

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053985.D
 Acq On : 27 Feb 2019 22:51
 Operator : JC/SP
 Sample : K1632-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 28 00:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1085046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410935	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	397596	55.63	ug/l	0.00
Spiked Amount			Recovery	=	111.26%	
35) Dibromofluoromethane	7.59	113	364110	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.09	98	1434367	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.40	95	471332	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	242	0.534	ug/l #	73
13) Acrolein	3.62	56	98	0.209	ug/l #	17
16) Acetone	3.82	43	34800	6.555	ug/l #	87
18) Methyl Acetate	4.33	43	3818	0.764	ug/l #	76
20) Methylene Chloride	4.55	84	18755	2.651	ug/l	94
25) 2-Butanone	6.85	43	3550	1.265	ug/l	96
29) Tetrahydrofuran	7.22	42	1203	0.644	ug/l #	56
31) Cyclohexane	7.66	56	11455	0.597	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	41455	3.948	ug/l #	47
38) Carbon Tetrachloride	7.67	117	52348	4.793	ug/l #	16
43) Isopropyl Acetate	8.17	43	33919	2.679	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	2002	0.230	ug/l #	44
48) Methyl methacrylate	9.18	41	12775	2.194	ug/l #	23
49) 1,4-Dioxane	9.26	88	107	1.357	ug/l #	25
51) 4-Methyl-2-Pentanone	9.98	43	7838	1.205	ug/l #	86
52) Toluene	10.16	92	52368	2.757	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	60843	4.981	ug/l #	70
56) Ethyl methacrylate	10.55	69	692	2.026	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	11760	0.981	ug/l #	43
59) 2-Hexanone	10.76	43	167011	39.471	ug/l #	48
67) Ethyl Benzene	11.51	91	36141	0.941	ug/l	97
68) m/p-Xylenes	11.62	106	41036	2.832	ug/l	95
69) o-Xylene	11.95	106	24376	1.712	ug/l	92
71) Bromoform	12.40	173	3720	0.648	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	228398	34.647	ug/l #	100
78) n-propylbenzene	12.59	91	13694	0.376	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	12699	0.485	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	228398	109.506	ug/l #	15
83) tert-Butylbenzene	13.04	119	8376	0.362	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	64029	2.449	ug/l	95
85) sec-Butylbenzene	13.04	105	64029	2.024	ug/l #	56
95) Naphthalene	15.13	128	17679	4.229	ug/l	97

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QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration

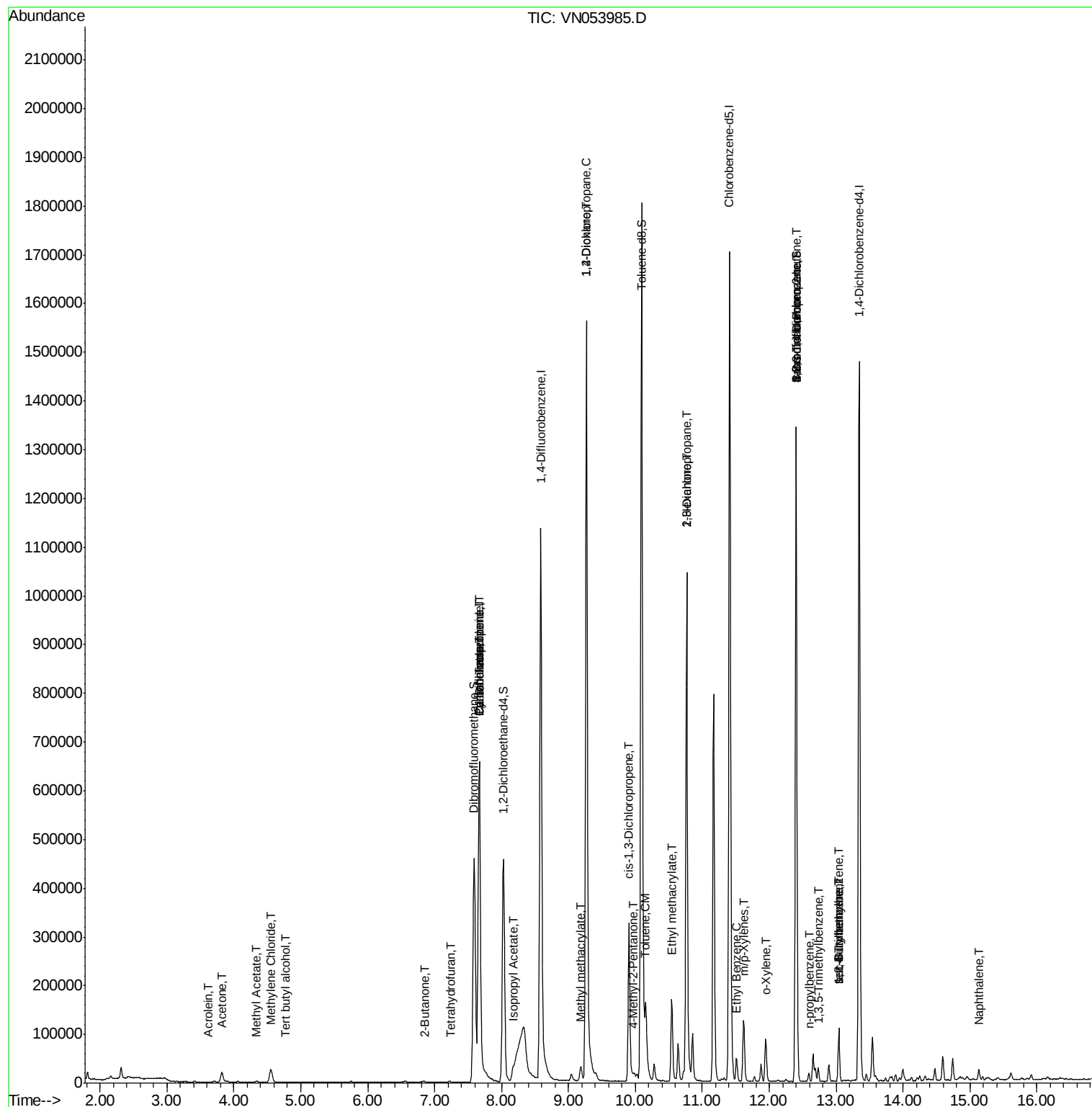
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

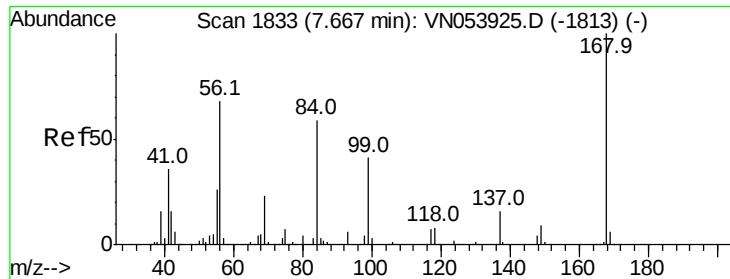
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022719\
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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: VN053985.D

Acq: 27 Feb 2019 22:51

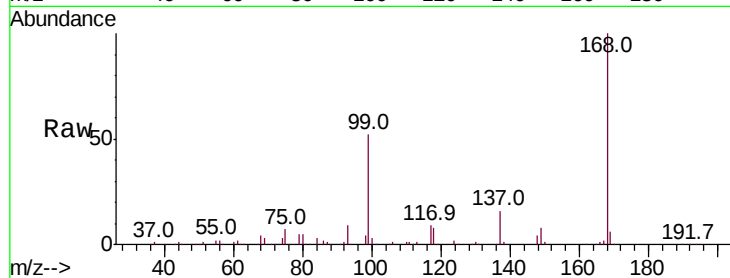
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 609691

Ion Ratio Lower Upper

168 100

99 51.6 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

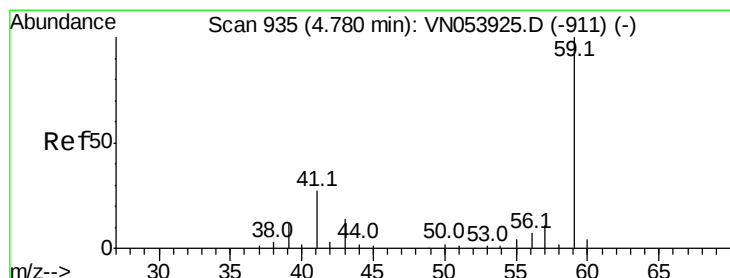
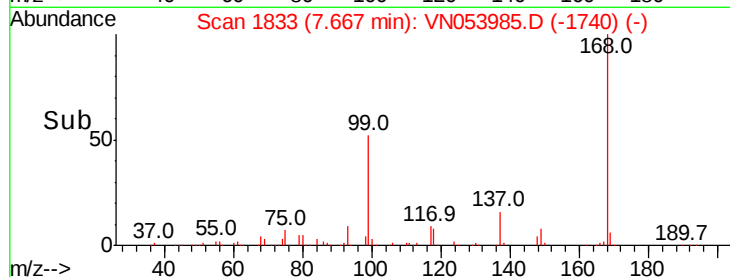
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.534 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN053985.D

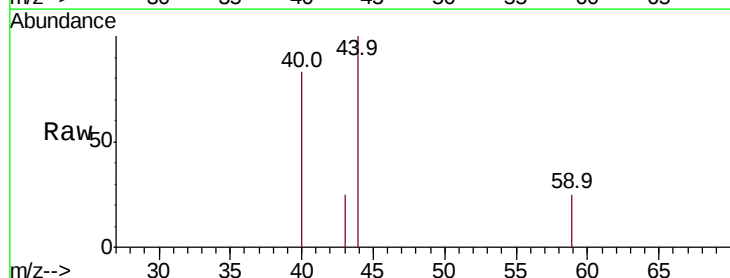
Acq: 27 Feb 2019 22:51

Tgt Ion: 59 Resp: 242

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

300

250

200

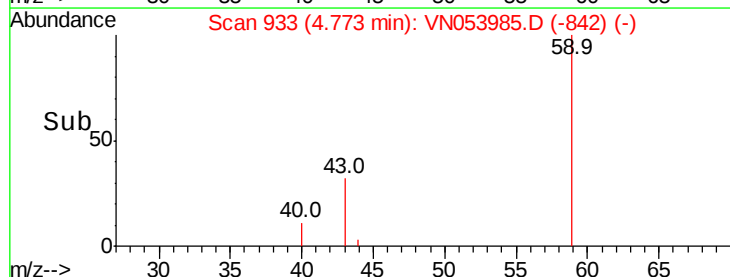
150

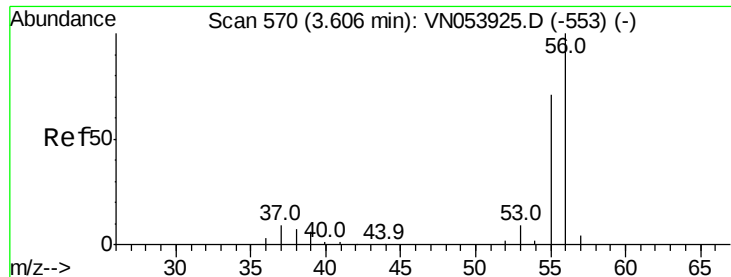
100

50

0

Time--> 4.75 4.76 4.77 4.78 4.79





#13

Acrolein

Concen: 0.209 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.02 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

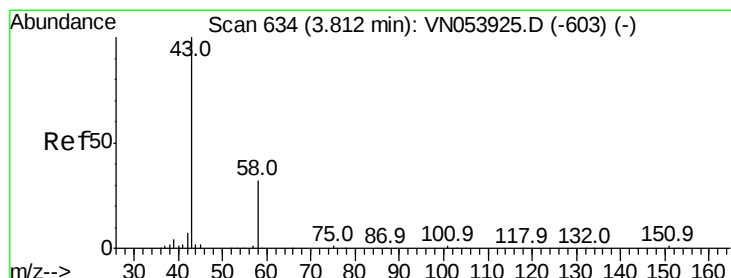
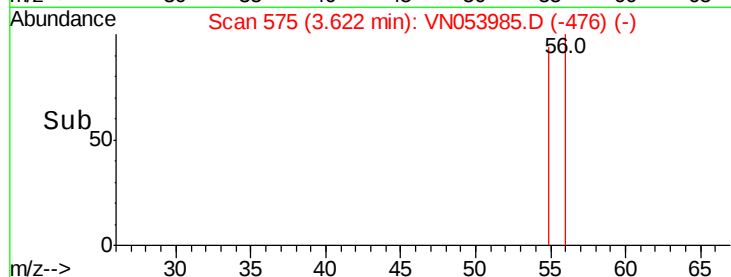
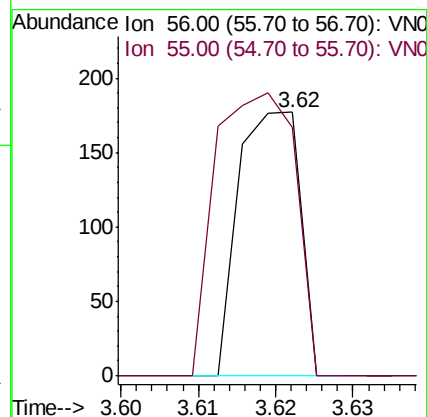
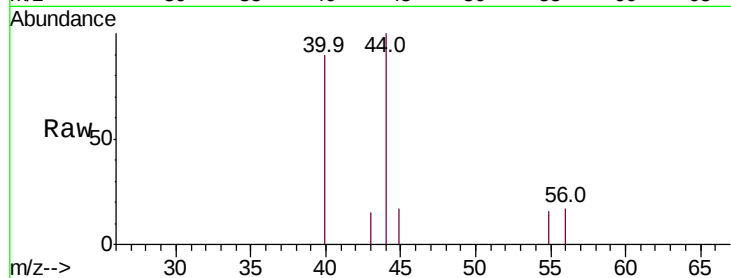
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 138.8 56.3 84.5#



#16

Acetone

Concen: 6.555 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053985.D

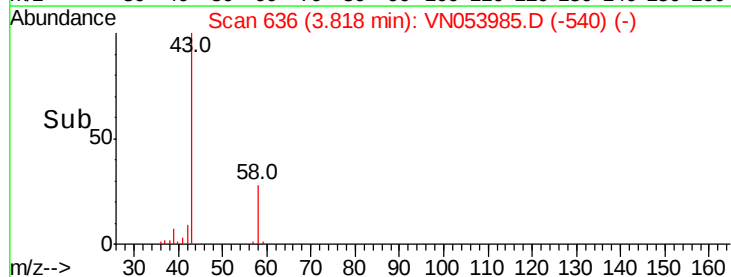
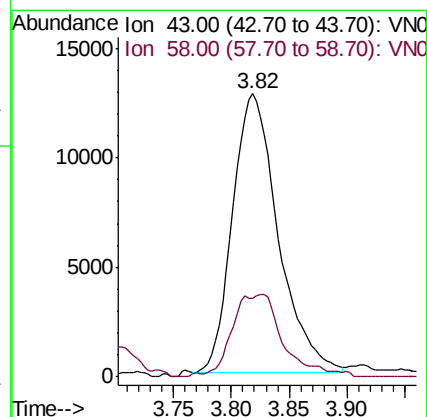
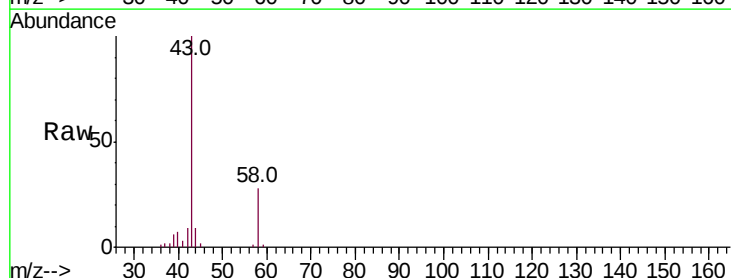
Acq: 27 Feb 2019 22:51

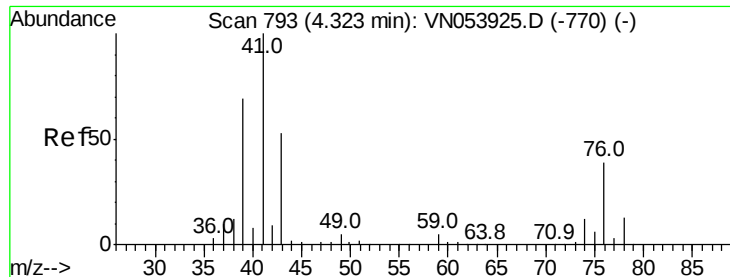
Tgt Ion: 43 Resp: 34800

Ion Ratio Lower Upper

43 100

58 26.8 27.6 41.4#





#18

Methyl Acetate

Concen: 0.764 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

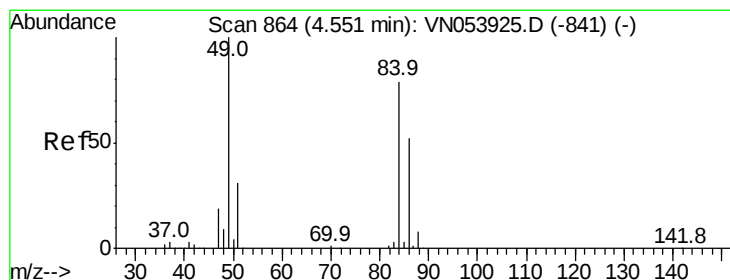
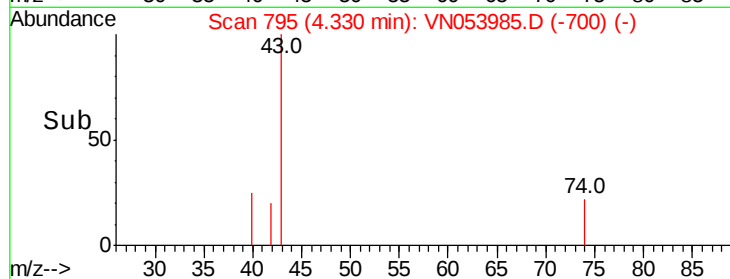
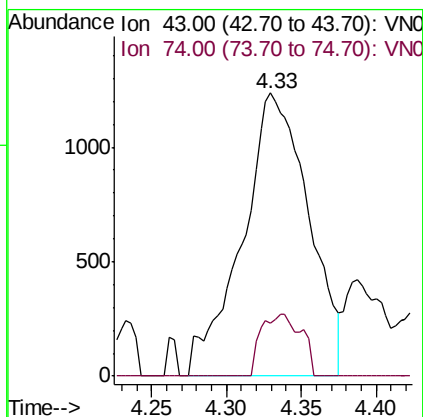
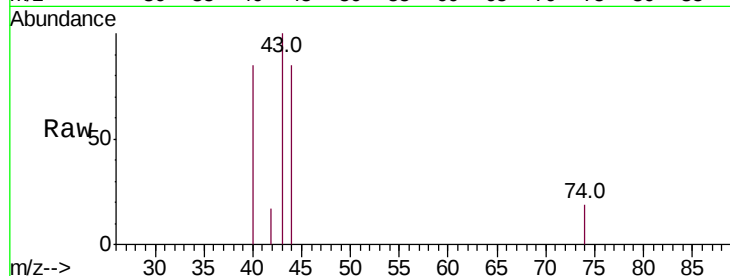
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 3818

Ion Ratio Lower Upper

43 100

74 13.2 20.5 30.7#



#20

Methylene Chloride

Concen: 2.651 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Tgt Ion: 84 Resp: 18755

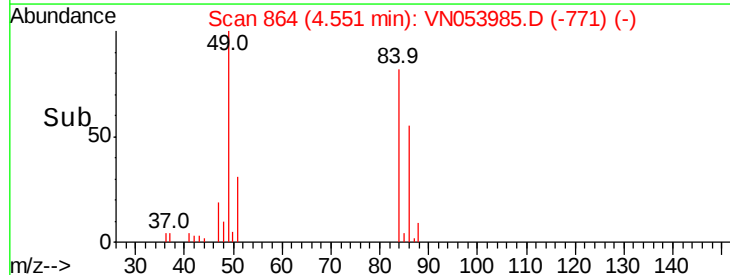
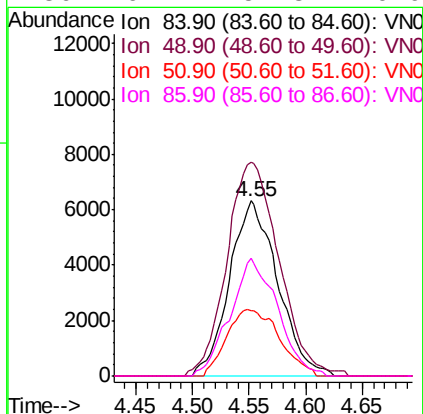
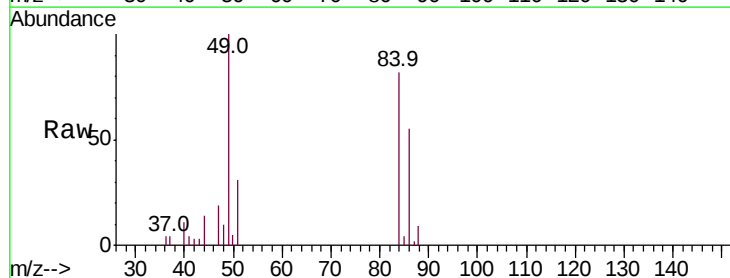
Ion Ratio Lower Upper

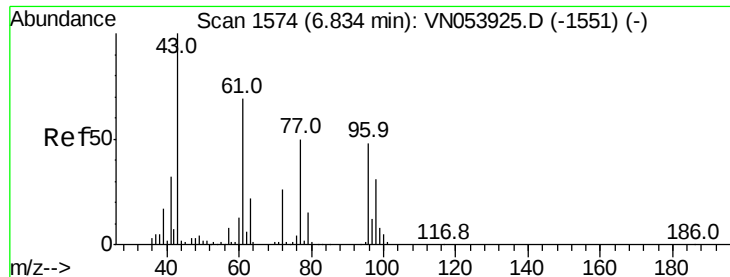
84 100

49 119.3 89.7 134.5

51 37.4 27.8 41.8

86 67.4 51.3 76.9





#25

2-Butanone

Concen: 1.265 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.02 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

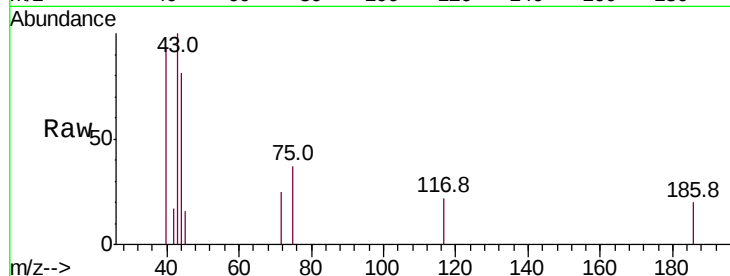
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 3550

Ion Ratio Lower Upper

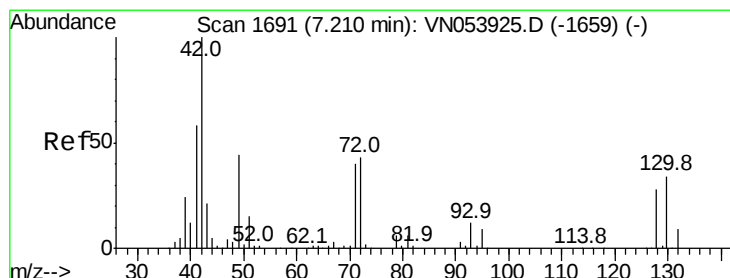
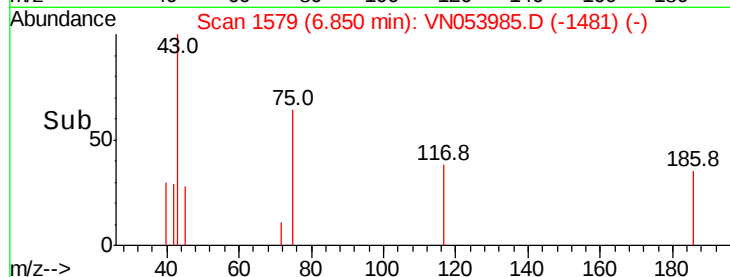
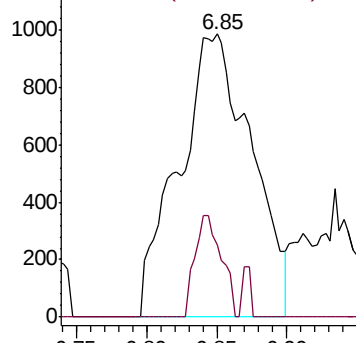
43 100

72 25.4 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: 0.644 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

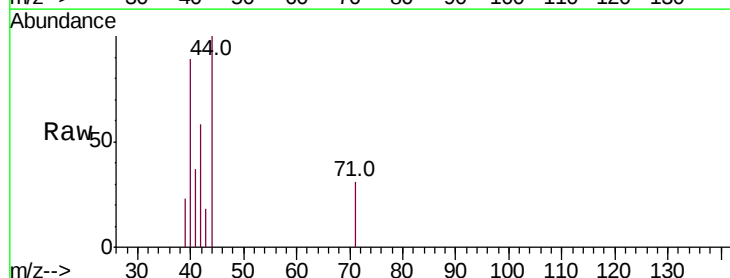
Tgt Ion: 42 Resp: 1203

Ion Ratio Lower Upper

42 100

72 10.0 36.9 55.3#

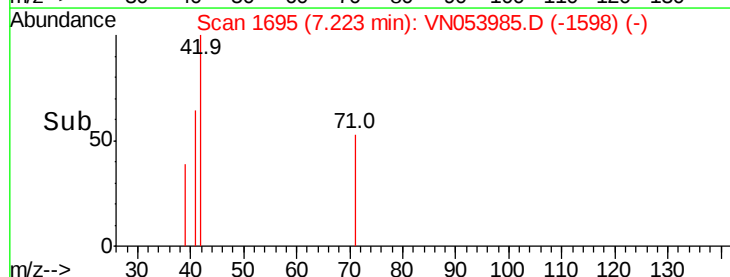
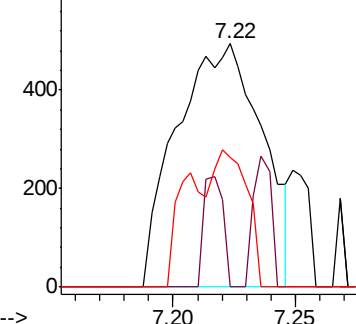
71 22.6 34.6 52.0#

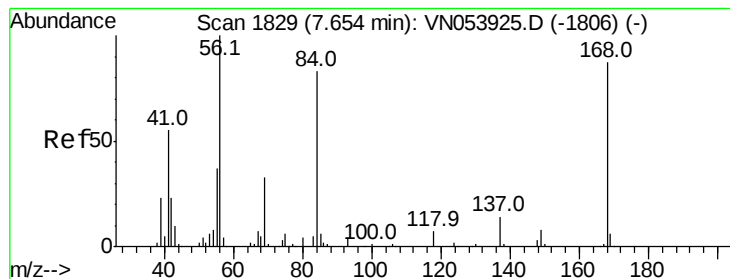


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cvclohexane

Concen: 0.597 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :
MSVOA_N
ClientSampleId :

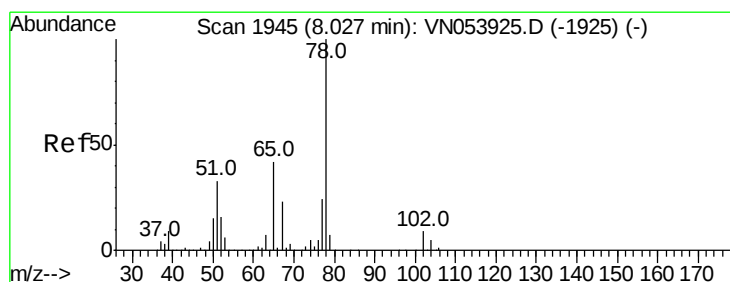
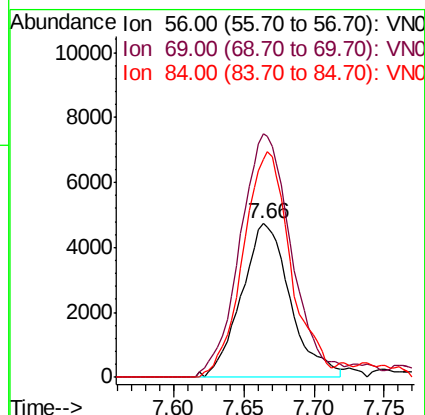
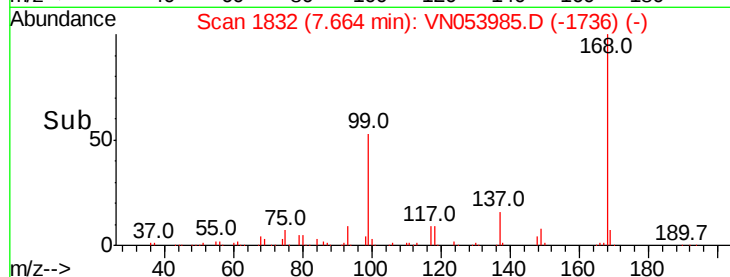
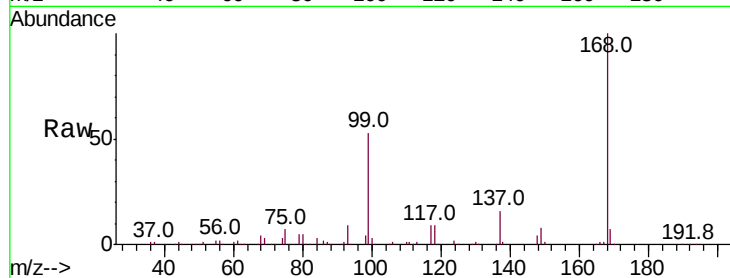
Tot Ion: 56 Resp: 11455

Ion Ratio Lower Upper

56 100

69 158.5 26.0 39.0#

84 141.8 69.1 103.7#



#33

1,2-Dichloroethane-d4

Concen: 55.632 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053985.D

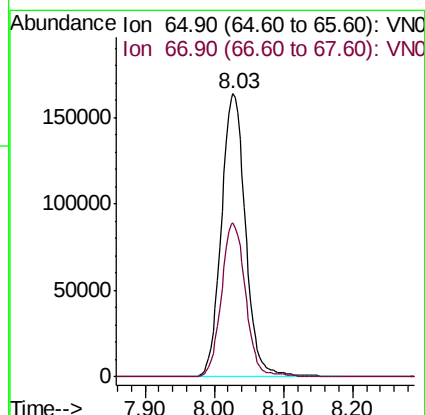
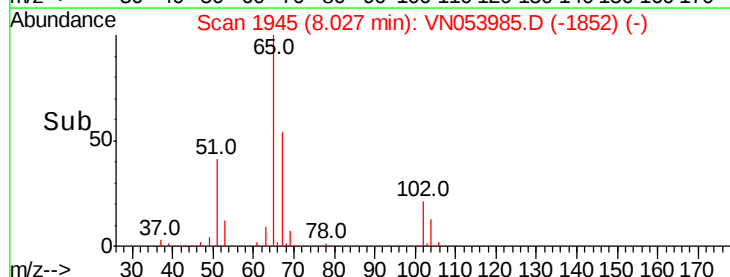
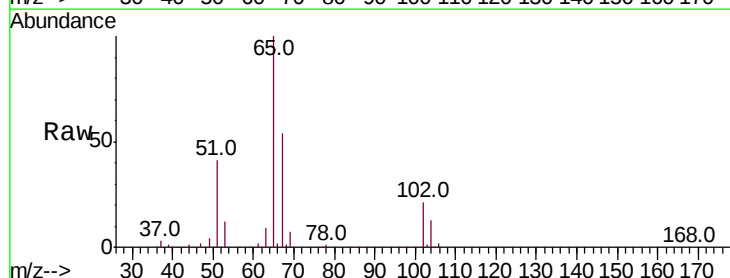
Acq: 27 Feb 2019 22:51

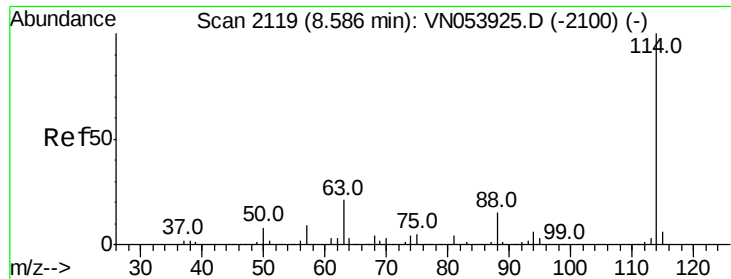
Tgt Ion: 65 Resp: 397596

Ion Ratio Lower Upper

65 100

67 54.4 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: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

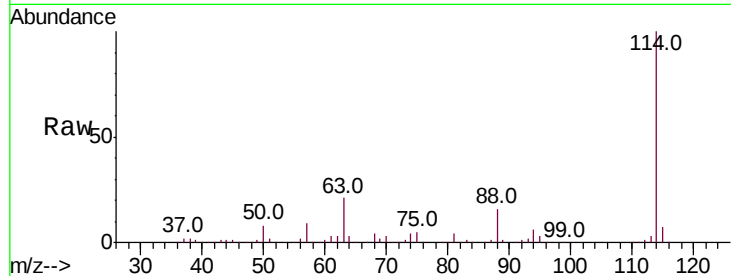
Tot Ion:114 Resp: 1129233

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

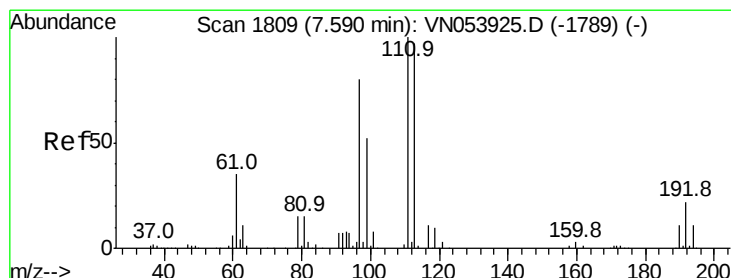
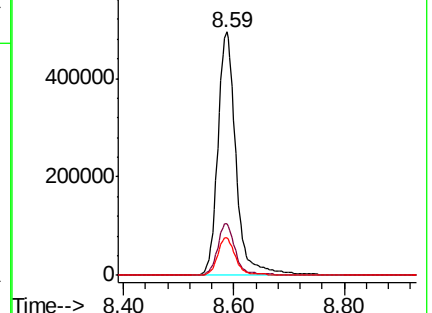
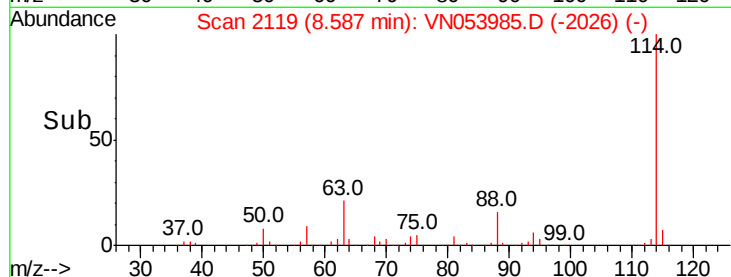
88 15.6 0.0 30.4



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: 49.863 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

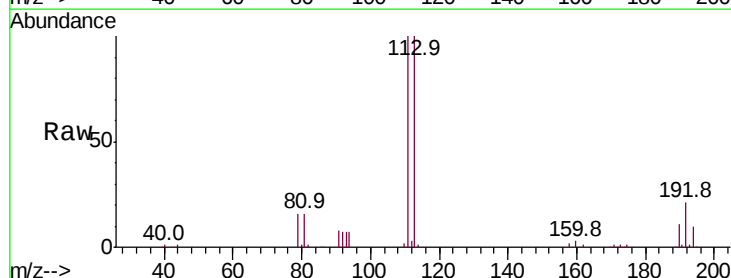
Tgt Ion:113 Resp: 364110

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

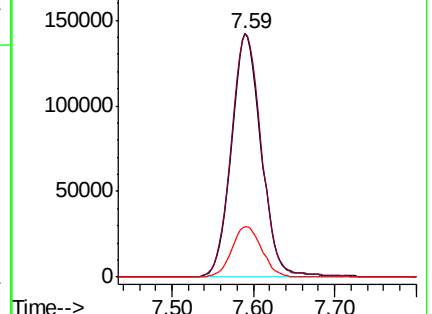
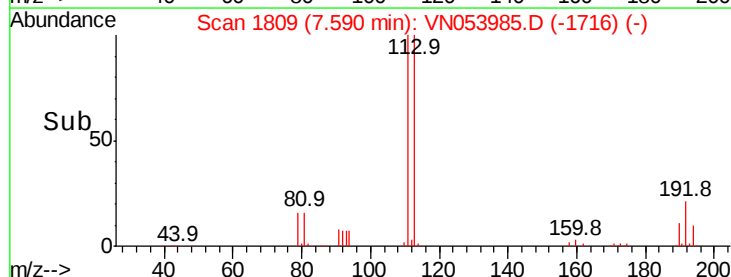
192 20.9 18.8 28.2

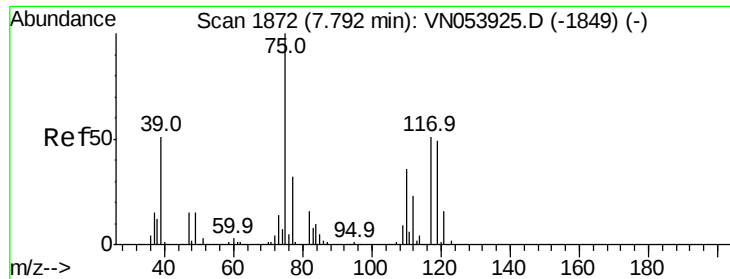


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

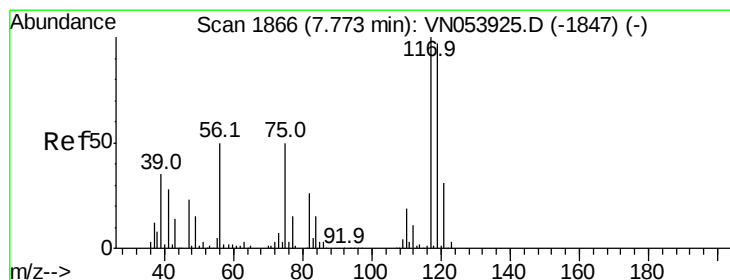
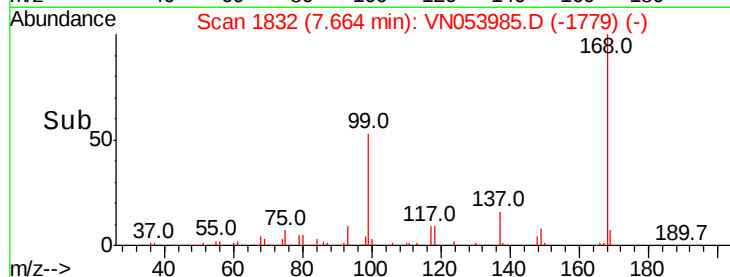
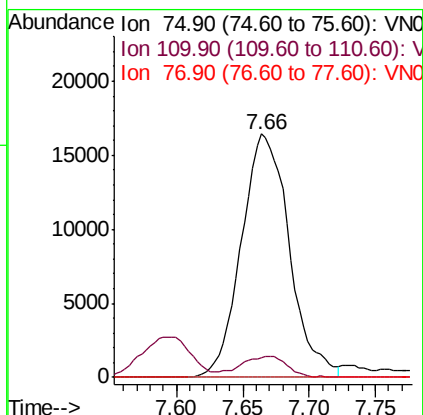
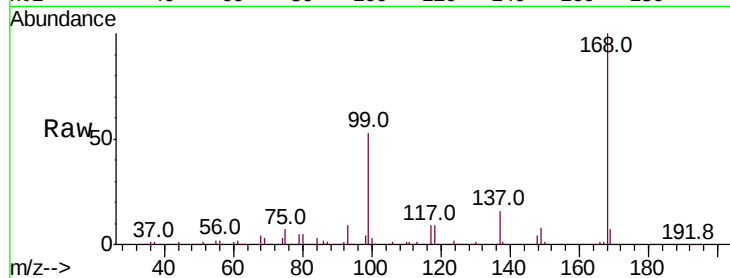




#36
 1,1-Dichloropropene
 Concen: 3.948 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053985.D
 Acq: 27 Feb 2019 22:51

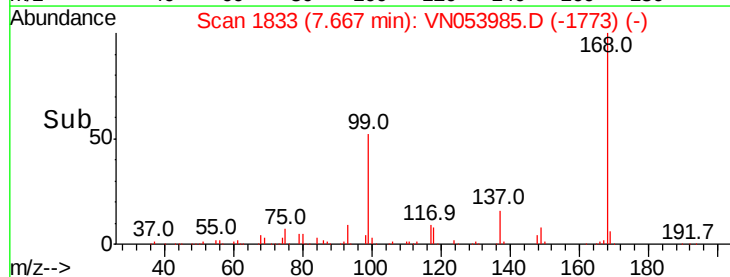
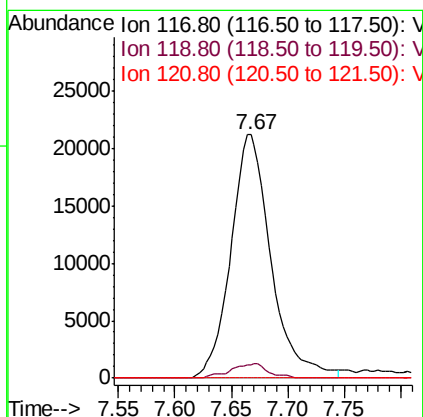
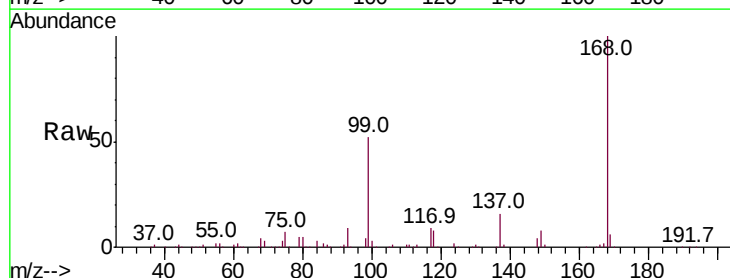
Instrument :
 MSVOA_N
 ClientSampled :

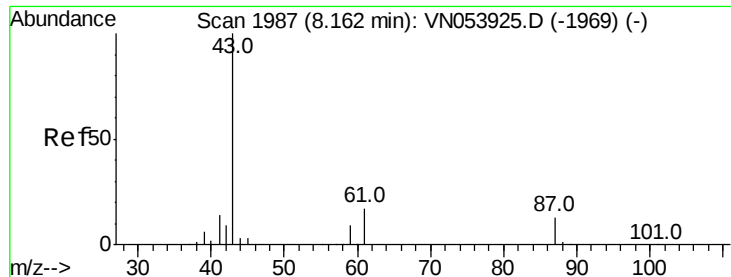
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.0	57.0#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 4.793 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053985.D
 Acq: 27 Feb 2019 22:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 2.679 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

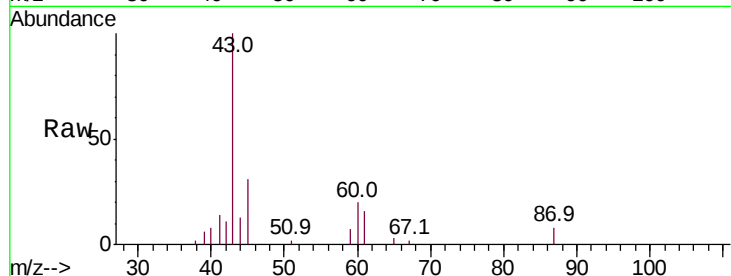
Tot Ion: 43 Resp: 33919

Ion Ratio Lower Upper

43 100

61 17.5 17.4 26.0

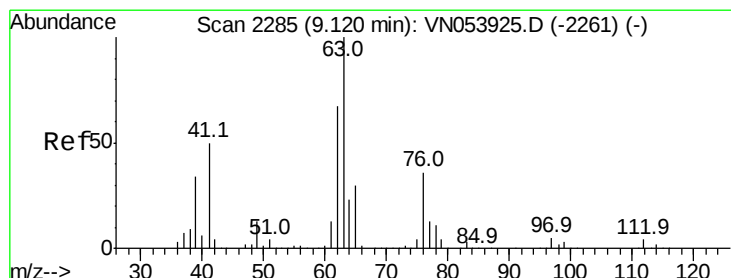
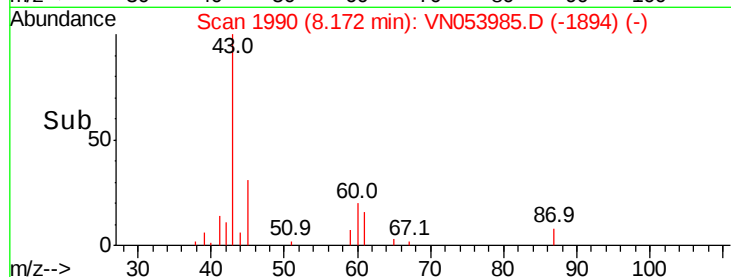
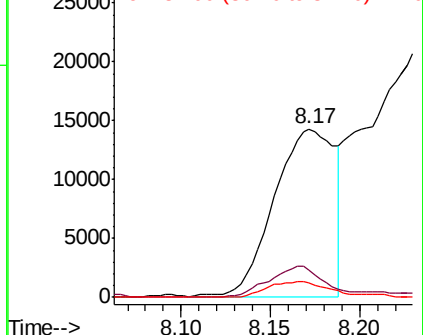
87 9.1 11.5 17.3#



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: 0.230 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053985.D

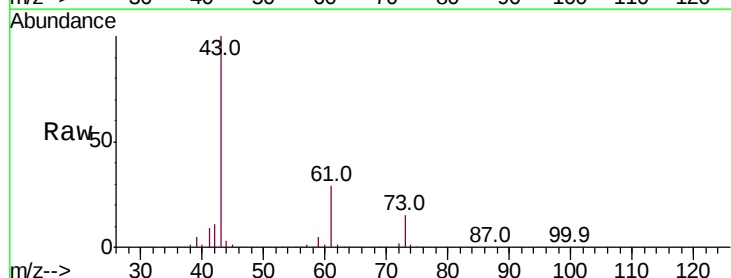
Acq: 27 Feb 2019 22:51

Tgt Ion: 63 Resp: 2002

Ion Ratio Lower Upper

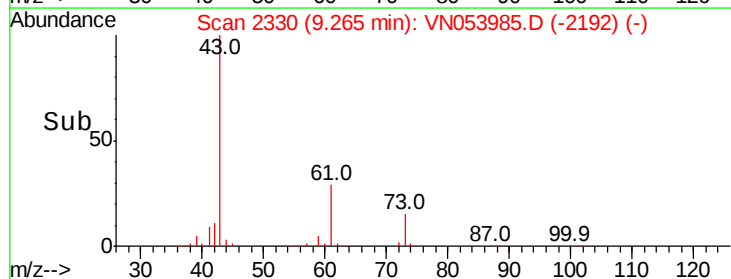
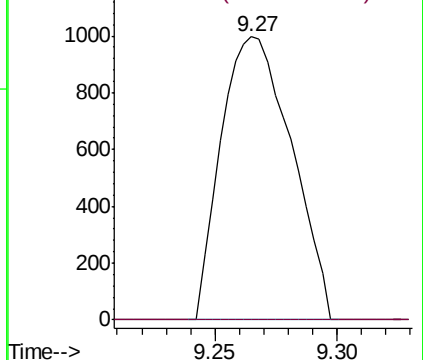
63 100

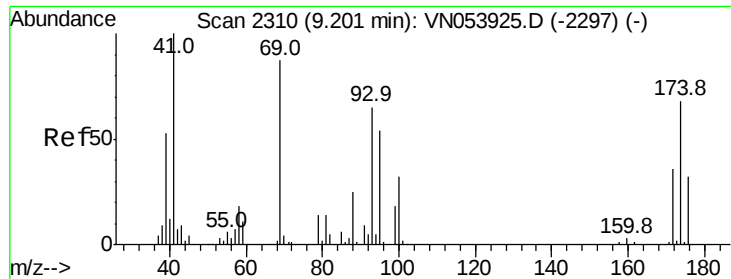
65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

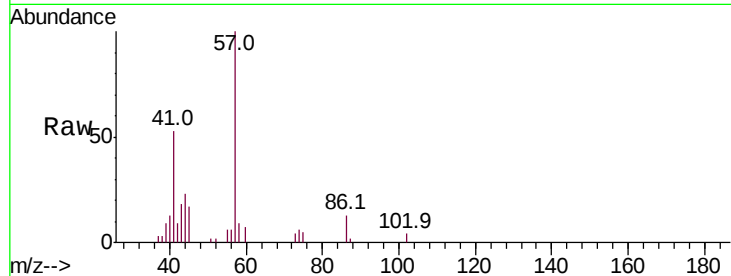




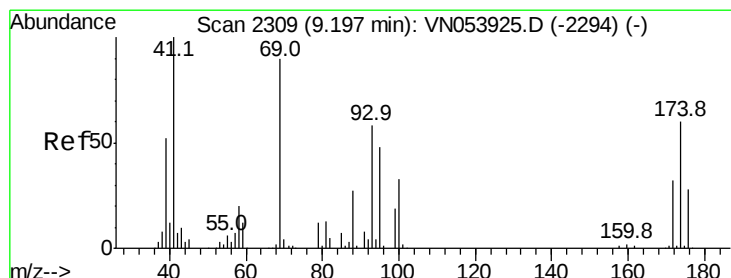
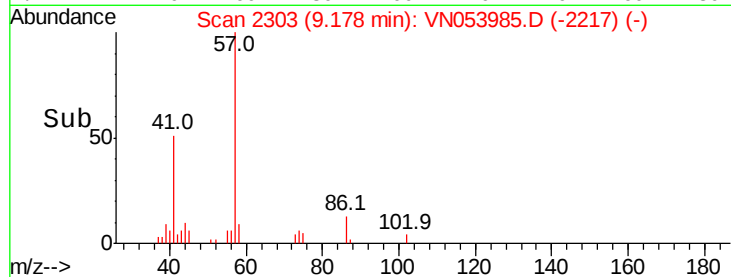
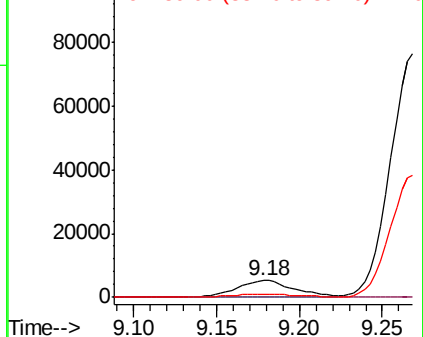
#48
Methyl methacrylate
Concen: 2.194 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 12775
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 22.2 39.0 58.6#

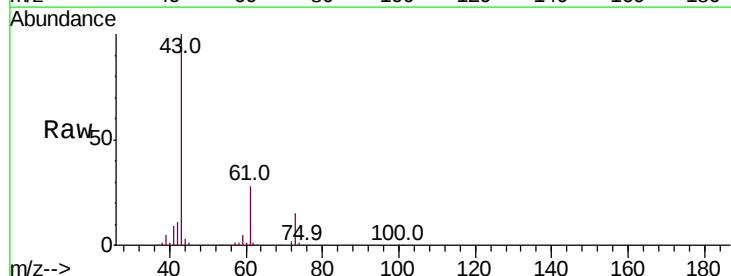


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

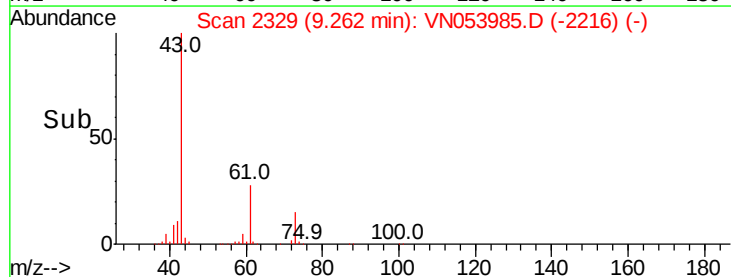
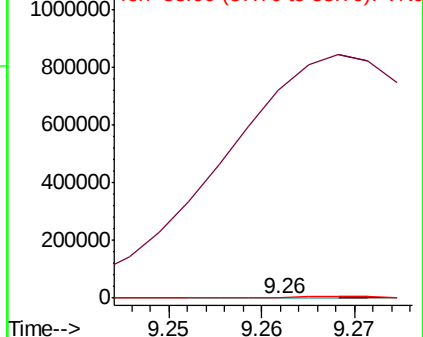


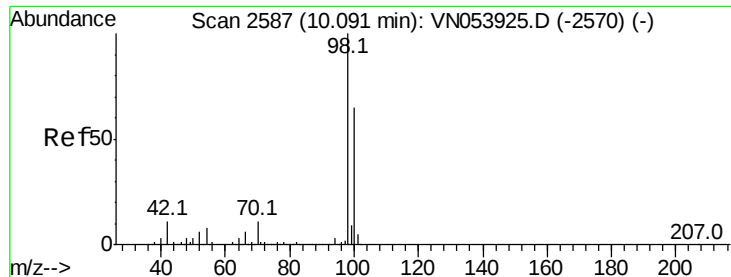
#49
1,4-Dioxane
Concen: 1.357 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
43 0.0 21.2 31.8#
58 0.0 54.2 81.2#



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





#50

Toluene-d8

Concen: 52.767 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

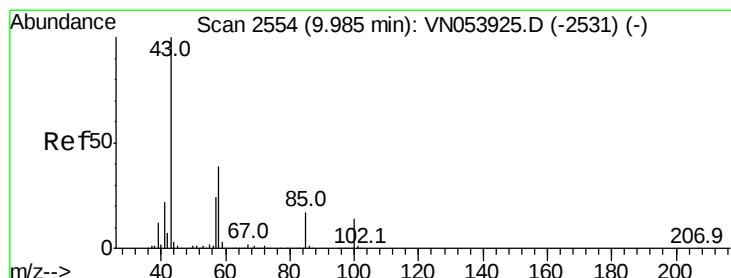
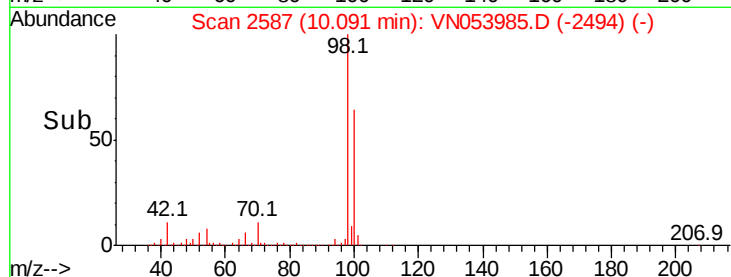
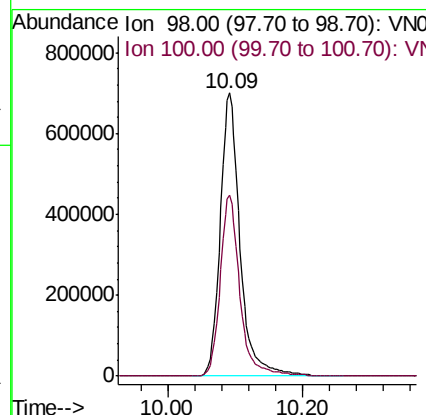
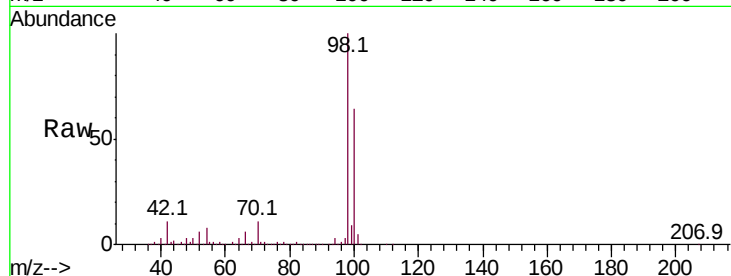
ClientSampleId :

Tot Ion: 98 Resp: 1434367

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.205 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.01 min

Lab File: VN053985.D

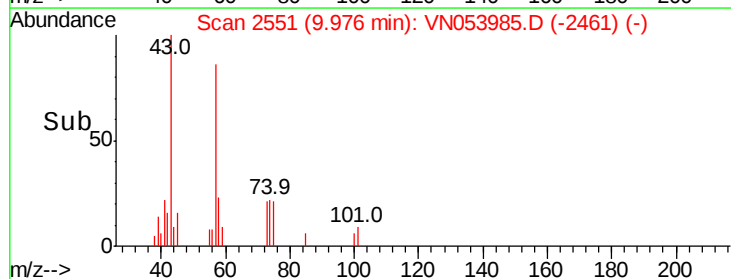
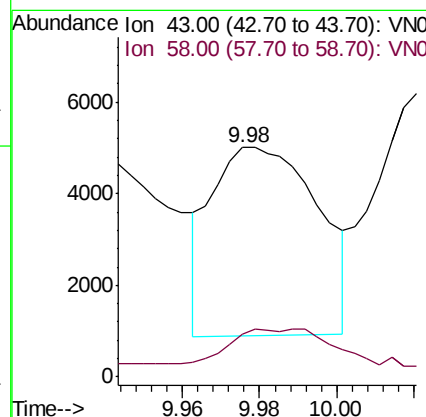
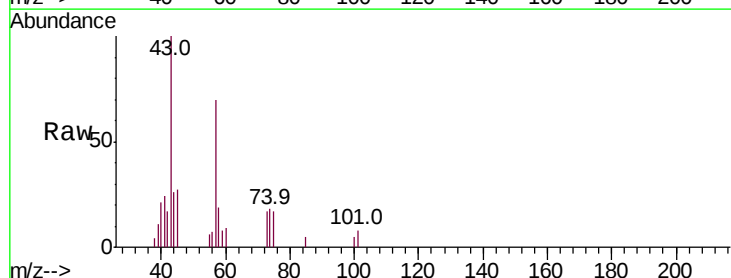
Acq: 27 Feb 2019 22:51

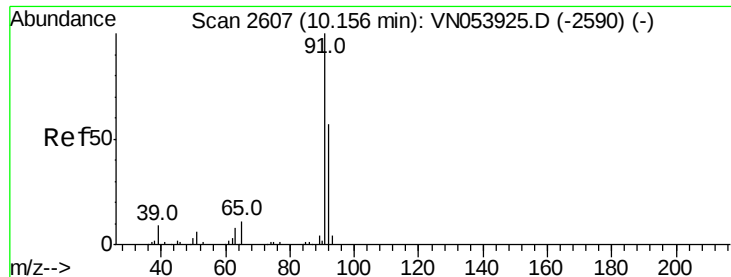
Tgt Ion: 43 Resp: 7838

Ion Ratio Lower Upper

43 100

58 32.2 32.7 49.1#





#52

Toluene

Concen: 2.757 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

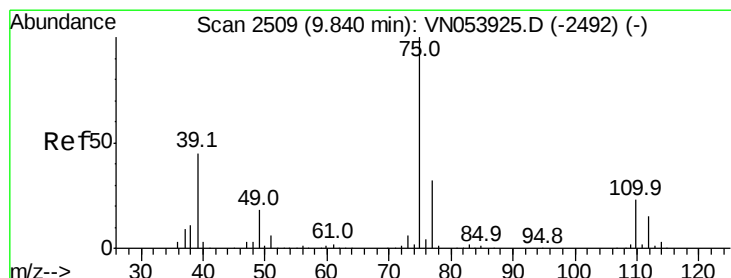
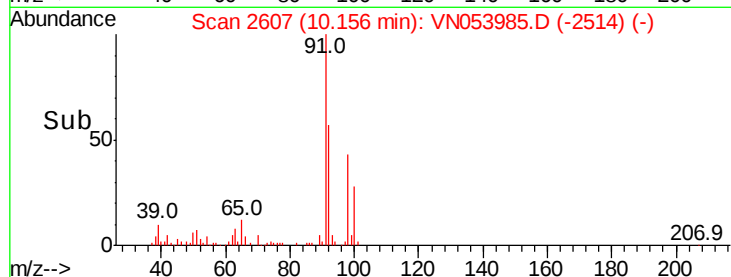
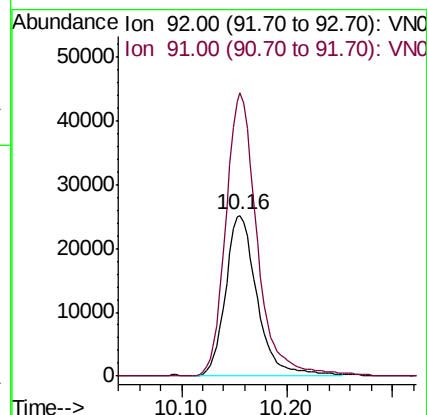
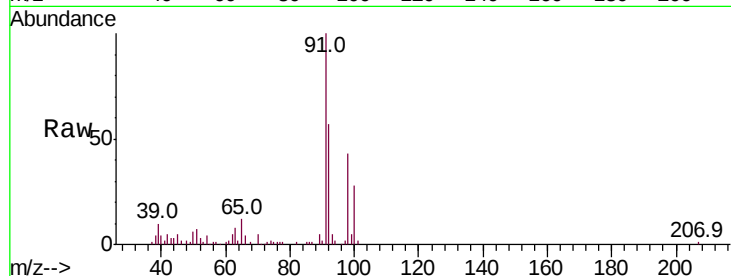
ClientSampleId :

Tot Ion: 92 Resp: 52368

Ion Ratio Lower Upper

92 100

91 175.1 138.4 207.6



#54

cis-1,3-Dichloropropene

Concen: 4.981 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

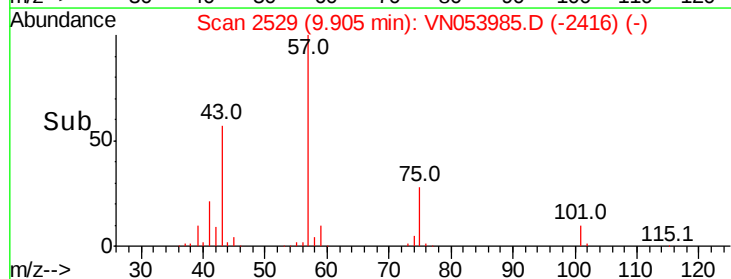
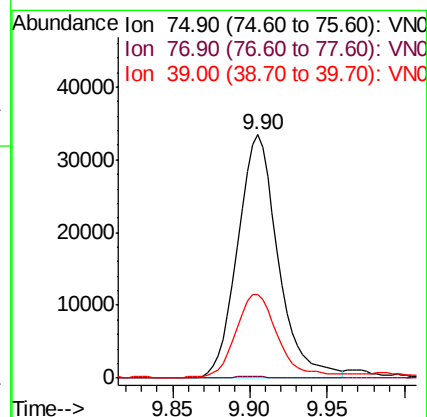
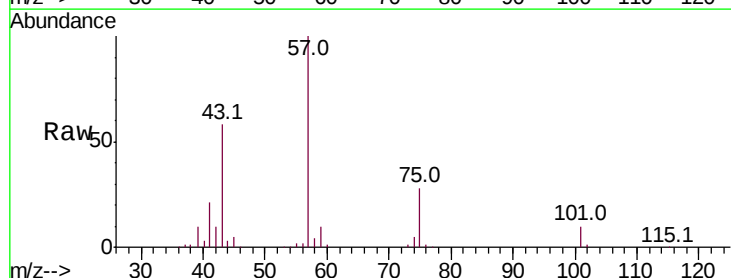
Tgt Ion: 75 Resp: 60843

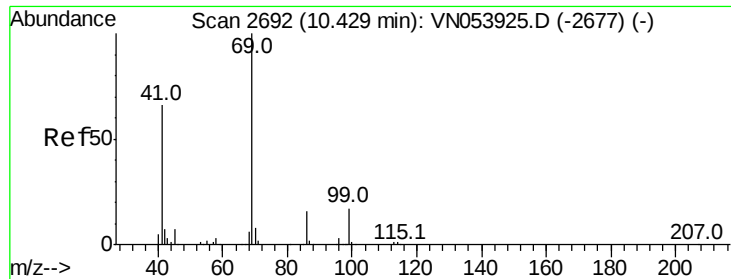
Ion Ratio Lower Upper

75 100

77 0.7 25.8 38.6#

39 33.8 31.4 47.0





#56

Ethyl methacrylate

Concen: 2.026 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

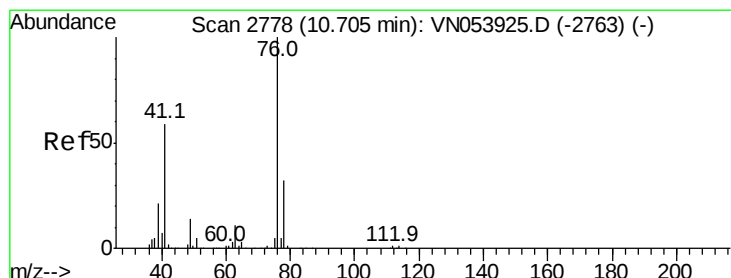
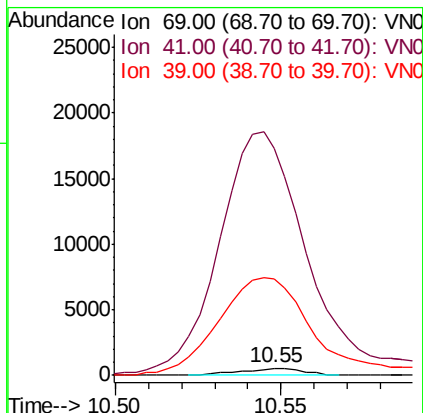
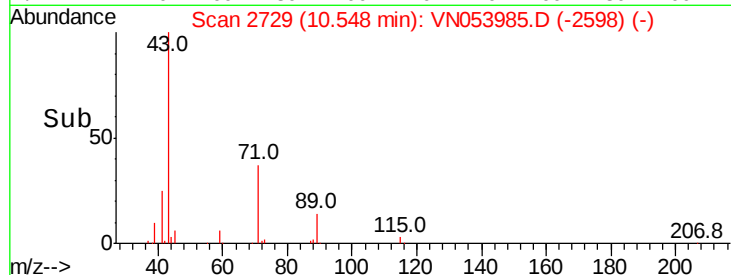
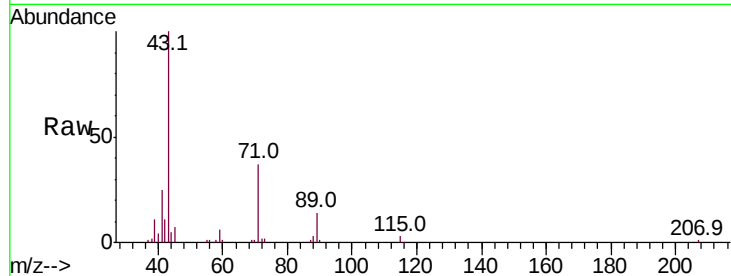
Tot Ion: 69 Resp: 692

Ion Ratio Lower Upper

69 100

41 4914.5 47.5 71.3#

39 2195.2 23.4 35.0#



#57

1,3-Dichloropropane

Concen: 0.981 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053985.D

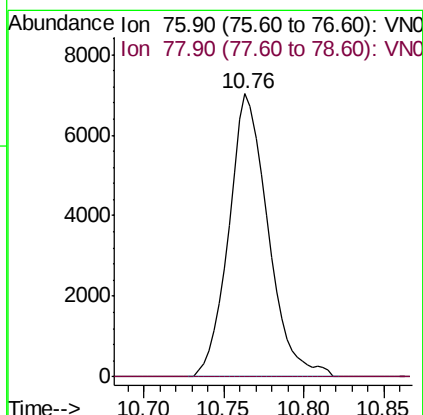
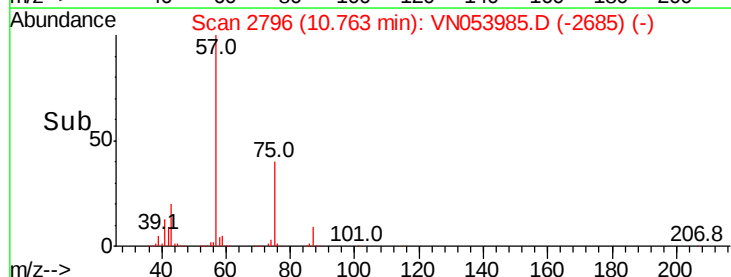
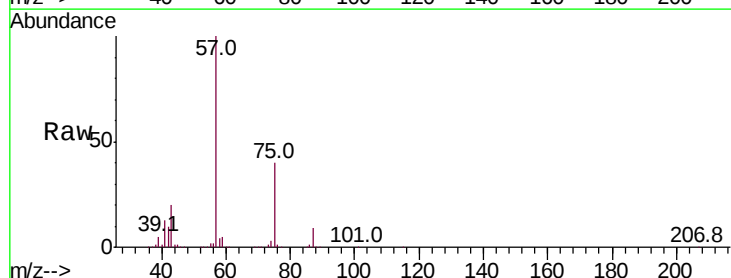
Acq: 27 Feb 2019 22:51

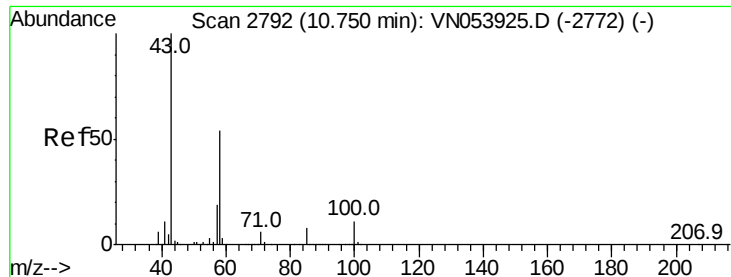
Tgt Ion: 76 Resp: 11760

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#

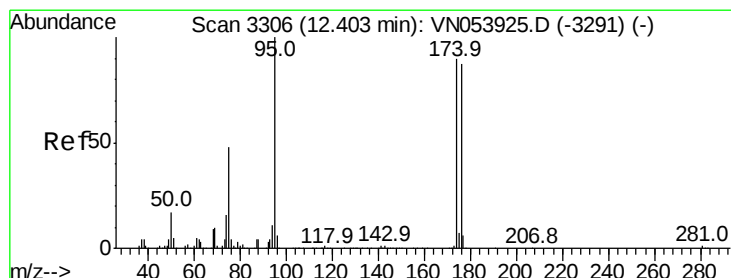
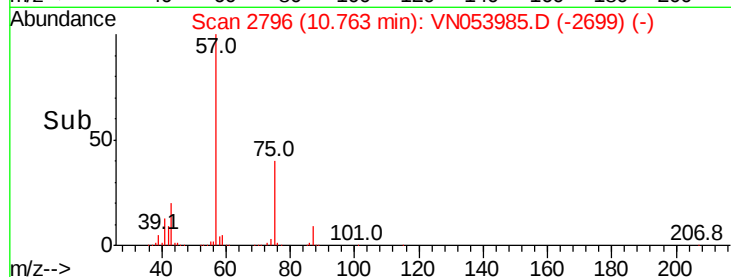
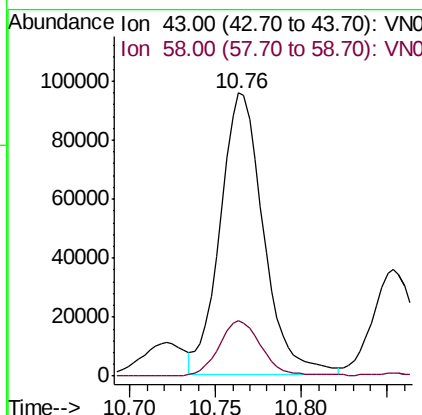
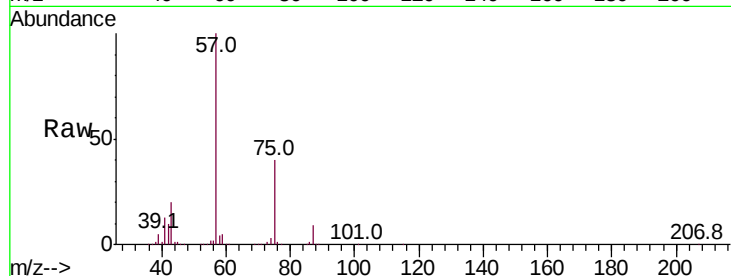




#59
2-Hexanone
Concen: 39.471 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

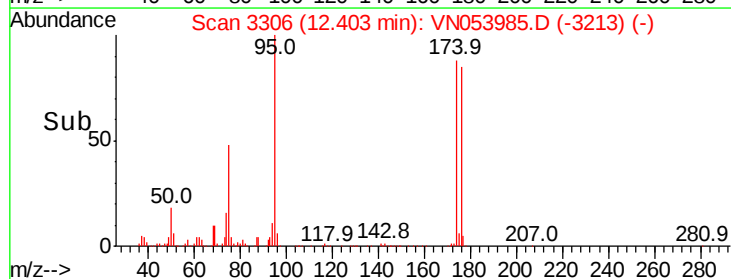
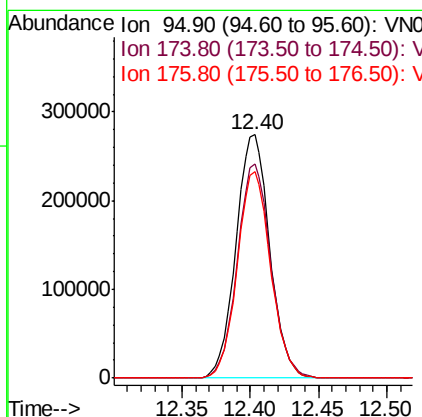
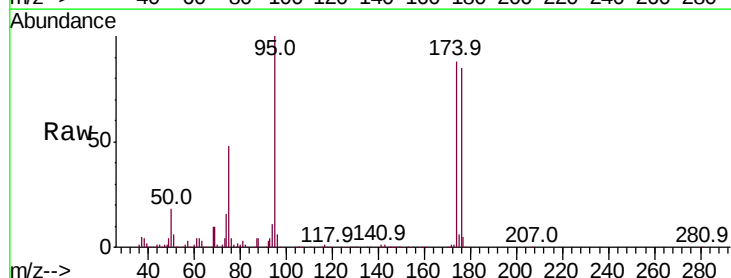
Instrument :
MSVOA_N
ClientSampled :

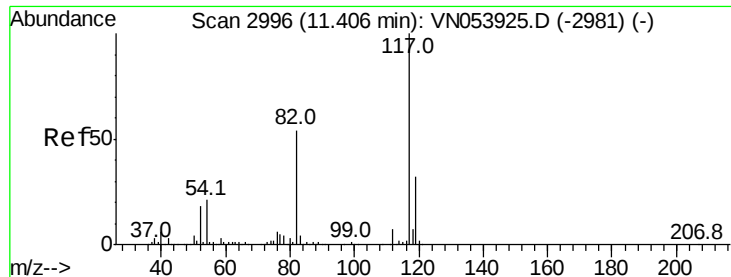
Tot Ion: 43 Resp: 167011
Ion Ratio Lower Upper
43 100
58 19.8 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 52.043 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion: 95 Resp: 471332
Ion Ratio Lower Upper
95 100
174 87.2 0.0 188.8
176 84.0 0.0 182.6

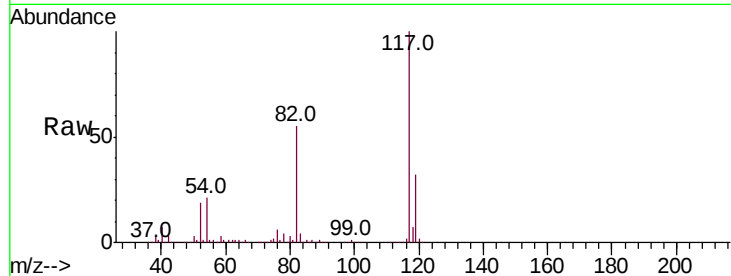




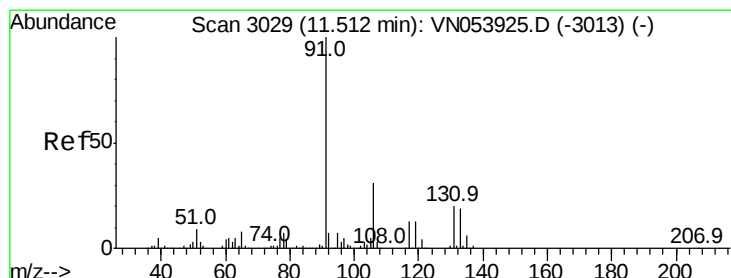
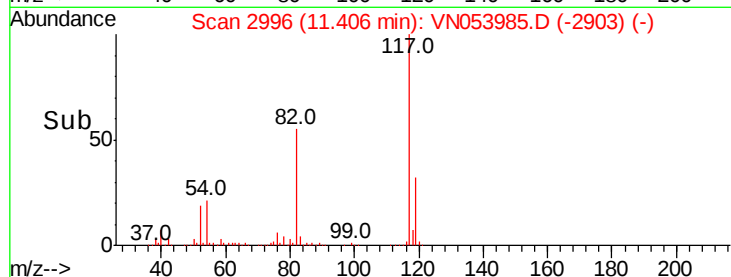
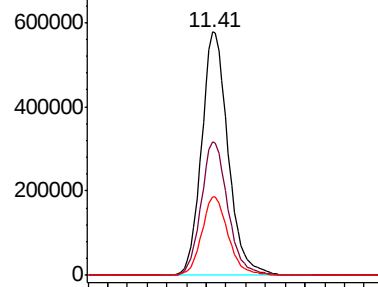
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1085046
Ion Ratio Lower Upper
117 100
82 54.8 41.4 62.2
119 32.3 25.3 37.9

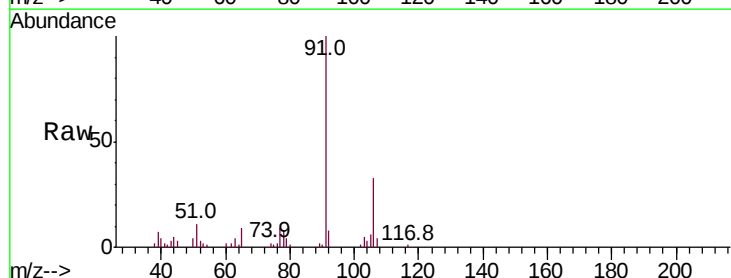


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

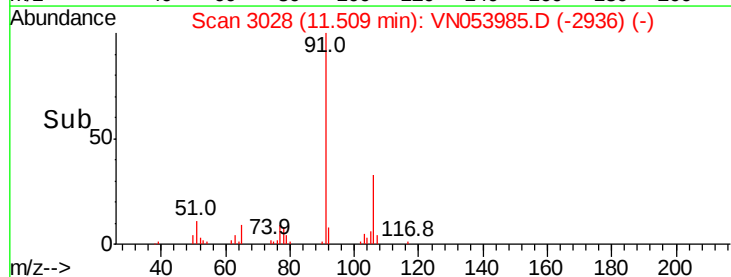
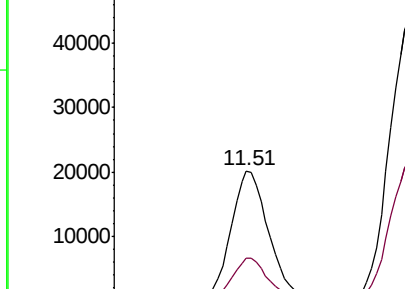


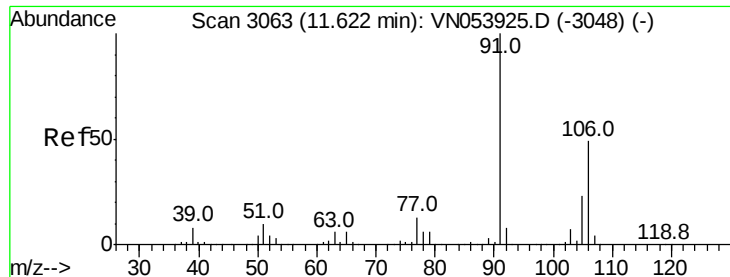
#67
Ethyl Benzene
Concen: 0.941 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion: 91 Resp: 36141
Ion Ratio Lower Upper
91 100
106 32.9 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-Xvlenes

Concen: 2.832 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

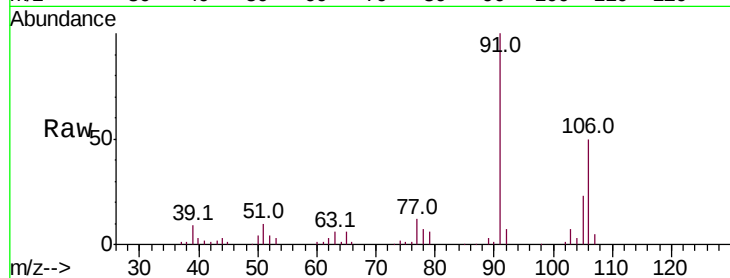
ClientSampled :

Tot Ion:106 Resp: 41036

Ion Ratio Lower Upper

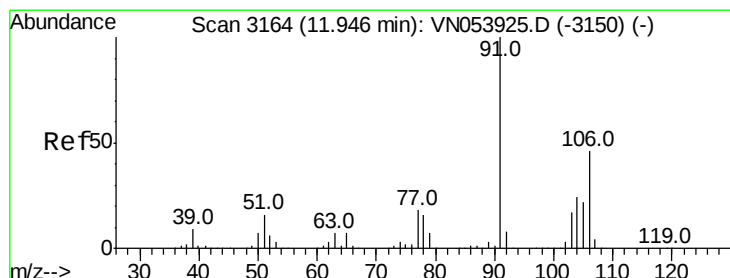
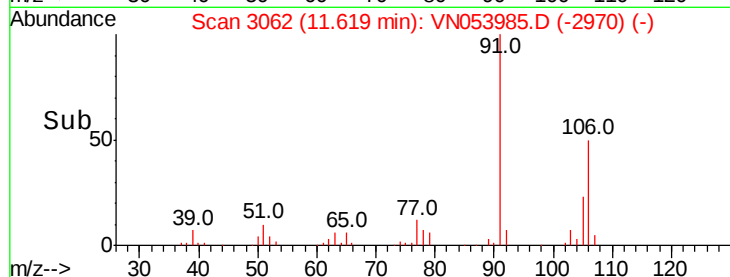
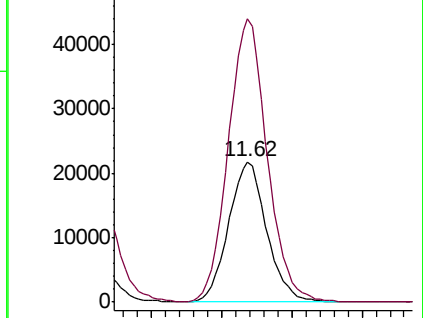
106 100

91 206.5 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 1.712 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN053985.D

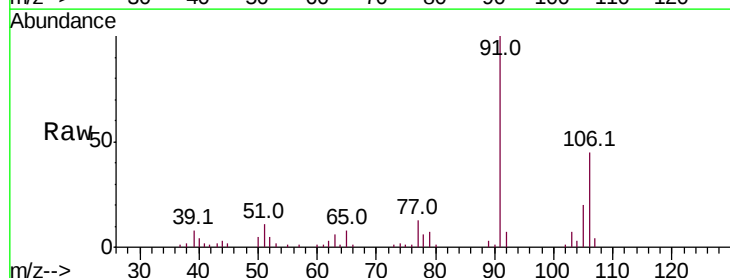
Acq: 27 Feb 2019 22:51

Tgt Ion:106 Resp: 24376

Ion Ratio Lower Upper

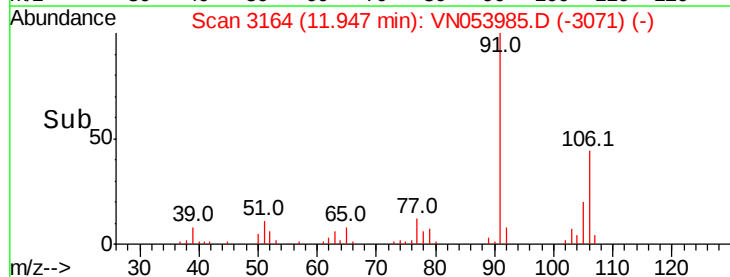
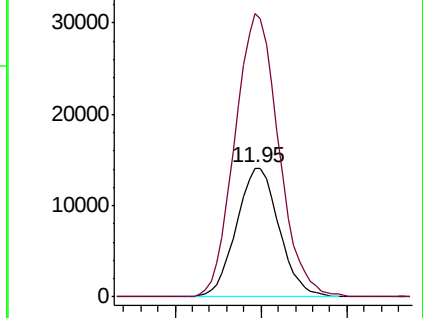
106 100

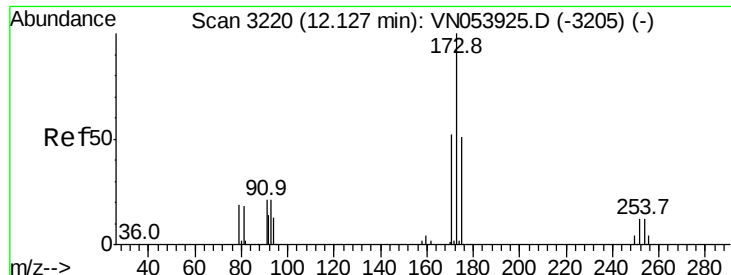
91 225.2 106.0 318.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.648 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

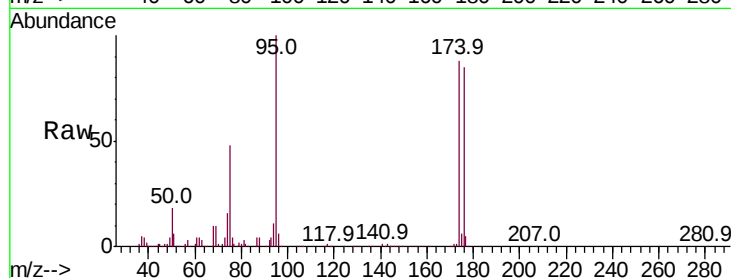
Tot Ion:173 Resp: 3720

Ion Ratio Lower Upper

173 100

175 686.2 24.3 72.8#

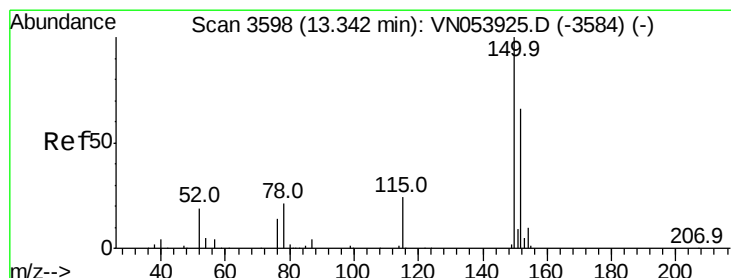
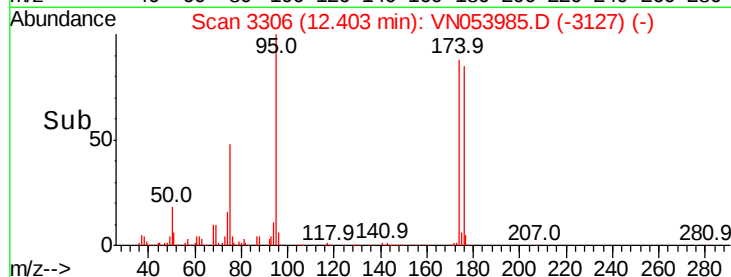
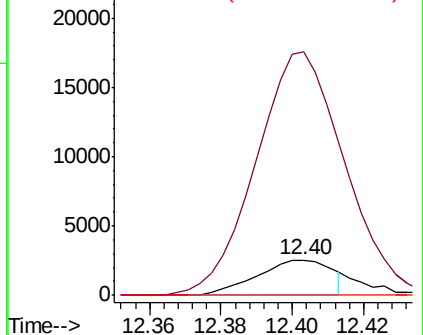
254 0.0 0.2 0.2#



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: VN053985.D

Acq: 27 Feb 2019 22:51

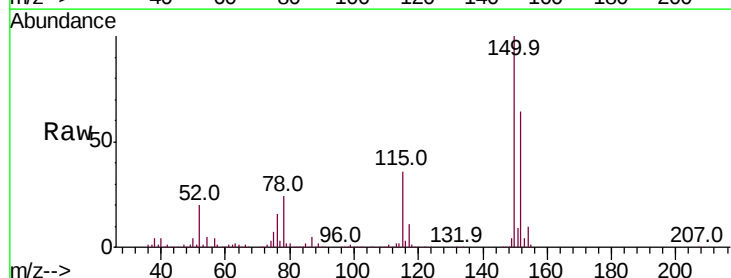
Tgt Ion:152 Resp: 410935

Ion Ratio Lower Upper

152 100

115 57.3 27.2 81.6

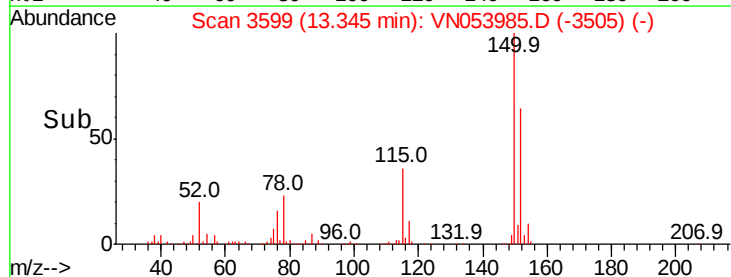
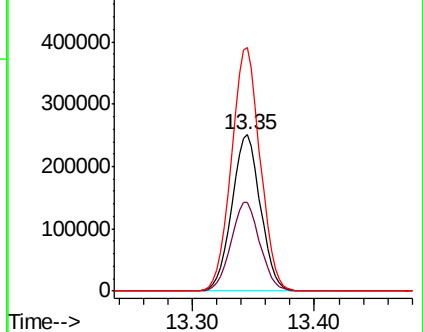
150 155.5 0.0 348.2

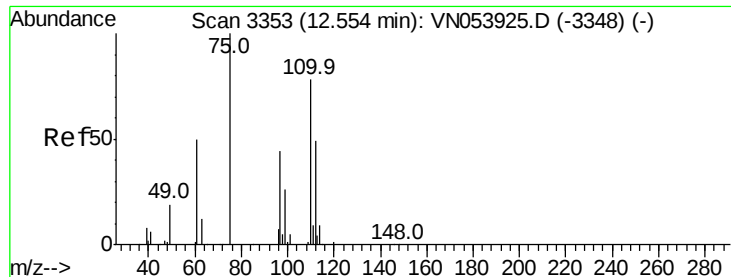


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 34.647 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

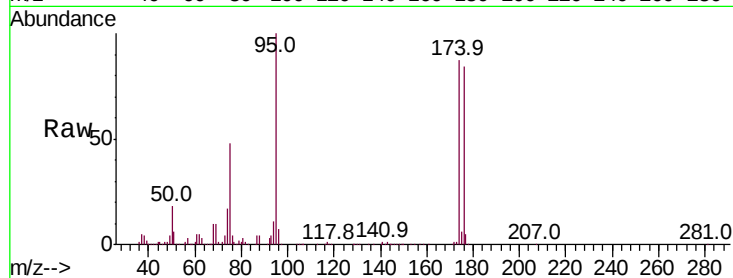
ClientSampleId :

Tot Ion: 75 Resp: 228398

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

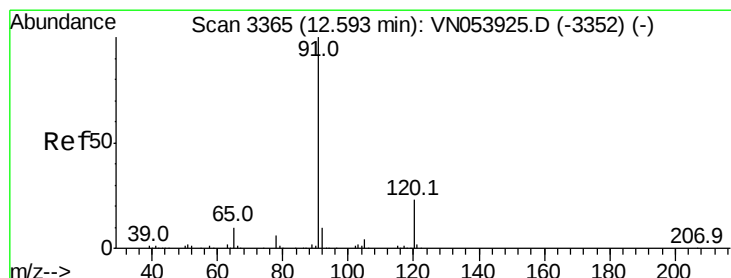
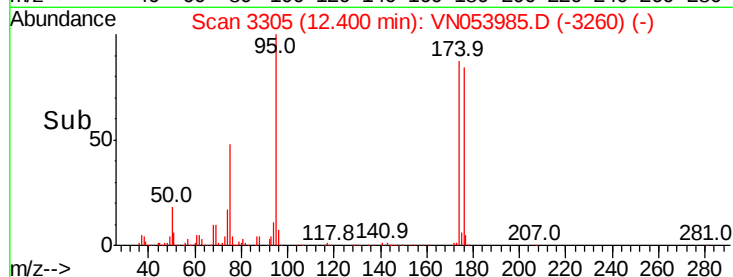
150000

100000

50000

0

Time--> 12.30 12.40



#78

n-propylbenzene

Concen: 0.376 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053985.D

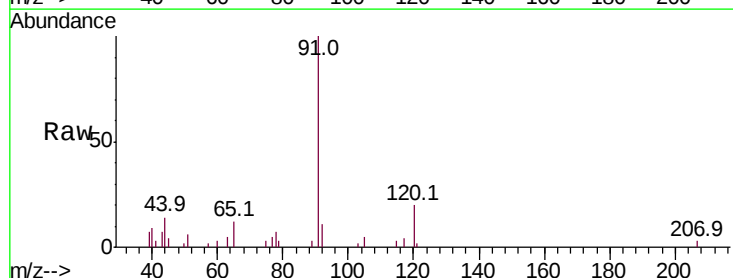
Acq: 27 Feb 2019 22:51

Tgt Ion: 91 Resp: 13694

Ion Ratio Lower Upper

91 100

120 22.4 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

8000

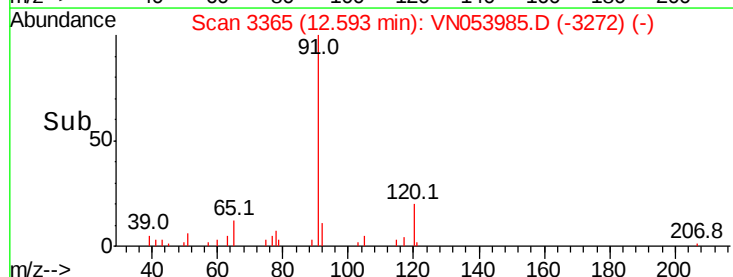
6000

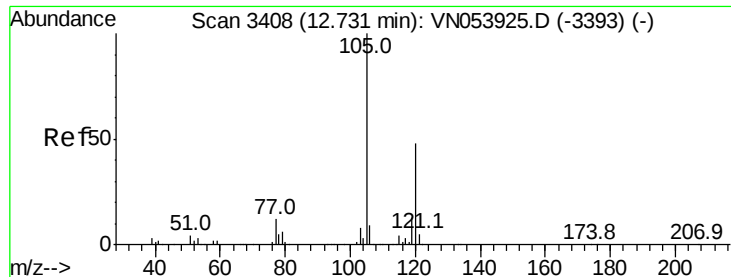
4000

2000

0

Time--> 12.55 12.60 12.65





#80

1,3,5-Trimethylbenzene

Concen: 0.485 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

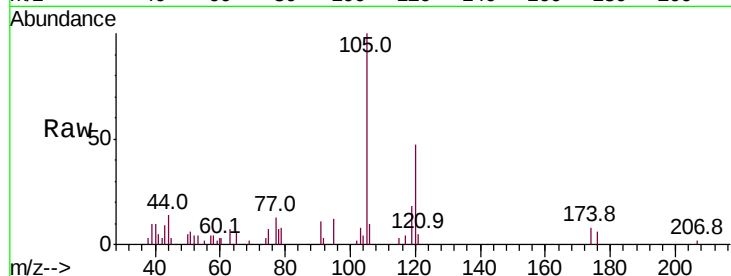
ClientSampleId :

Tot Ion:105 Resp: 12699

Ion Ratio Lower Upper

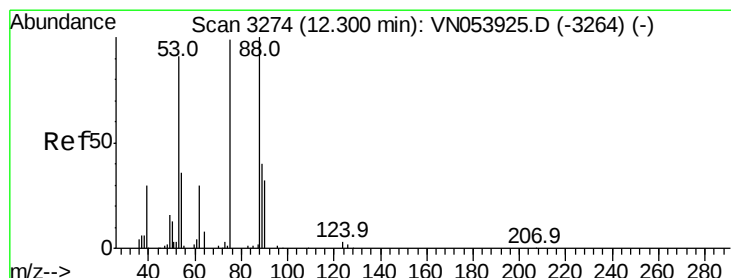
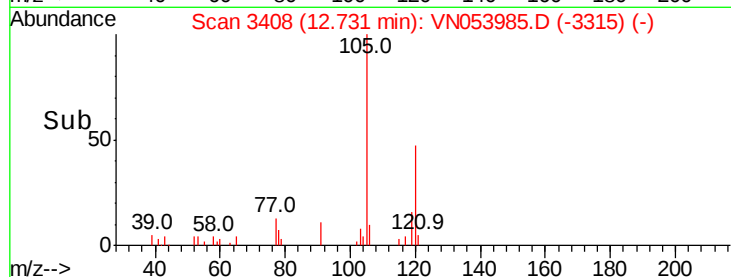
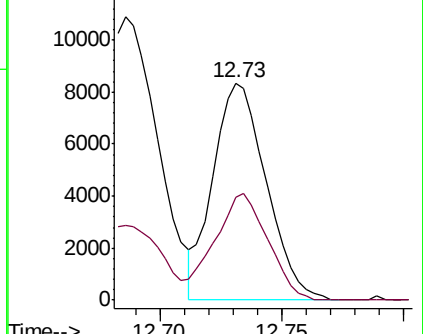
105 100

120 49.6 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 109.506 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

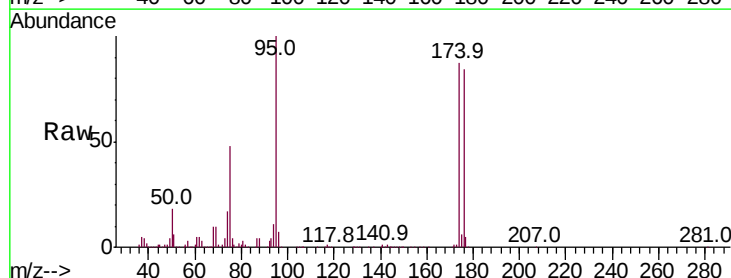
Tgt Ion: 75 Resp: 228398

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

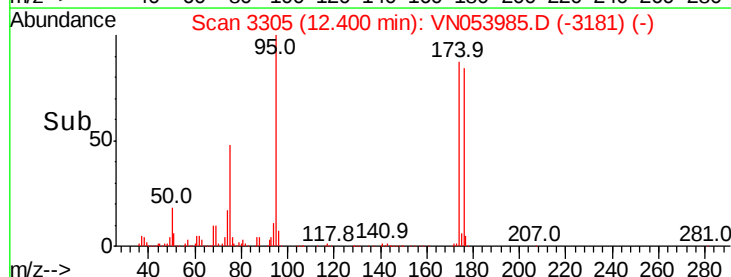
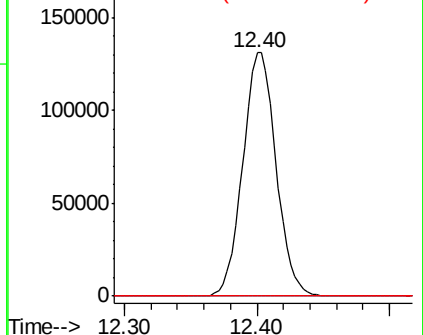
89 0.0 35.3 52.9#

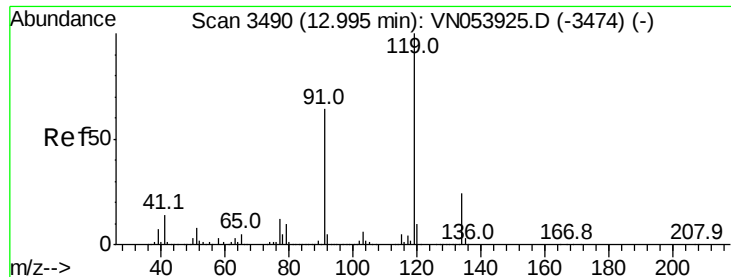


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.362 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

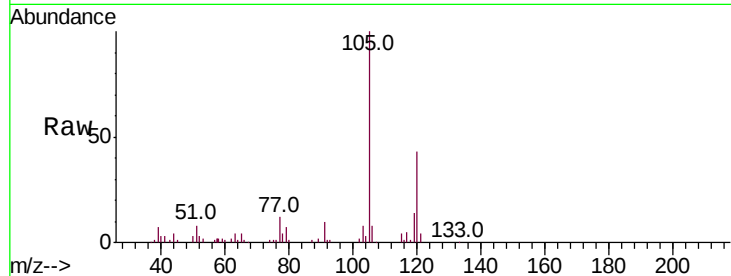
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:119 Resp: 8376

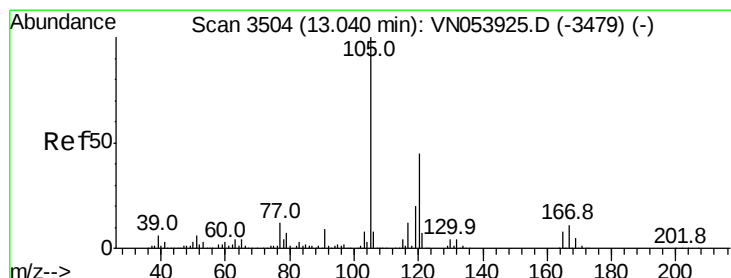
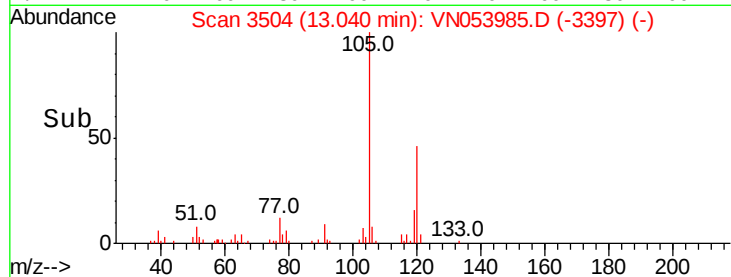
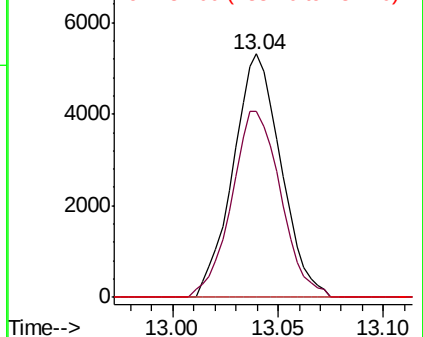
Ion	Ratio	Lower	Upper
119	100		
91	78.6	30.6	91.8
134	0.0	13.0	39.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.449 ug/l

RT: 13.04 min Scan# 3504

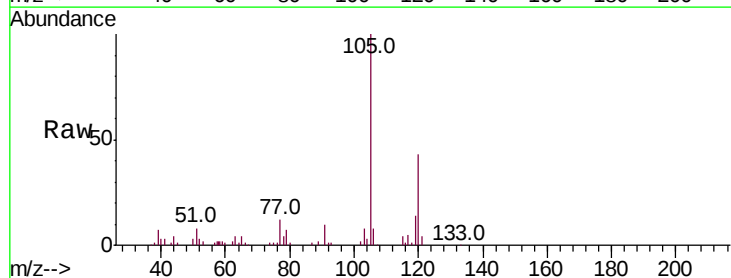
Delta R.T. 0.00 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

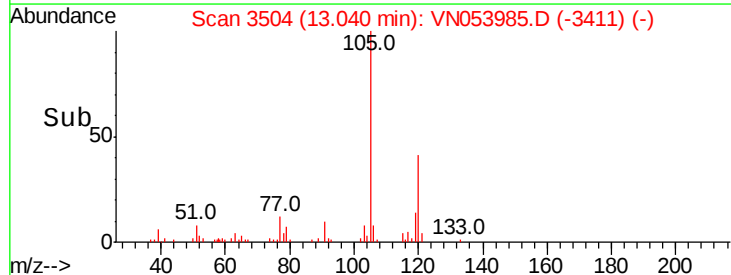
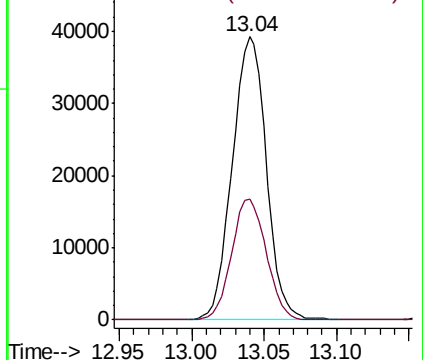
Tgt Ion:105 Resp: 64029

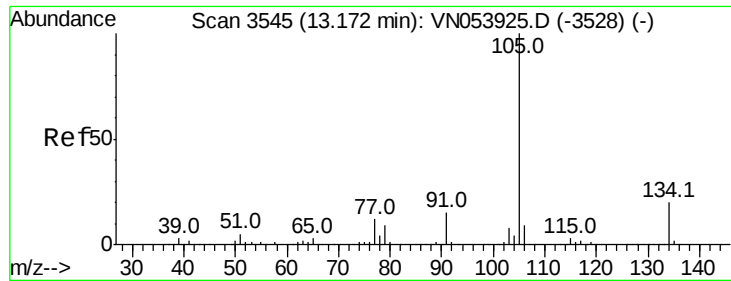
Ion	Ratio	Lower	Upper
105	100		
120	43.3	23.2	69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.024 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

Instrument :

MSVOA_N

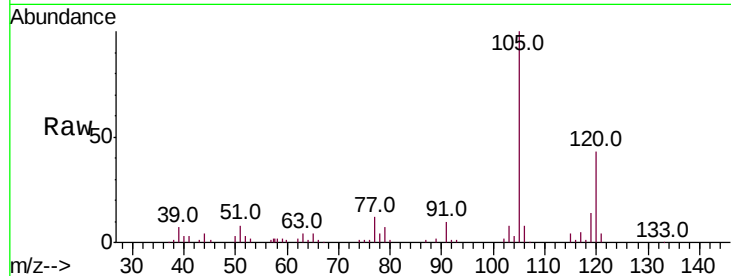
ClientSampleId :

Tot Ion:105 Resp: 64029

Ion Ratio Lower Upper

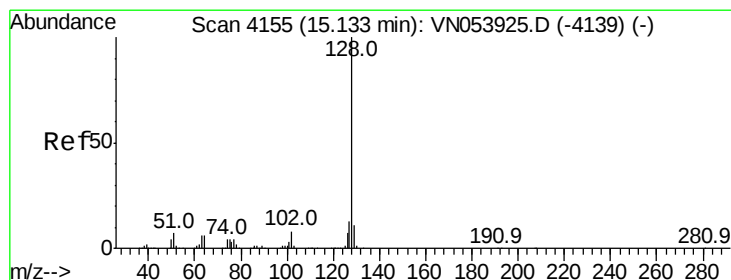
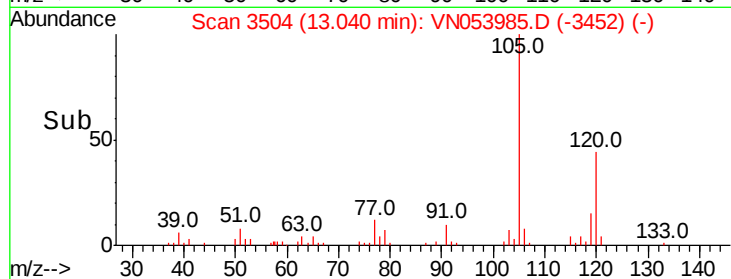
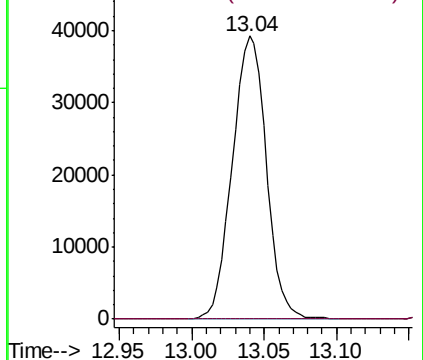
105 100

134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 4.229 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053985.D

Acq: 27 Feb 2019 22:51

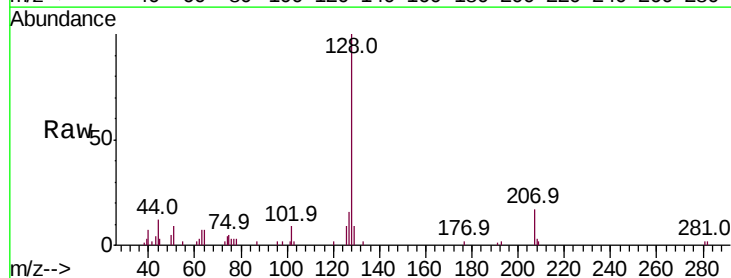
Tgt Ion:128 Resp: 17679

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

129 11.9 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

