

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054006.D
 Acq On : 28 Feb 2019 16:07
 Operator : JC/SP
 Sample : K1341-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 01 03:56:45 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	567458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1103077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1073553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	443584	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	393061	59.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.18%	
35) Dibromofluoromethane	7.59	113	360149	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.09	98	1407619	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.40	95	485212	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds

						Qvalue
13) Acrolein	3.61	56	131	0.300	ug/l #	45
16) Acetone	3.82	43	23549	1.277	ug/l	93
18) Methyl Acetate	4.33	43	3291	0.708	ug/l #	77
20) Methylene Chloride	4.55	84	106819	16.225	ug/l	92
25) 2-Butanone	6.84	43	6208	2.377	ug/l #	87
29) Tetrahydrofuran	7.22	42	2088	1.200	ug/l #	55
30) Chloroform	7.37	83	2657	0.236	ug/l #	79
31) Cyclohexane	7.67	56	10923	0.622	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	40326	3.931	ug/l #	48
38) Carbon Tetrachloride	7.66	117	52355	4.907	ug/l #	16
43) Isopropyl Acetate	8.17	43	38577	3.119	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	2141	0.252	ug/l #	44
48) Methyl methacrylate	9.18	41	13330	2.343	ug/l #	22
49) 1,4-Dioxane	9.27	88	29	0.376	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	11083	1.744	ug/l #	34
52) Toluene	10.16	92	8835	0.476	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	76091	6.377	ug/l #	70
56) Ethyl methacrylate	10.54	69	689	2.028	ug/l #	29
57) 1,3-Dichloropropane	10.76	76	13467	1.150	ug/l #	43
59) 2-Hexanone	10.76	43	200359	48.475	ug/l #	48
67) Ethyl Benzene	11.51	91	45371	1.195	ug/l	99
68) m/p-Xylenes	11.62	106	102065	7.120	ug/l	99
69) o-Xylene	11.95	106	80127	5.688	ug/l	92
70) Styrene	11.95	104	4677	0.216	ug/l #	1
71) Bromoform	12.40	173	3511	0.618	ug/l #	1
73) Isopropylbenzene	12.25	105	32009	0.927	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	232678	32.698	ug/l #	100
78) n-propylbenzene	12.59	91	88184	2.246	ug/l	99
79) 2-Chlorotoluene	12.66	91	27706	1.174	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	175908	6.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	232678	103.348	ug/l #	15
82) 4-Chlorotoluene	12.73	91	18264	0.783	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.04	105	734579	26.029	ug/l	99
85) sec-Butylbenzene	13.17	105	35417	1.037	ug/l	88

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

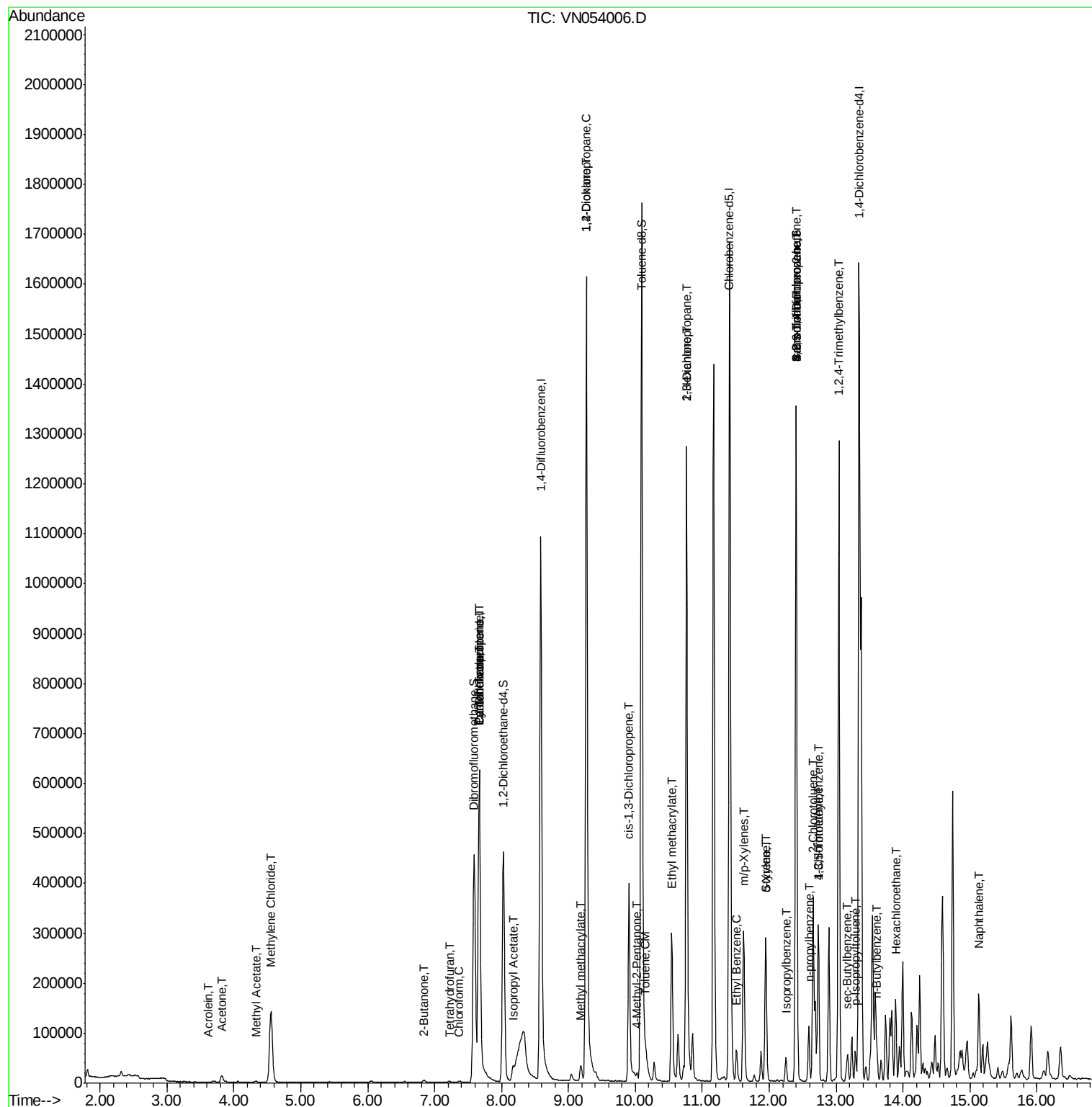
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.29	119	33962	1.176	ug/l	97
89) n-Butylbenzene	13.61	91	25373	1.043	ug/l #	72
90) Hexachloroethane	13.89	117	9218	1.648	ug/l #	2
95) Naphthalene	15.13	128	144728	10.923	ug/l	98

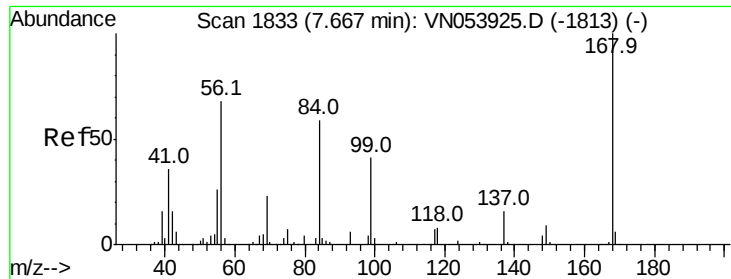
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054006.D

Acq: 28 Feb 2019 16:07

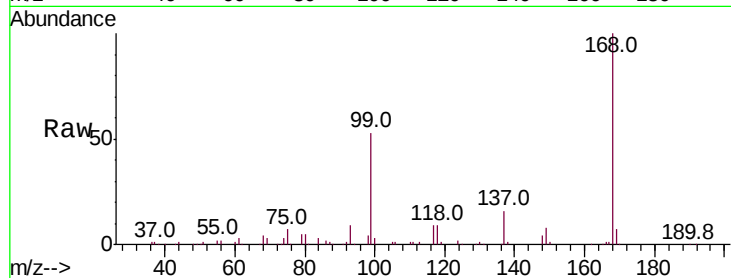
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 567458

Ion Ratio Lower Upper

168 100

99 53.1 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

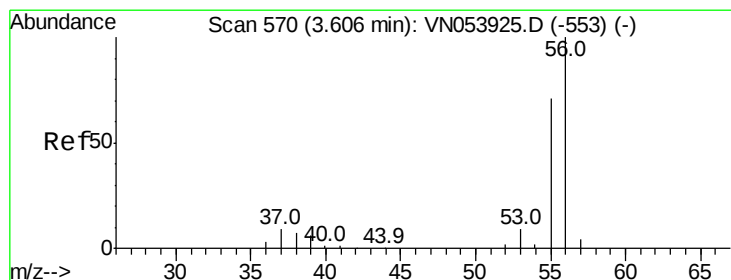
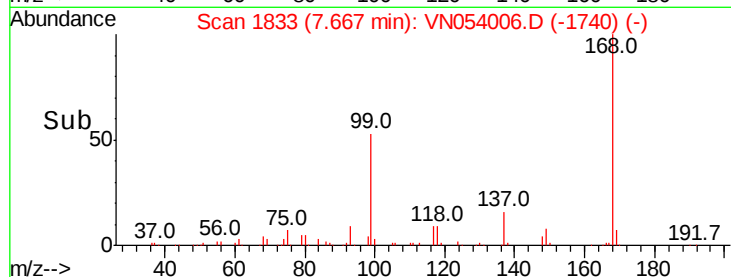
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.300 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054006.D

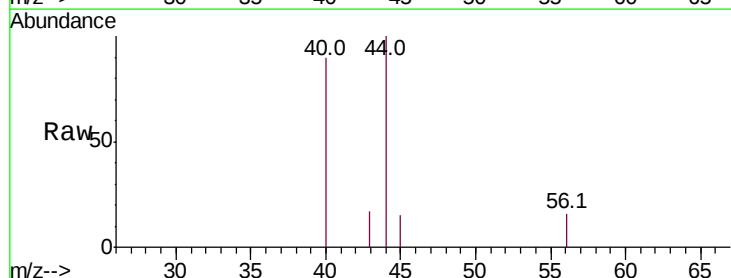
Acq: 28 Feb 2019 16:07

Tgt Ion: 56 Resp: 131

Ion Ratio Lower Upper

56 100

55 25.2 56.3 84.5#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.61

200

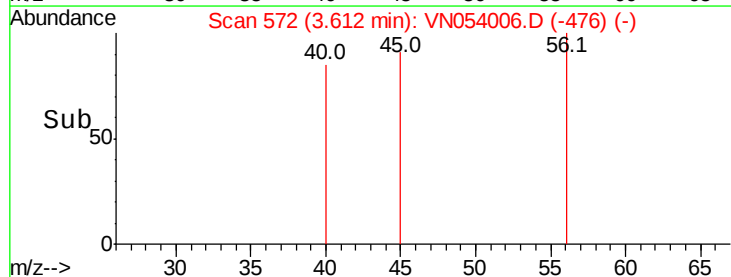
150

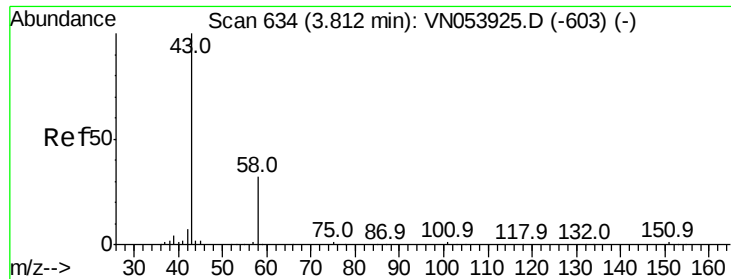
100

50

0

Time-->





#16

Acetone

Concen: 1.277 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

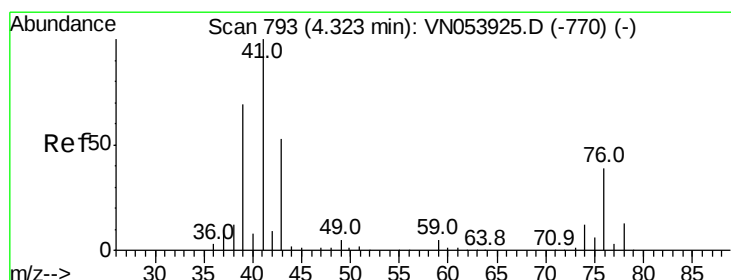
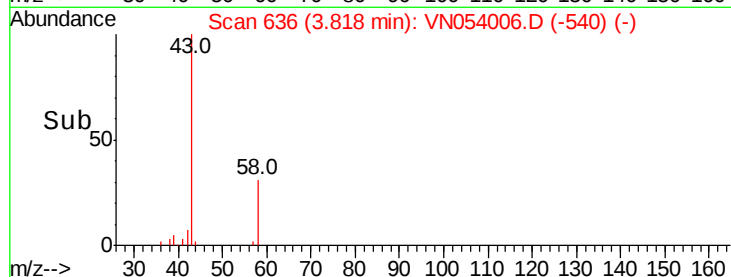
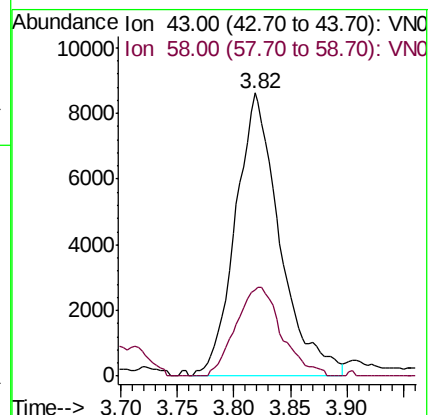
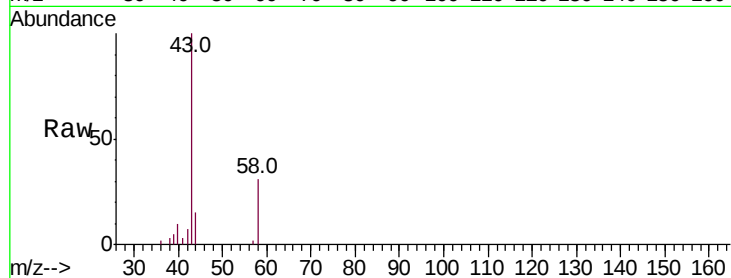
ClientSampleId :

Tot Ion: 43 Resp: 23549

Ion Ratio Lower Upper

43 100

58 30.7 27.6 41.4



#18

Methyl Acetate

Concen: 0.708 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN054006.D

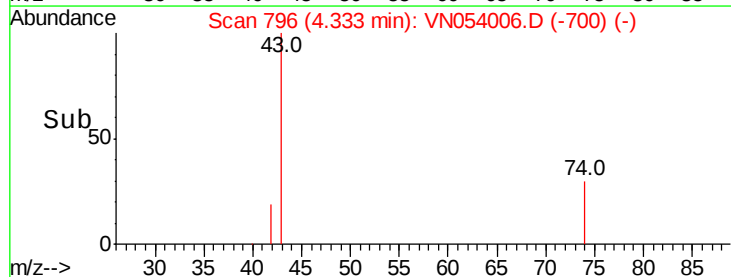
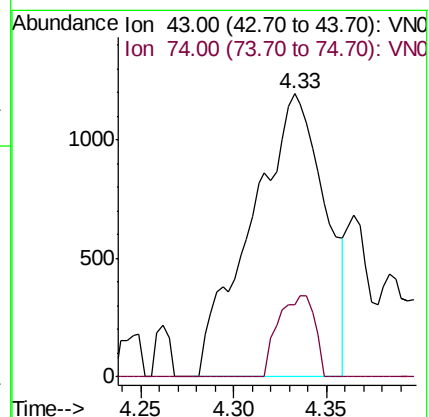
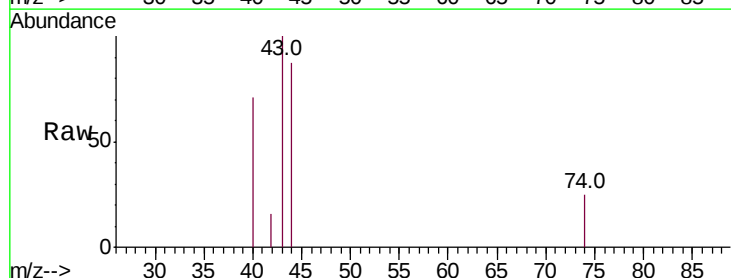
Acq: 28 Feb 2019 16:07

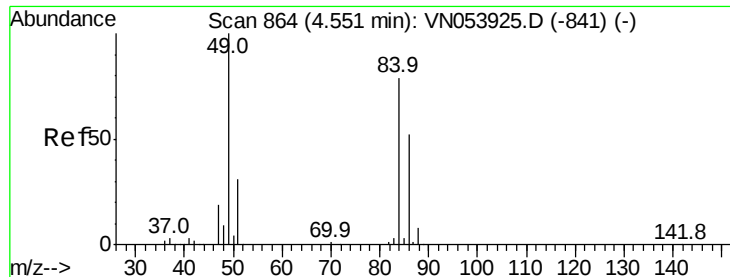
Tgt Ion: 43 Resp: 3291

Ion Ratio Lower Upper

43 100

74 14.1 20.5 30.7#





#20

Methylene Chloride

Concen: 16.225 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 106819

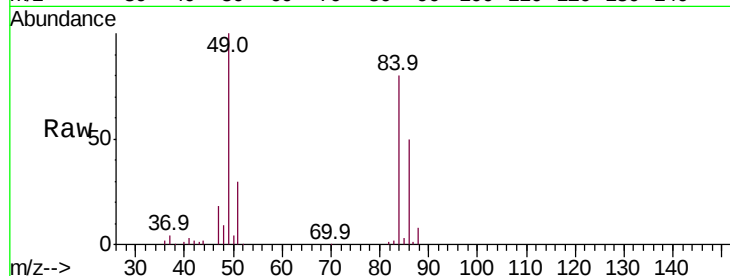
Ion Ratio Lower Upper

84 100

49 125.4 89.7 134.5

51 37.3 27.8 41.8

86 62.4 51.3 76.9

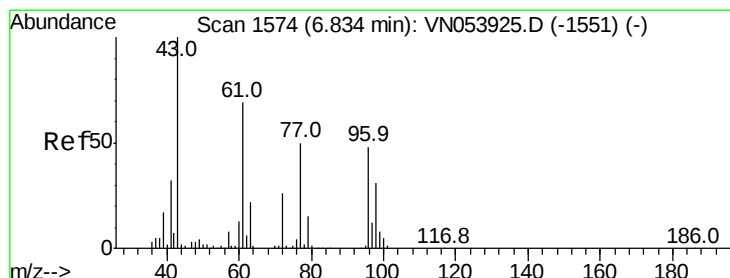
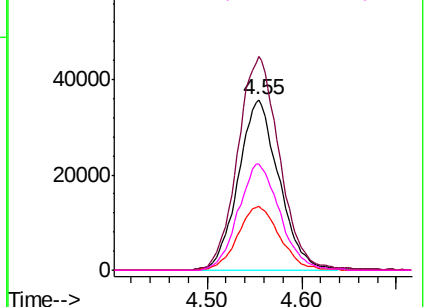
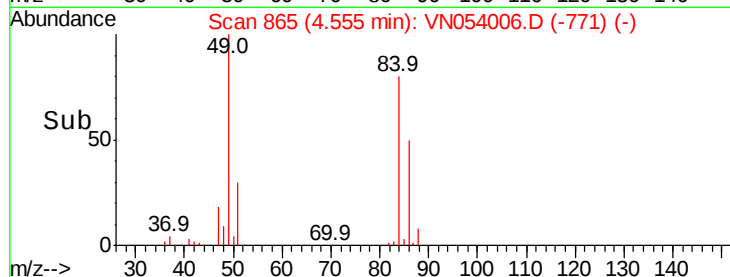


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.377 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN054006.D

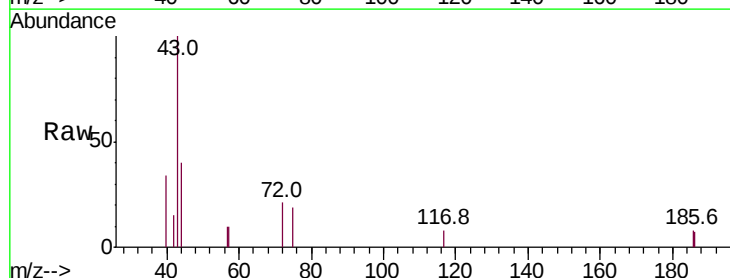
Acq: 28 Feb 2019 16:07

Tgt Ion: 43 Resp: 6208

Ion Ratio Lower Upper

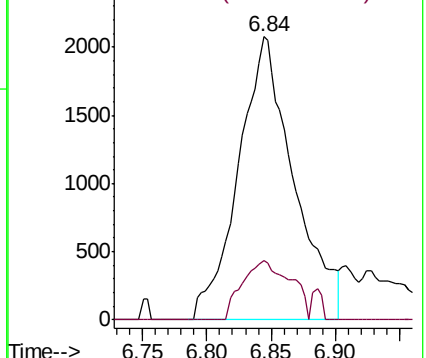
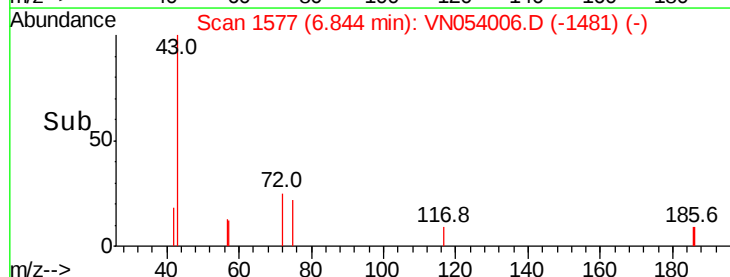
43 100

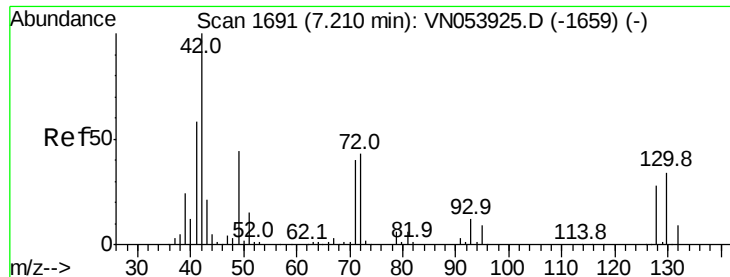
72 20.9 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 1.200 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :
MSVOA_N
ClientSampled :

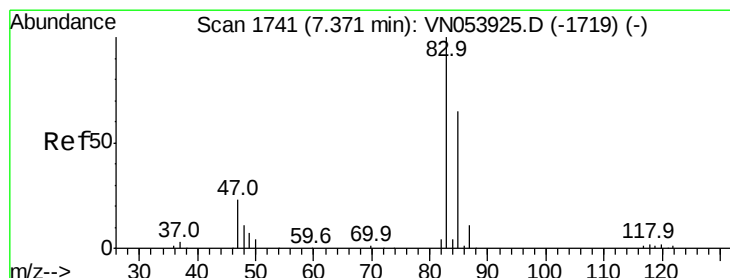
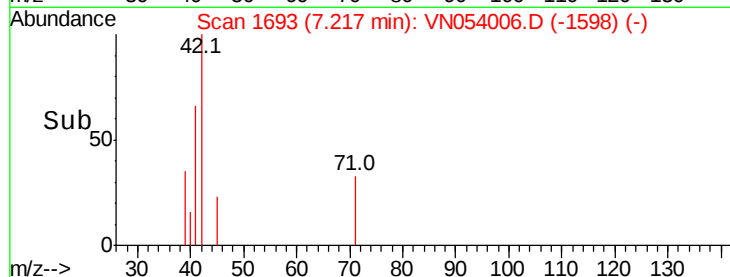
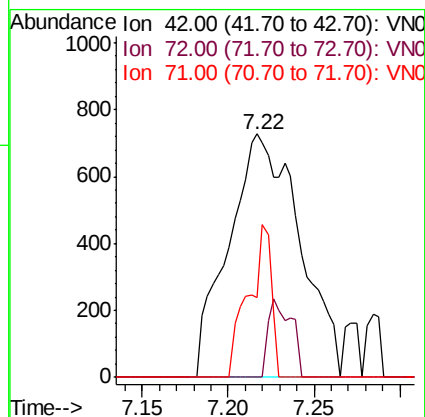
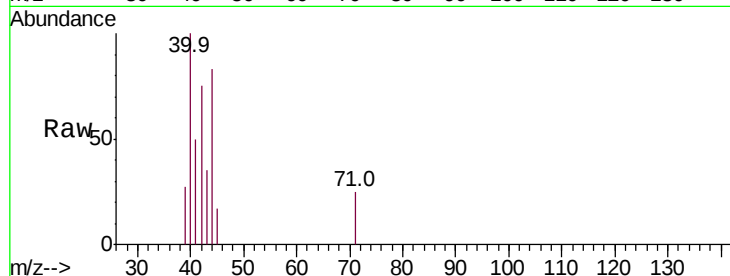
Tot Ion: 42 Resp: 2088

Ion Ratio Lower Upper

42 100

72 10.4 36.9 55.3#

71 20.0 34.6 52.0#



#30

Chloroform

Concen: 0.236 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN054006.D

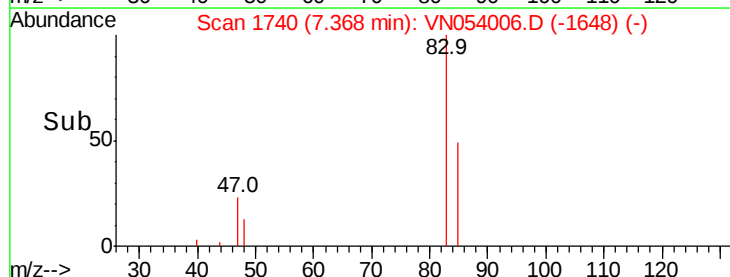
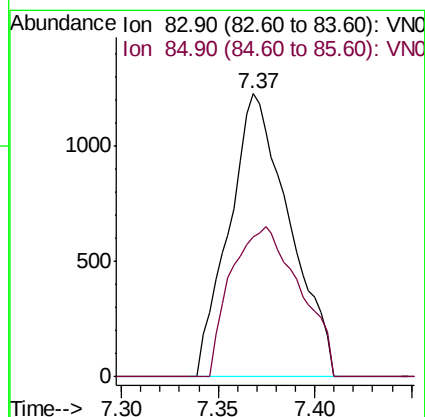
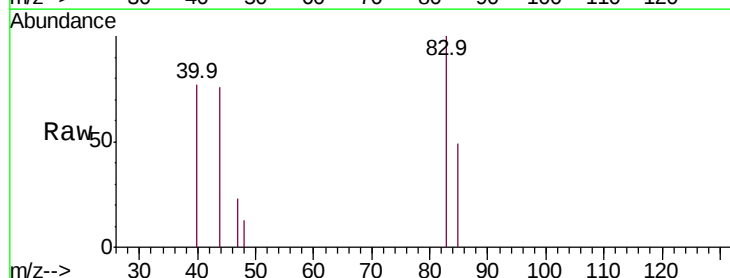
Acq: 28 Feb 2019 16:07

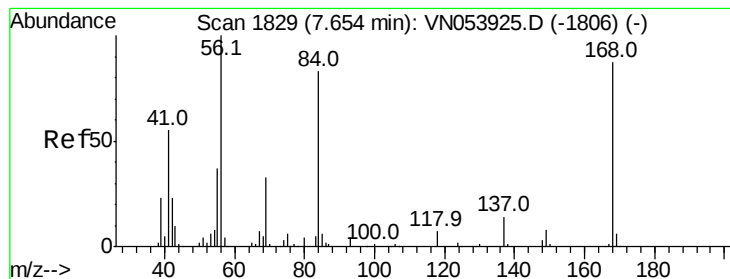
Tgt Ion: 83 Resp: 2657

Ion Ratio Lower Upper

83 100

85 49.2 52.6 78.8#





#31

Cyclohexane

Concen: 0.622 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampled :

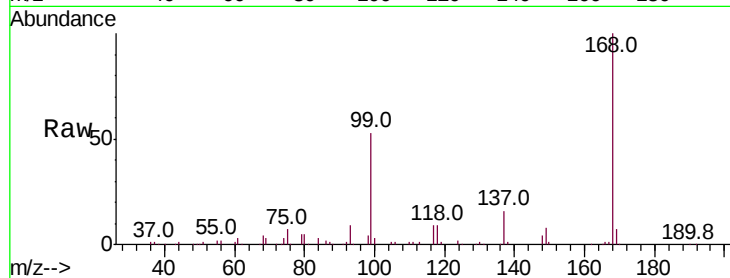
Tot Ion: 56 Resp: 10923

Ion Ratio Lower Upper

56 100

69 175.0 26.0 39.0#

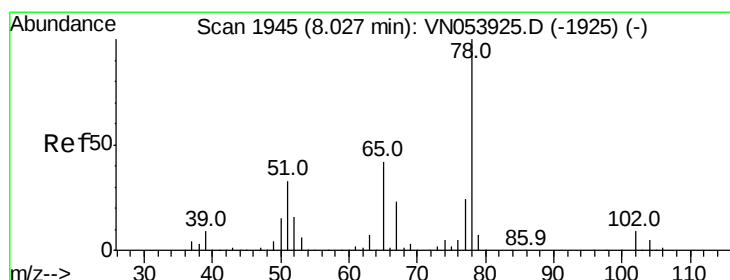
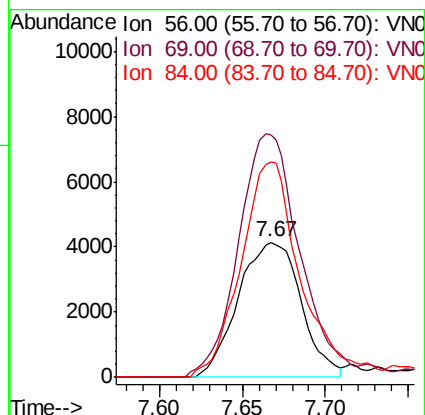
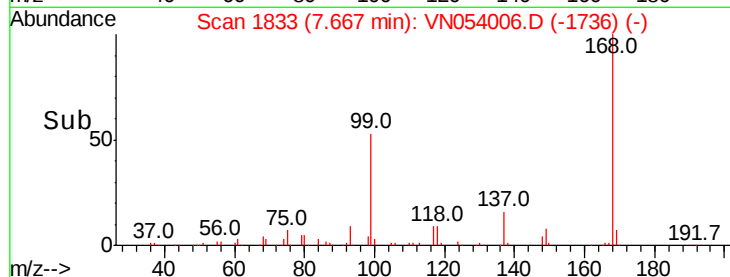
84 160.0 69.1 103.7#



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: 59.090 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054006.D

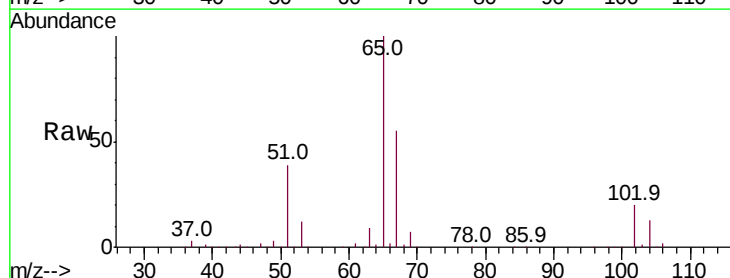
Acq: 28 Feb 2019 16:07

Tgt Ion: 65 Resp: 393061

Ion Ratio Lower Upper

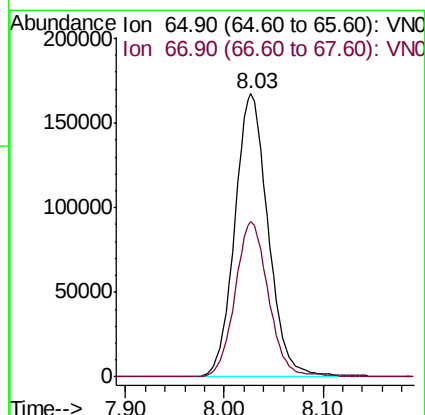
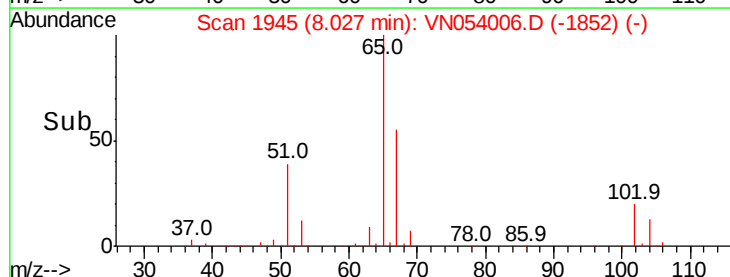
65 100

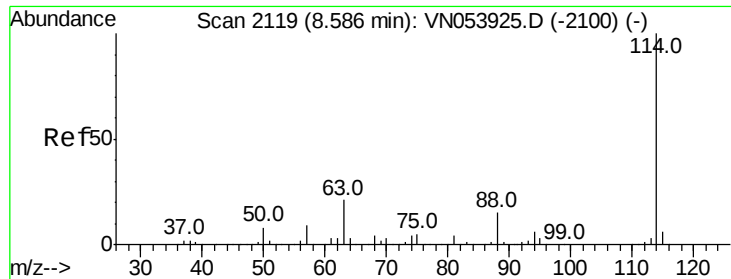
67 54.9 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



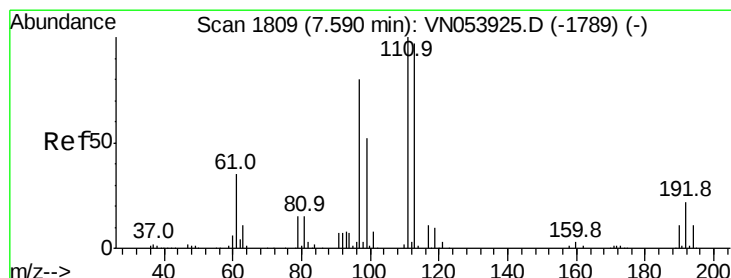
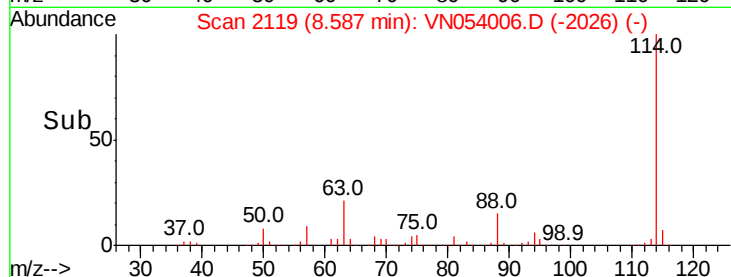
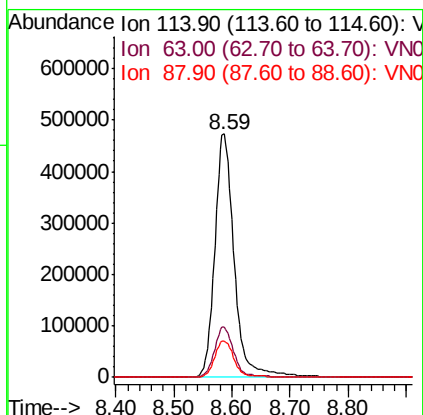
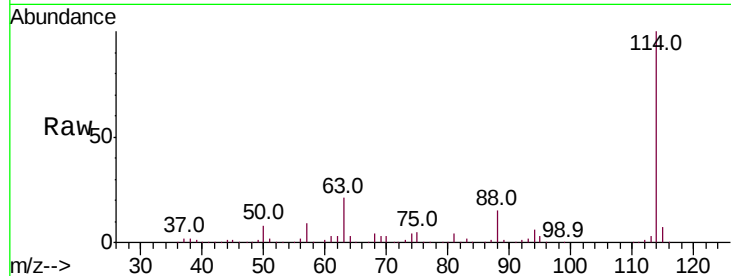


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054006.D
 Acq: 28 Feb 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1103077

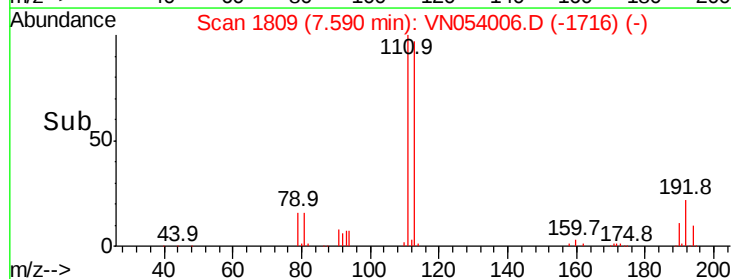
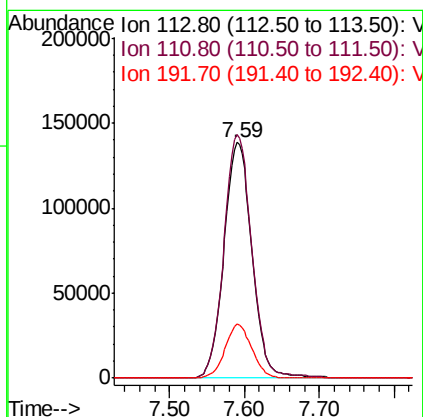
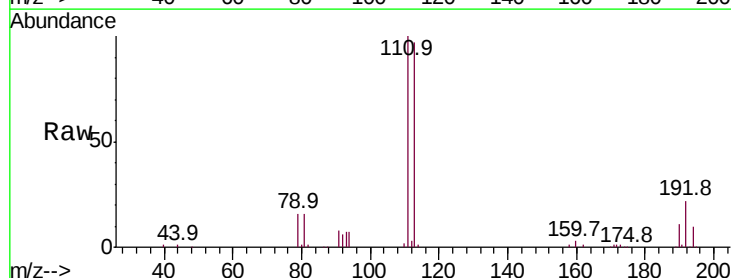
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.4
88	15.0	0.0	30.4

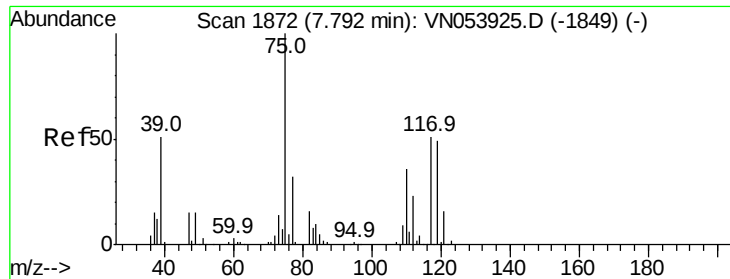


#35
 Dibromofluoromethane
 Concen: 50.490 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054006.D
 Acq: 28 Feb 2019 16:07

Tgt Ion:113 Resp: 360149

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	21.8	18.8	28.2

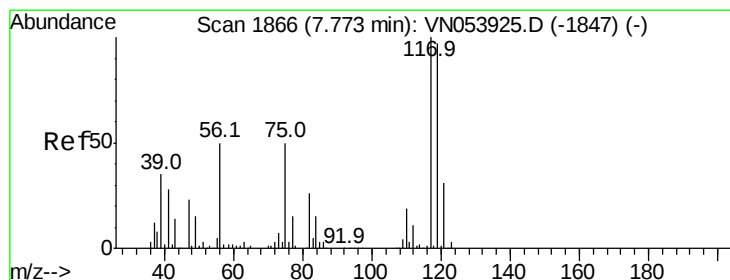
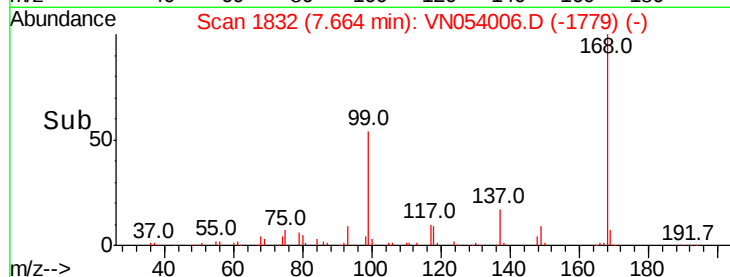
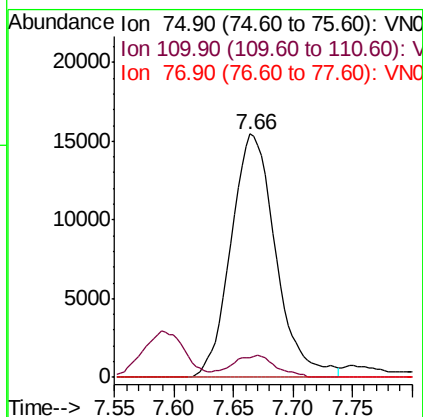
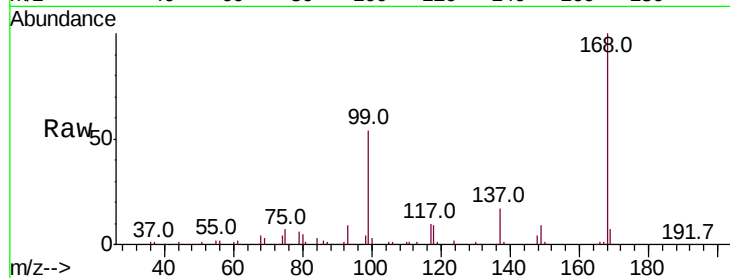




#36
 1,1-Dichloropropene
 Concen: 3.931 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054006.D
 Acq: 28 Feb 2019 16:07

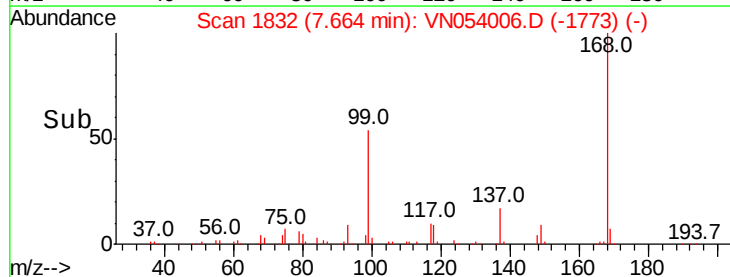
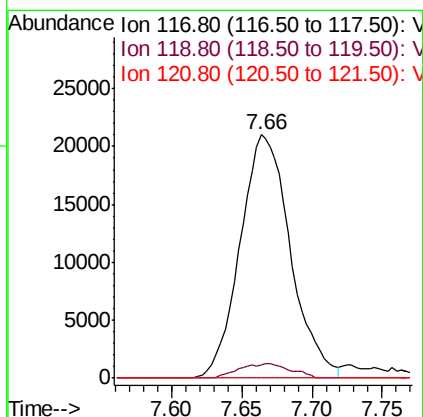
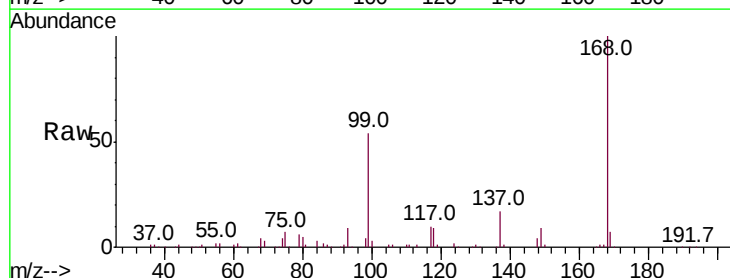
Instrument :
 MSVOA_N
 ClientSampled :

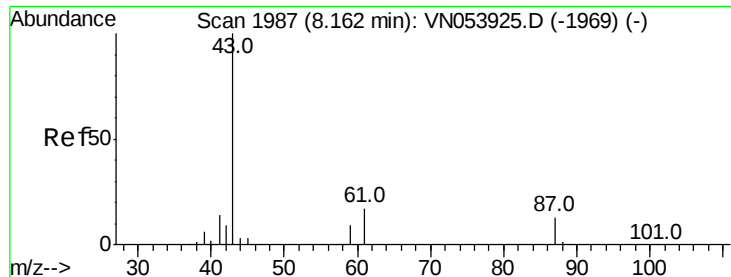
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.0	57.0#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 4.907 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054006.D
 Acq: 28 Feb 2019 16:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 3.119 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

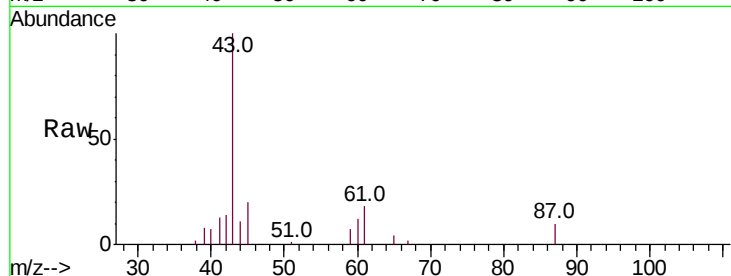
Tot Ion: 43 Resp: 38577

Ion Ratio Lower Upper

43 100

61 17.5 17.4 26.0

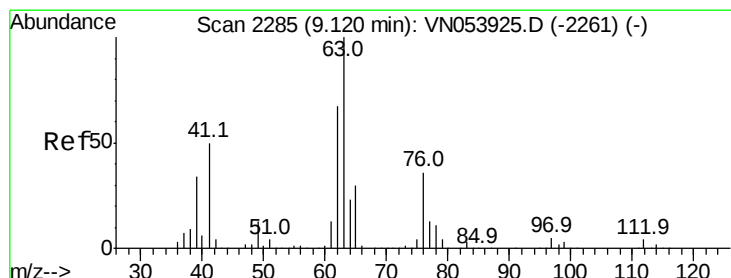
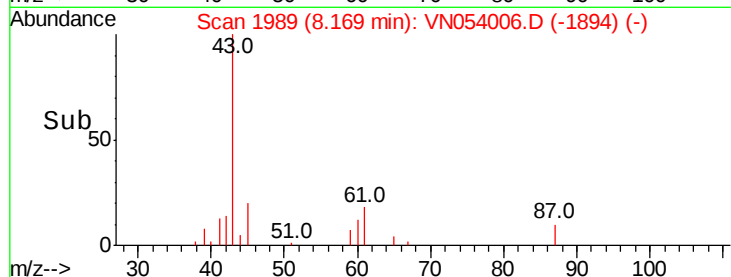
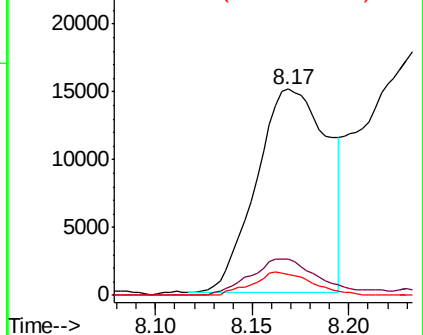
87 9.5 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.252 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054006.D

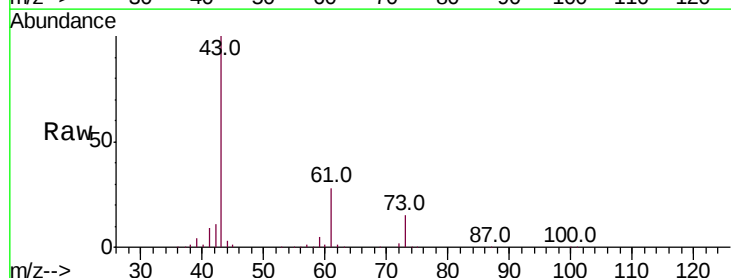
Acq: 28 Feb 2019 16:07

Tgt Ion: 63 Resp: 2141

Ion Ratio Lower Upper

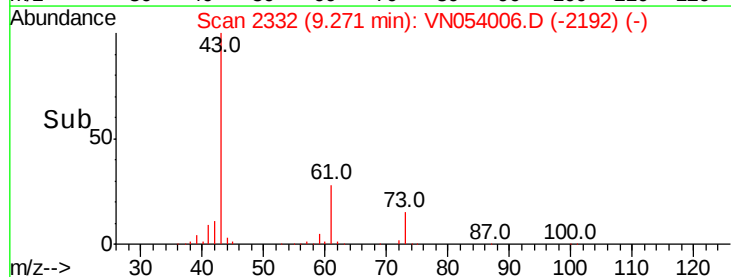
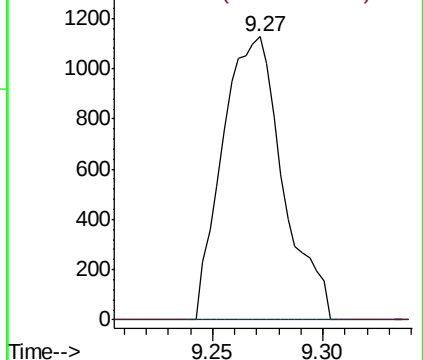
63 100

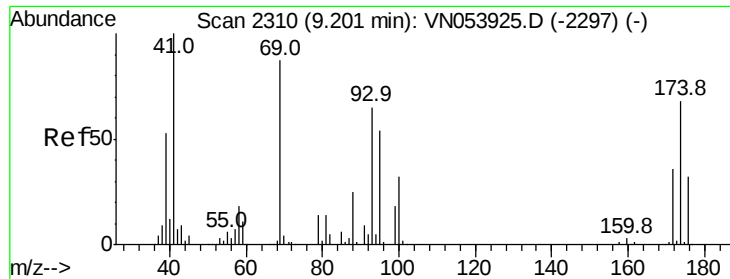
65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

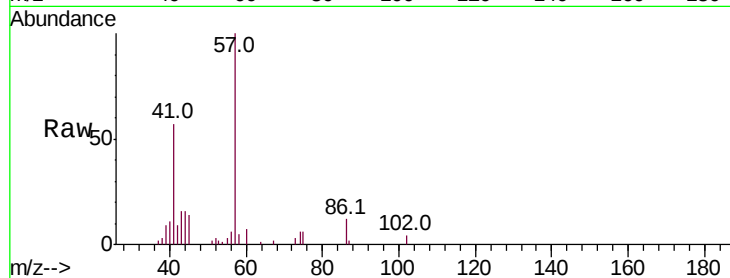




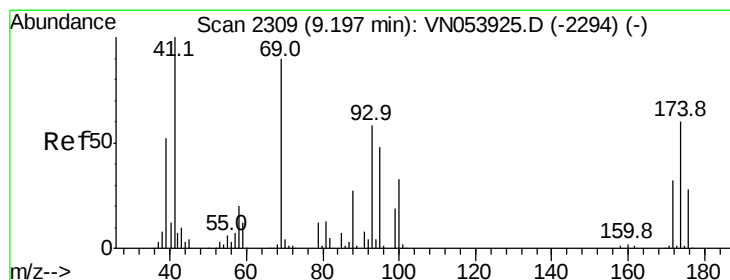
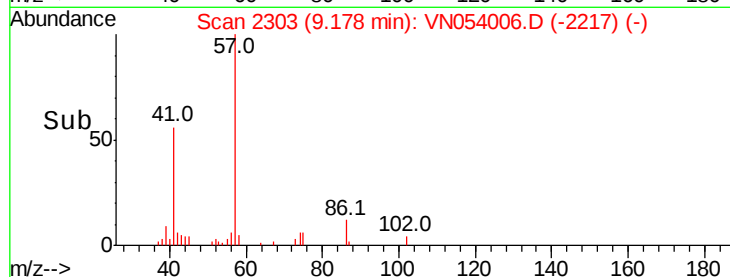
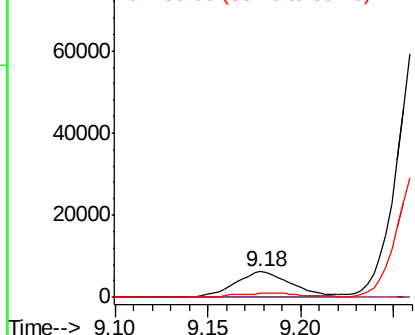
#48
Methyl methacrylate
Concen: 2.343 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 13330
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 21.2 39.0 58.6#

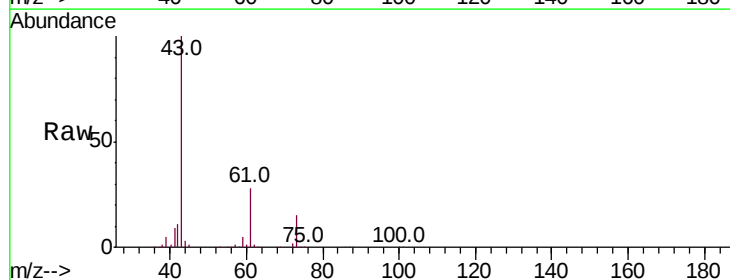


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

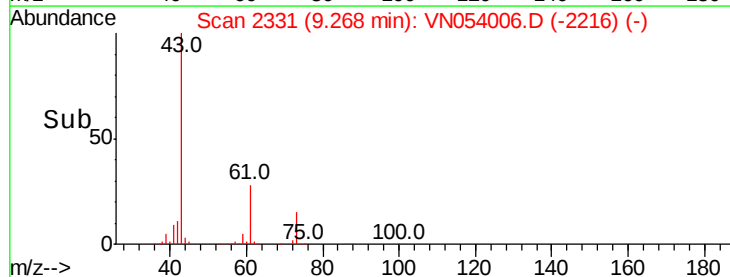
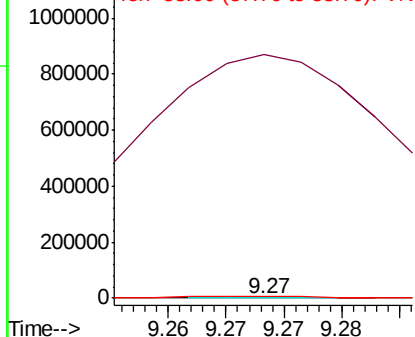


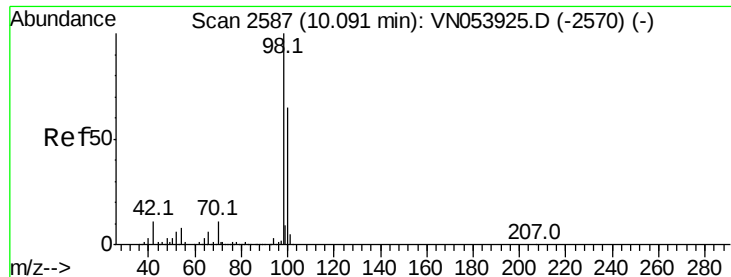
#49
1,4-Dioxane
Concen: 0.376 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 6114065.5 21.2 31.8#
58 31737.9 54.2 81.2#



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





#50

Toluene-d8

Concen: 53.011 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

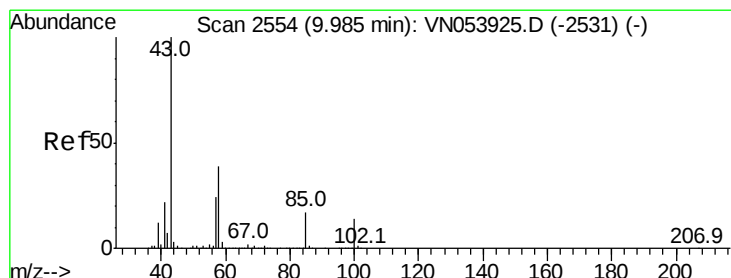
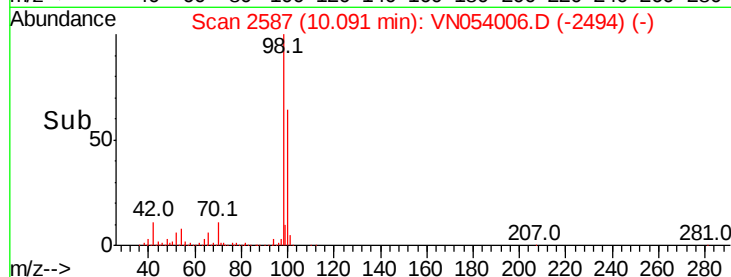
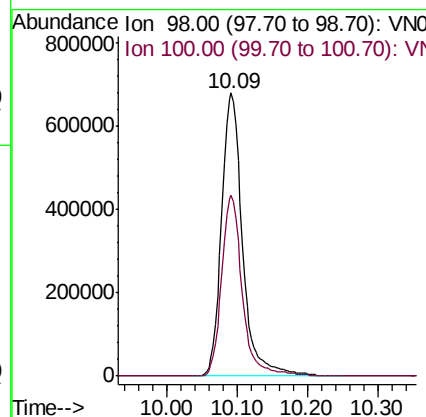
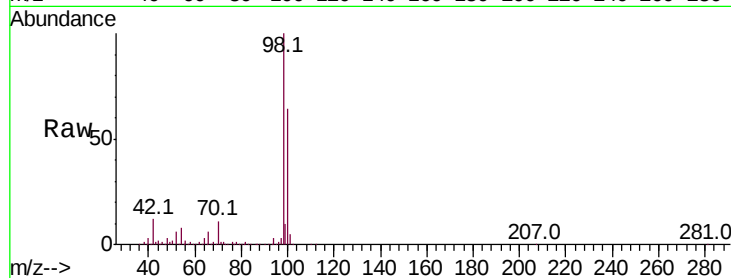
ClientSampleId :

Tot Ion: 98 Resp: 1407619

Ion Ratio Lower Upper

98 100

100 63.1 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.744 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN054006.D

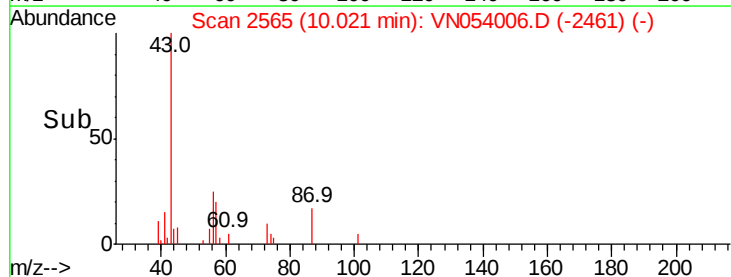
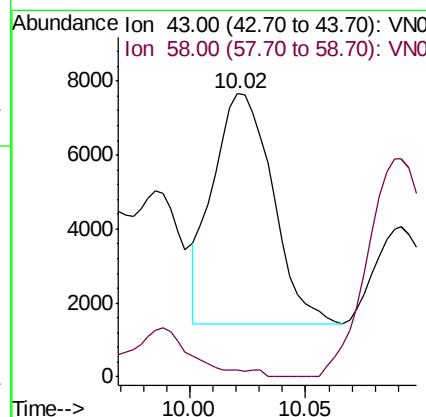
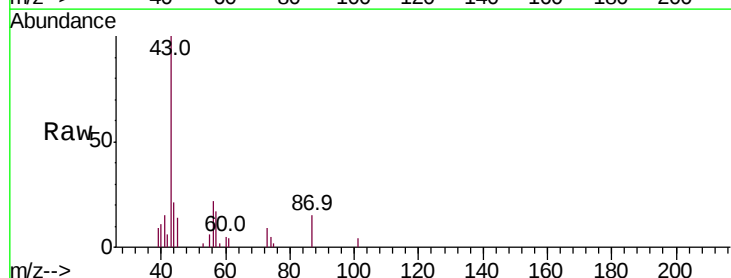
Acq: 28 Feb 2019 16:07

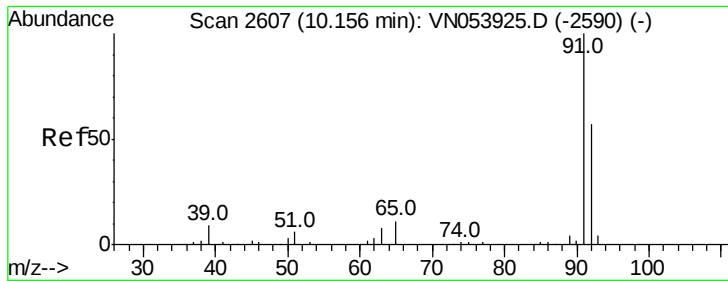
Tgt Ion: 43 Resp: 11083

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#





#52

Toluene

Concen: 0.476 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

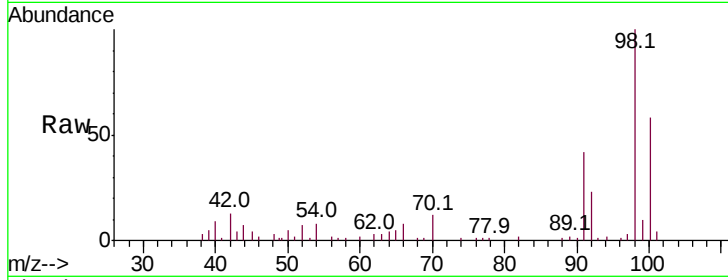
ClientSampleId :

Tot Ion: 92 Resp: 8835

Ion Ratio Lower Upper

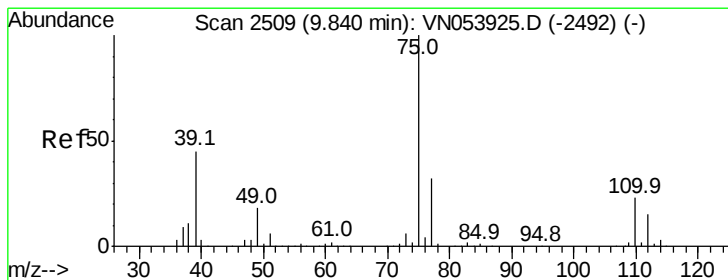
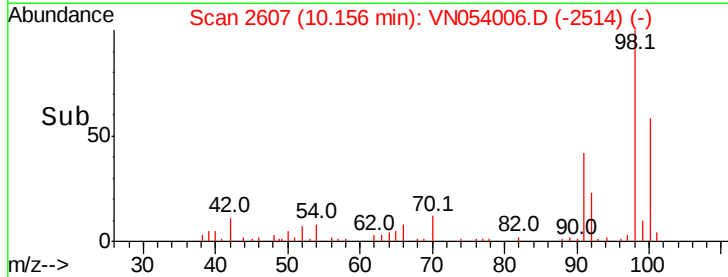
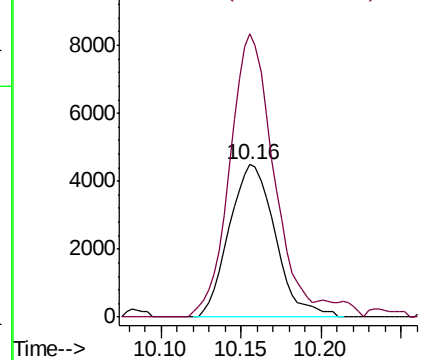
92 100

91 175.9 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.377 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

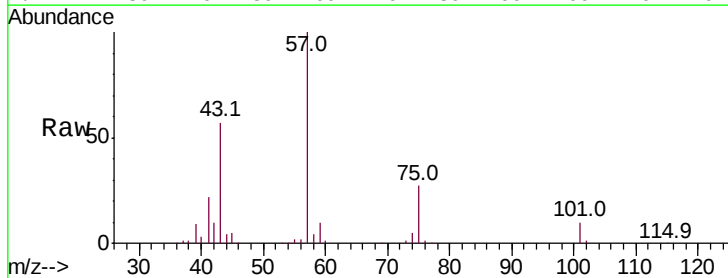
Tgt Ion: 75 Resp: 76091

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

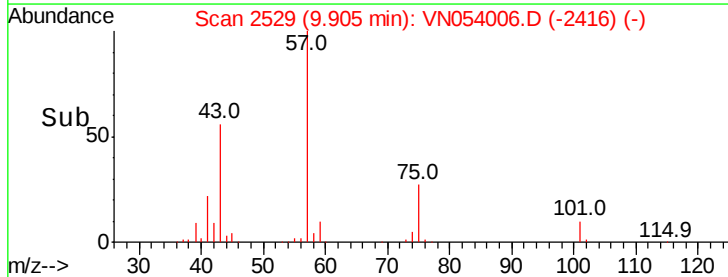
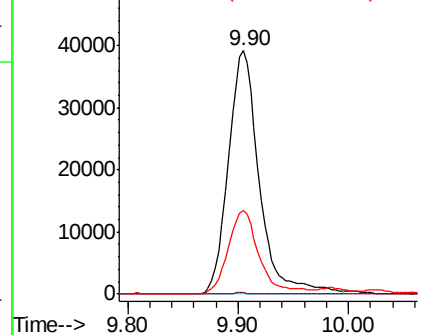
39 34.4 31.4 47.0

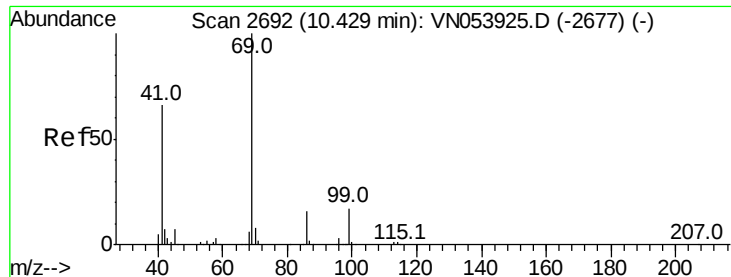


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.028 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.11 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampled :

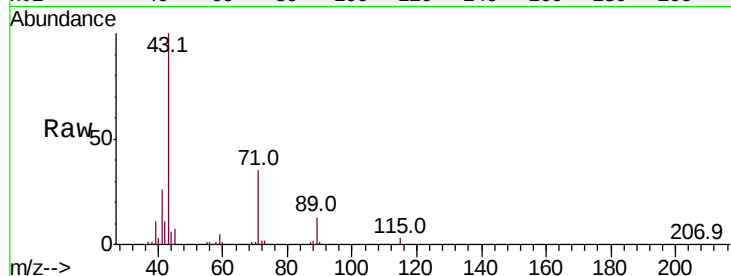
Tot Ion: 69 Resp: 689

Ion Ratio Lower Upper

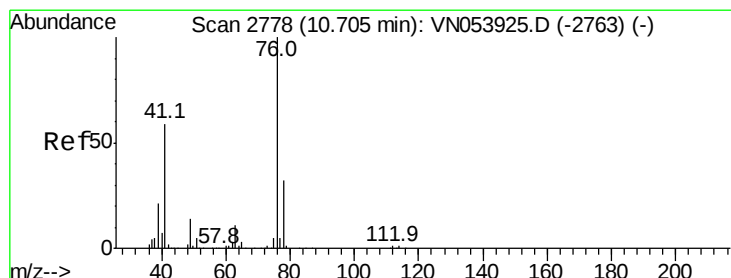
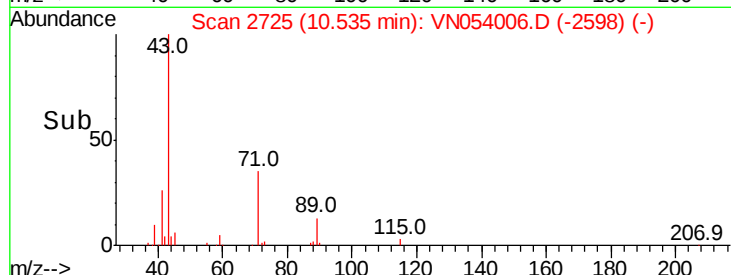
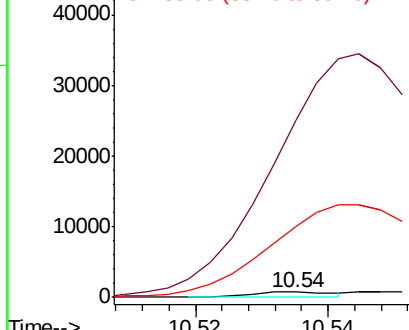
69 100

41 0.0 47.5 71.3#

39 0.0 23.4 35.0#



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



#57

1,3-Dichloropropane

Concen: 1.150 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054006.D

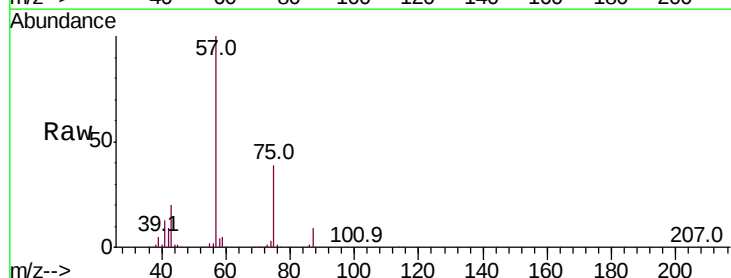
Acq: 28 Feb 2019 16:07

Tgt Ion: 76 Resp: 13467

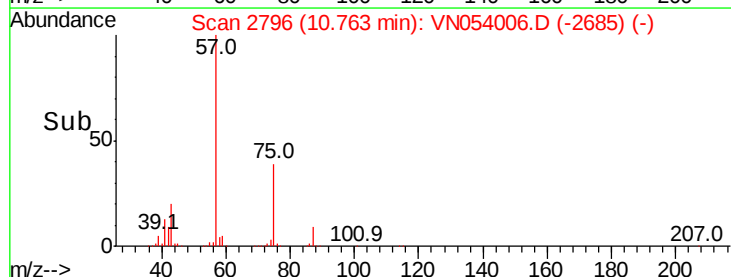
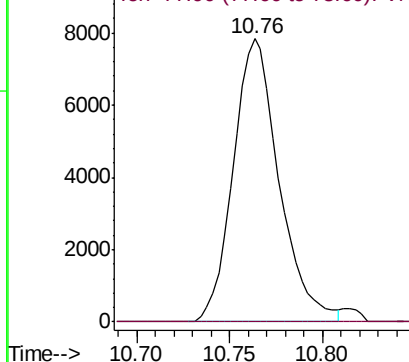
Ion Ratio Lower Upper

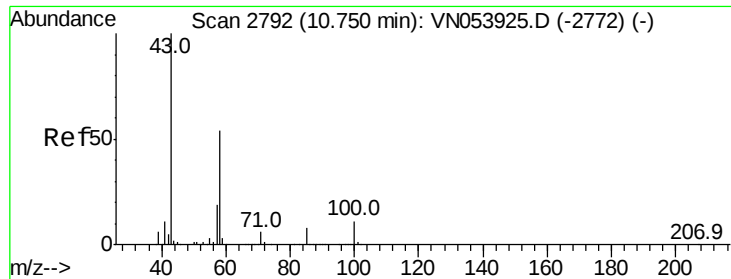
76 100

78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO





#59

2-Hexanone

Concen: 48.475 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

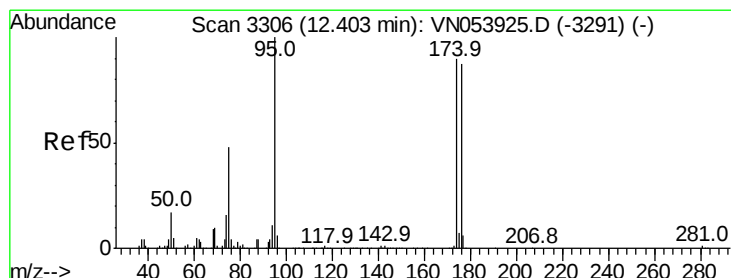
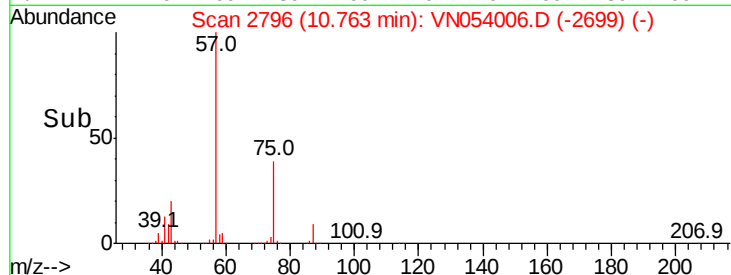
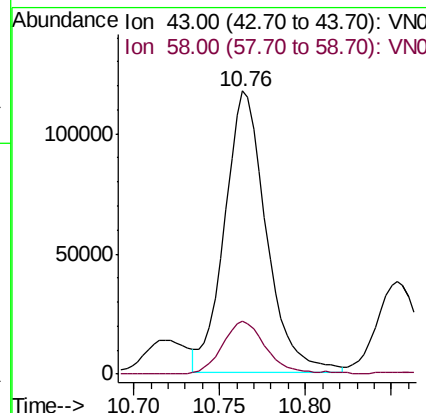
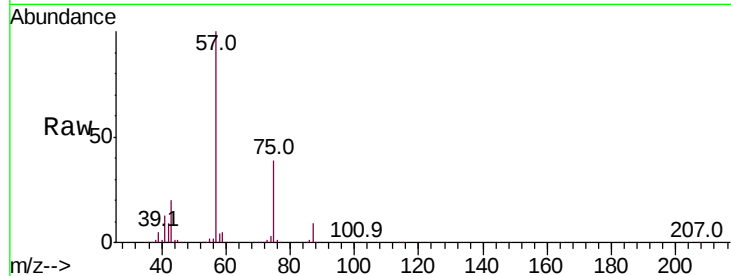
ClientSampled :

Tot Ion: 43 Resp: 200359

Ion Ratio Lower Upper

43 100

58 19.4 29.1 87.4#



#62

4-Bromofluorobenzene

Concen: 54.846 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

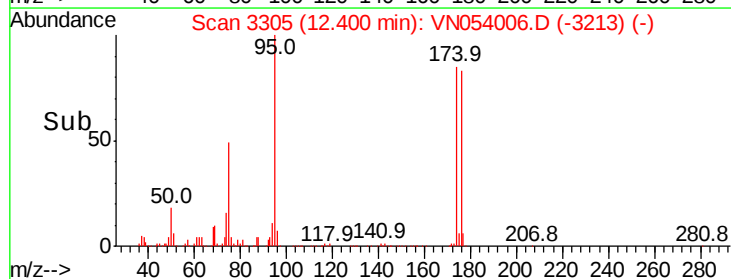
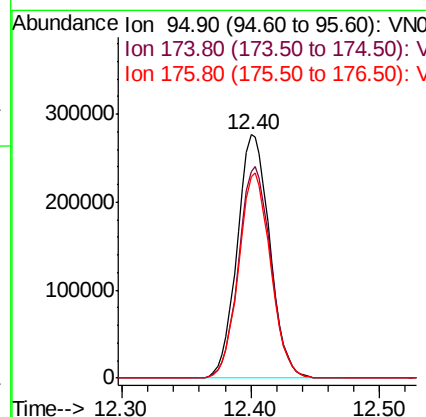
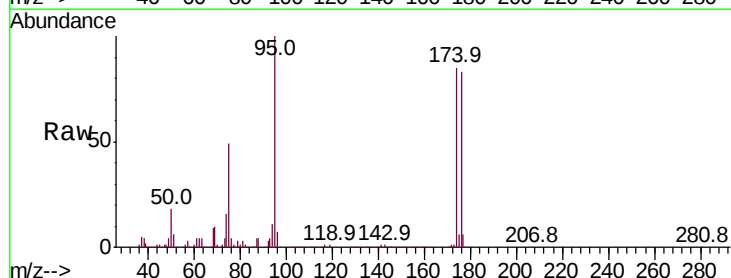
Tgt Ion: 95 Resp: 485212

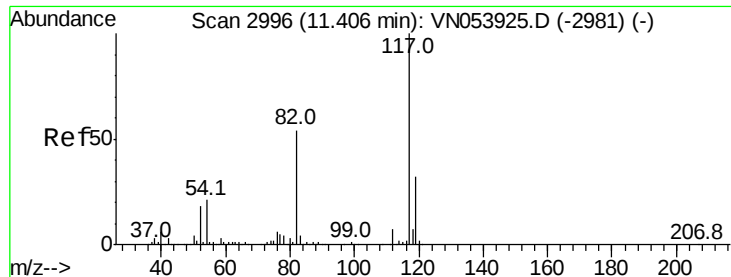
Ion Ratio Lower Upper

95 100

174 86.2 0.0 188.8

176 82.8 0.0 182.6

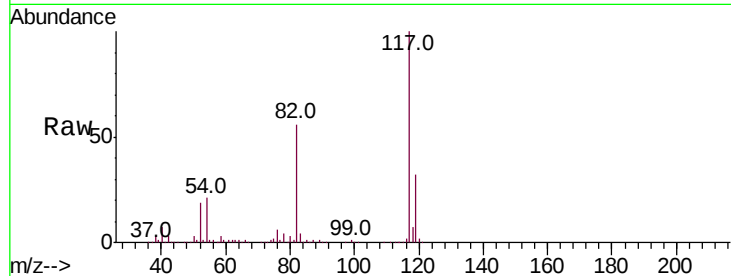




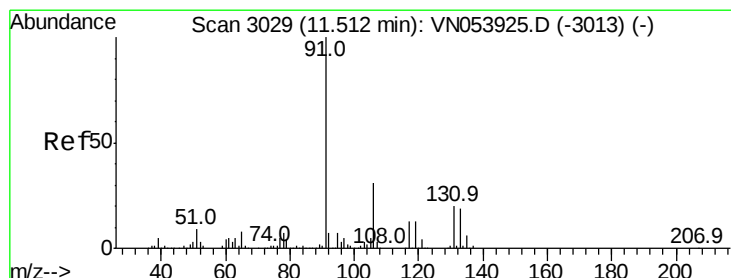
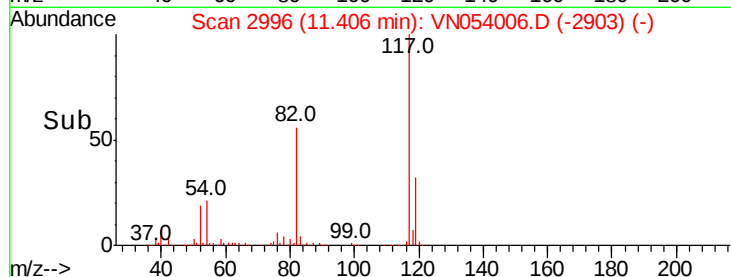
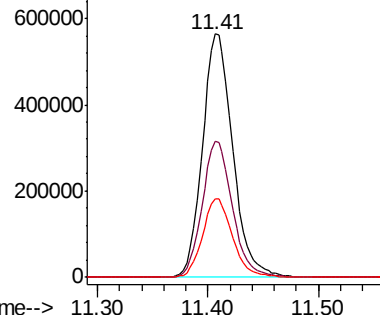
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1073553
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.2
119 32.2 25.3 37.9

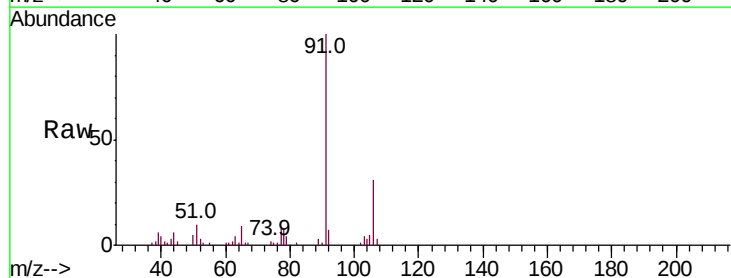


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

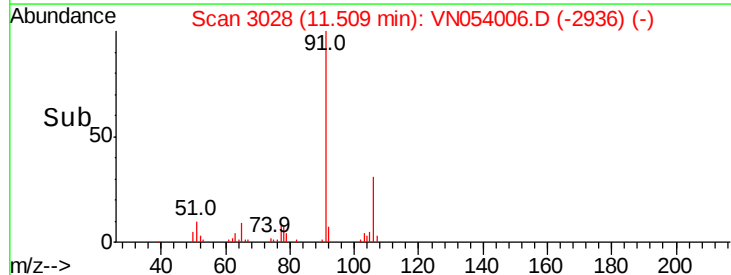
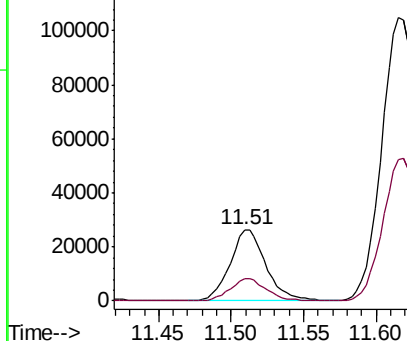


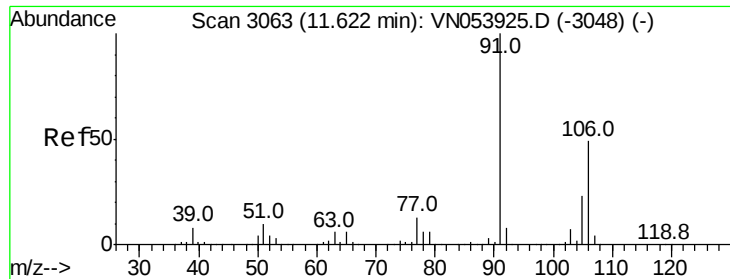
#67
Ethyl Benzene
Concen: 1.195 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Tgt Ion: 91 Resp: 45371
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



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

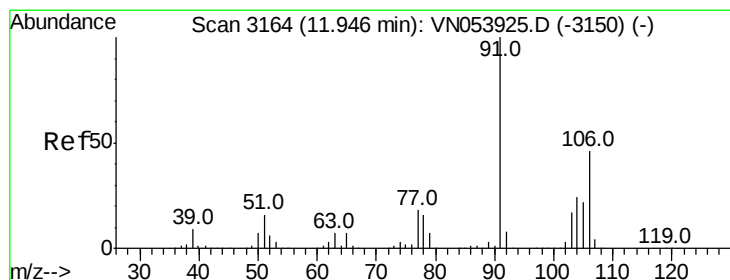
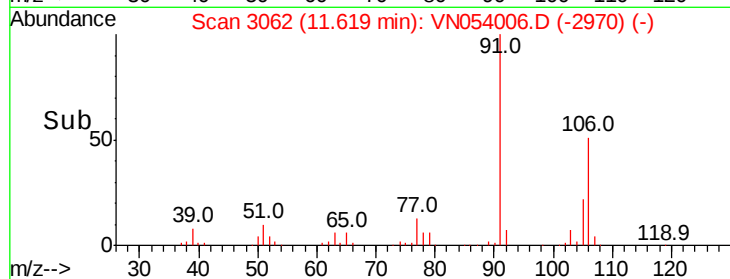
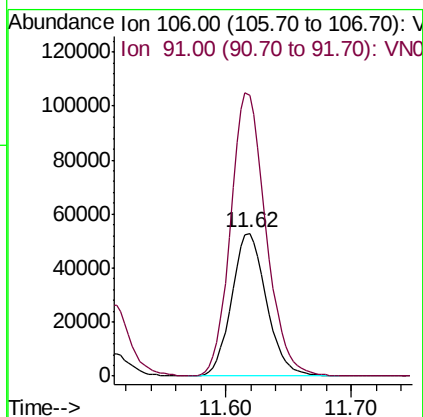
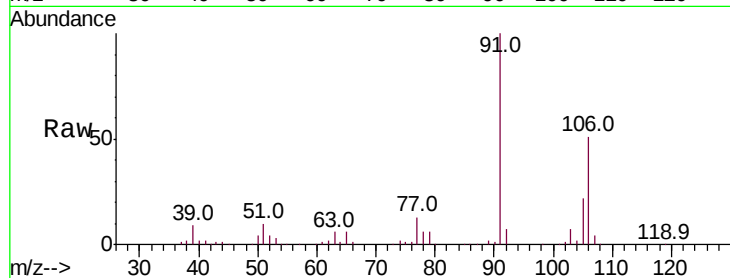




#68
m/p-Xylenes
Concen: 7.120 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

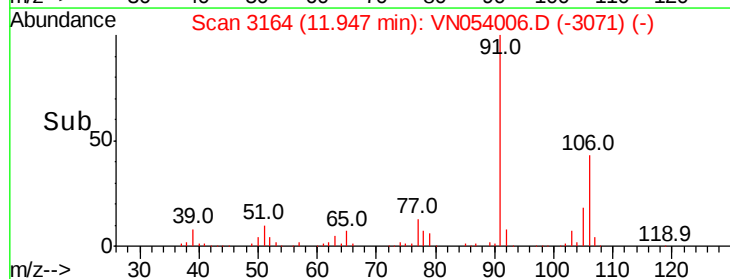
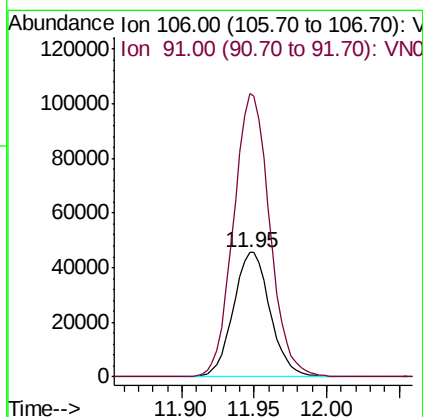
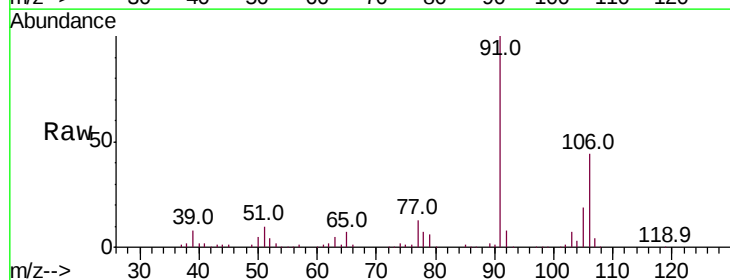
Instrument :
MSVOA_N
ClientSampled :

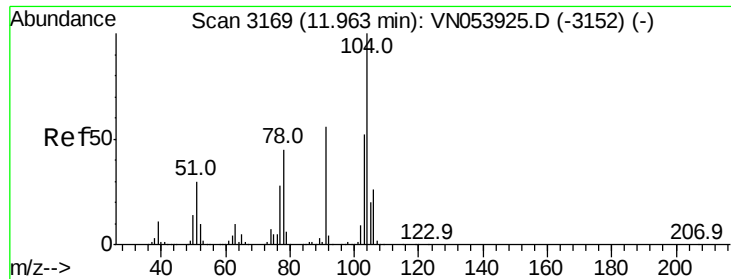
Tot Ion:106 Resp: 102065
Ion Ratio Lower Upper
106 100
91 199.6 158.9 238.3



#69
o-Xylene
Concen: 5.688 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Tgt Ion:106 Resp: 80127
Ion Ratio Lower Upper
106 100
91 224.7 106.0 318.0





#70

Stvrene

Concen: 0.216 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.01 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampled :

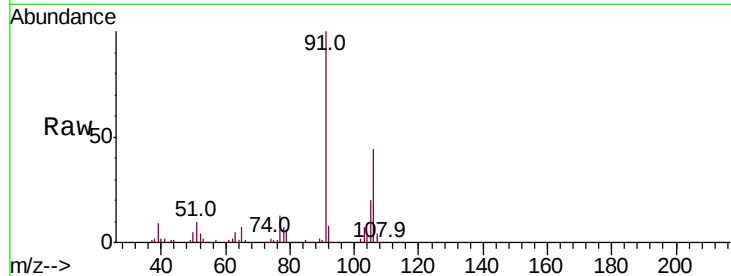
Tot Ion:104 Resp: 4677

Ion Ratio Lower Upper

104 100

78 254.7 38.1 57.1#

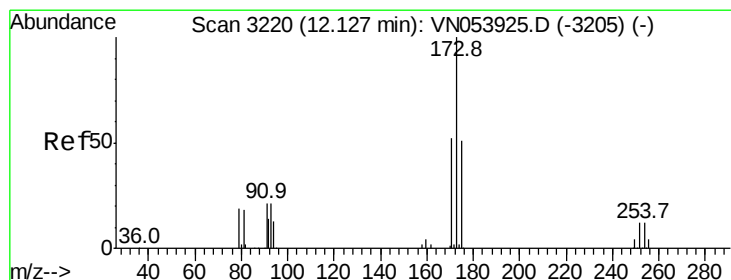
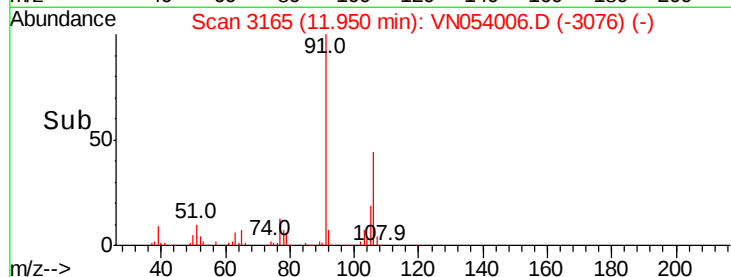
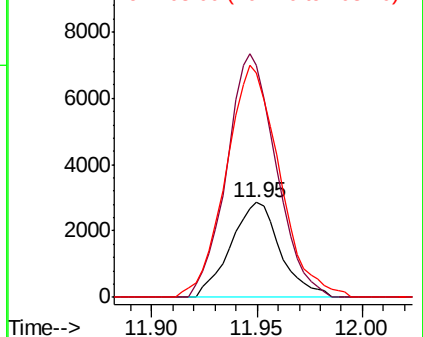
103 262.0 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.618 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

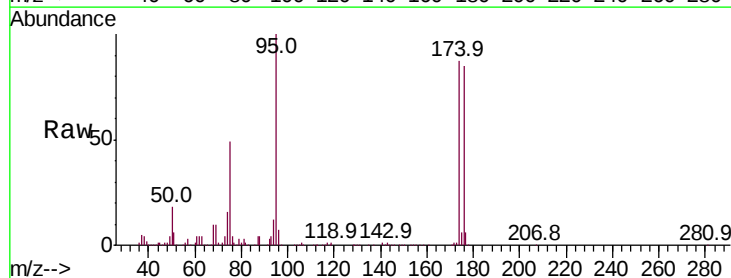
Tgt Ion:173 Resp: 3511

Ion Ratio Lower Upper

173 100

175 735.3 24.3 72.8#

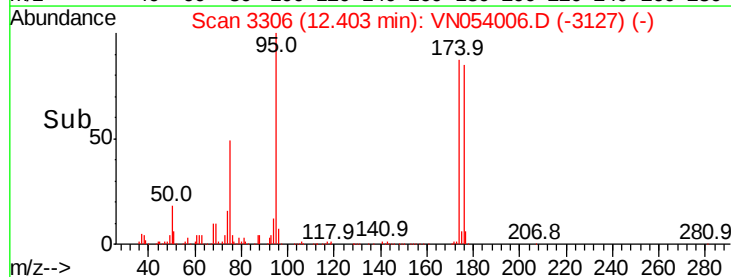
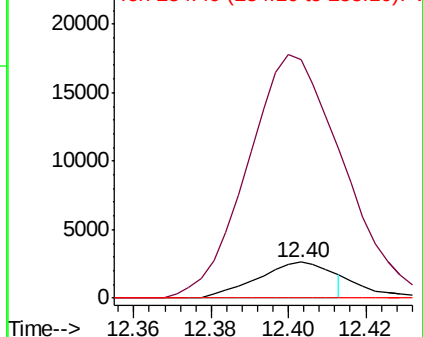
254 0.0 0.2 0.2#

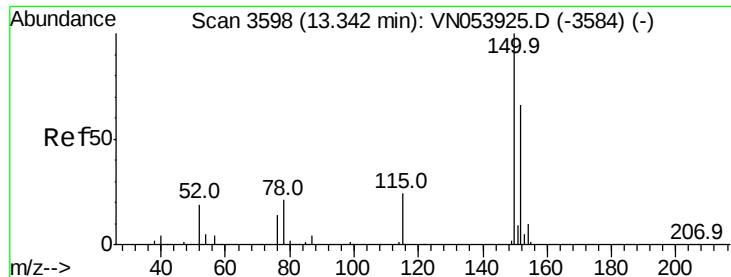


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

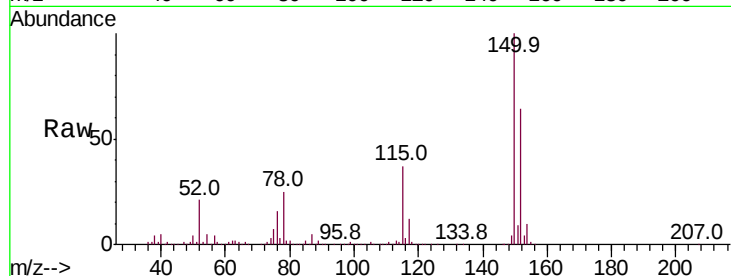
Tot Ion:152 Resp: 443584

Ion Ratio Lower Upper

152 100

115 61.8 27.2 81.6

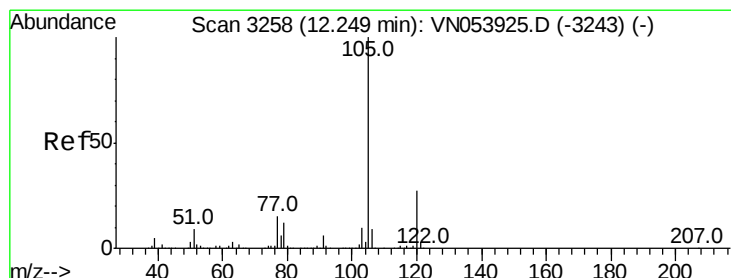
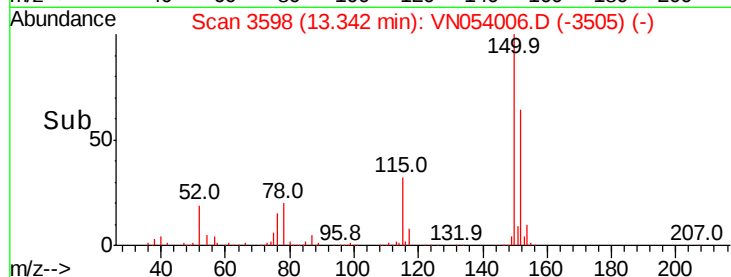
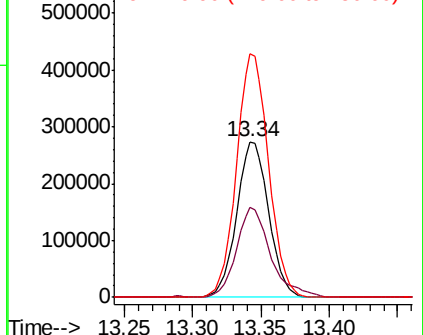
150 157.1 0.0 348.2



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



#73

Isopropylbenzene

Concen: 0.927 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054006.D

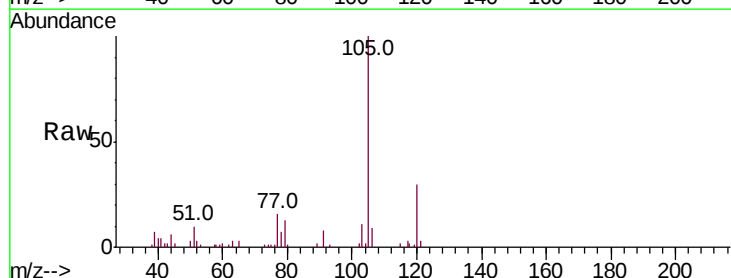
Acq: 28 Feb 2019 16:07

Tgt Ion:105 Resp: 32009

Ion Ratio Lower Upper

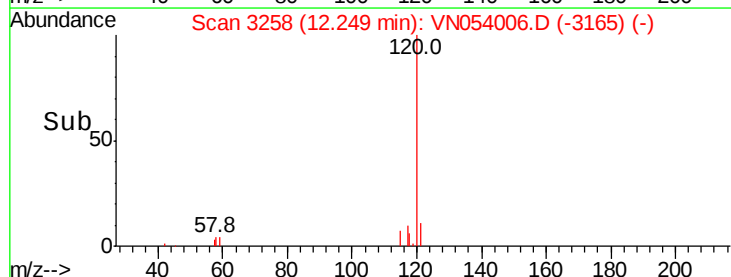
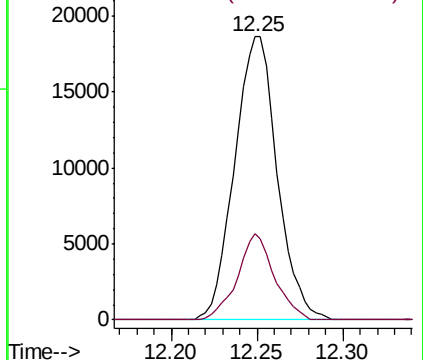
105 100

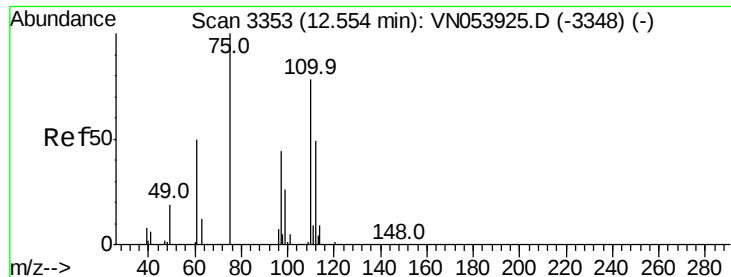
120 26.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 32.698 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

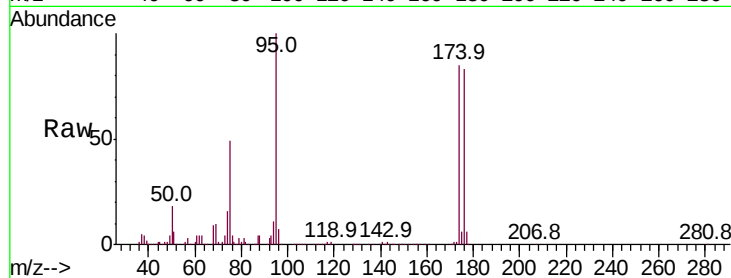
ClientSampled :

Tot Ion: 75 Resp: 232678

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

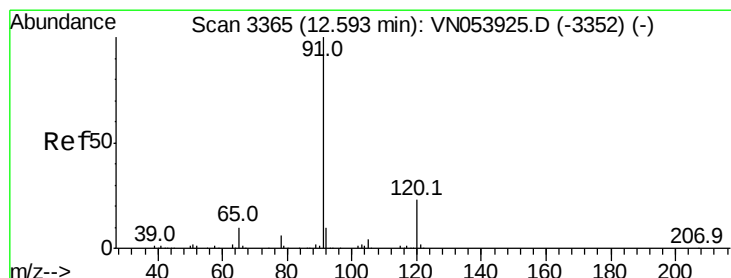
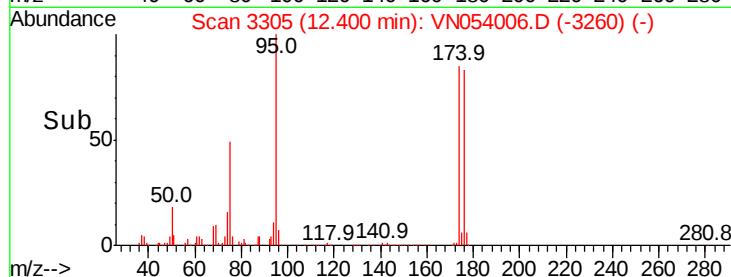
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 2.246 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054006.D

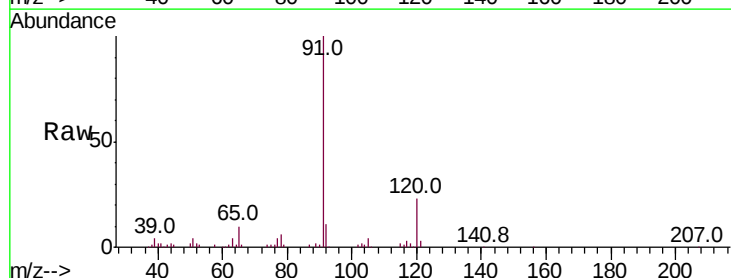
Acq: 28 Feb 2019 16:07

Tgt Ion: 91 Resp: 88184

Ion Ratio Lower Upper

91 100

120 23.3 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

60000

50000

40000

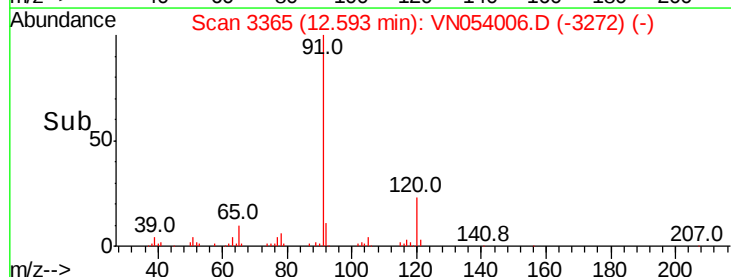
30000

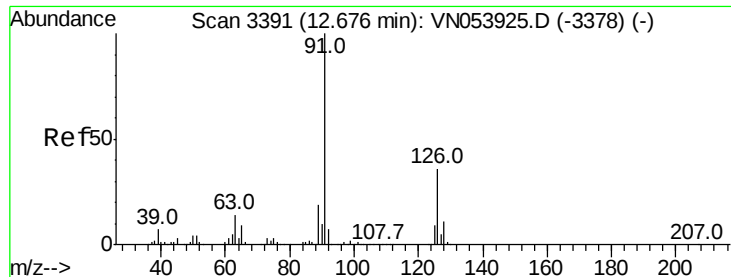
20000

10000

0

Time-->





#79

2-Chlorotoluene

Concen: 1.174 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

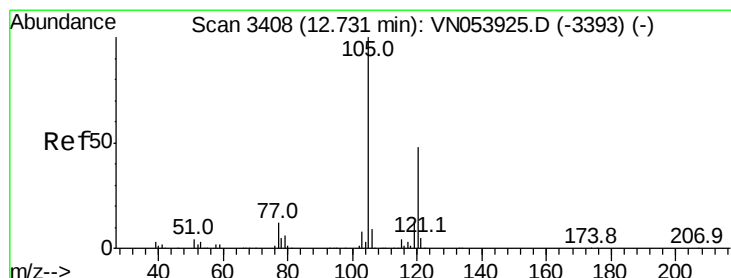
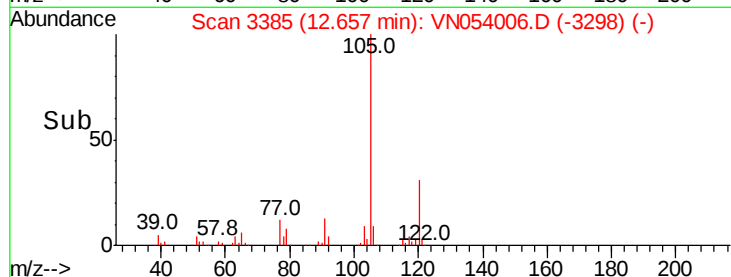
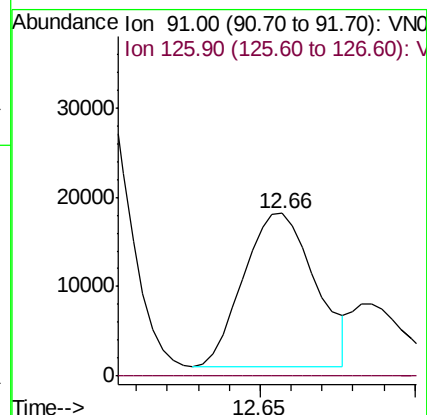
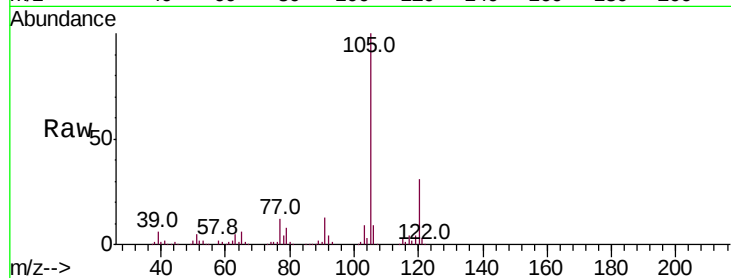
ClientSampled :

Tot Ion: 91 Resp: 27706

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: 6.223 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054006.D

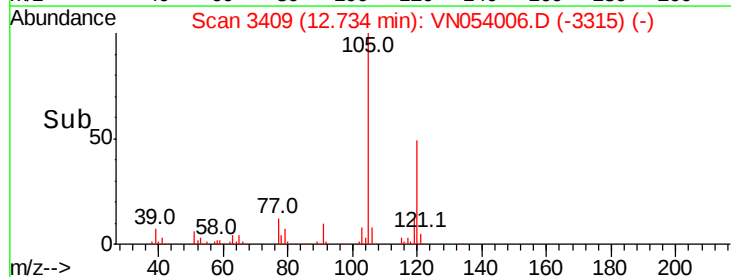
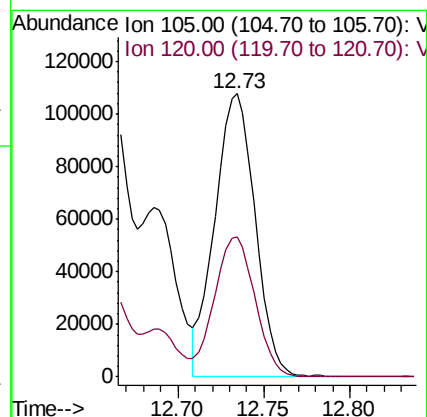
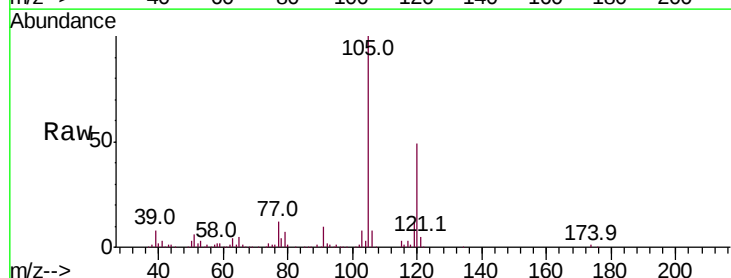
Acq: 28 Feb 2019 16:07

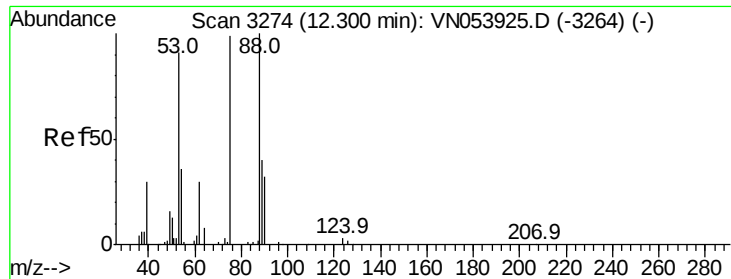
Tgt Ion: 105 Resp: 175908

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2

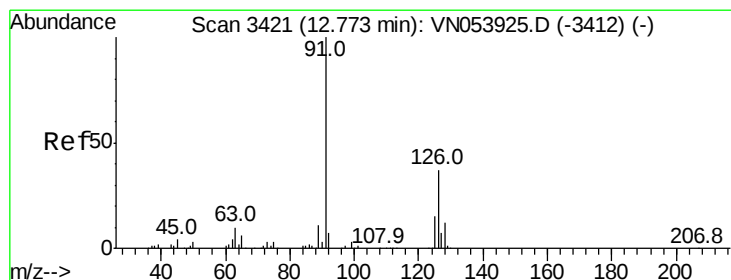
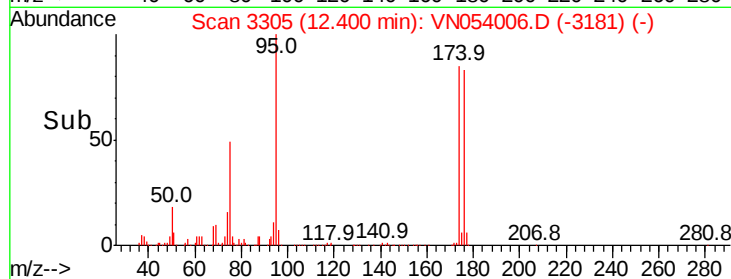
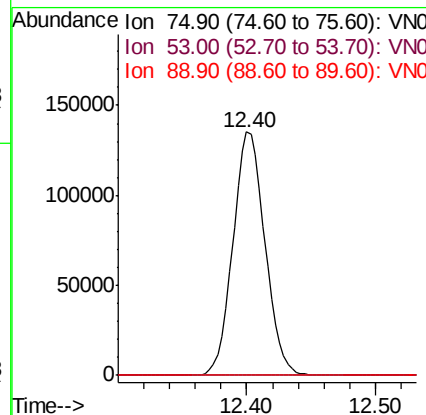
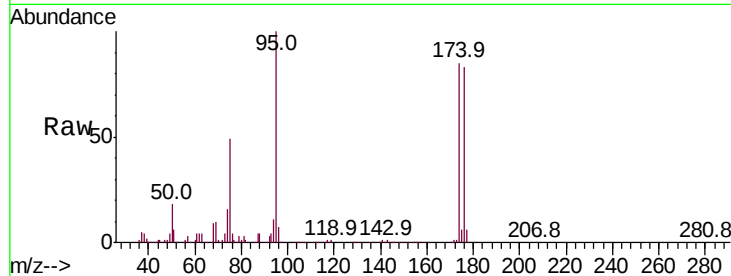




#81
trans-1,4-Dichloro-2-butene
Concen: 103.348 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

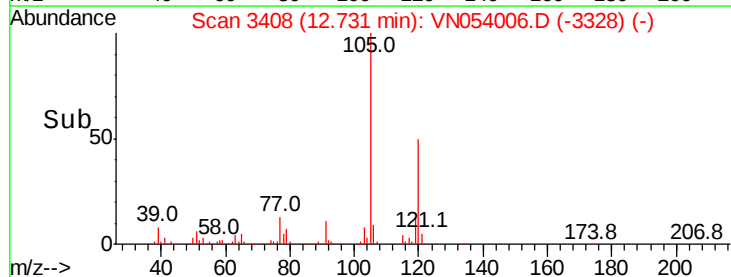
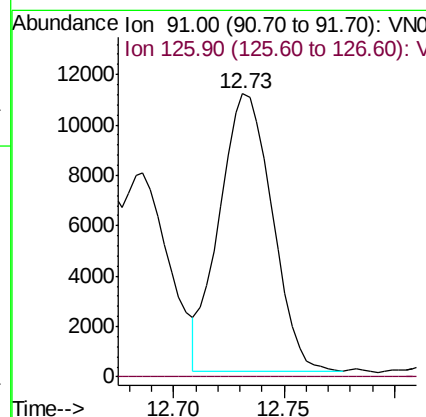
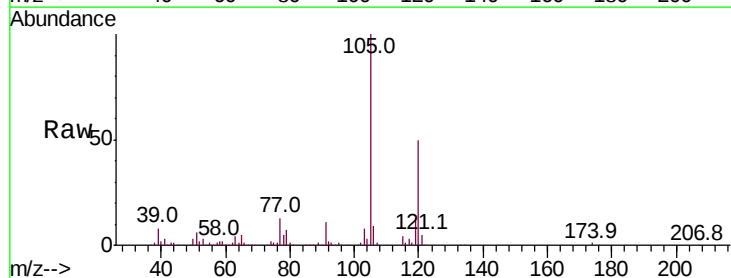
Instrument :
MSVOA_N
ClientSampleId :

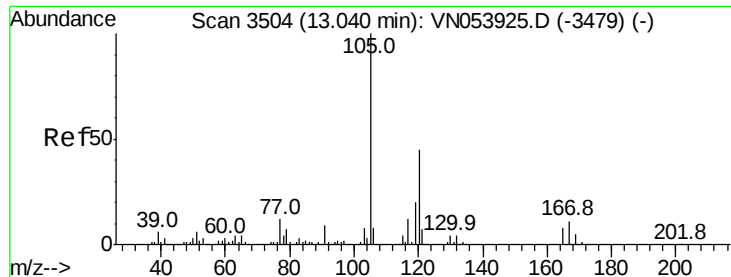
Tot Ion: 75 Resp: 232678
Ion Ratio Lower Upper
75 100
53 0.0 68.6 102.8#
89 0.0 35.3 52.9#



#82
4-Chlorotoluene
Concen: 0.783 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN054006.D
Acq: 28 Feb 2019 16:07

Tgt Ion: 91 Resp: 18264
Ion Ratio Lower Upper
91 100
126 0.0 18.0 54.0#





#84

1,2,4-Trimethylbenzene

Concen: 26.029 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

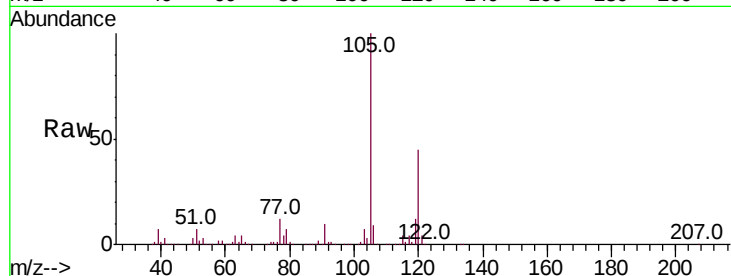
ClientSampleId :

Tot Ion:105 Resp: 734579

Ion Ratio Lower Upper

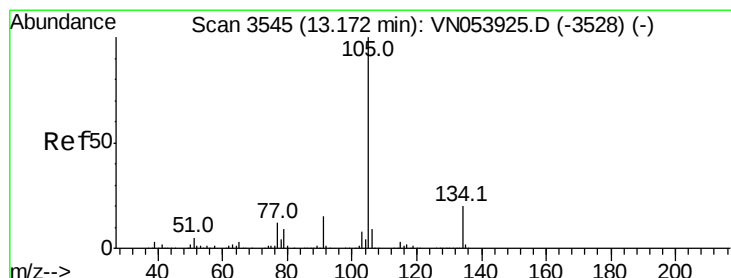
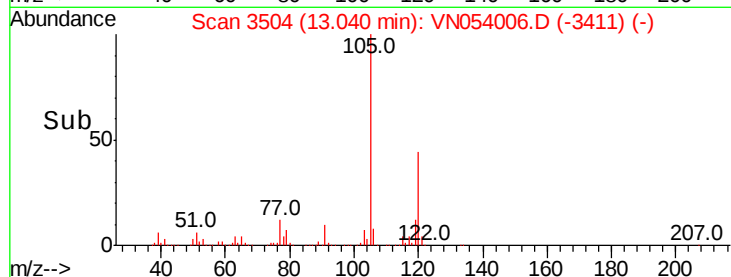
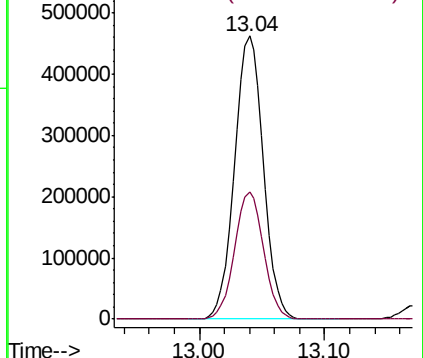
105 100

120 45.4 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.037 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054006.D

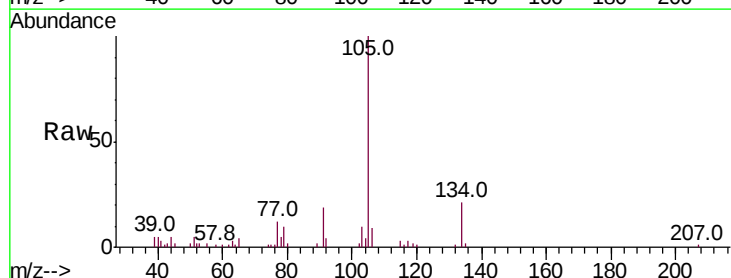
Acq: 28 Feb 2019 16:07

Tgt Ion:105 Resp: 35417

Ion Ratio Lower Upper

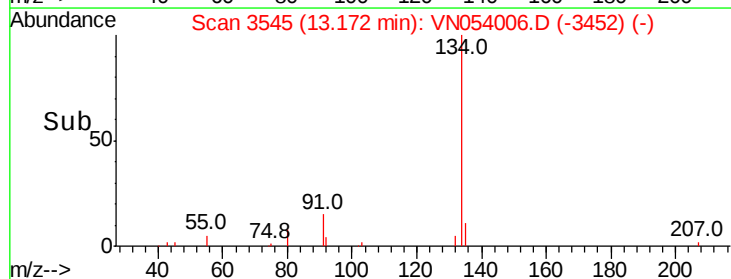
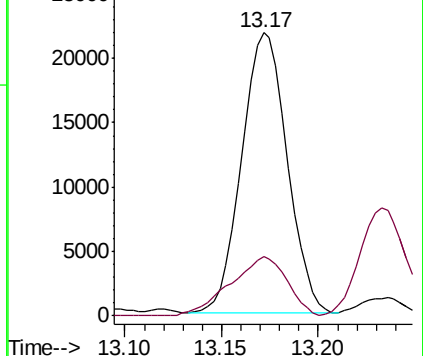
105 100

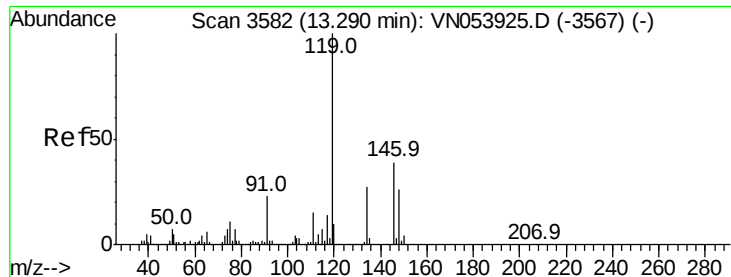
134 26.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 1.176 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

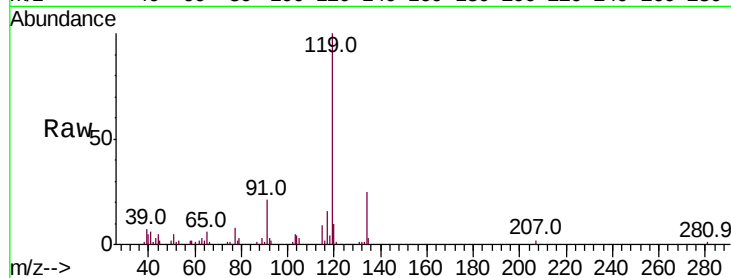
Tot Ion:119 Resp: 33962

Ion Ratio Lower Upper

119 100

134 25.1 13.5 40.4

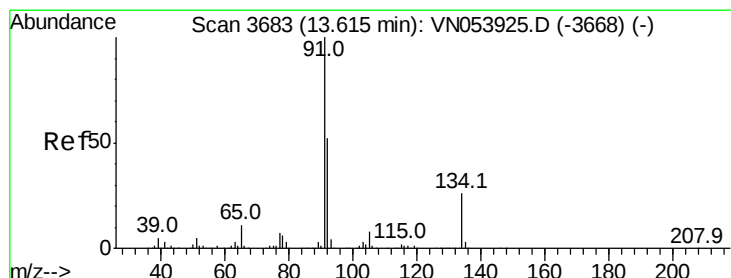
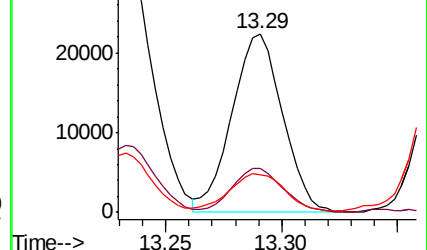
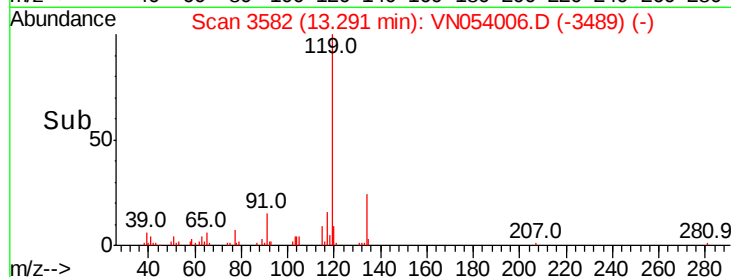
91 22.4 10.9 32.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 1.043 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

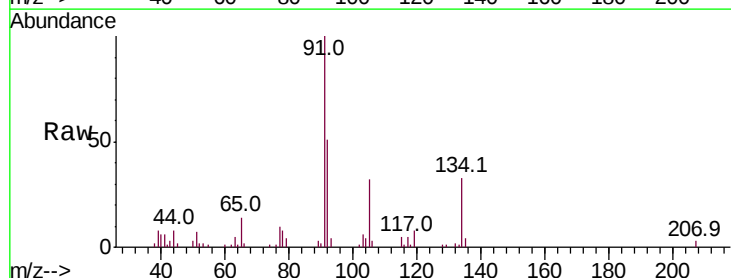
Tgt Ion: 91 Resp: 25373

Ion Ratio Lower Upper

91 100

92 63.0 26.1 78.2

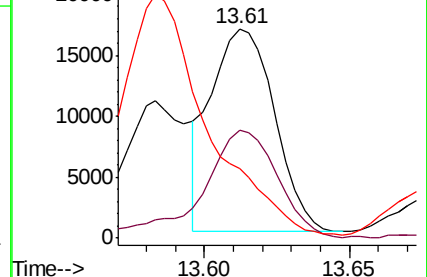
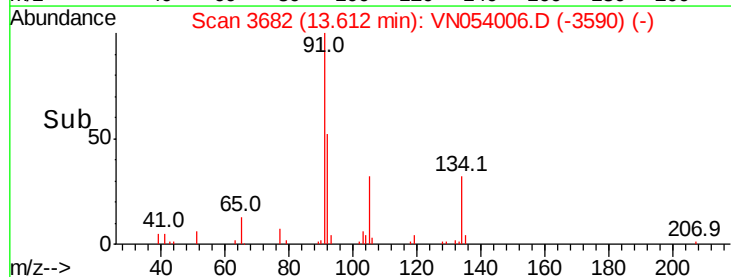
134 0.0 13.6 40.8#

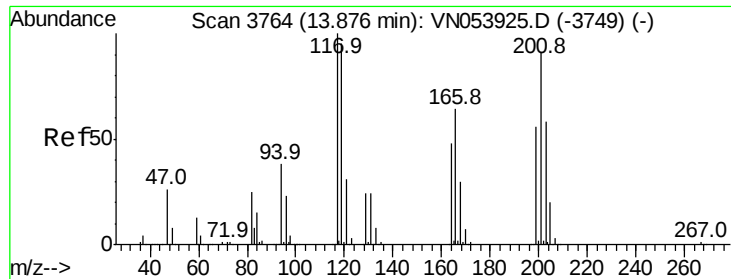


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.648 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

Instrument :

MSVOA_N

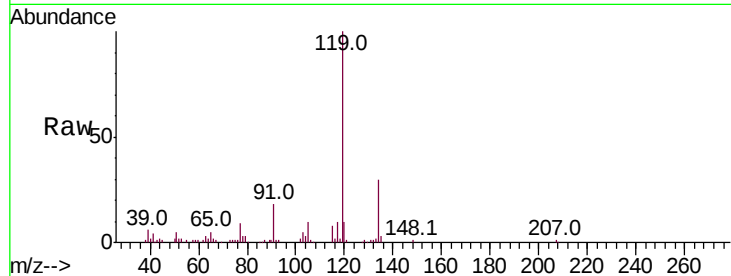
ClientSampled :

Tot Ion:117 Resp: 9218

Ion Ratio Lower Upper

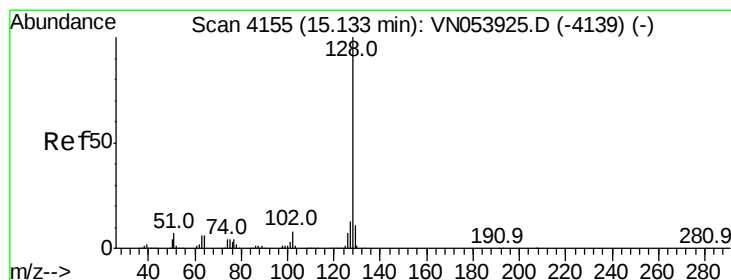
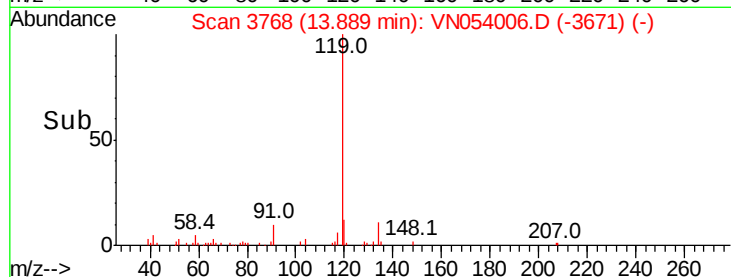
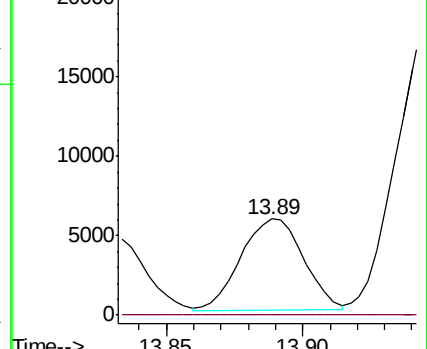
117 100

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: 10.923 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054006.D

Acq: 28 Feb 2019 16:07

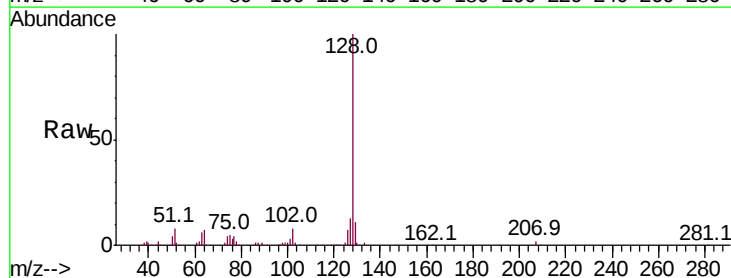
Tgt Ion:128 Resp: 144728

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.3 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

