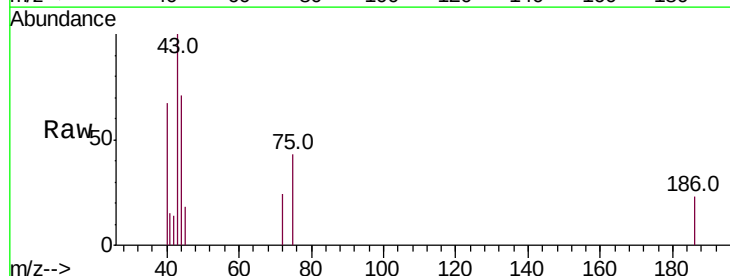


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

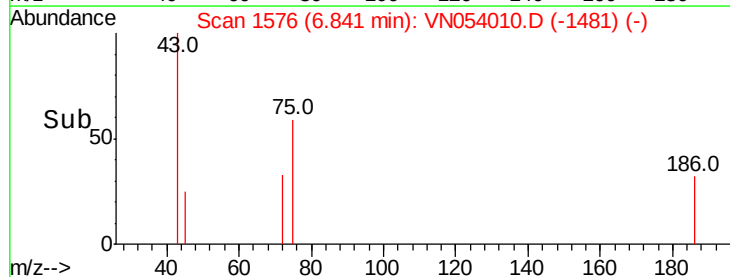
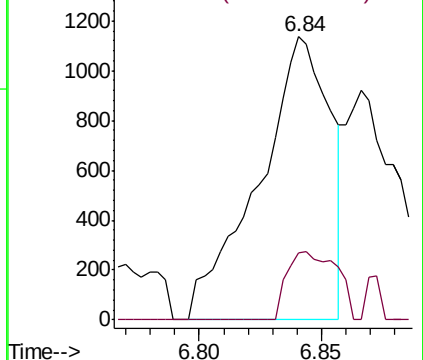


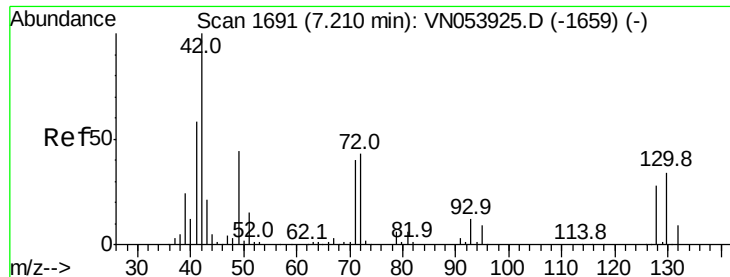
#25
2-Butanone
Concen: 0.836 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
72 23.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

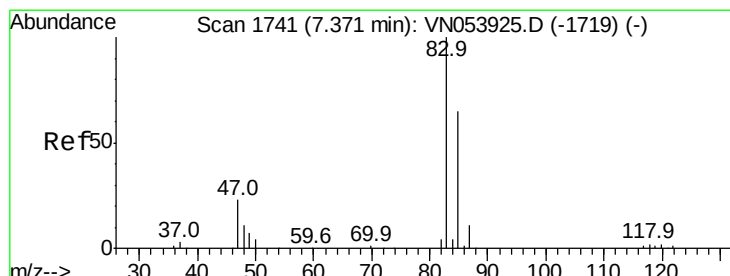
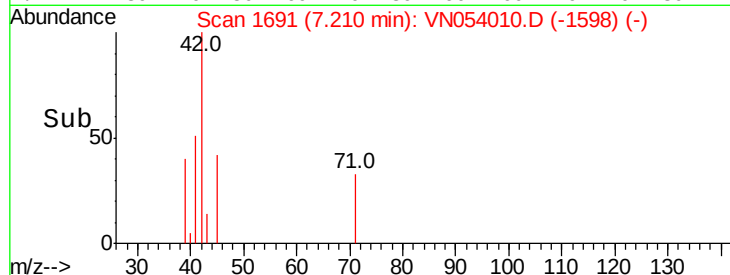
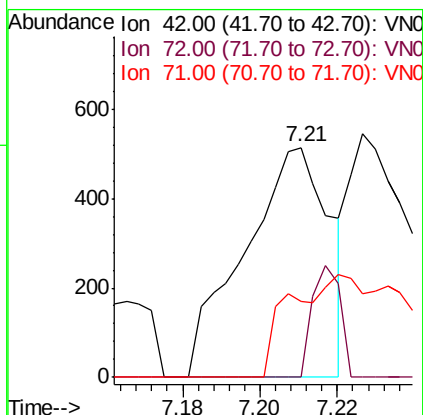
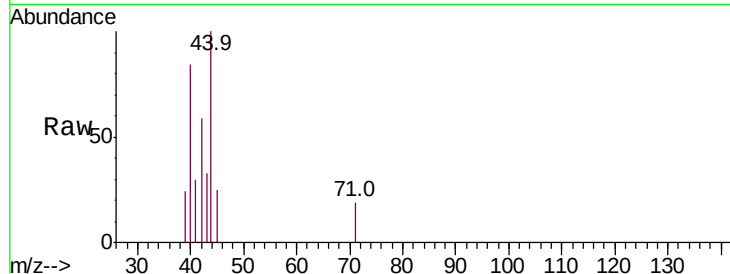




#29
Tetrahydrofuran
Concen: 0.427 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

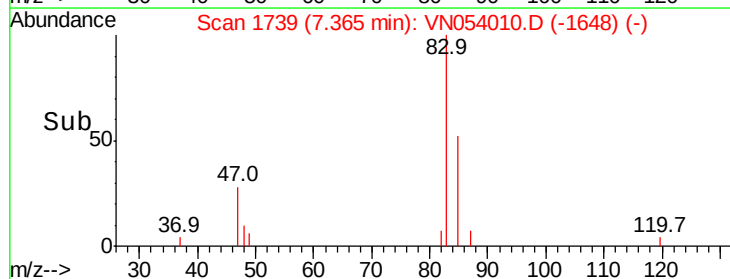
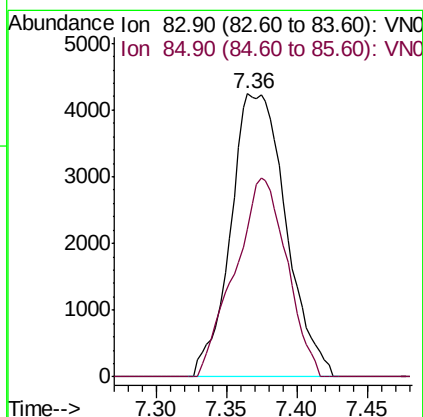
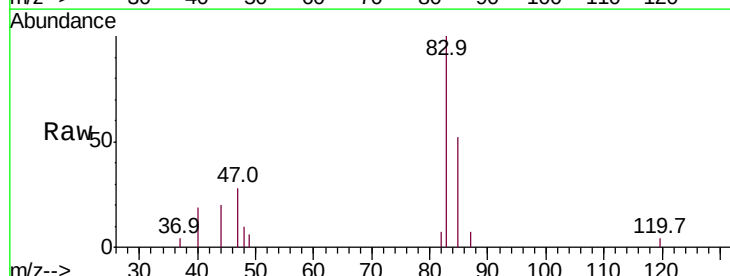
Instrument :
MSVOA_N
ClientSampled :

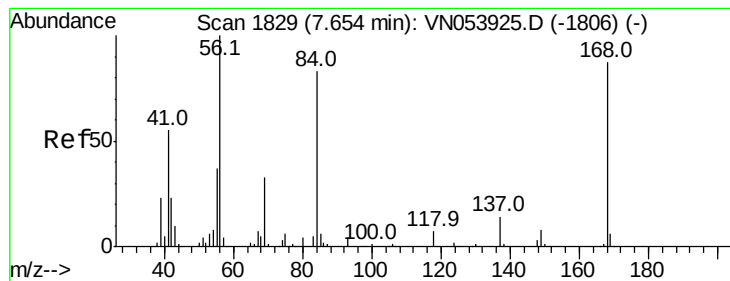
Tot Ion: 42 Resp: 785
Ion Ratio Lower Upper
42 100
72 0.0 36.9 55.3#
71 0.0 34.6 52.0#



#30
Chloroform
Concen: 0.973 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Tgt Ion: 83 Resp: 11595
Ion Ratio Lower Upper
83 100
85 52.3 52.6 78.8#





#31

Cyclohexane

Concen: 0.623 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :
MSVOA_N
ClientSampled :

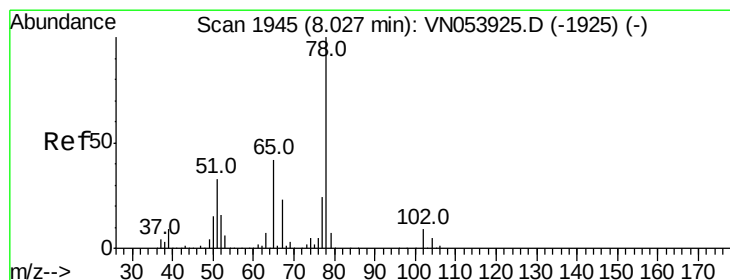
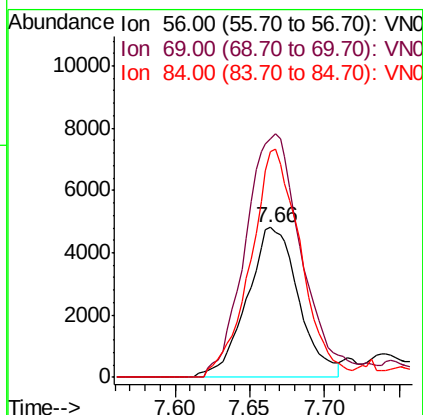
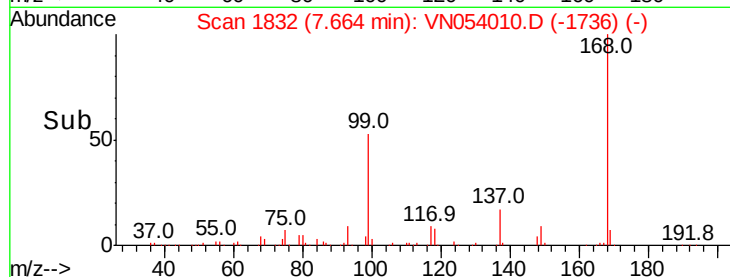
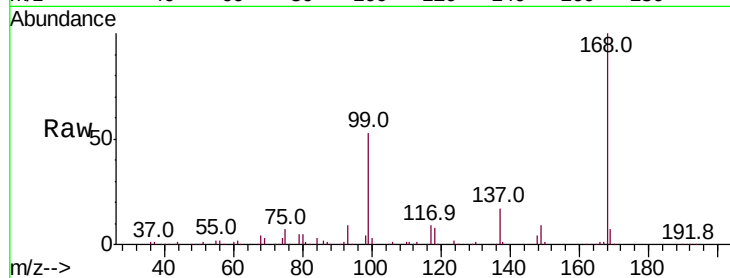
Tot Ion: 56 Resp: 11558

Ion Ratio Lower Upper

56 100

69 159.8 26.0 39.0#

84 151.2 69.1 103.7#



#33

1,2-Dichloroethane-d4

Concen: 54.871 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054010.D

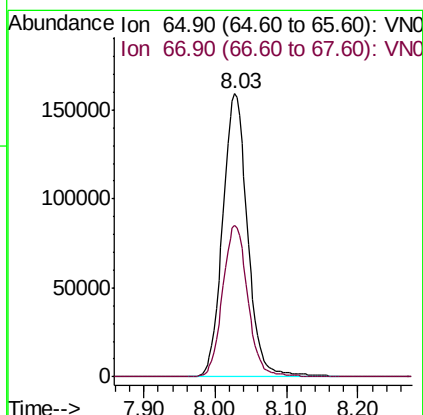
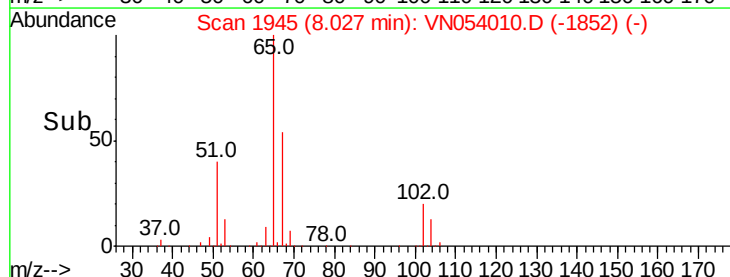
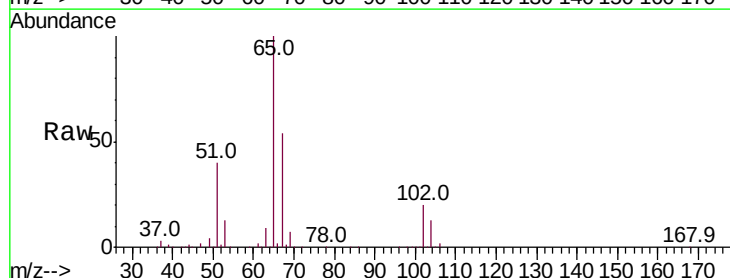
Acq: 28 Feb 2019 17:54

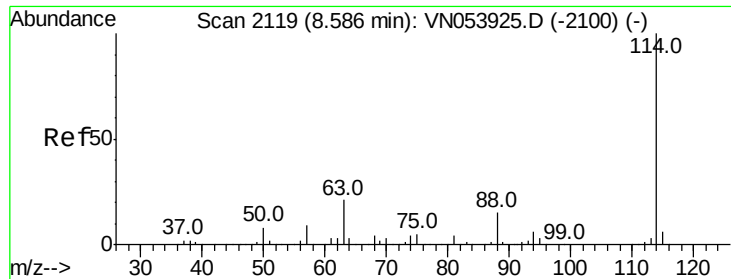
Tgt Ion: 65 Resp: 386000

Ion Ratio Lower Upper

65 100

67 54.3 0.0 111.8

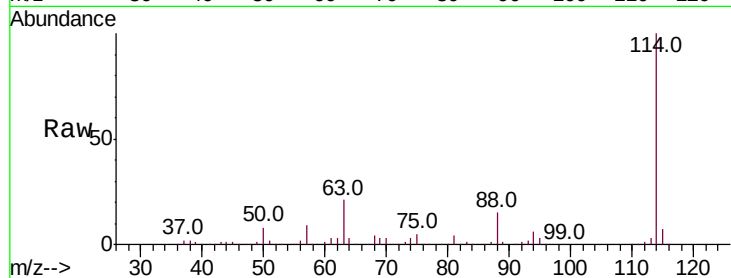




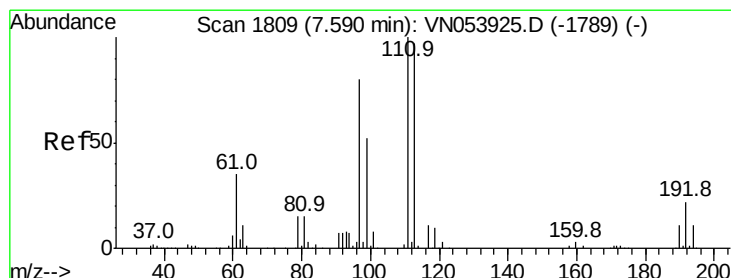
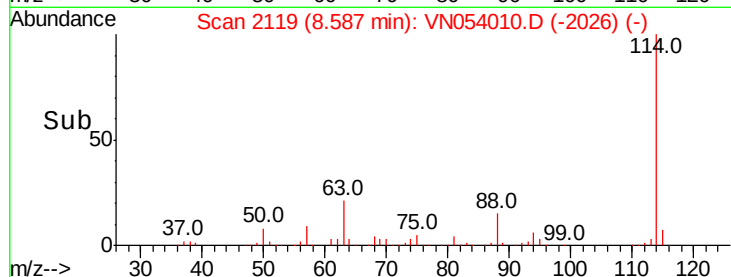
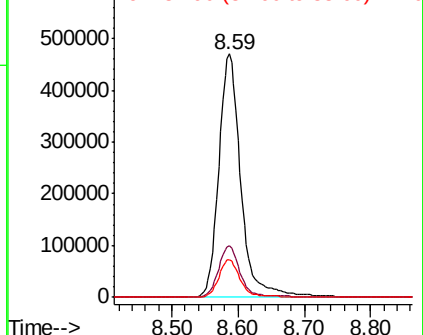
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054010.D
 Acq: 28 Feb 2019 17:54

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1087253
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.4 0.0 30.4

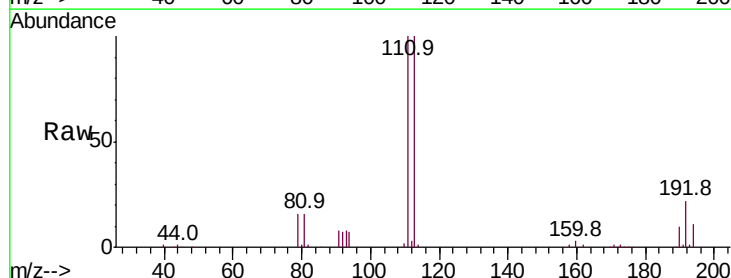


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

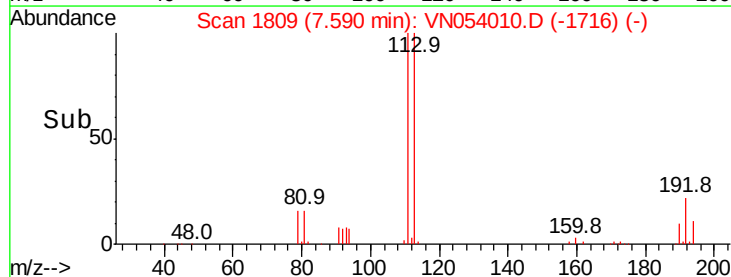
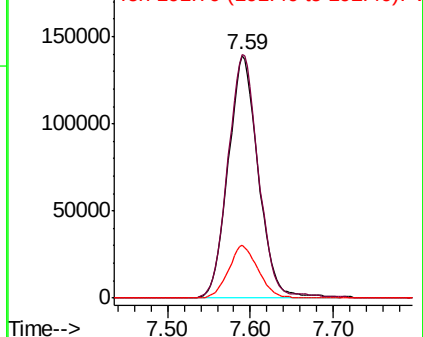


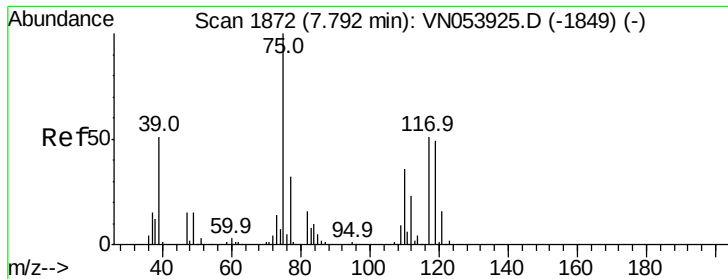
#35
 Dibromofluoromethane
 Concen: 49.997 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054010.D
 Acq: 28 Feb 2019 17:54

Tgt Ion:113 Resp: 351518
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 21.4 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: 4.071 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :
MSVOA_N
ClientSampled :

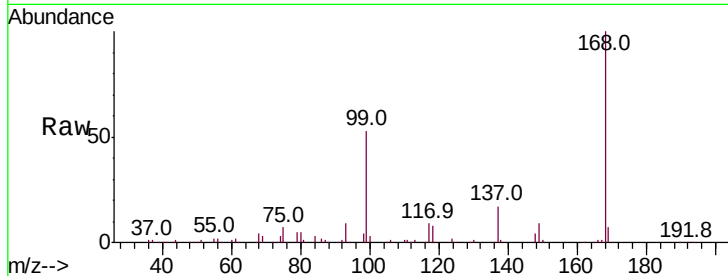
Tot Ion: 75 Resp: 41162

Ion Ratio Lower Upper

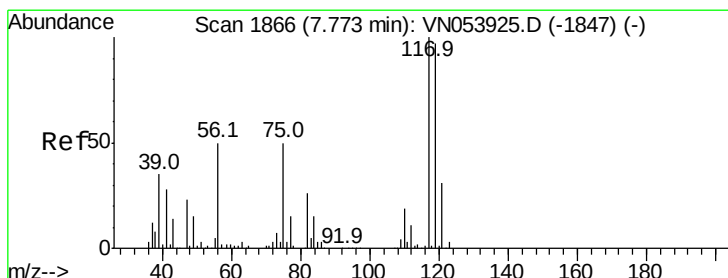
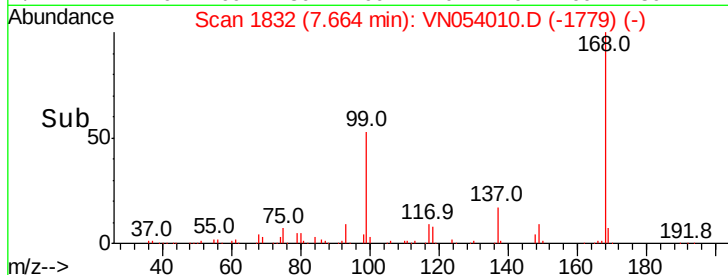
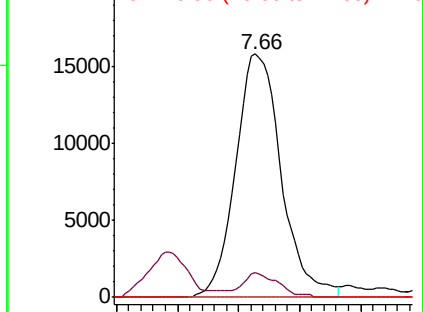
75 100

110 8.0 19.0 57.0#

77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053925.D (-1849) (-)
Ion 109.90 (109.60 to 110.60): VN053925.D (-1849) (-)
Ion 76.90 (76.60 to 77.60): VN053925.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 4.938 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

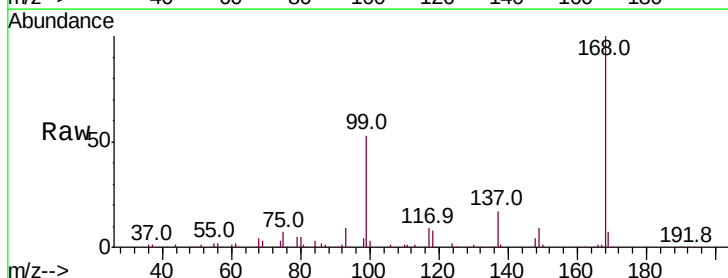
Tgt Ion: 117 Resp: 51927

Ion Ratio Lower Upper

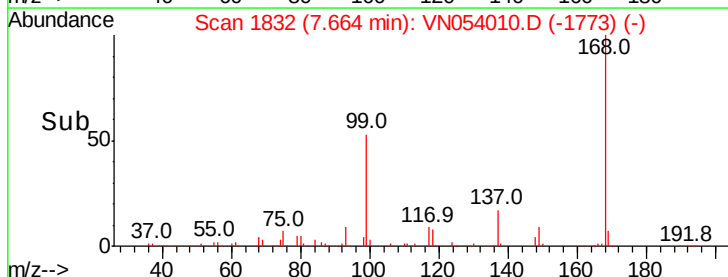
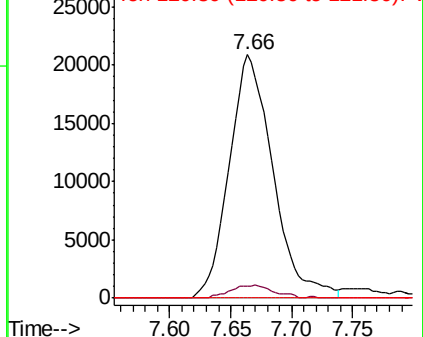
117 100

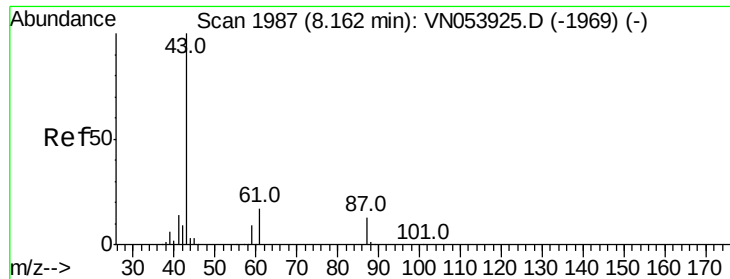
119 5.0 76.2 114.2#

121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): VN053925.D (-1847) (-)
Ion 118.80 (118.50 to 119.50): VN053925.D (-1847) (-)
Ion 120.80 (120.50 to 121.50): VN053925.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 18.770 ug/l

RT: 8.29 min Scan# 2028

Delta R.T. 0.13 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

ClientSampled :

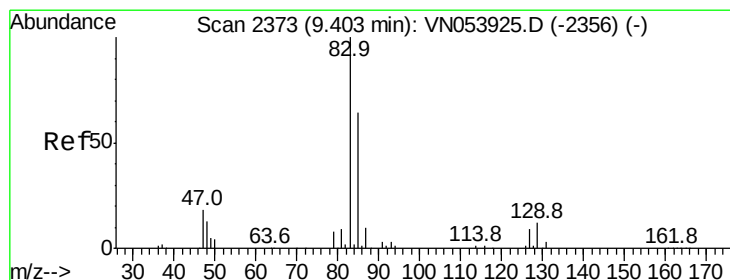
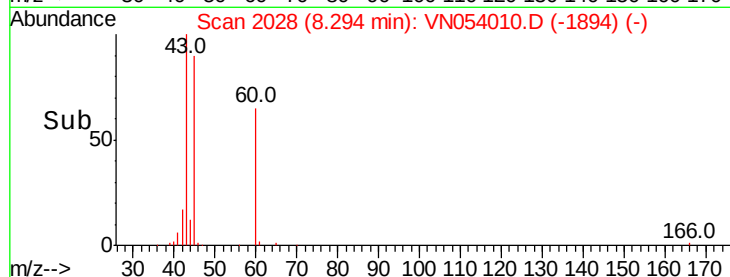
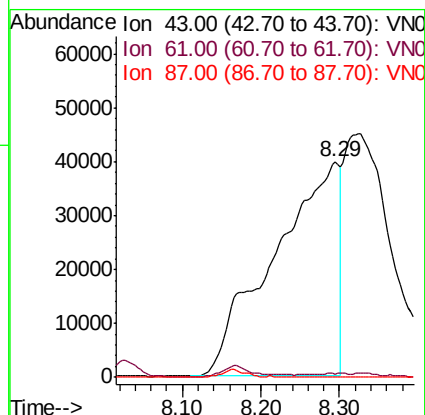
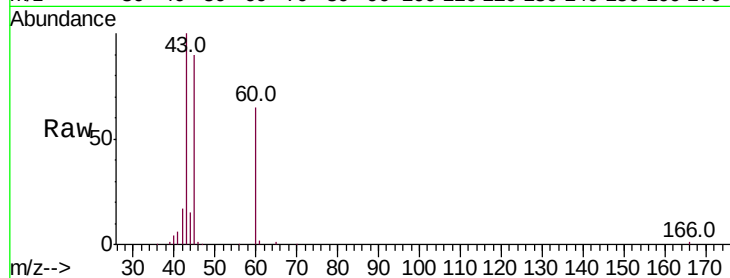
Tot Ion: 43 Resp: 228806

Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

87 0.0 11.5 17.3#



#47

Bromodichloromethane

Concen: 0.408 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

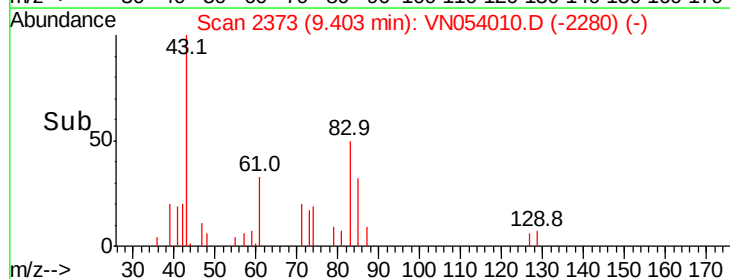
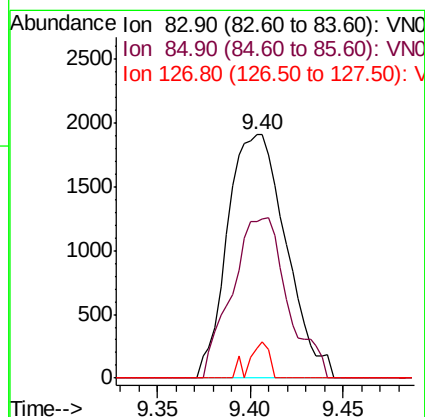
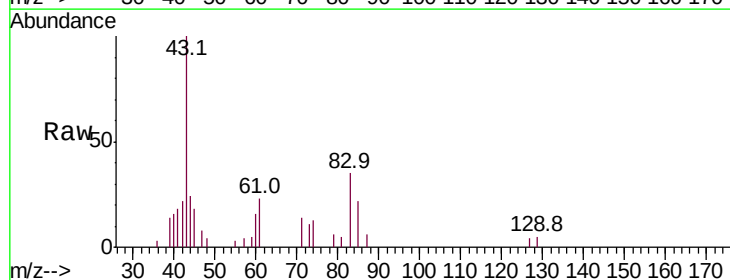
Tgt Ion: 83 Resp: 4188

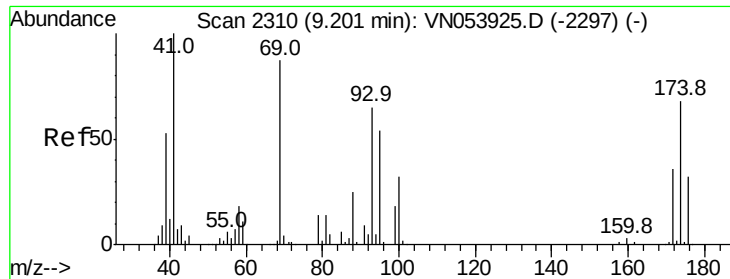
Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6

127 12.5 7.4 11.0#

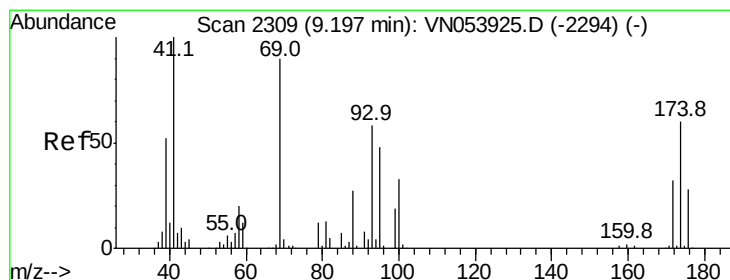
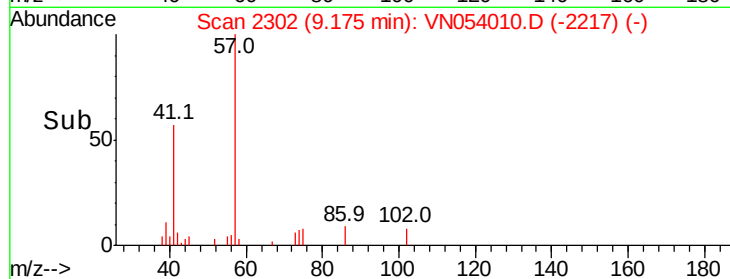
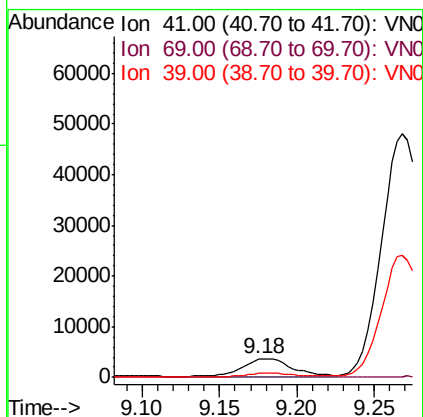
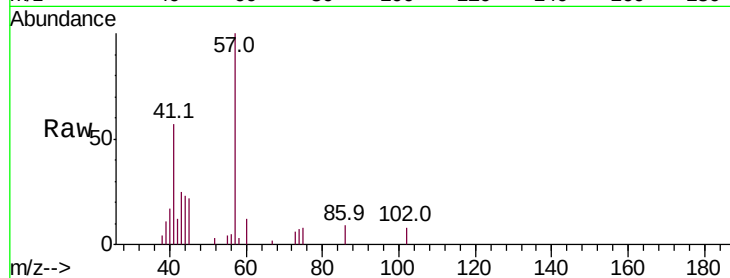




#48
Methvl methacrylate
Concen: 1.376 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.03 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

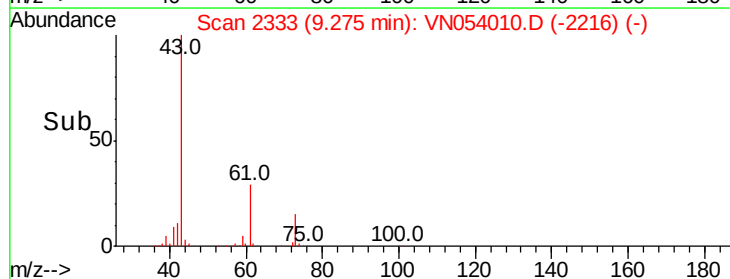
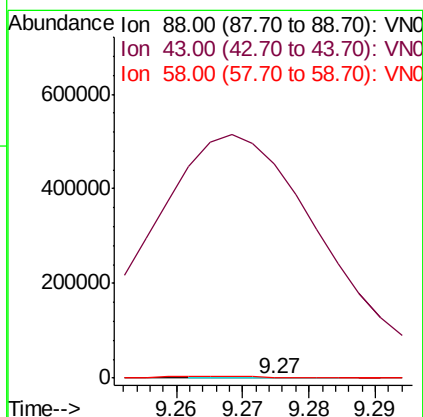
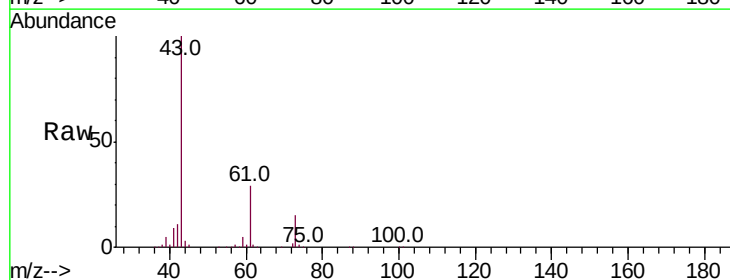
Instrument :
MSVOA_N
ClientSampled :

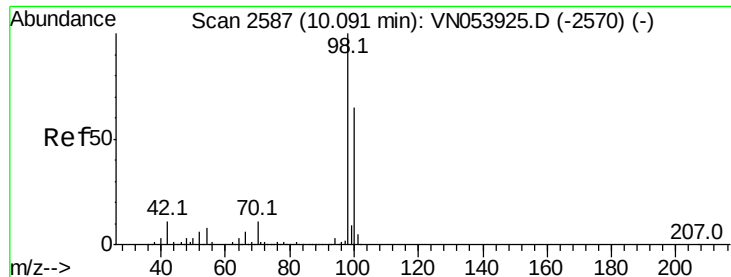
Tot Ion: 41 Resp: 7714
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 26.7 39.0 58.6#



#49
1,4-Dioxane
Concen: 1.936 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.08 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Tgt Ion: 88 Resp: 147
Ion Ratio Lower Upper
88 100
43 728004.1 21.2 31.8#
58 3944.9 54.2 81.2#

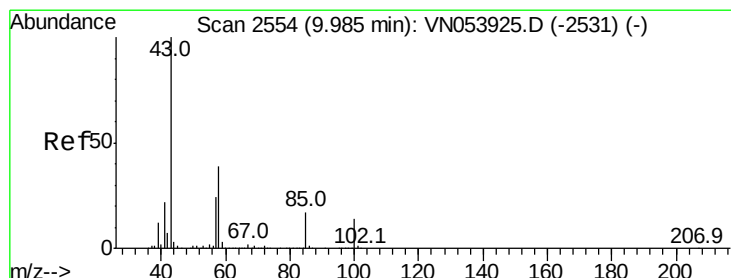
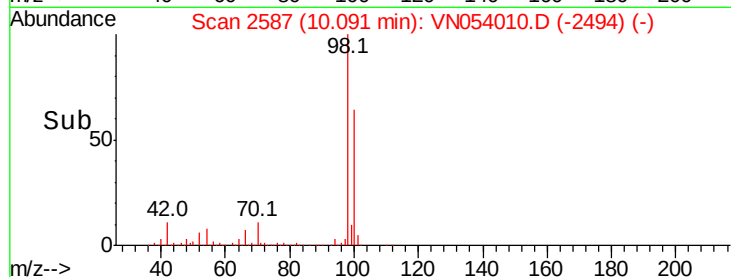
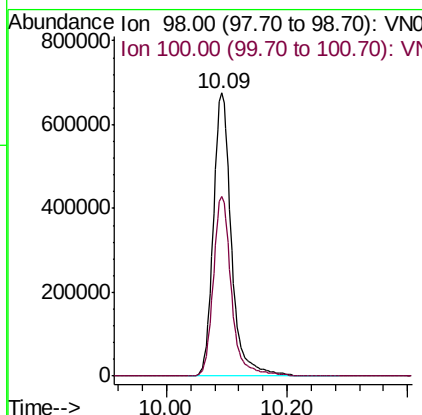
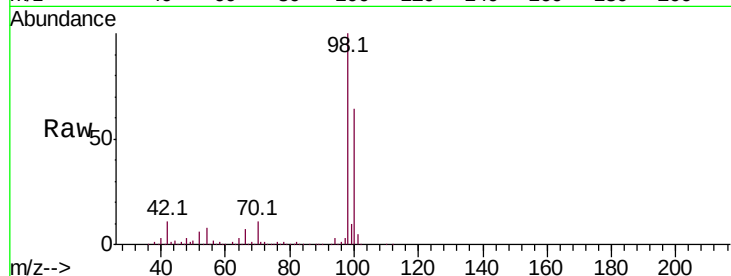




#50
Toluene-d8
Concen: 52.425 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

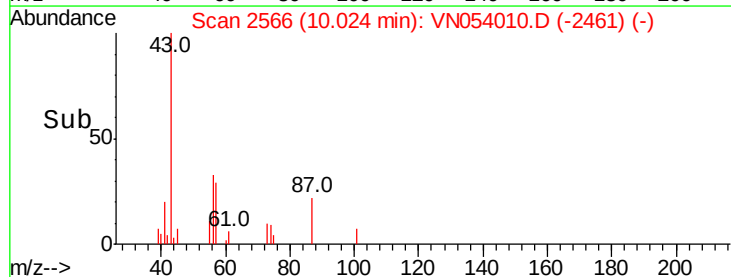
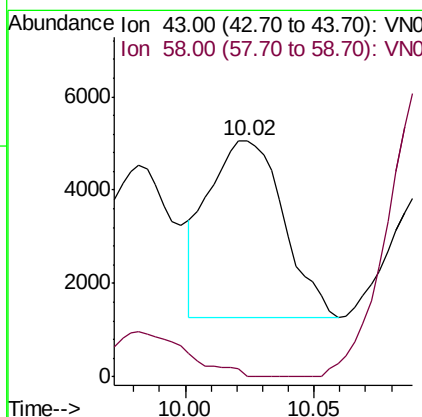
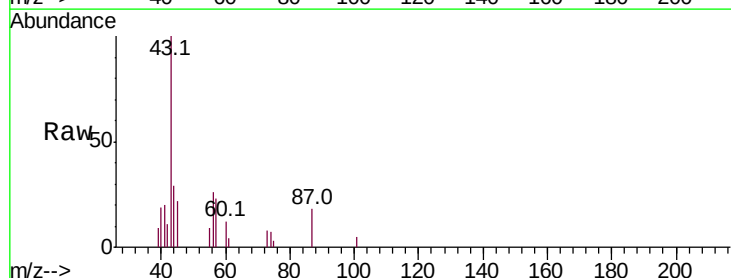
Instrument :
MSVOA_N
ClientSampleId :

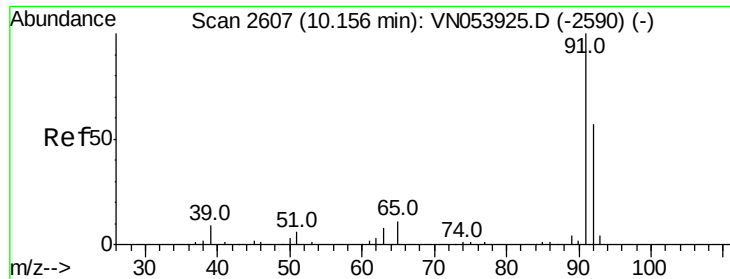
Tot Ion: 98 Resp: 1372105
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.230 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Tgt Ion: 43 Resp: 7703
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#





#52

Toluene

Concen: 0.913 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

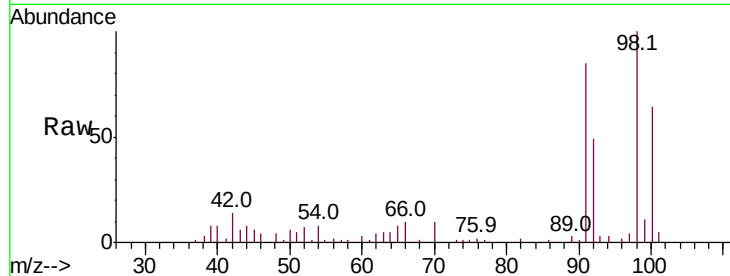
ClientSampleId :

Tot Ion: 92 Resp: 16693

Ion Ratio Lower Upper

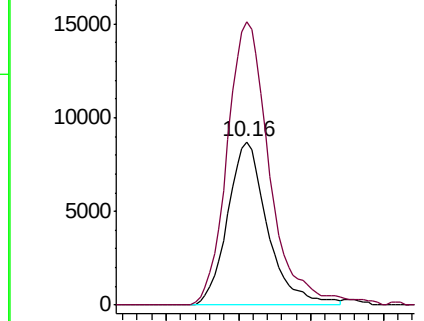
92 100

91 184.6 138.4 207.6

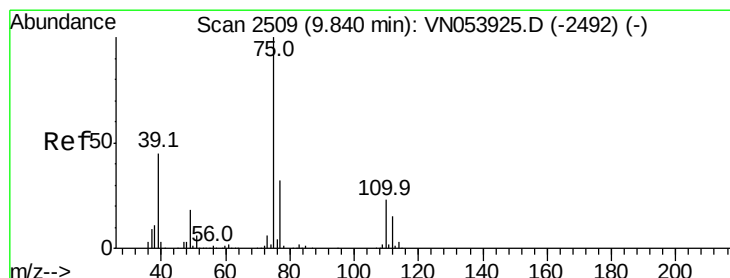
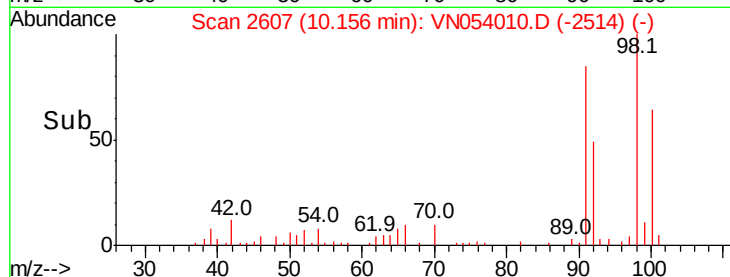


Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.018 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

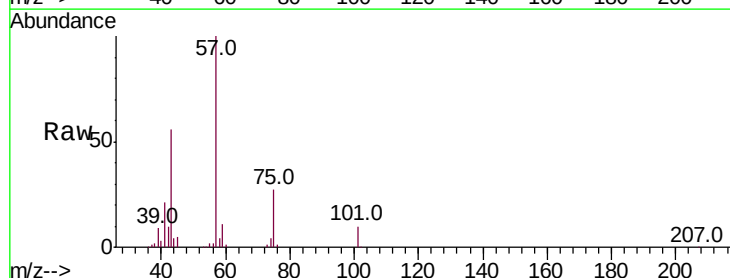
Tgt Ion: 75 Resp: 59017

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

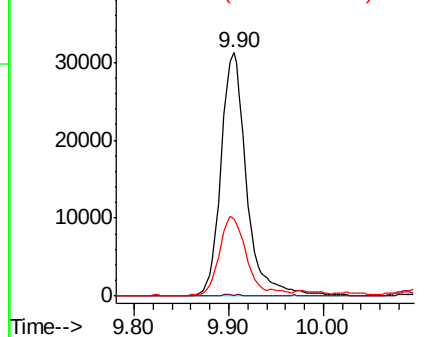
39 31.0 31.4 47.0#



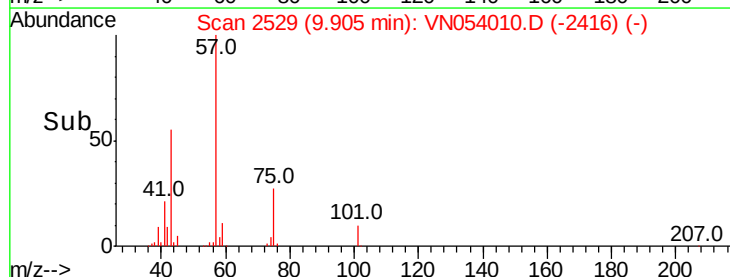
Abundance Ion 74.90 (74.60 to 75.60): VN0

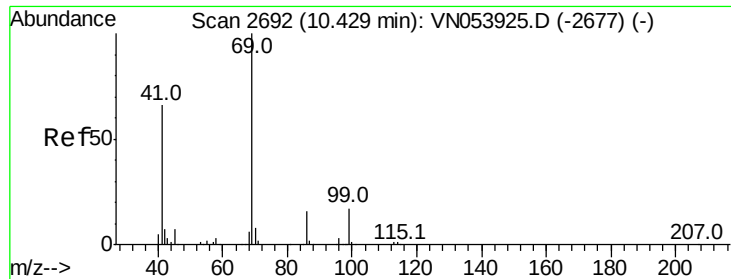
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

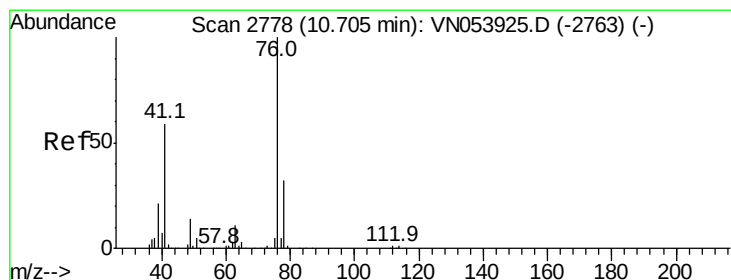
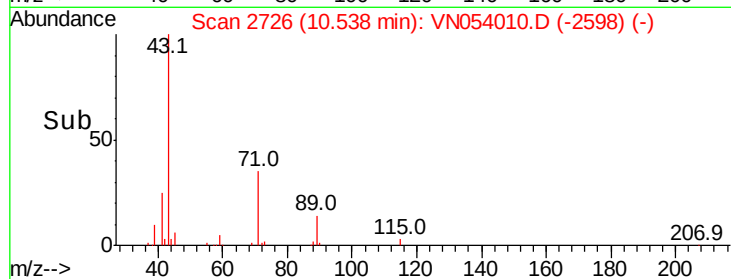
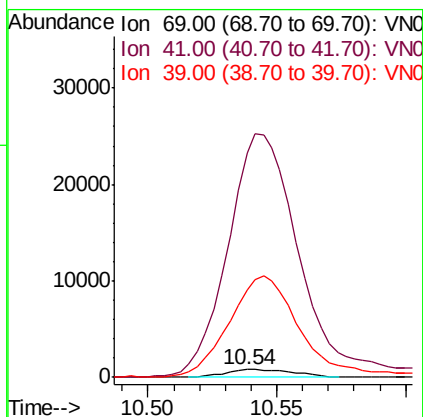
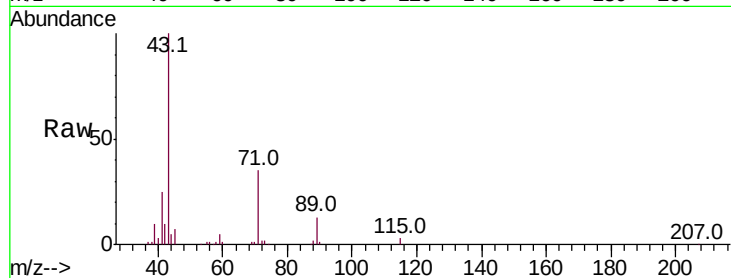




#56
Ethyl methacrylate
Concen: 2.117 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.11 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

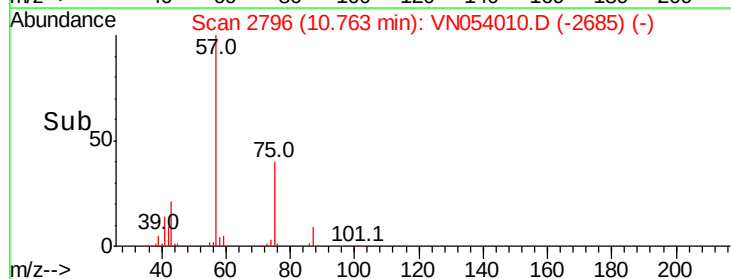
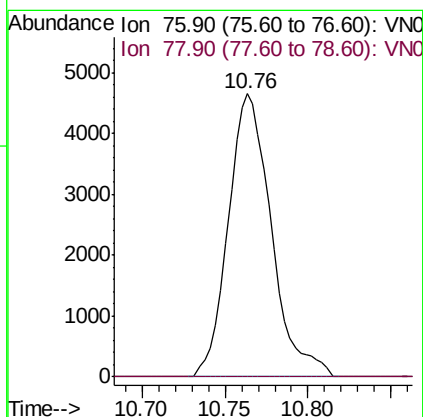
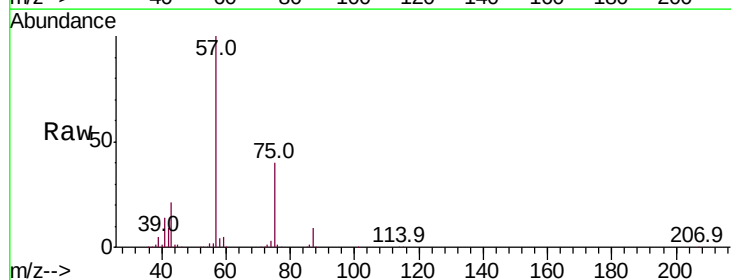
Instrument :
MSVOA_N
ClientSampleId :

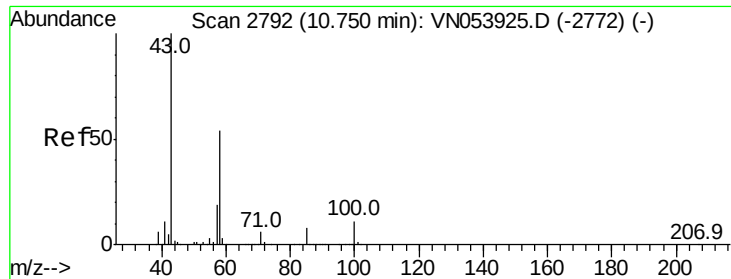
Tot Ion: 69 Resp: 1509
Ion Ratio Lower Upper
69 100
41 3260.6 47.5 71.3#
39 1338.1 23.4 35.0#



#57
1,3-Dichloropropane
Concen: 0.726 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Tgt Ion: 76 Resp: 8378
Ion Ratio Lower Upper
76 100
78 0.0 25.2 37.8#





#59

2-Hexanone

Concen: 30.190 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

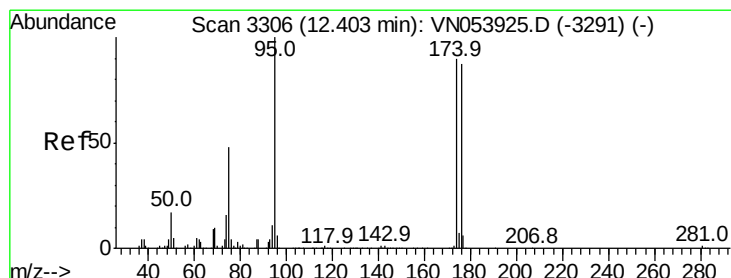
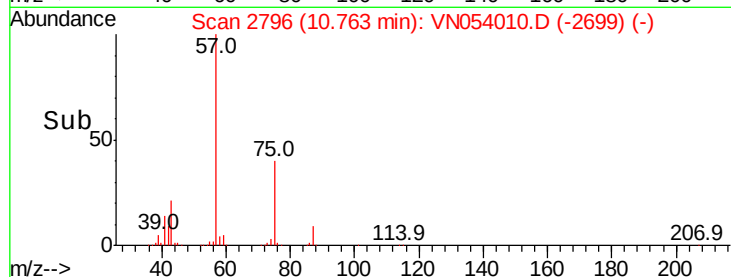
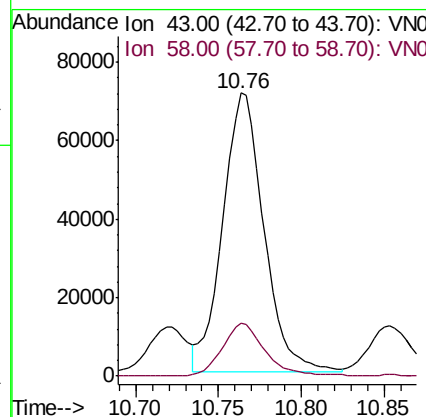
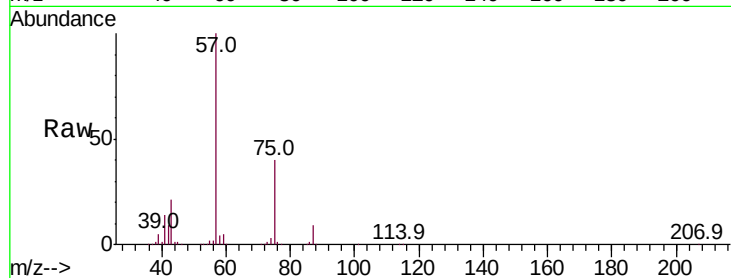
ClientSampleId :

Tot Ion: 43 Resp: 122994

Ion Ratio Lower Upper

43 100

58 20.0 29.1 87.4#



#62

4-Bromofluorobenzene

Concen: 51.420 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

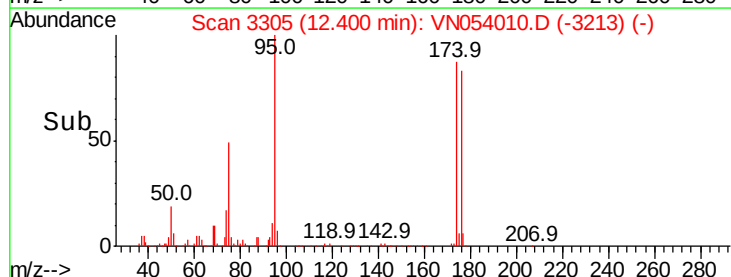
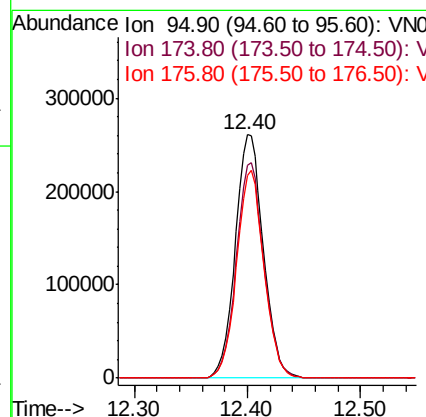
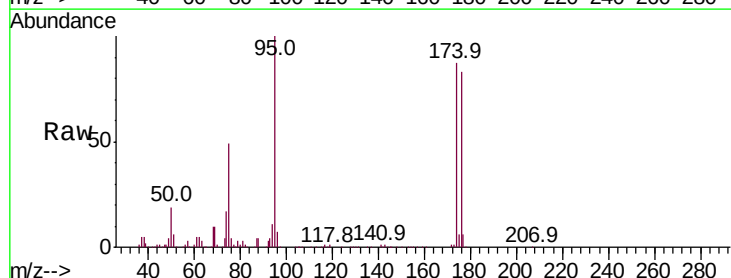
Tgt Ion: 95 Resp: 448380

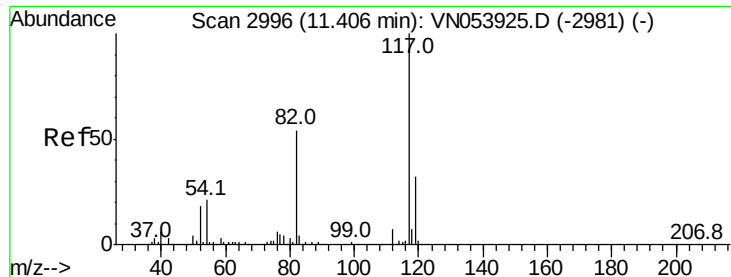
Ion Ratio Lower Upper

95 100

174 87.3 0.0 188.8

176 83.4 0.0 182.6

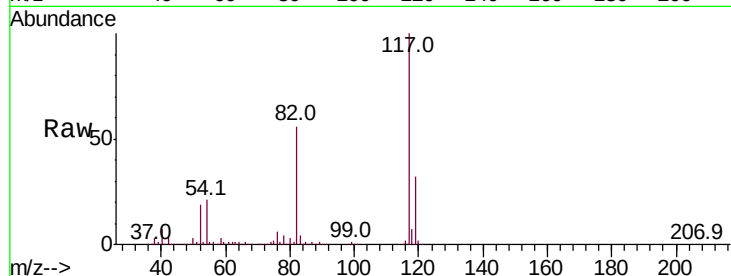




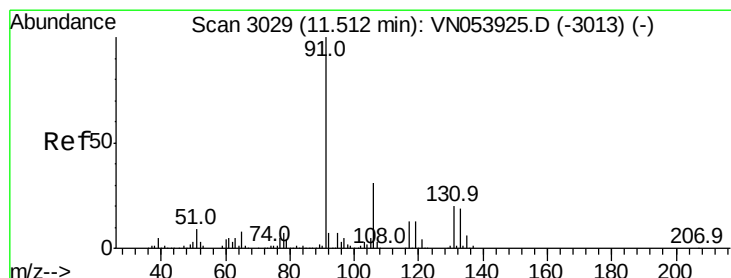
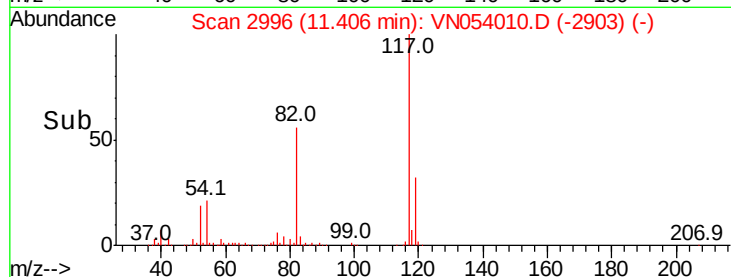
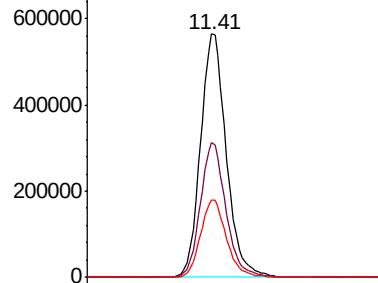
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1043911
Ion Ratio Lower Upper
117 100
82 55.5 41.4 62.2
119 32.0 25.3 37.9

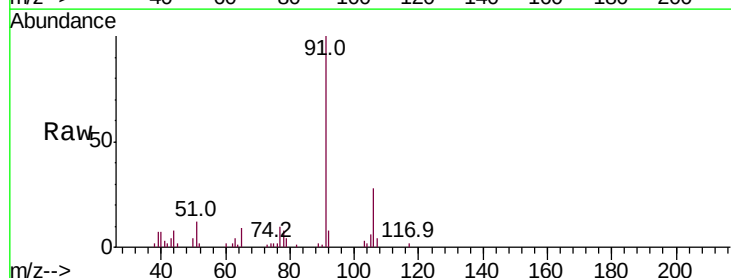


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

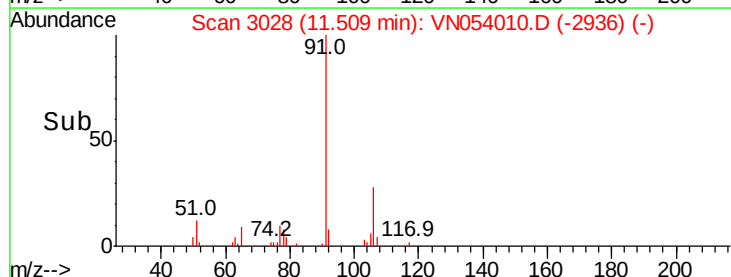
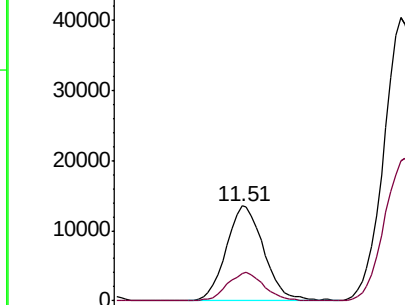


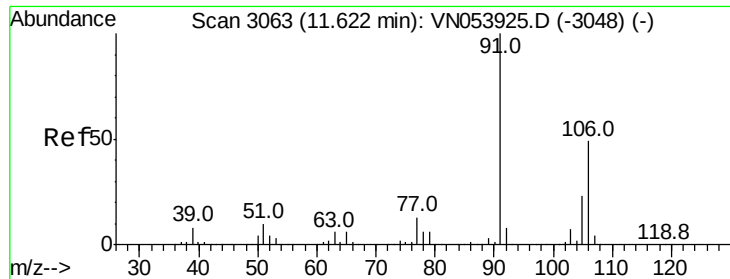
#67
Ethyl Benzene
Concen: 0.640 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Tgt Ion: 91 Resp: 23621
Ion Ratio Lower Upper
91 100
106 28.3 25.2 37.8



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

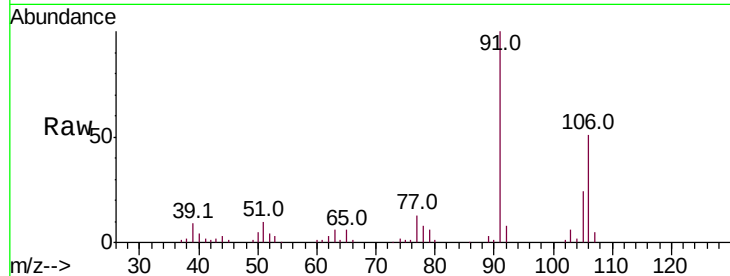




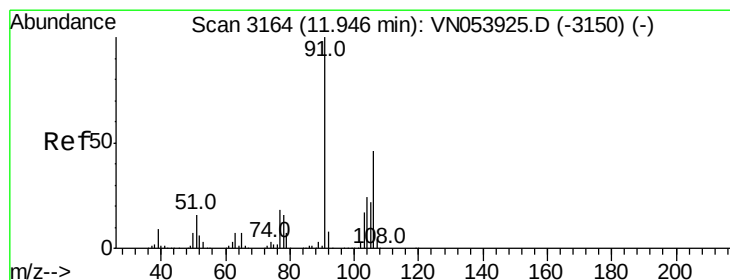
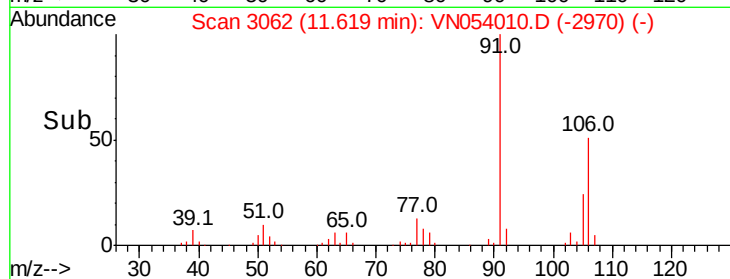
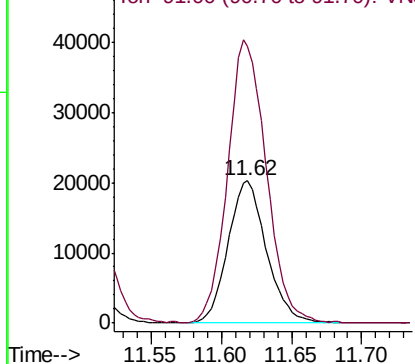
#68
m/p-Xylenes
Concen: 2.773 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 38650
Ion Ratio Lower Upper
106 100
91 200.1 158.9 238.3

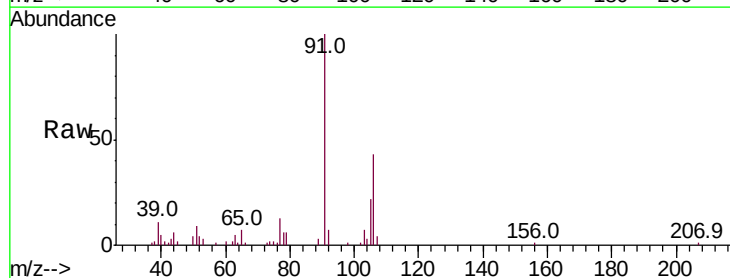


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

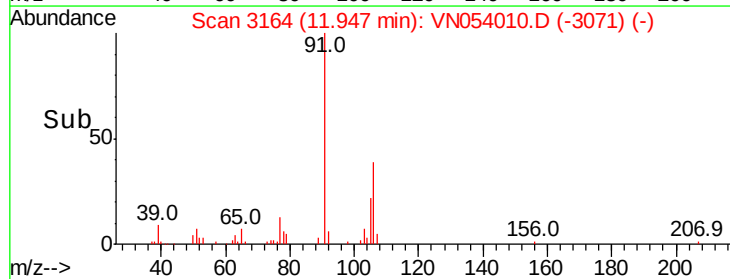
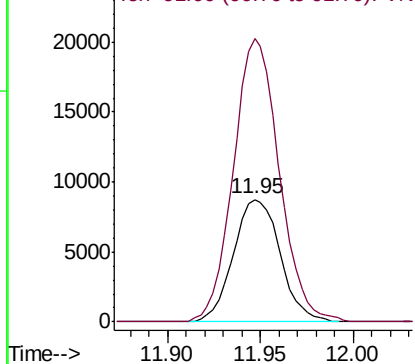


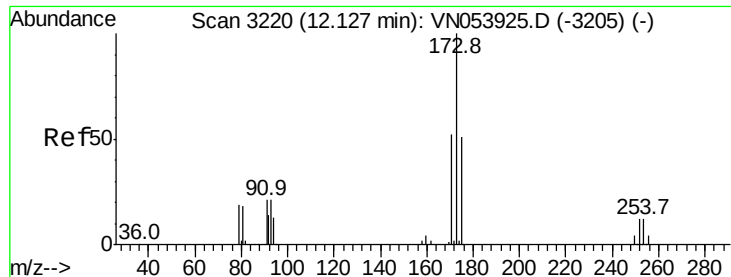
#69
o-Xylene
Concen: 1.122 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054010.D
Acq: 28 Feb 2019 17:54

Tgt Ion:106 Resp: 15371
Ion Ratio Lower Upper
106 100
91 226.4 106.0 318.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.587 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

ClientSampled :

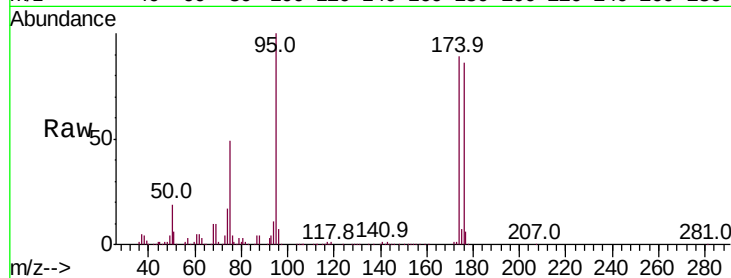
Tot Ion:173 Resp: 3242

Ion Ratio Lower Upper

173 100

175 766.4 24.3 72.8#

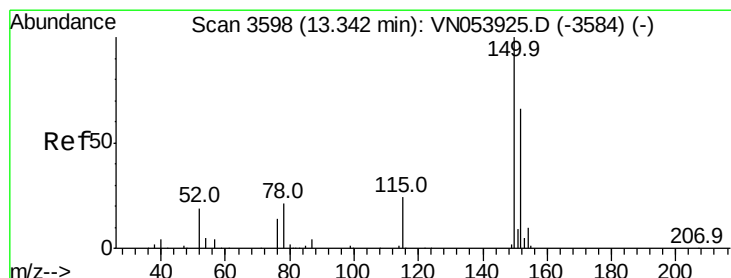
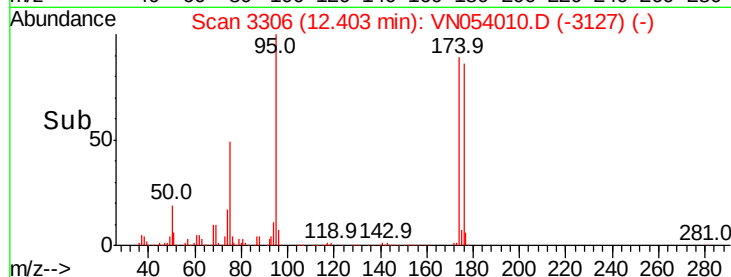
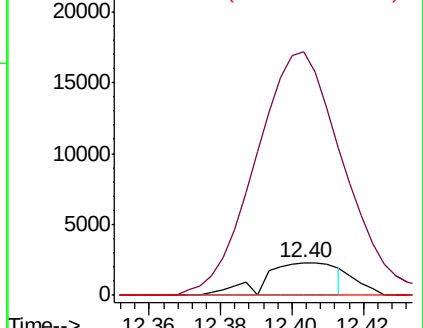
254 0.0 0.2 0.2#



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: VN054010.D

Acq: 28 Feb 2019 17:54

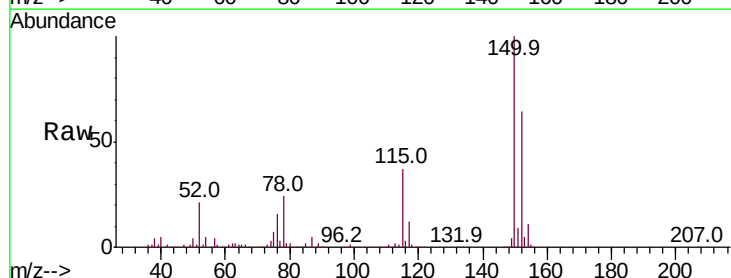
Tgt Ion:152 Resp: 378134

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

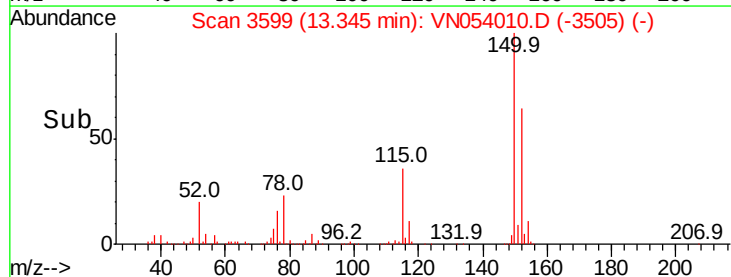
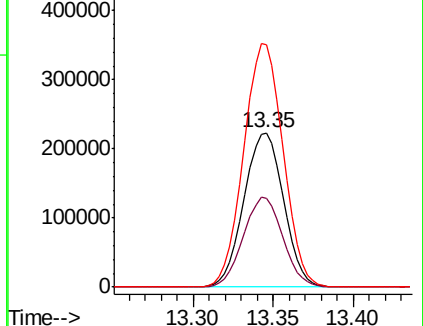
150 156.9 0.0 348.2

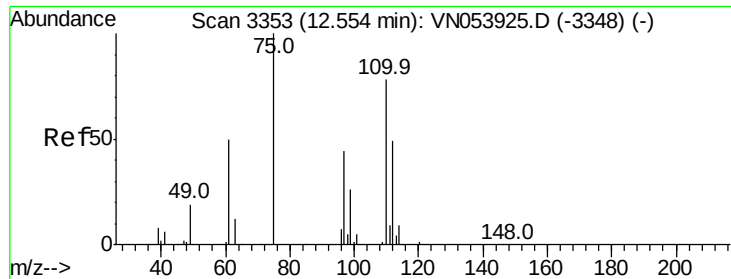


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 35.888 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

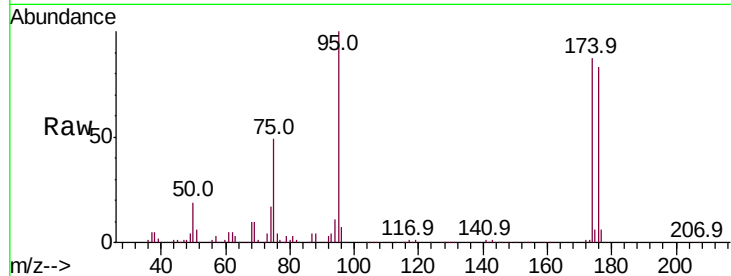
ClientSampled :

Tot Ion: 75 Resp: 217696

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

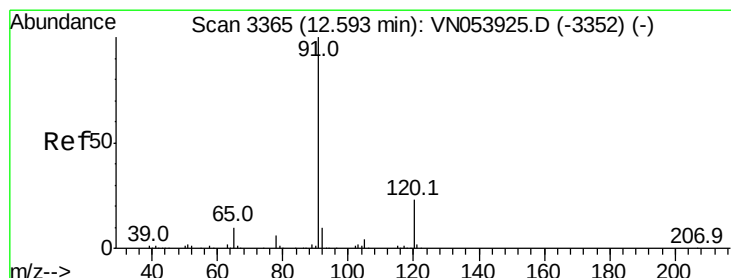
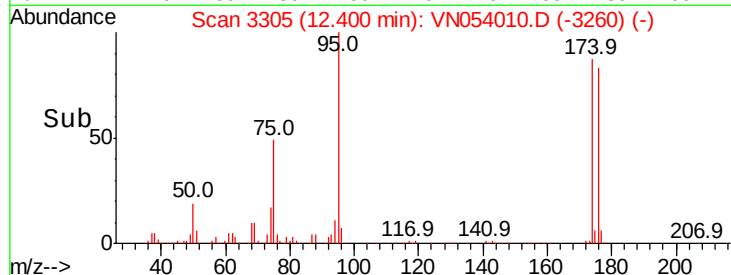
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.518 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054010.D

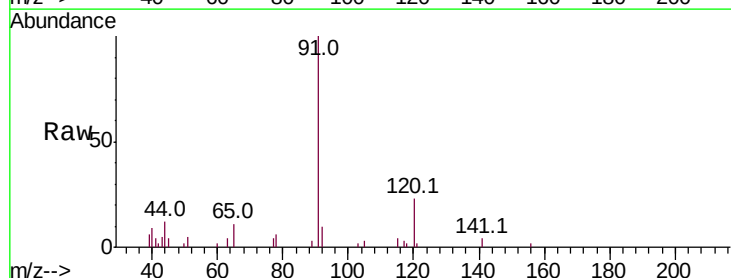
Acq: 28 Feb 2019 17:54

Tgt Ion: 91 Resp: 17352

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

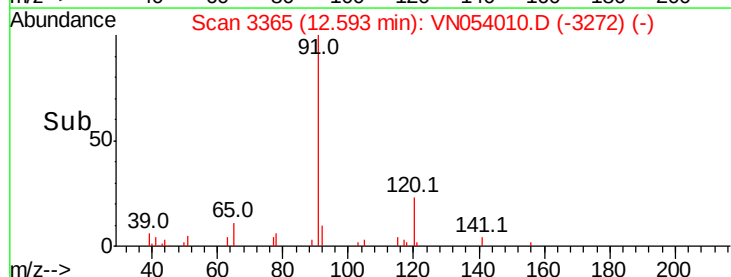
12.59

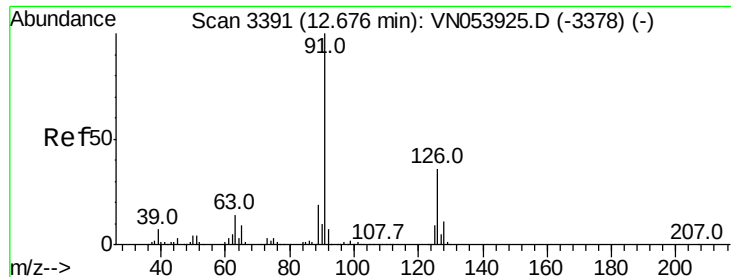
10000

5000

0

Time-->





#79

2-Chlorotoluene

Concen: 0.348 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

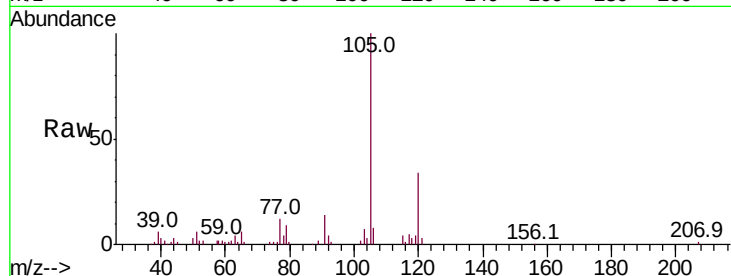
ClientSampled :

Tot Ion: 91 Resp: 6992

Ion Ratio Lower Upper

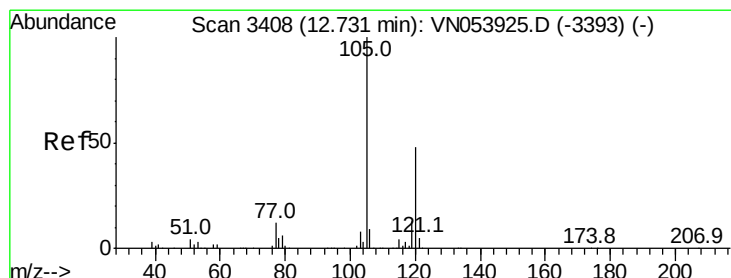
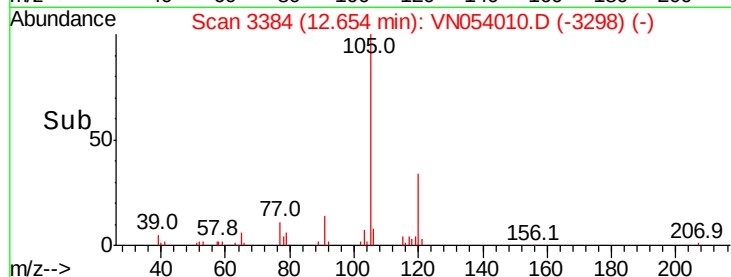
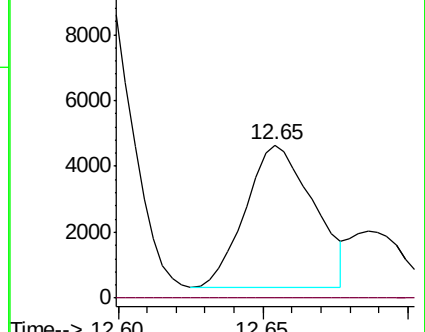
91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN053925.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN053925.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.484 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054010.D

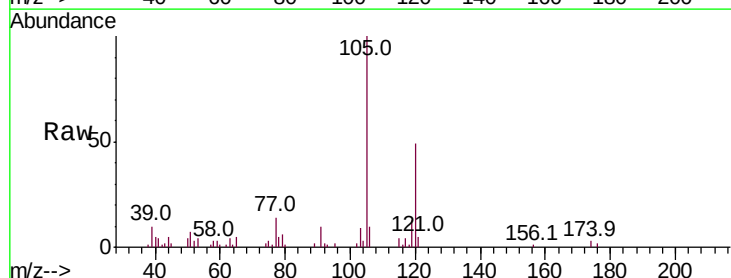
Acq: 28 Feb 2019 17:54

Tgt Ion: 105 Resp: 35768

Ion Ratio Lower Upper

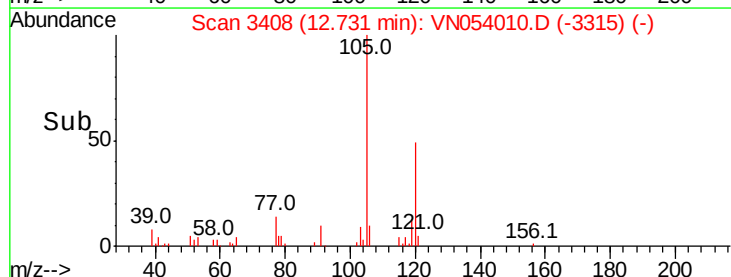
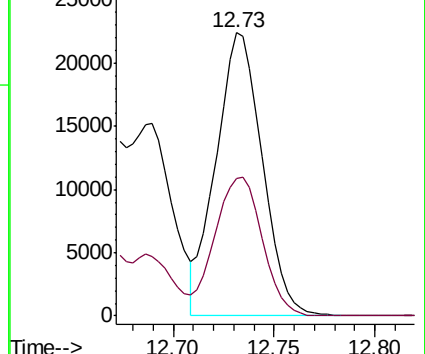
105 100

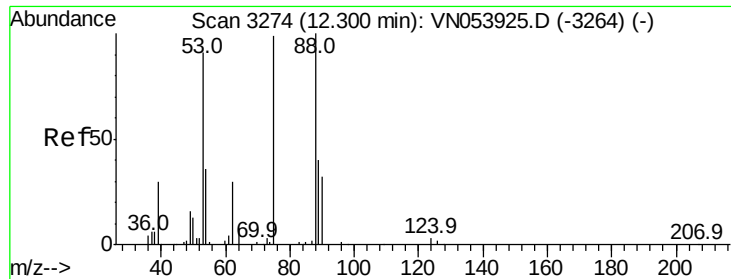
120 49.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053925.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN053925.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 113.429 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

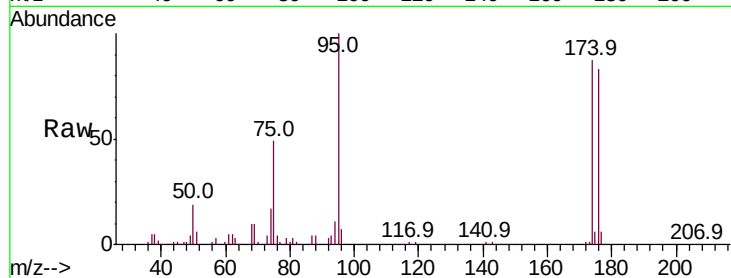
Tot Ion: 75 Resp: 217696

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

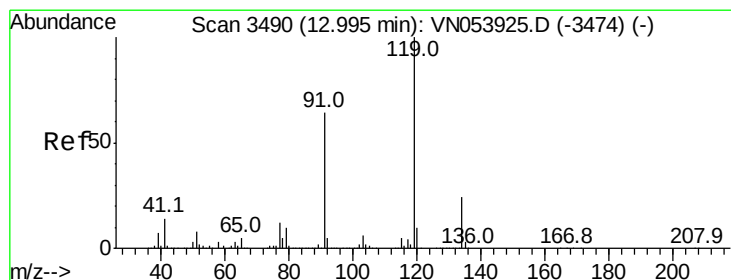
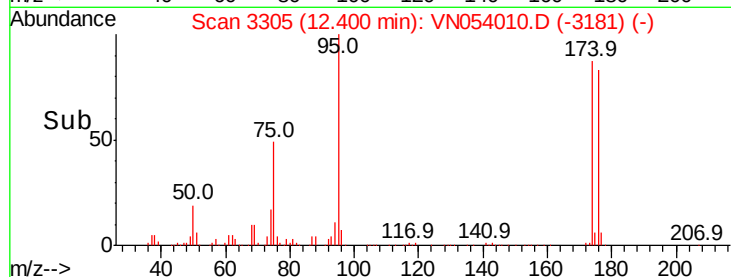
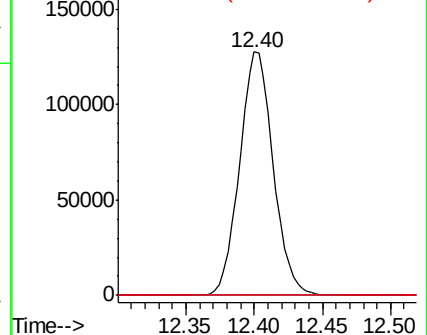
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: 0.628 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

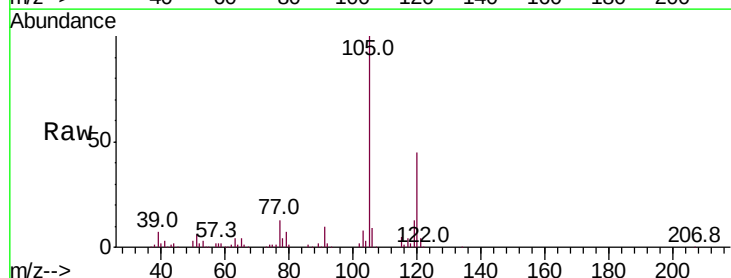
Tgt Ion: 119 Resp: 13382

Ion Ratio Lower Upper

119 100

91 86.7 30.6 91.8

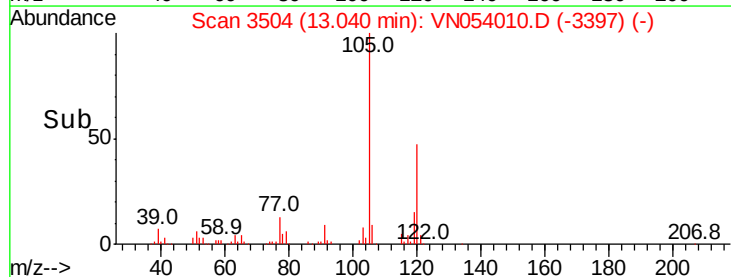
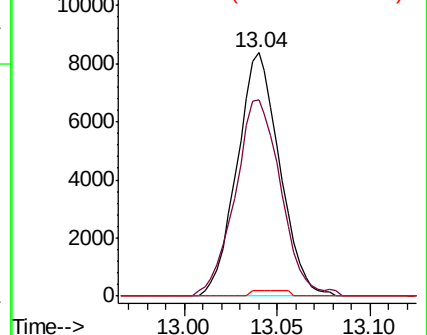
134 1.8 13.0 39.0#

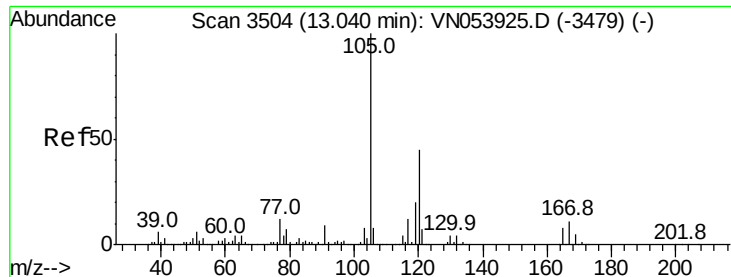


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 4.488 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

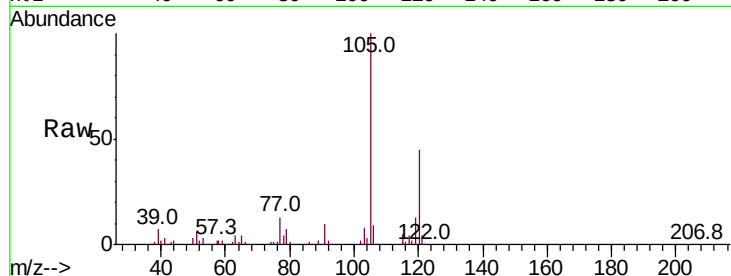
ClientSampled :

Tot Ion:105 Resp: 107966

Ion Ratio Lower Upper

105 100

120 45.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

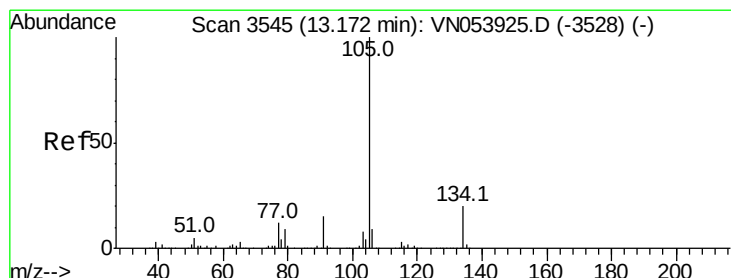
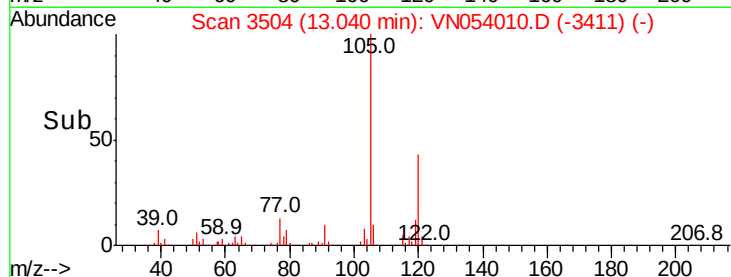
60000

40000

20000

0

Time--> 12.95 13.00 13.05 13.10



#85

sec-Butylbenzene

Concen: 3.709 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054010.D

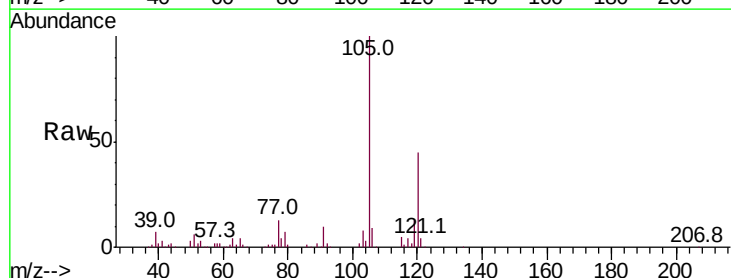
Acq: 28 Feb 2019 17:54

Tgt Ion:105 Resp: 107966

Ion Ratio Lower Upper

105 100

134 0.2 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.04

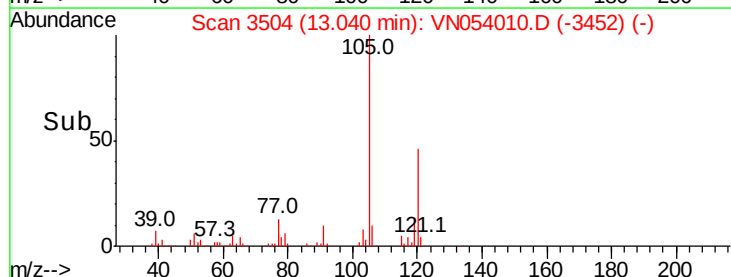
60000

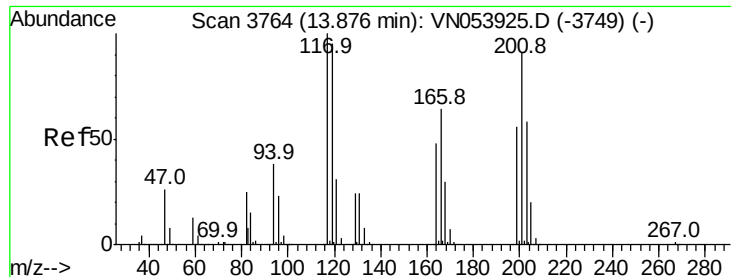
40000

20000

0

Time--> 12.95 13.00 13.05 13.10





#90

Hexachloroethane

Concen: 0.307 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

Instrument :

MSVOA_N

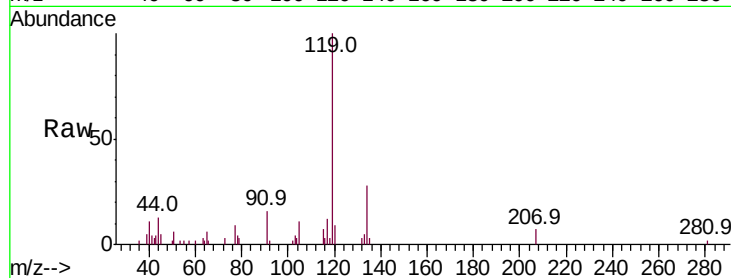
ClientSampled :

Tot Ion:117 Resp: 1464

Ion Ratio Lower Upper

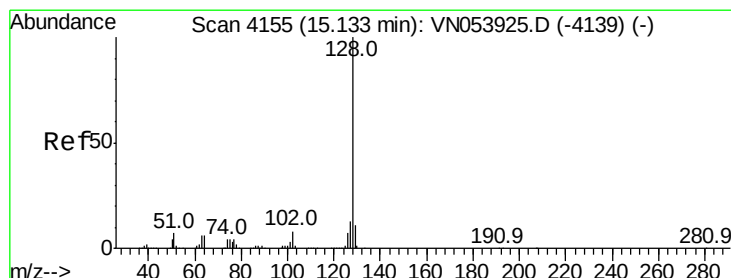
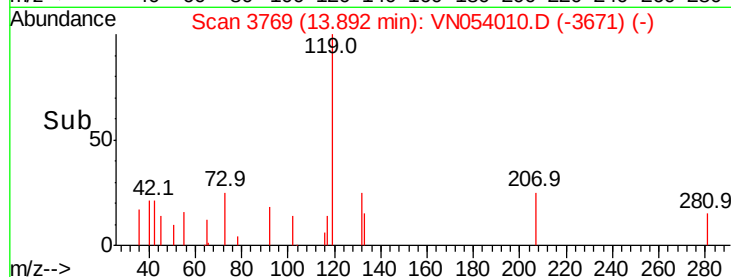
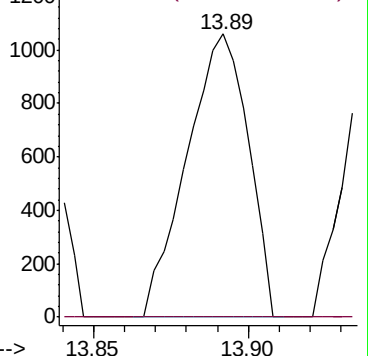
117 100

201 0.0 48.0 144.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 4.156 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054010.D

Acq: 28 Feb 2019 17:54

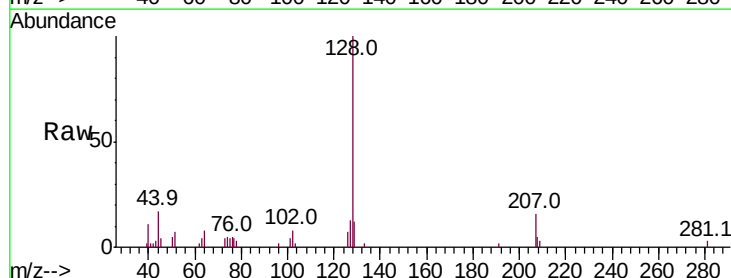
Tgt Ion:128 Resp: 15100

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.2

129 12.2 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

