

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053716.D
 Acq On : 11 Feb 2019 20:21
 Operator : JC/SP
 Sample : K1448-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30172

Quant Time: Feb 11 22:13:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	725164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1181619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1060112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	446039	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	377579	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
35) Dibromofluoromethane	7.59	113	363902	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
50) Toluene-d8	10.09	98	1407745	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.40	95	475018	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	7973	18.519	ug/l #	85
13) Acrolein	3.61	56	8150	34.768	ug/l	96
14) Allyl chloride	4.27	41	6581	0.616	ug/l #	47
15) Acrylonitrile	5.00	53	1048	0.451	ug/l #	57
16) Acetone	3.82	43	683130	366.093	ug/l	98
18) Methyl Acetate	4.32	43	300425	54.364	ug/l	97
20) Methylene Chloride	4.56	84	232823	29.740	ug/l	99
22) Diisopropyl ether	6.03	45	8105	0.409	ug/l #	1
23) Vinyl Acetate	6.03	43	15515	1.132	ug/l #	72
25) 2-Butanone	6.84	43	39257	14.751	ug/l	100
31) Cyclohexane	7.67	56	10329	0.672	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42117	3.954	ug/l #	50
37) Ethyl Acetate	6.94	43	4475	0.752	ug/l #	84
38) Carbon Tetrachloride	7.66	117	57275	5.338	ug/l #	16
40) Benzene	8.05	78	8403	0.256	ug/l #	88
43) Isopropyl Acetate	8.29	43	113267	9.859	ug/l #	52
44) Trichloroethene	8.84	130	3008	0.322	ug/l	99
48) Methyl methacrylate	9.17	41	10921	1.991	ug/l #	31
49) 1,4-Dioxane	9.20	88	1712	59.800	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	4212	0.746	ug/l	99
52) Toluene	10.16	92	1135236	58.234	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	11748	1.114	ug/l #	1
59) 2-Hexanone	10.75	43	8601	2.244	ug/l	78
68) m/p-Xylenes	11.62	106	7125	0.505	ug/l	98
69) o-Xylene	11.95	106	3583	0.263	ug/l	99
71) Bromoform	12.40	173	1384	0.257	ug/l #	28
74) N-amyl acetate	12.03	43	15364	2.038	ug/l #	41
76) 1,2,3-Trichloropropane	12.40	75	219159	38.254	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5296	0.204	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	219159	107.566	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	21038	0.794	ug/l	97
95) Naphthalene	15.13	128	17738	2.610	ug/l #	82

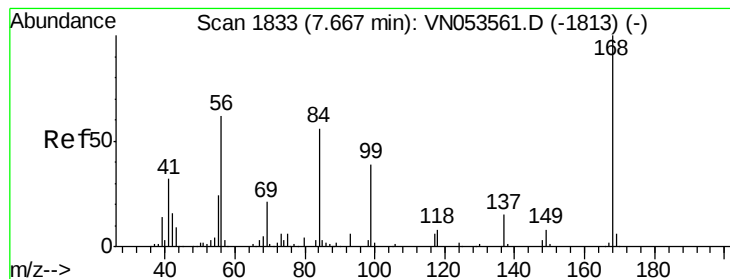
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053716.D
Acq On : 11 Feb 2019 20:21
Operator : JC/SP
Sample : K1448-02
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Feb 11 22:13:00 2019
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

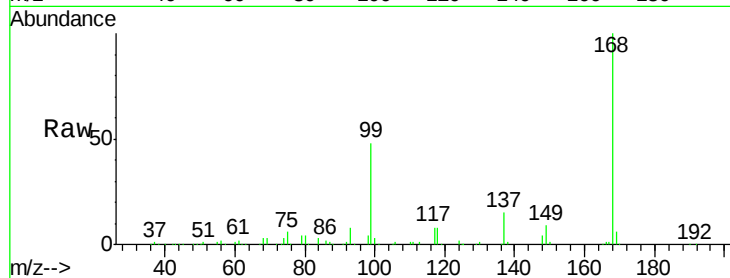
30172

Tot Ion:168 Resp: 725164

Ion Ratio Lower Upper

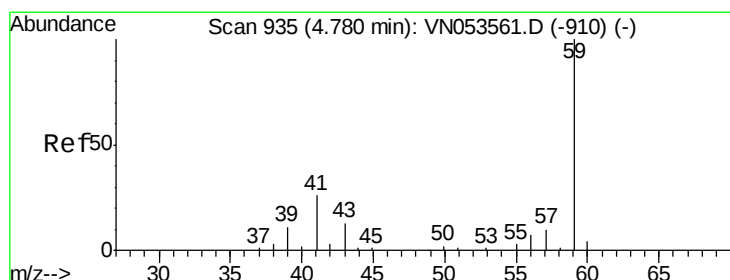
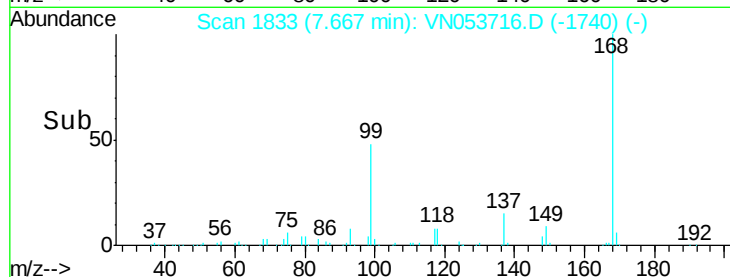
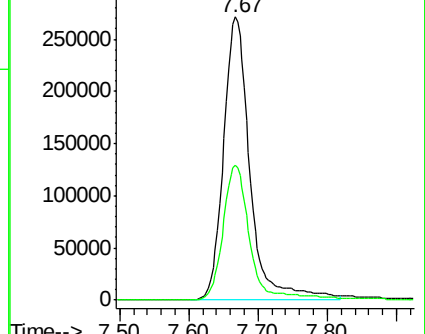
168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 18.519 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN053716.D

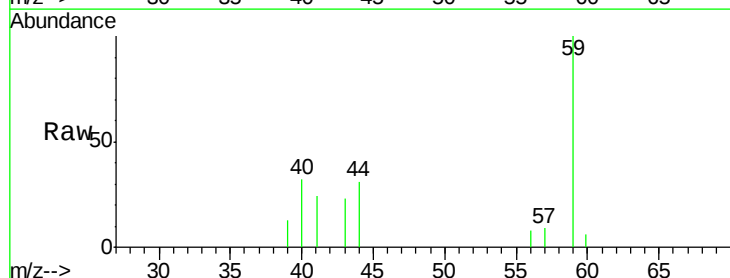
Acq: 11 Feb 2019 20:21

Tgt Ion: 59 Resp: 7973

Ion Ratio Lower Upper

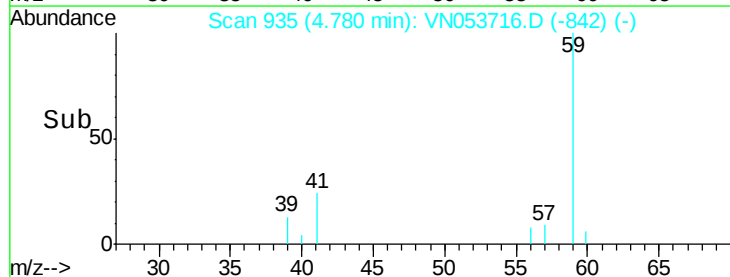
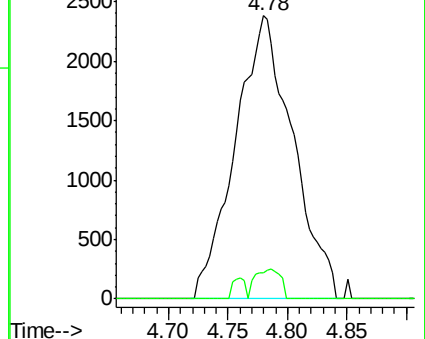
59 100

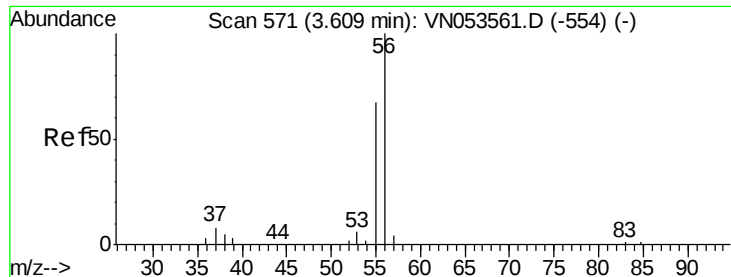
57 4.6 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 34.768 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

ClientSampled :

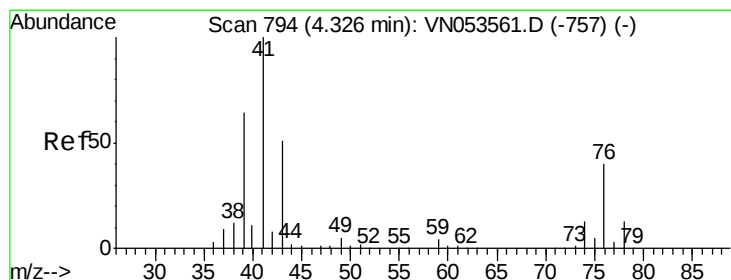
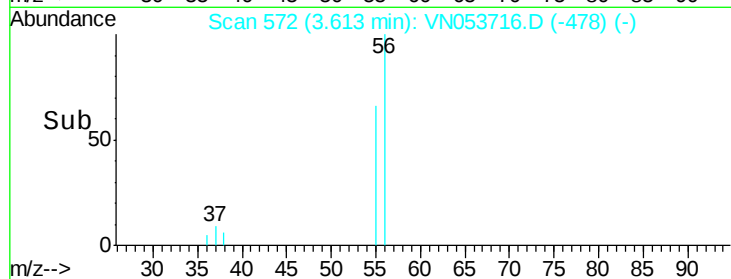
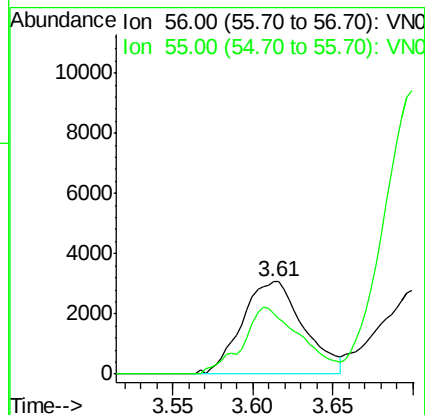
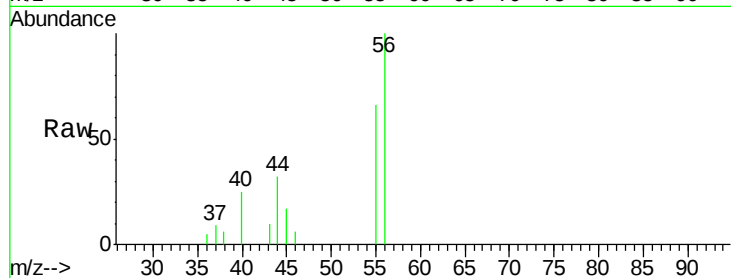
30172

Tot Ion: 56 Resp: 8150

Ion Ratio Lower Upper

56 100

55 68.6 57.4 86.0



#14

Allyl chloride

Concen: 0.616 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.05 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

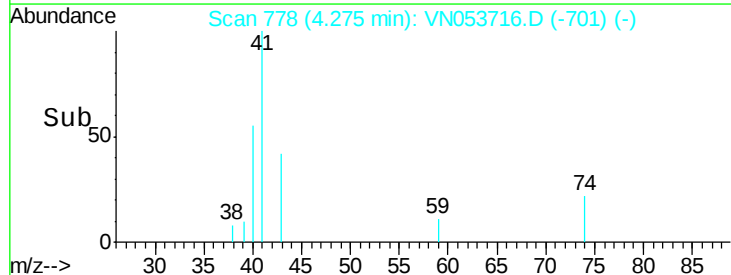
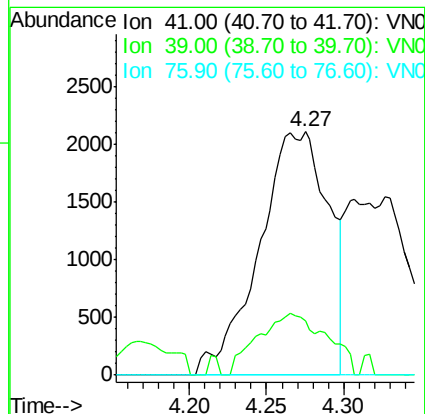
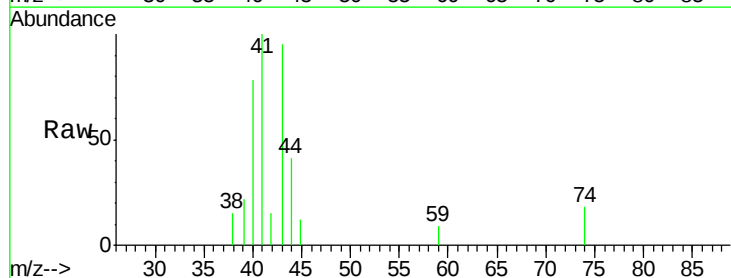
Tgt Ion: 41 Resp: 6581

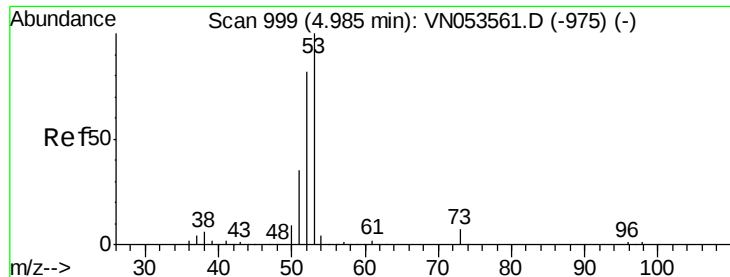
Ion Ratio Lower Upper

41 100

39 25.0 48.9 73.3#

76 0.0 29.4 44.2#

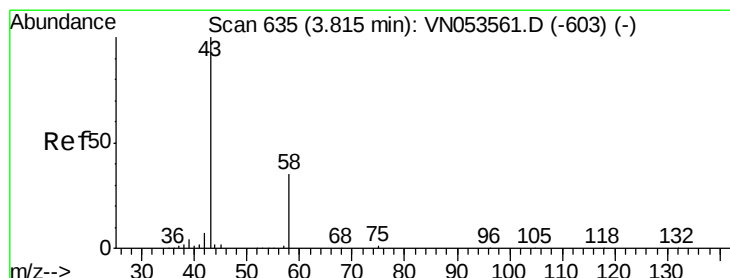
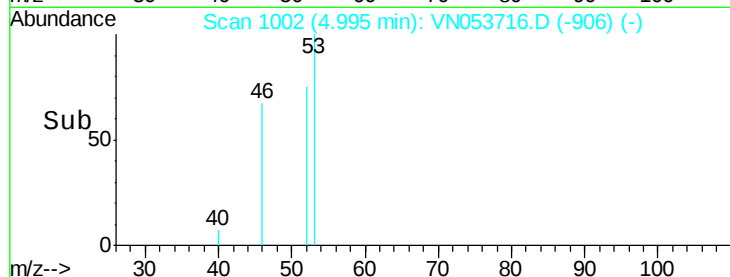
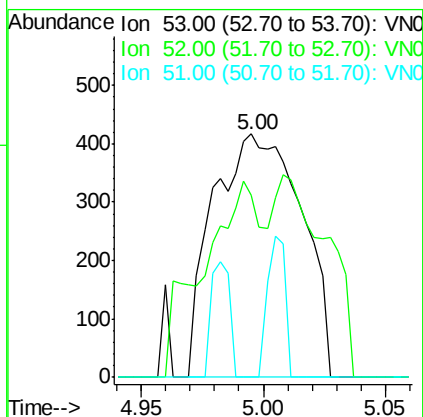
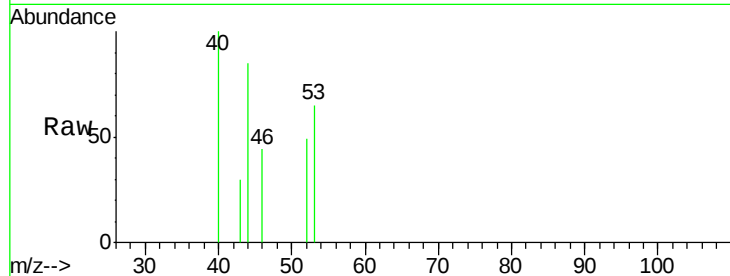




#15
 Acrylonitrile
 Concen: 0.451 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

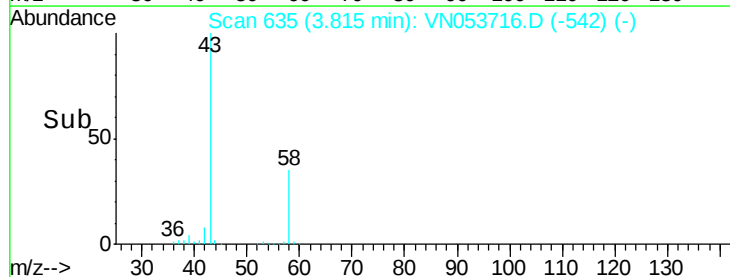
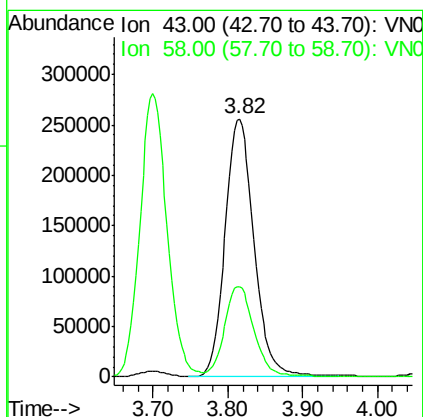
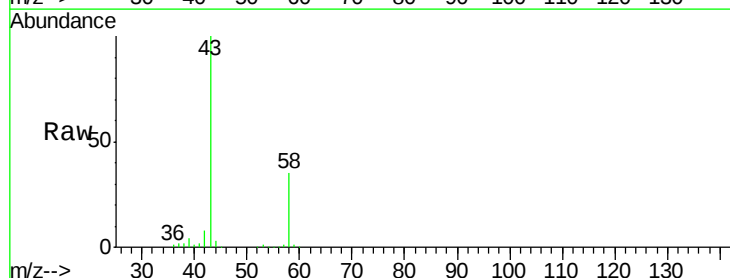
Instrument :
 MSVOA_N
 ClientSampled :
 30172

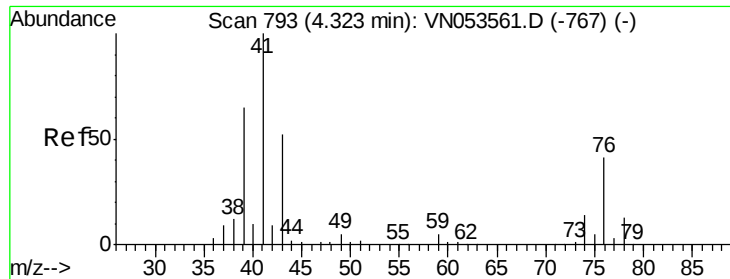
Tot Ion: 53 Resp: 1048
 Ion Ratio Lower Upper
 53 100
 52 43.6 66.0 99.0#
 51 10.2 28.3 42.5#



#16
 Acetone
 Concen: 366.093 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

Tgt Ion: 43 Resp: 683130
 Ion Ratio Lower Upper
 43 100
 58 34.8 27.1 40.7

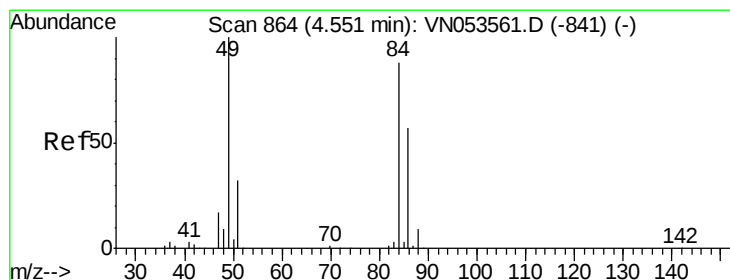
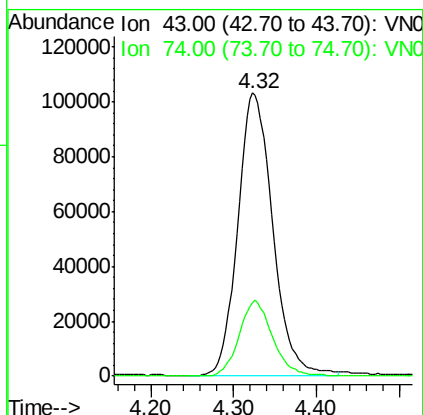
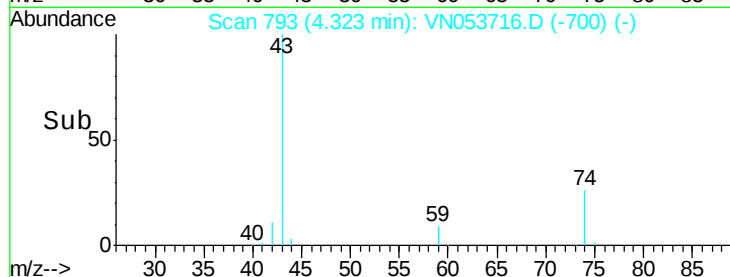
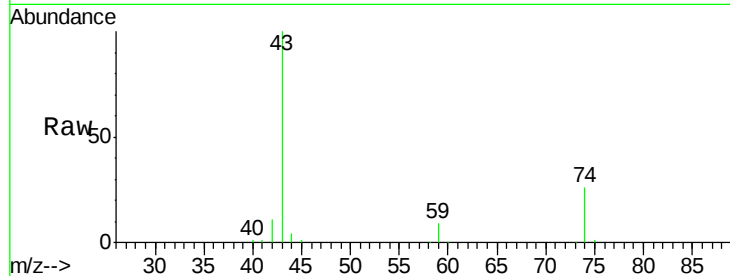




#18
Methyl Acetate
Concen: 54.364 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053716.D
Acq: 11 Feb 2019 20:21

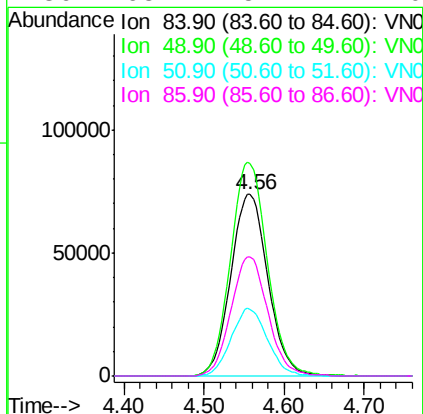
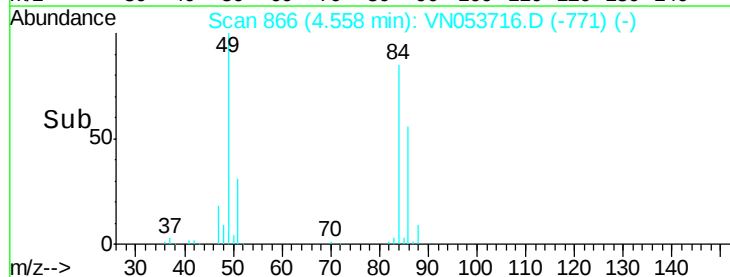
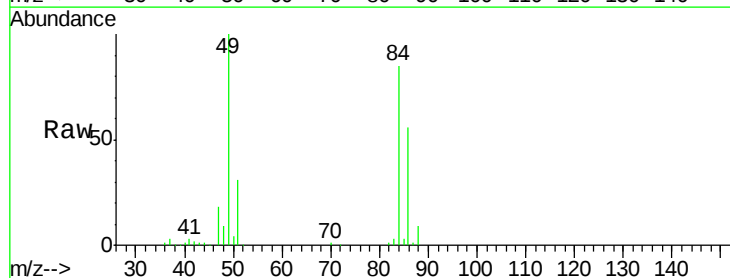
Instrument :
MSVOA_N
ClientSampleId :
30172

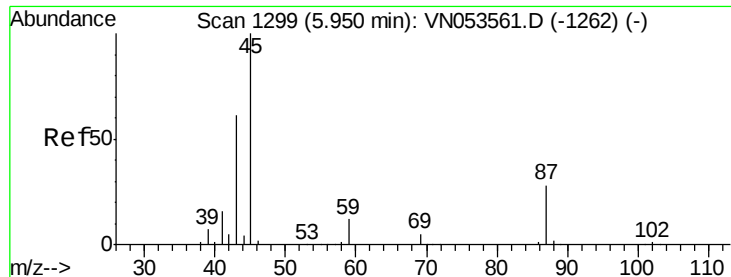
Tot Ion: 43 Resp: 300425
Ion Ratio Lower Upper
43 100
74 25.8 19.4 29.2



#20
Methylene Chloride
Concen: 29.740 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053716.D
Acq: 11 Feb 2019 20:21

Tgt Ion: 84 Resp: 232823
Ion Ratio Lower Upper
84 100
49 117.0 94.3 141.5
51 36.7 29.4 44.2
86 65.7 51.4 77.0





#22

Diisopropyl ether

Concen: 0.409 ug/l

RT: 6.03 min Scan# 1323

Delta R.T. 0.08 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :
30172

Tot Ion: 45 Resp: 8105

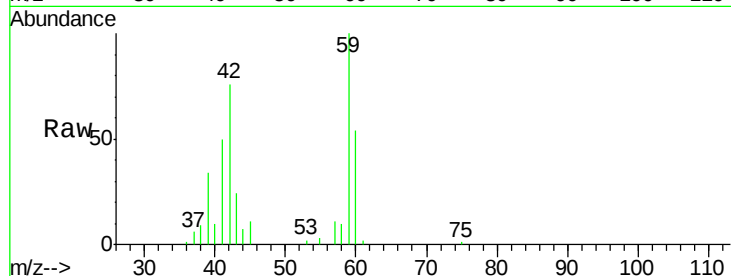
Ion Ratio Lower Upper

45 100

43 193.9 44.2 66.4#

87 0.0 22.7 34.1#

59 853.6 9.4 14.2#

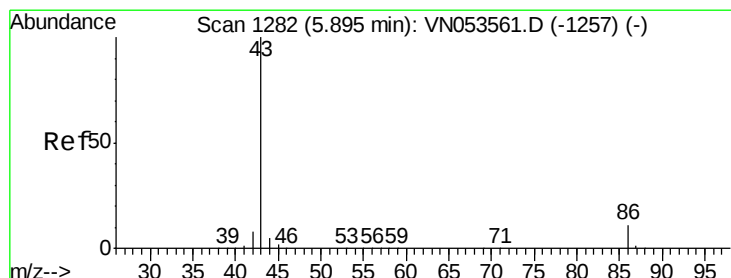
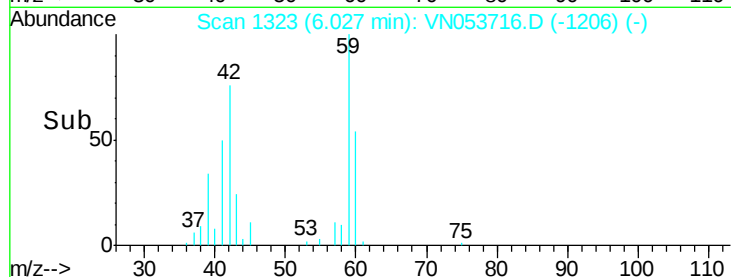
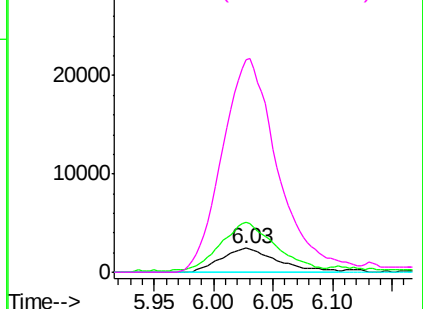


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 1.132 ug/l

RT: 6.03 min Scan# 1323

Delta R.T. 0.13 min

Lab File: VN053716.D

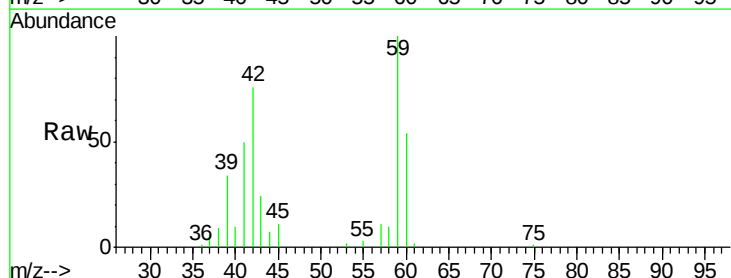
Acq: 11 Feb 2019 20:21

Tgt Ion: 43 Resp: 15515

Ion Ratio Lower Upper

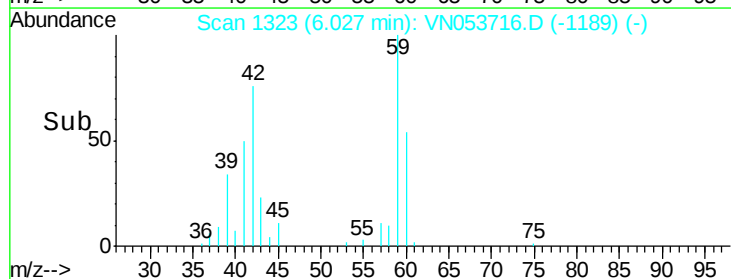
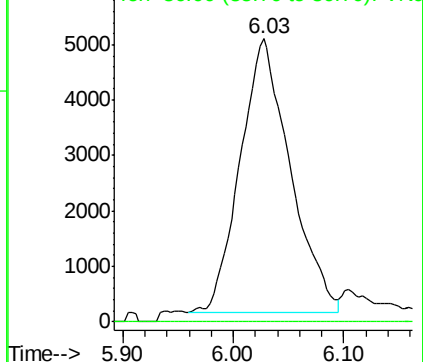
43 100

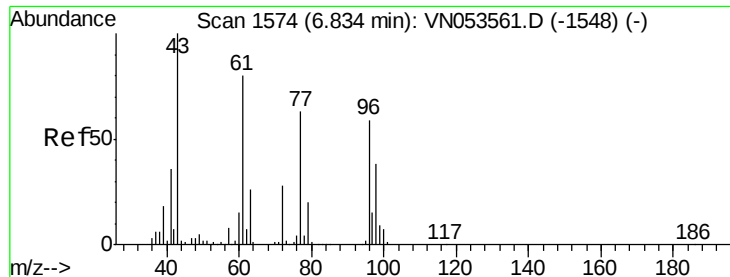
86 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#25

2-Butanone

Concen: 14.751 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

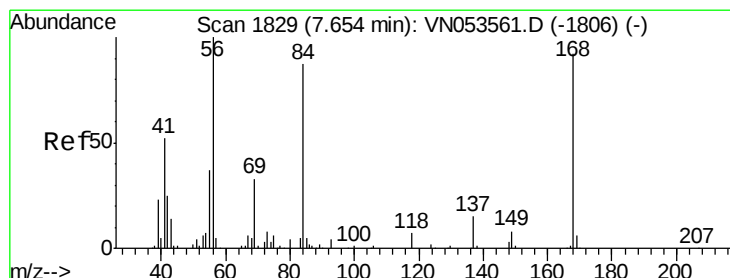
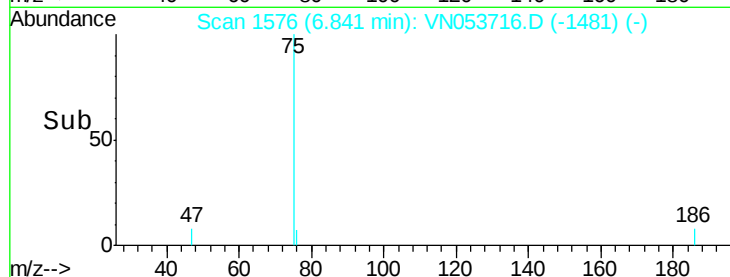
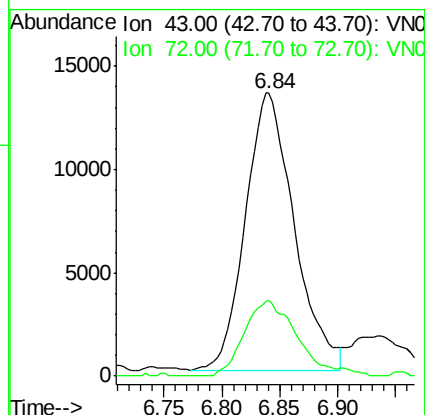
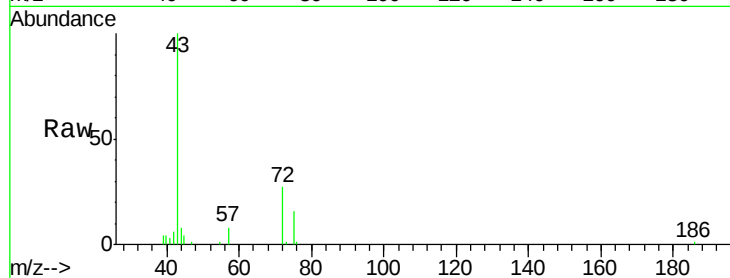
ClientSampleId :
30172

Tot Ion: 43 Resp: 39257

Ion Ratio Lower Upper

43 100

72 27.6 22.0 33.0



#31

Cyclohexane

Concen: 0.672 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

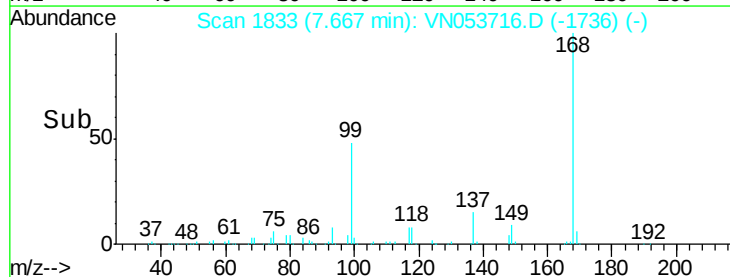
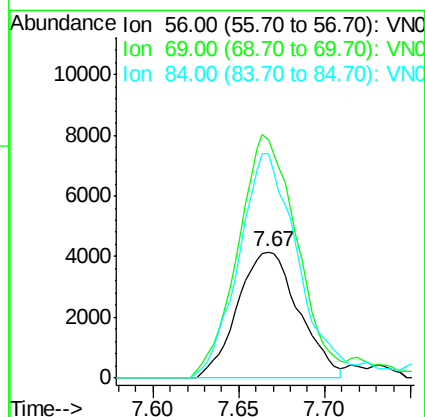
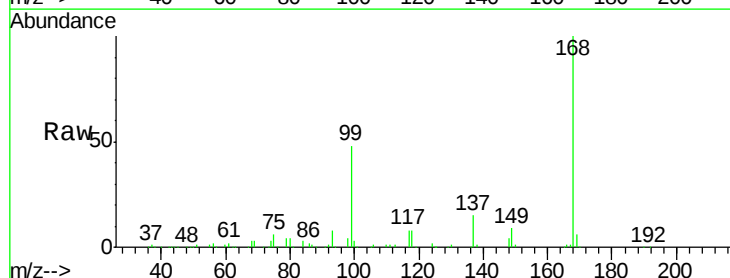
Tgt Ion: 56 Resp: 10329

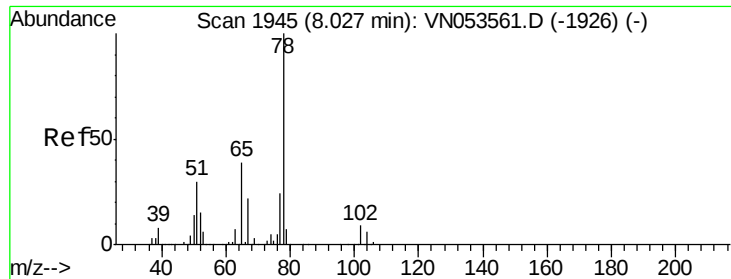
Ion Ratio Lower Upper

56 100

69 189.3 26.4 39.6#

84 177.4 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 51.902 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

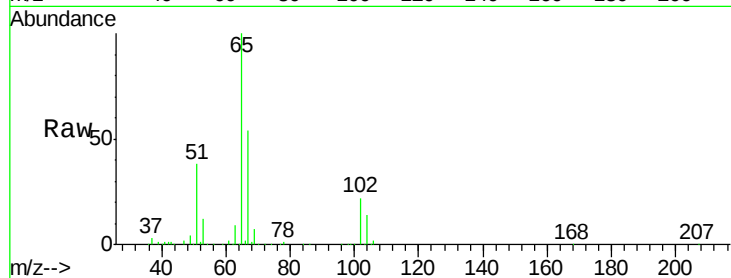
30172

Tot Ion: 65 Resp: 377579

Ion Ratio Lower Upper

65 100

67 54.4 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

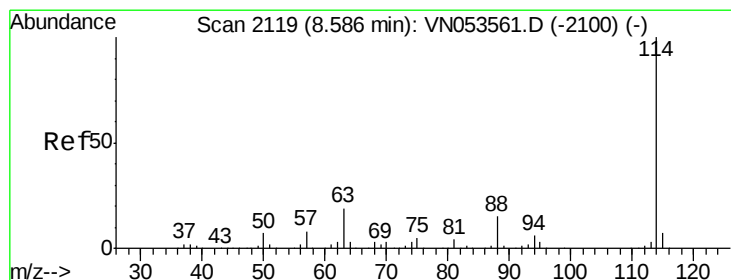
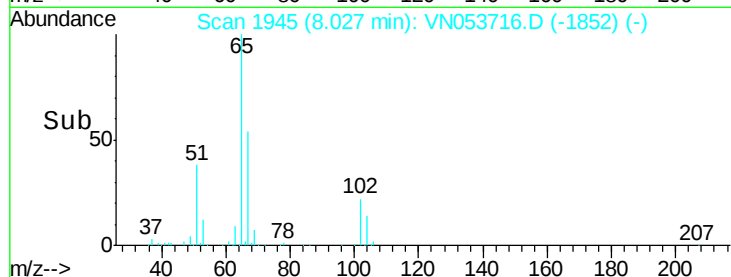
150000

100000

50000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

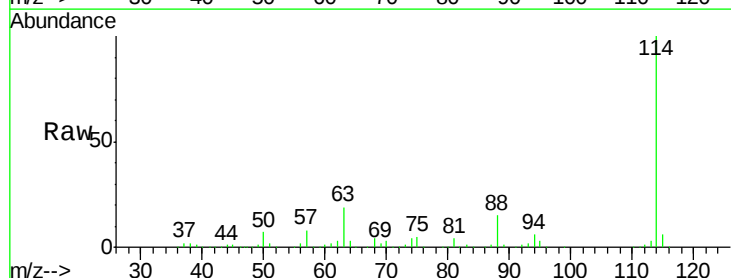
Tgt Ion: 114 Resp: 1181619

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.6

88 14.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

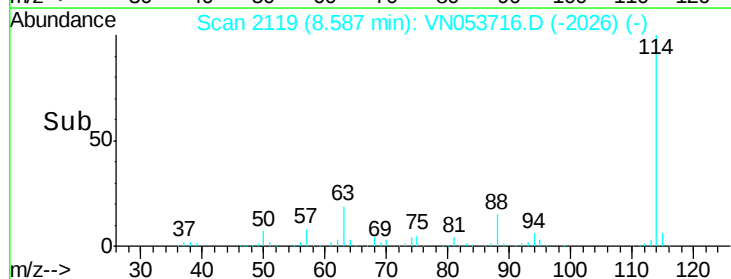
600000

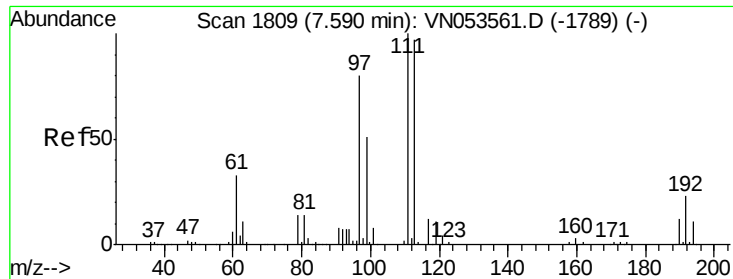
400000

200000

0

Time--> 8.40 8.60 8.80

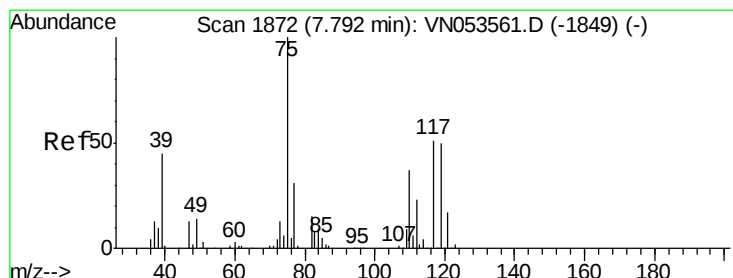
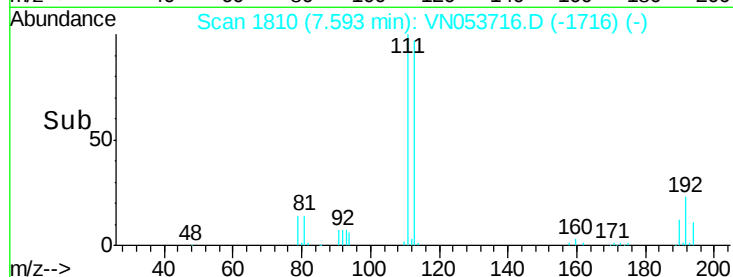
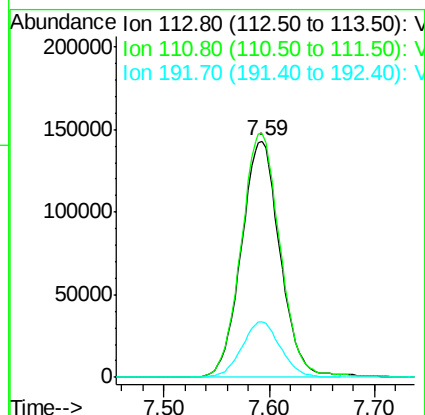
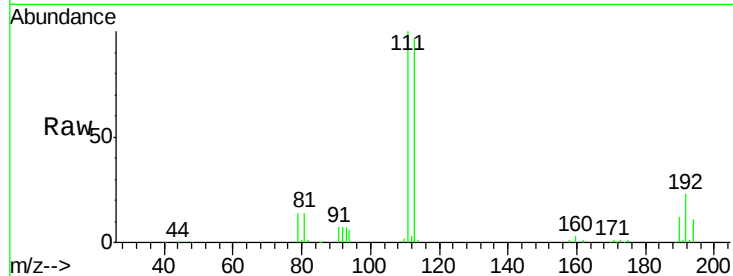




#35
 Dibromofluoromethane
 Concen: 48.739 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

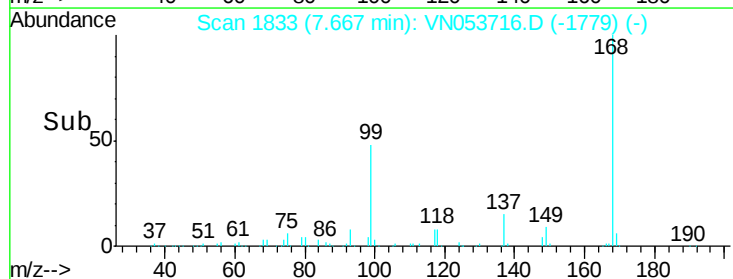
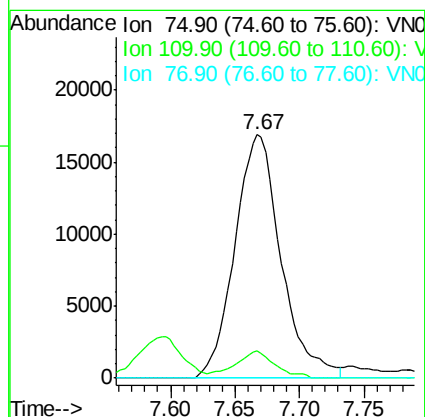
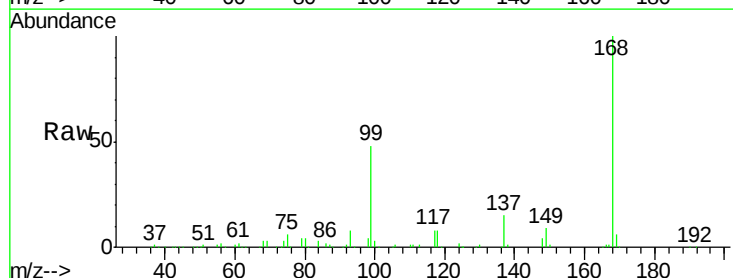
Instrument :
 MSVOA_N
 ClientSampleId :
 30172

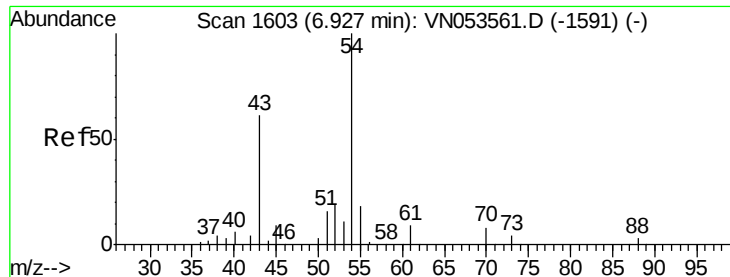
Tot Ion:113 Resp: 363902
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.1 121.7
 192 23.7 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 3.954 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

Tgt Ion: 75 Resp: 42117
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.1 54.3#
 77 0.0 25.1 37.7#

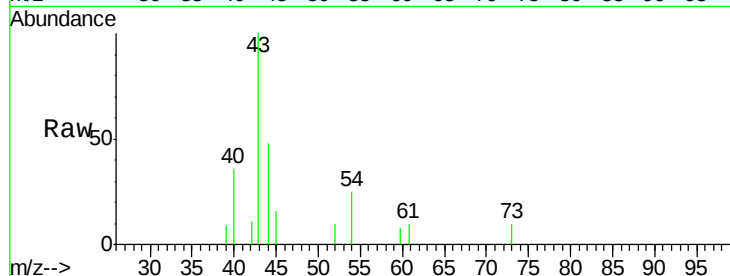




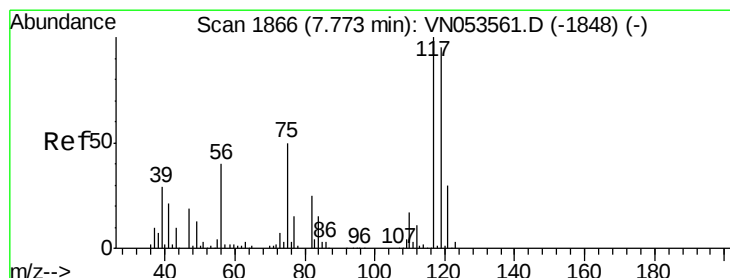
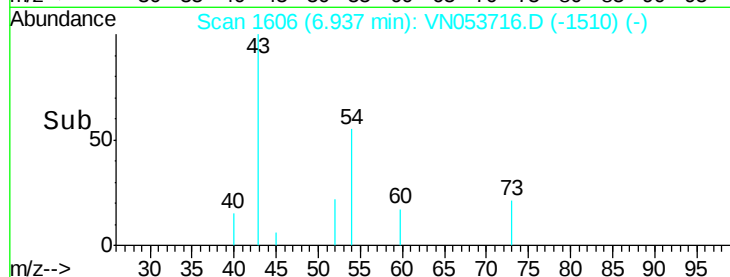
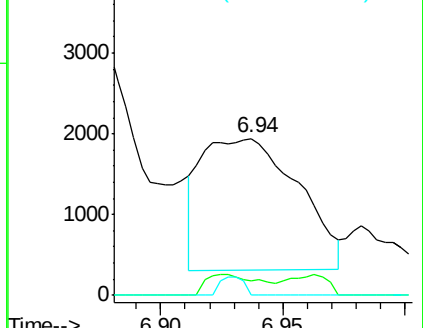
#37
Ethyl Acetate
Concen: 0.752 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN053716.D
Acq: 11 Feb 2019 20:21

Instrument :
MSVOA_N
ClientSampleId :
30172

Tot Ion: 43 Resp: 4475
Ion Ratio Lower Upper
43 100
61 8.9 11.8 17.6#
70 3.5 8.6 12.8#

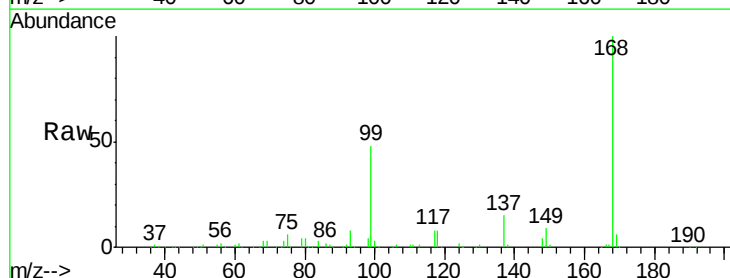


Abundance Ion 43.00 (42.70 to 43.70): VN053716.D (-1510) (-)
Ion 60.90 (60.60 to 61.60): VN053716.D (-1510) (-)
Ion 70.00 (69.70 to 70.70): VN053716.D (-1510) (-)

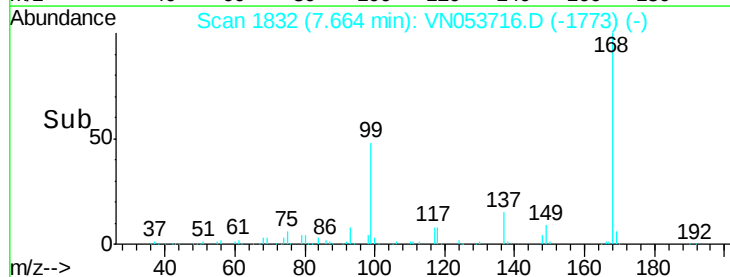
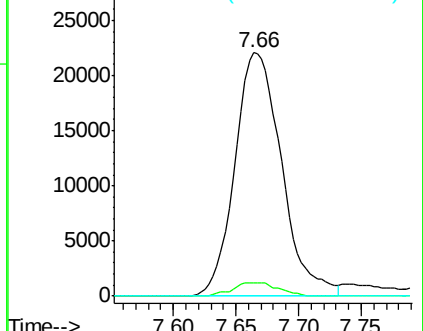


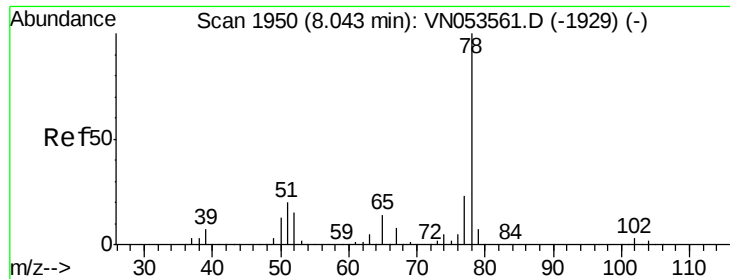
#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053716.D
Acq: 11 Feb 2019 20:21

Tgt Ion: 117 Resp: 57275
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): VN053716.D (-1773) (-)
Ion 118.80 (118.50 to 119.50): VN053716.D (-1773) (-)
Ion 120.80 (120.50 to 121.50): VN053716.D (-1773) (-)





#40

Benzene

Concen: 0.256 ug/l

RT: 8.05 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

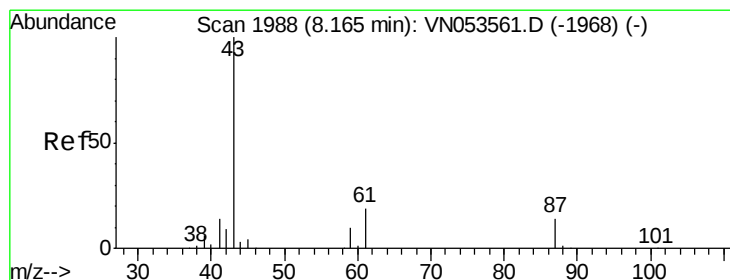
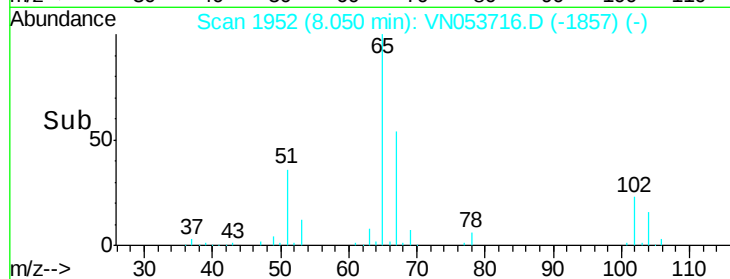
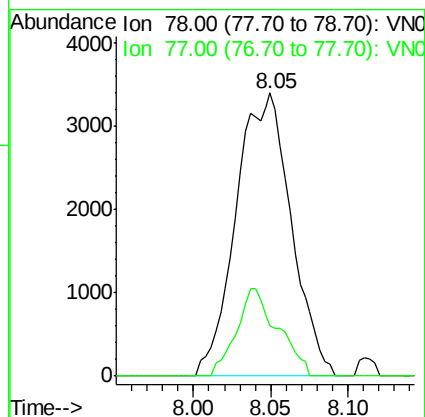
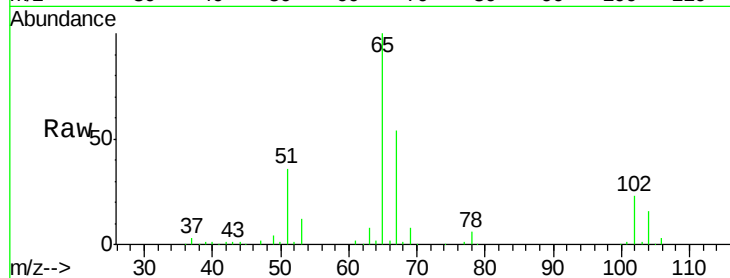
30172

Tot Ion: 78 Resp: 8403

Ion Ratio Lower Upper

78 100

77 17.8 18.8 28.2#



#43

Isopropyl Acetate

Concen: 9.859 ug/l

RT: 8.29 min Scan# 2027

Delta R.T. 0.13 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

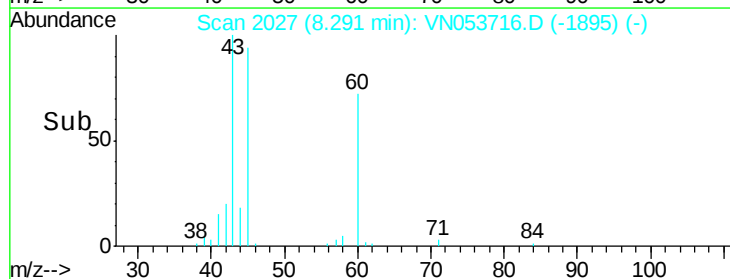
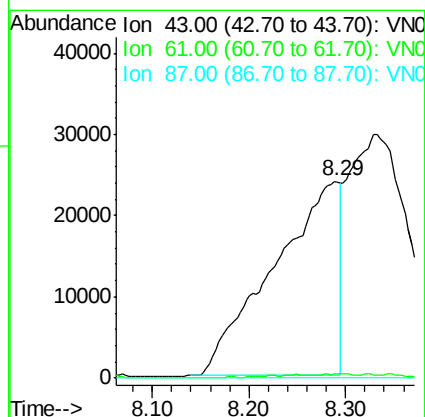
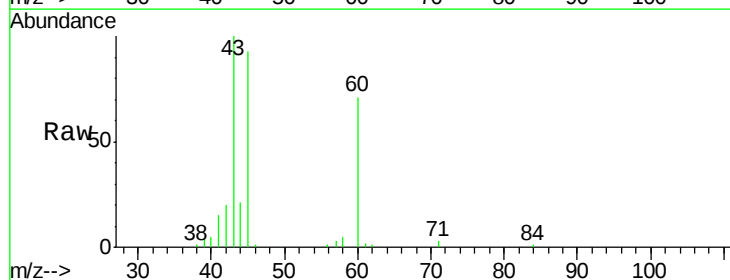
Tgt Ion: 43 Resp: 113267

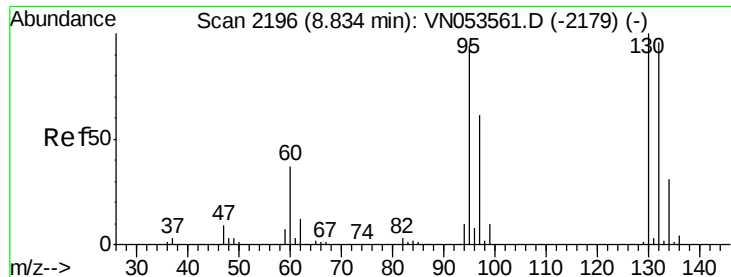
Ion Ratio Lower Upper

43 100

61 0.3 23.9 35.9#

87 0.0 11.0 16.6#

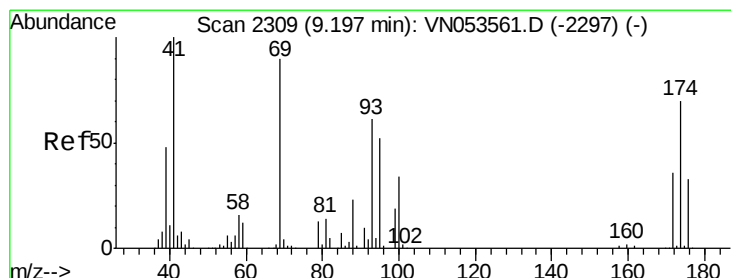
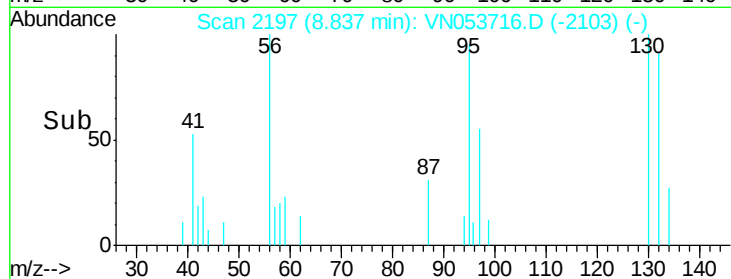
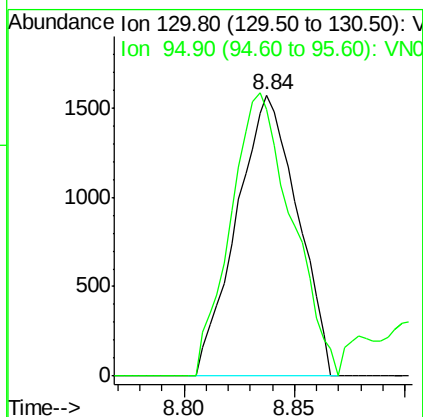
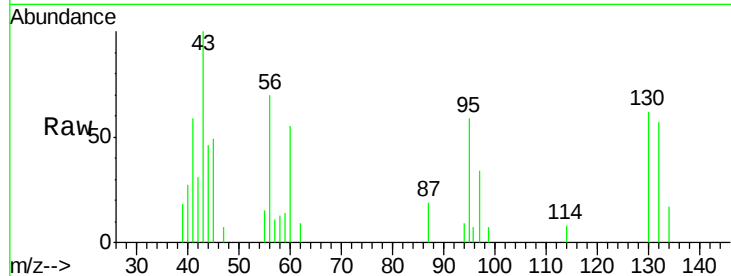




#44
 Trichloroethene
 Concen: 0.322 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

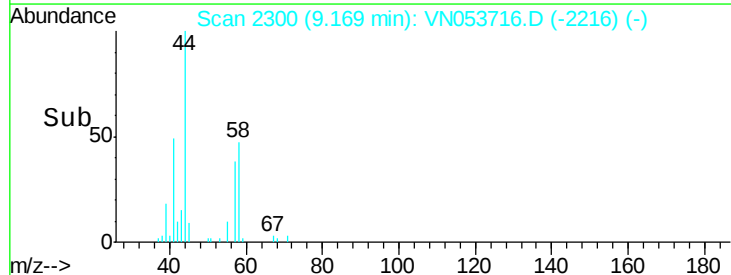
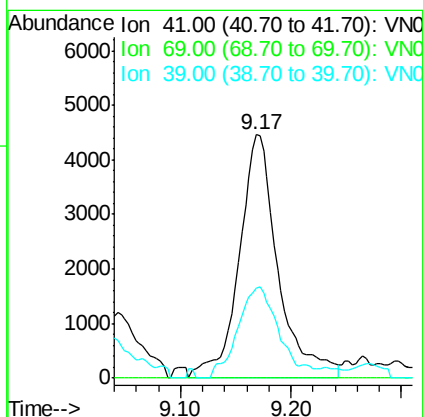
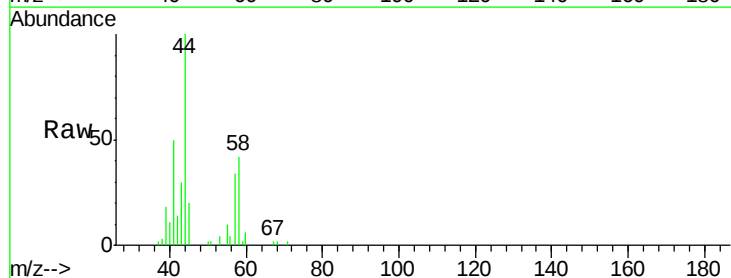
Instrument :
 MSVOA_N
 ClientSampleId :
 30172

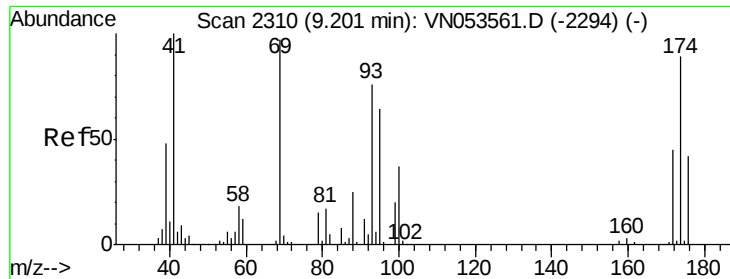
Tot Ion:130 Resp: 3008
 Ion Ratio Lower Upper
 130 100
 95 94.7 0.0 191.4



#48
 Methyl methacrylate
 Concen: 1.991 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

Tgt Ion: 41 Resp: 10921
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.8 110.6#
 39 38.0 40.0 60.0#

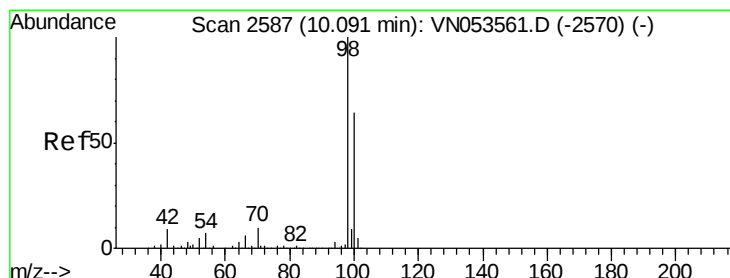
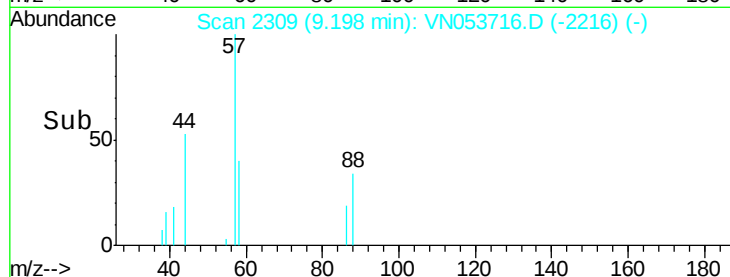
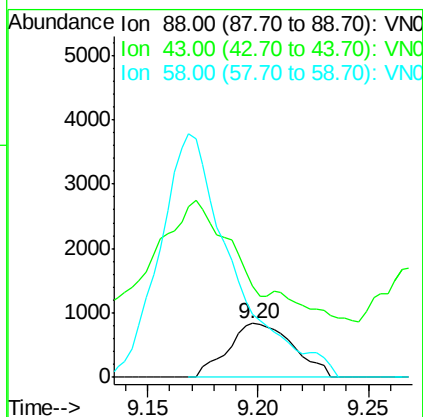
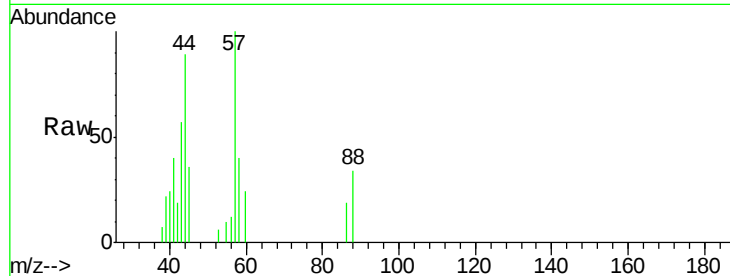




#49
 1,4-Dioxane
 Concen: 59.800 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

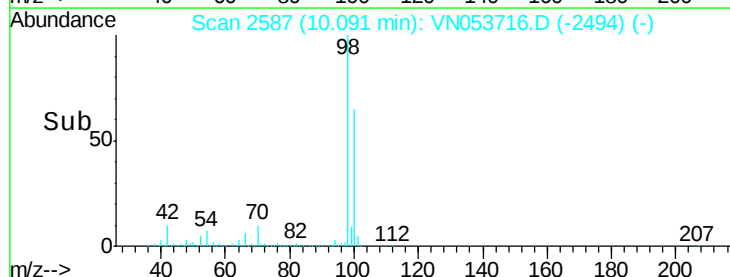
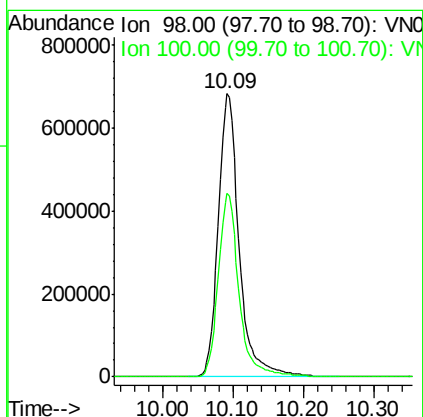
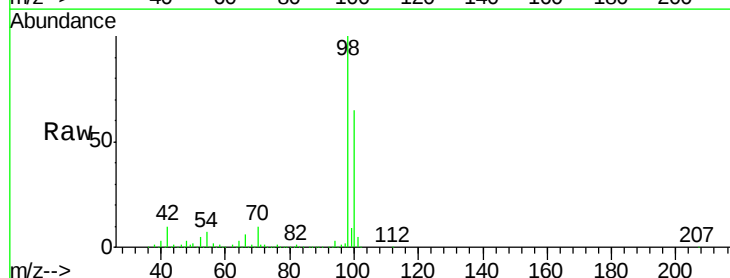
Instrument :
 MSVOA_N
 ClientSampleId :
 30172

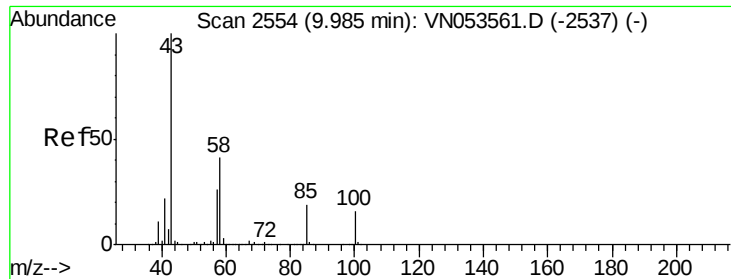
Tot Ion: 88 Resp: 1712
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.8 41.6#
 58 0.0 56.5 84.7#



#50
 Toluene-d8
 Concen: 50.215 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

Tgt Ion: 98 Resp: 1407745
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.4 77.0

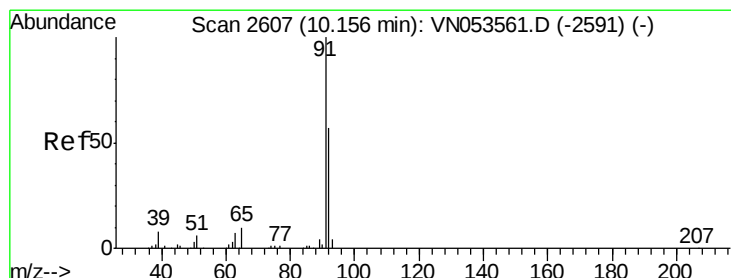
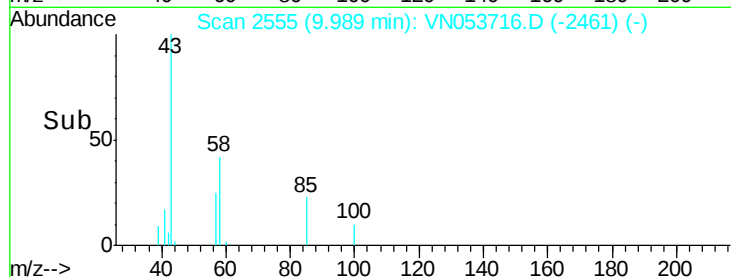
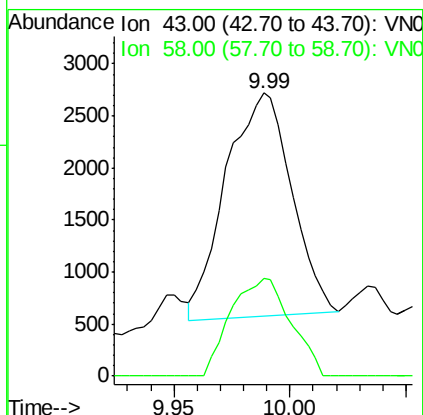
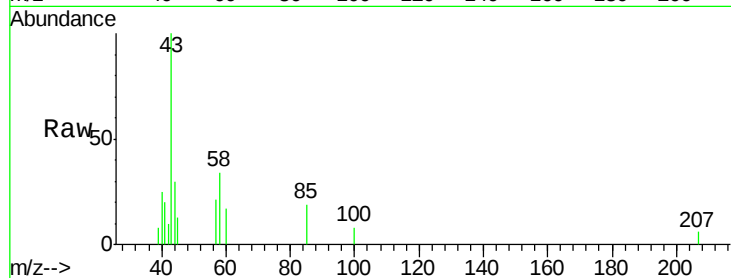




#51
 4-Methyl-2-Pentanone
 Concen: 0.746 ug/l
 RT: 9.99 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

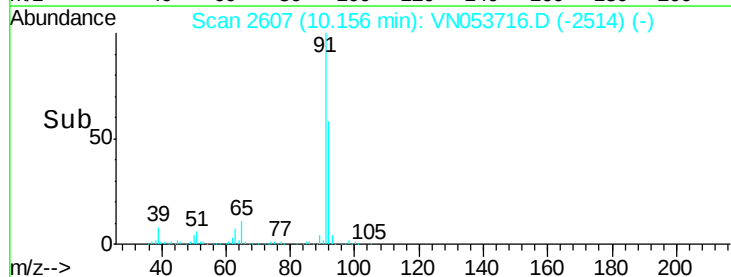
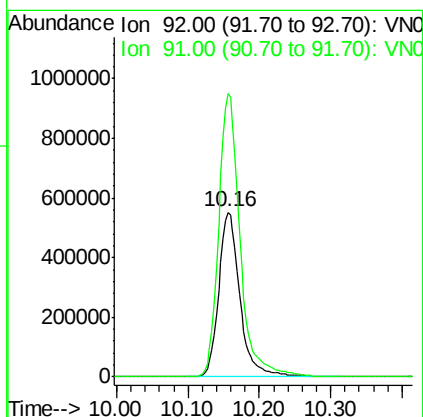
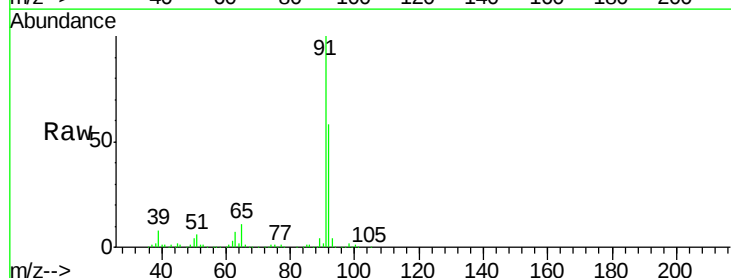
Instrument :
 MSVOA_N
 ClientSampled :
 30172

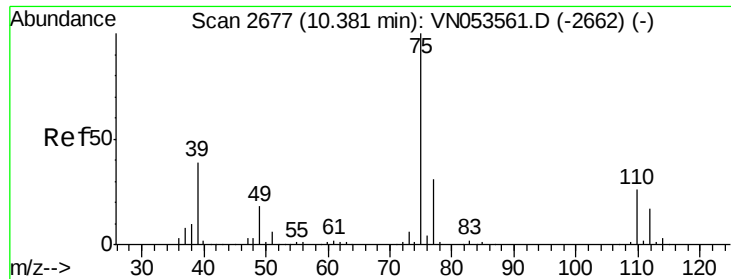
Tot Ion: 43 Resp: 4212
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.8 49.2



#52
 Toluene
 Concen: 58.234 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

Tgt Ion: 92 Resp: 1135236
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 1.114 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

ClientSampled :

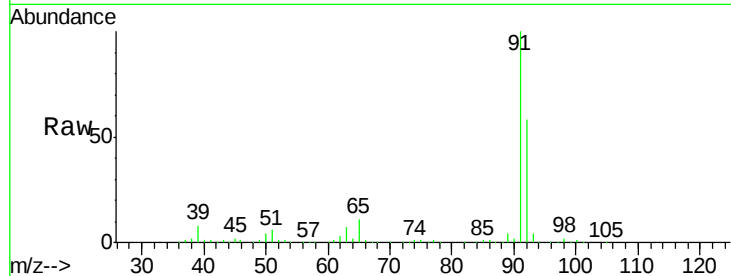
30172

Tot Ion: 75 Resp: 11748

Ion Ratio Lower Upper

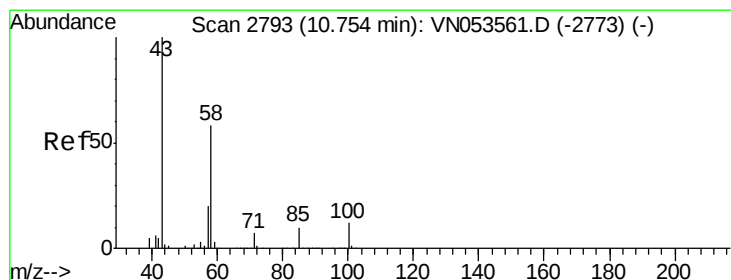
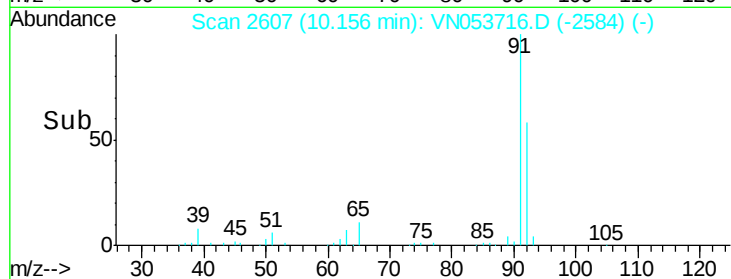
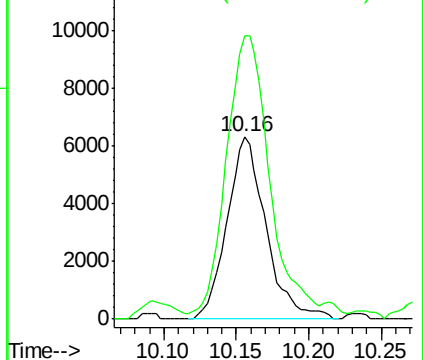
75 100

77 152.3 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#59

2-Hexanone

Concen: 2.244 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN053716.D

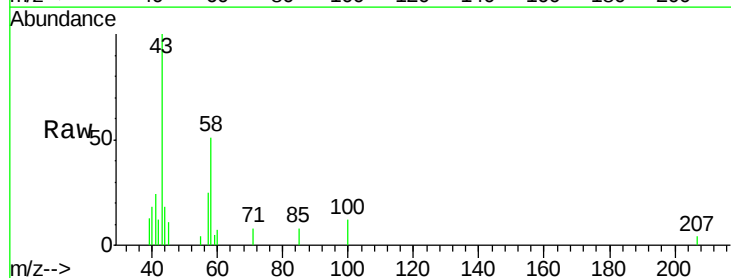
Acq: 11 Feb 2019 20:21

Tgt Ion: 43 Resp: 8601

Ion Ratio Lower Upper

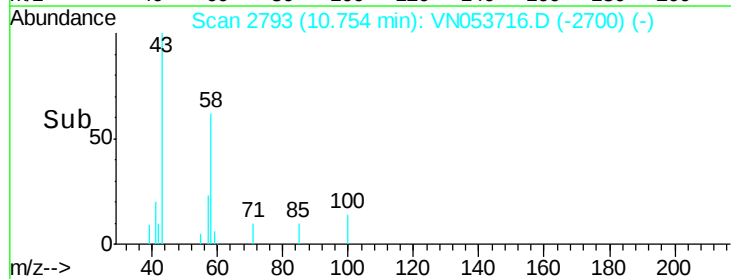
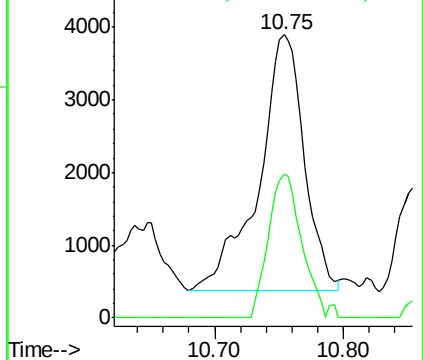
43 100

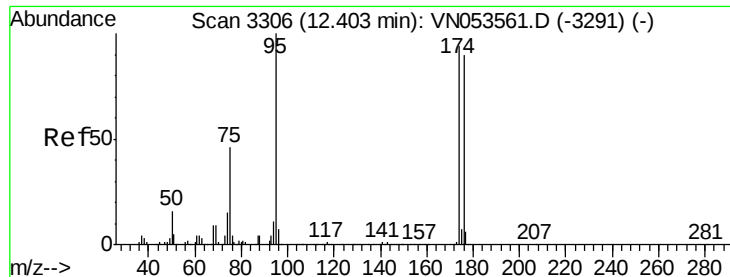
58 41.2 28.6 85.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.804 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

30172

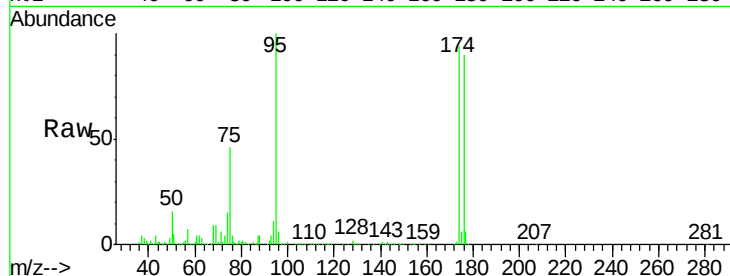
Tot Ion: 95 Resp: 475018

Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.2

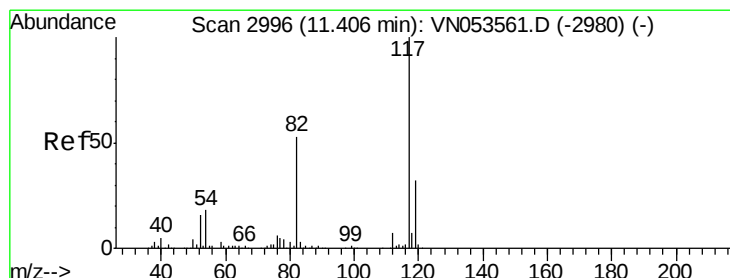
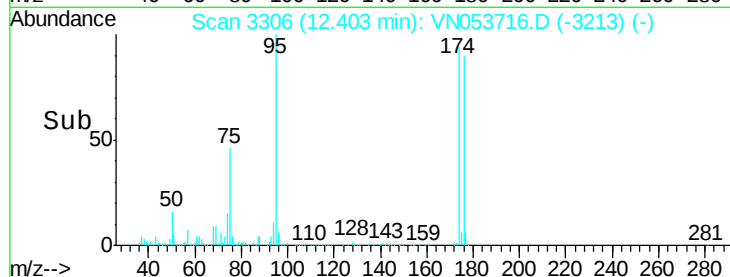
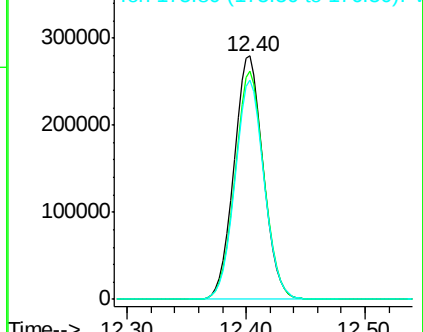
176 89.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053716.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053716.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053716.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

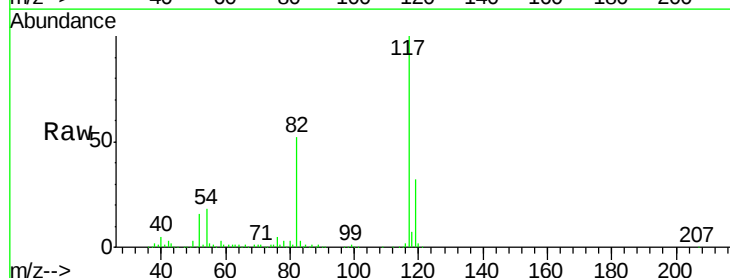
Tgt Ion: 117 Resp: 1060112

Ion Ratio Lower Upper

117 100

82 51.9 42.9 64.3

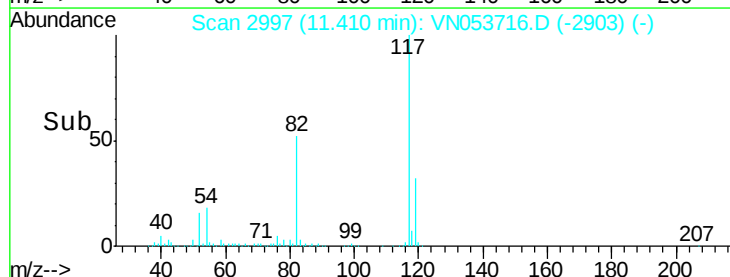
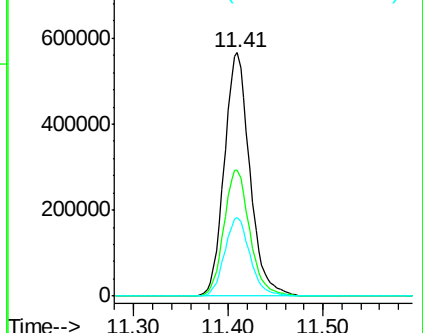
119 32.4 26.0 39.0

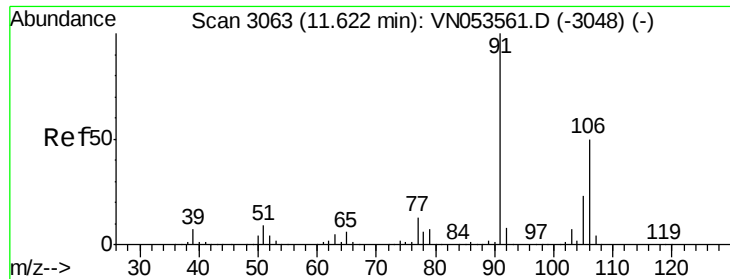


Abundance Ion 116.90 (116.60 to 117.60): VN053716.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053716.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053716.D (-2903) (-)

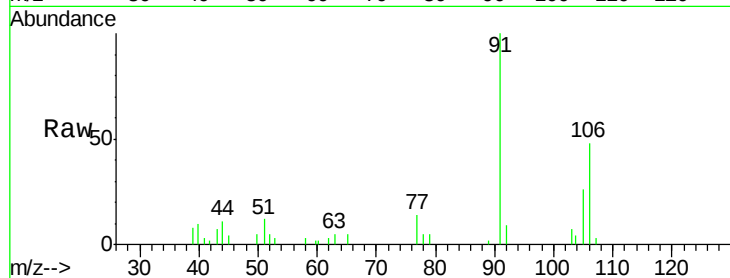




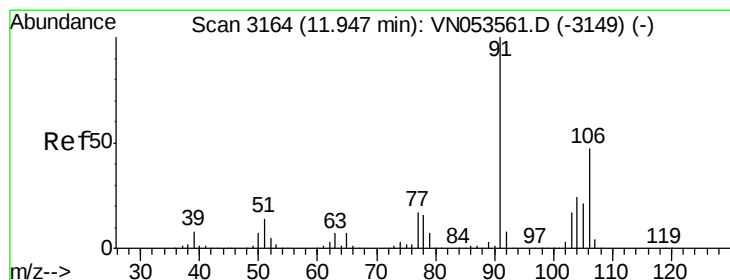
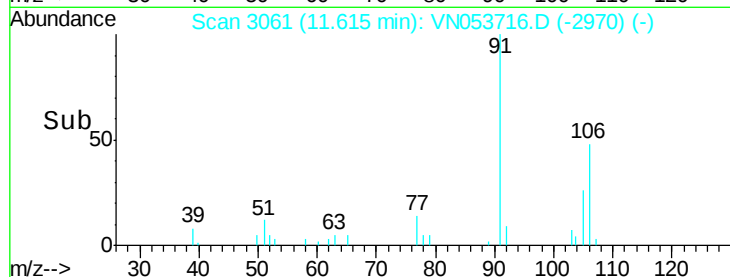
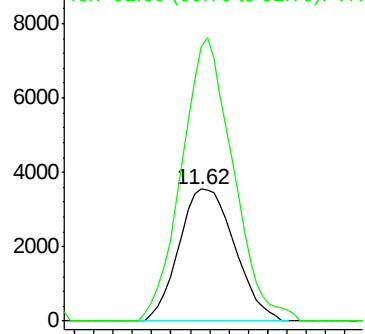
#68
m/p-Xvlenes
Concen: 0.505 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053716.D
Acq: 11 Feb 2019 20:21

Instrument :
MSVOA_N
ClientSampled :
30172

Tot Ion:106 Resp: 7125
Ion Ratio Lower Upper
106 100
91 198.3 161.4 242.2

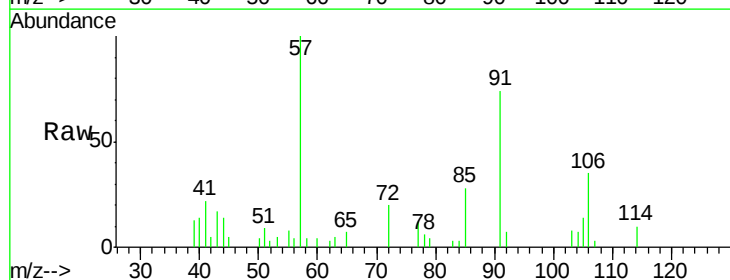


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

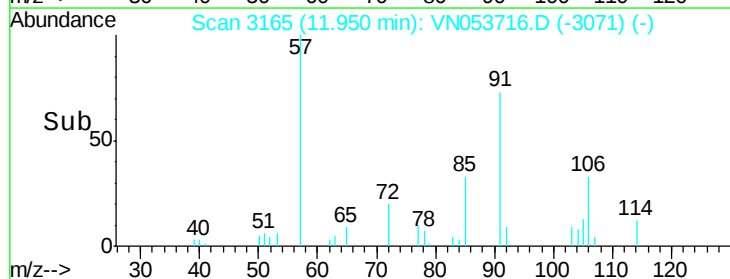
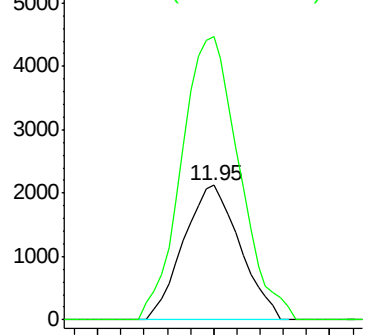


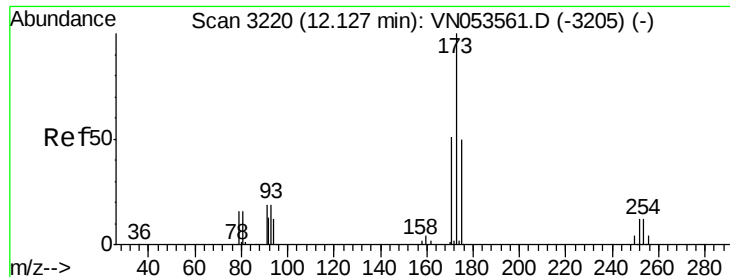
#69
o-Xylene
Concen: 0.263 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053716.D
Acq: 11 Feb 2019 20:21

Tgt Ion:106 Resp: 3583
Ion Ratio Lower Upper
106 100
91 215.4 106.9 320.8



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

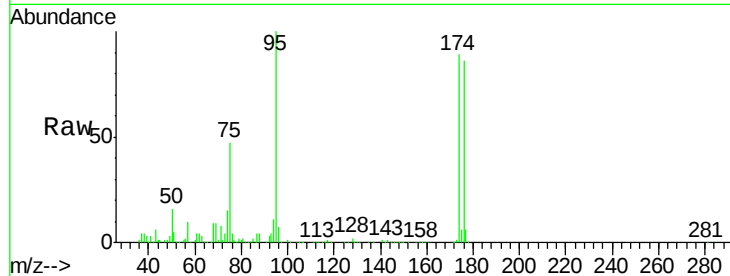




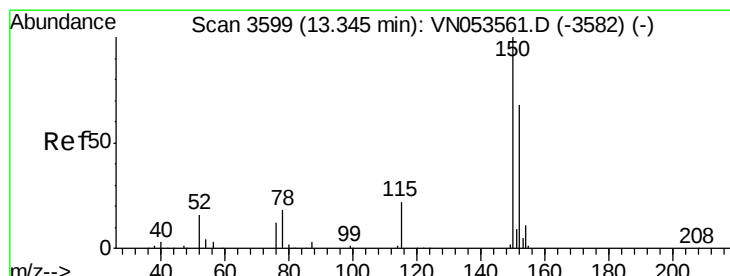
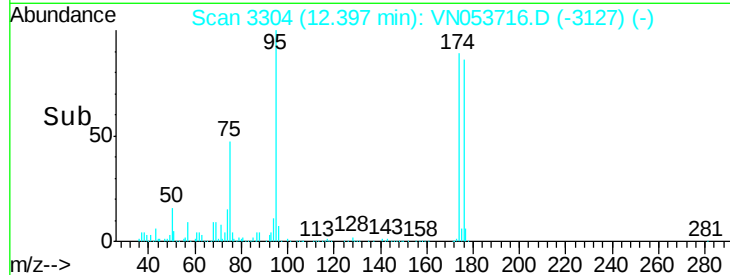
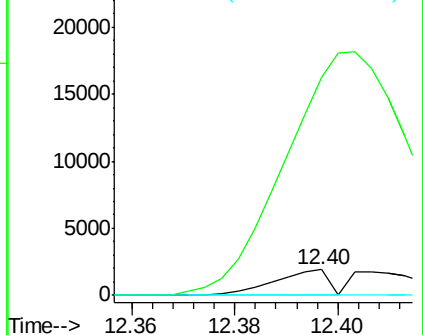
#71
Bromoform
Concen: 0.257 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN053716.D
Acq: 11 Feb 2019 20:21

Instrument :
MSVOA_N
ClientSampled :
30172

Tot Ion:173 Resp: 1384
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.2 0.2#

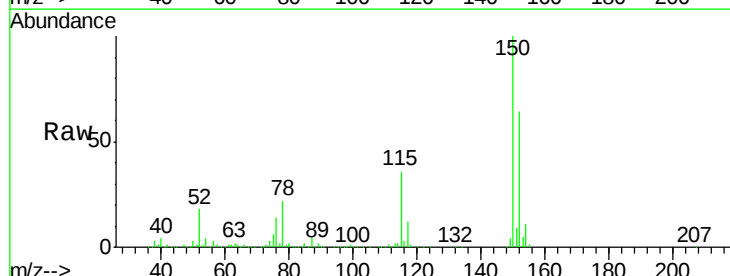


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

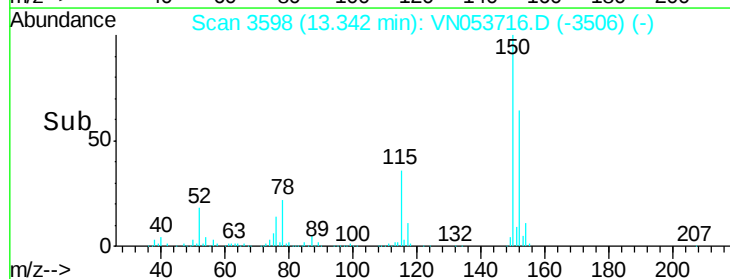
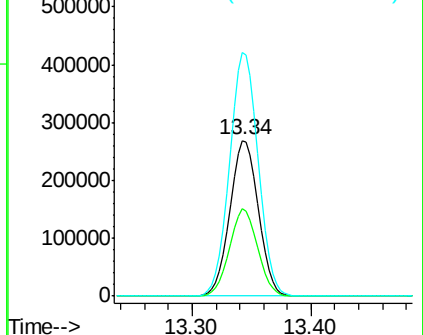


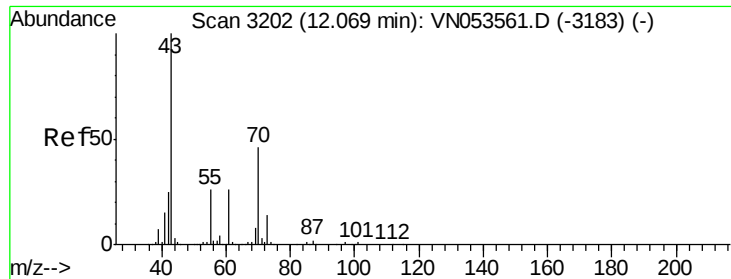
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053716.D
Acq: 11 Feb 2019 20:21

Tgt Ion:152 Resp: 446039
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 156.9 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.038 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

30172

Tot Ion: 43 Resp: 15364

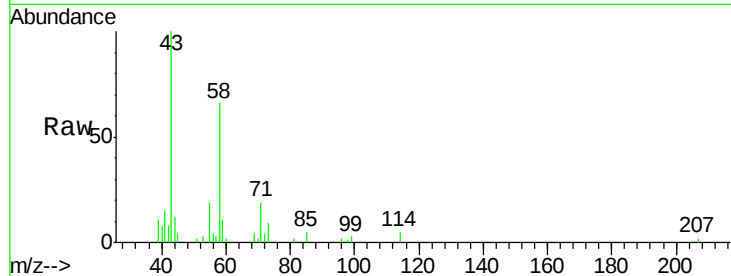
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.2#

55 0.0 20.9 31.3#

61 0.0 20.5 30.7#

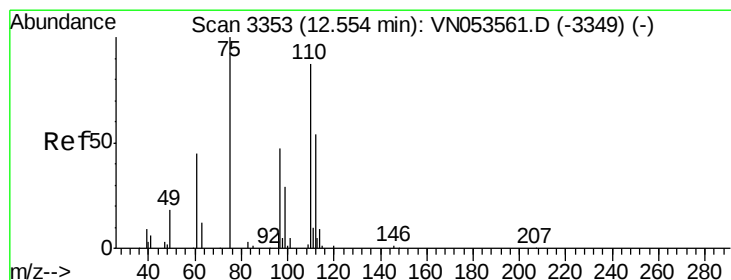
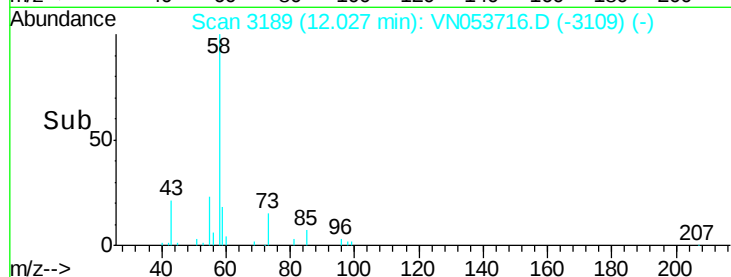
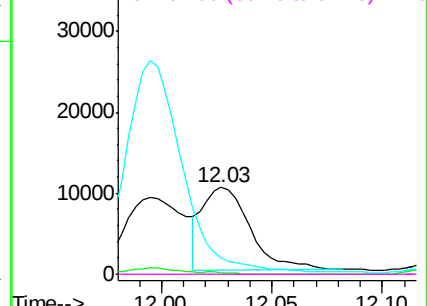


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 38.254 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053716.D

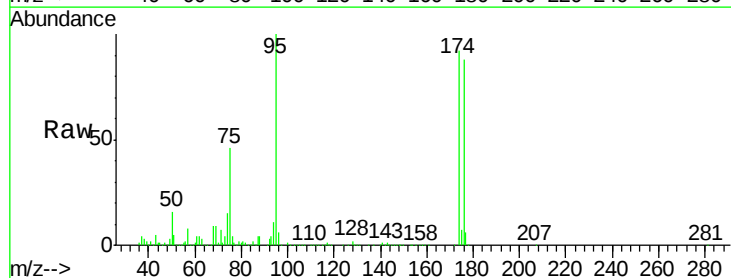
Acq: 11 Feb 2019 20:21

Tgt Ion: 75 Resp: 219159

Ion Ratio Lower Upper

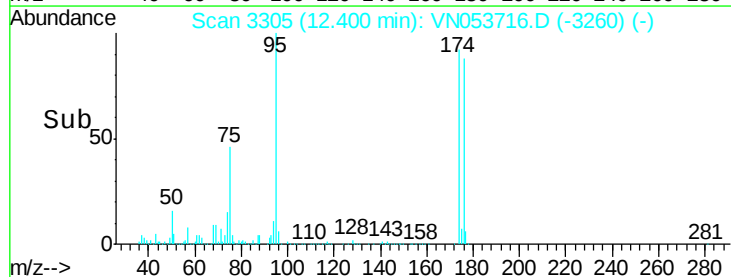
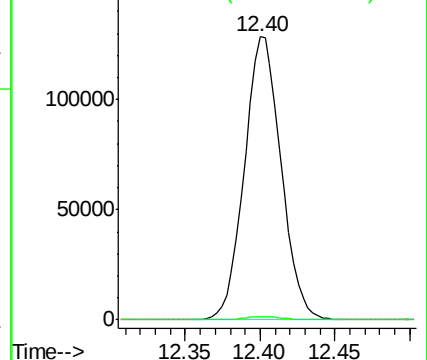
75 100

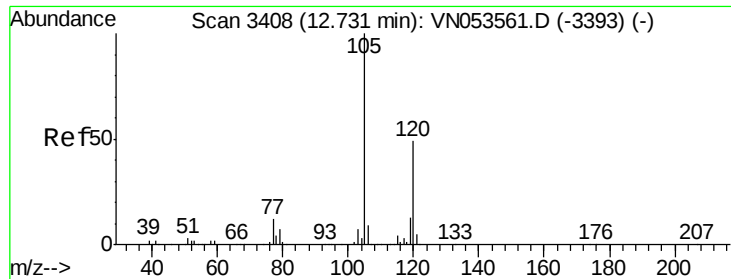
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#80

1,3,5-Trimethylbenzene

Concen: 0.204 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

Instrument :

MSVOA_N

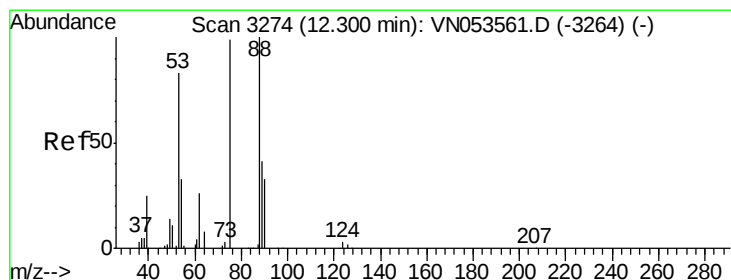
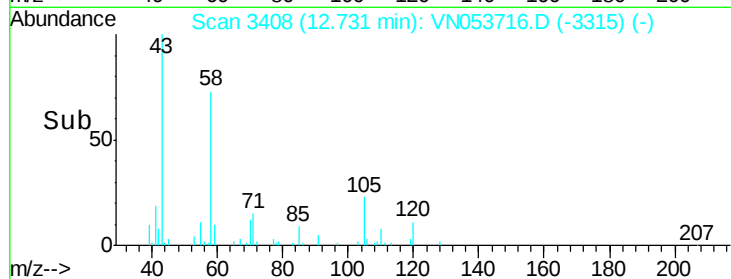
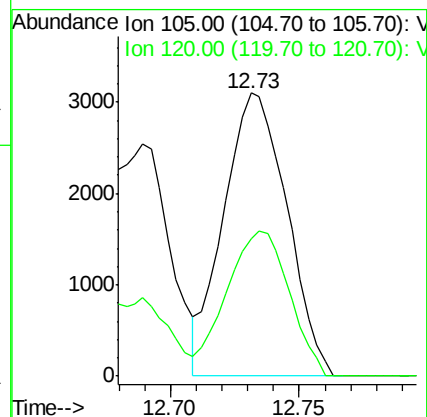
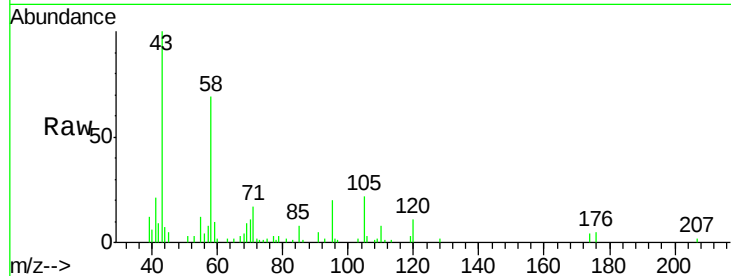
ClientSampled :
30172

Tot Ion:105 Resp: 5296

Ion Ratio Lower Upper

105 100

120 50.8 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 107.566 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053716.D

Acq: 11 Feb 2019 20:21

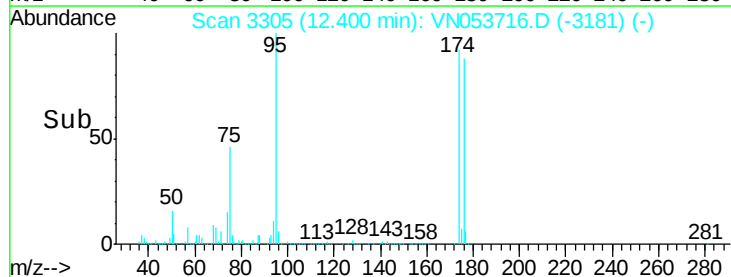
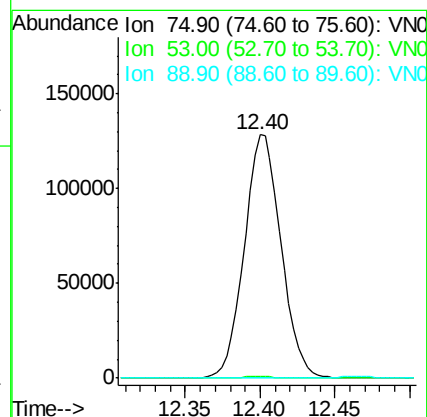
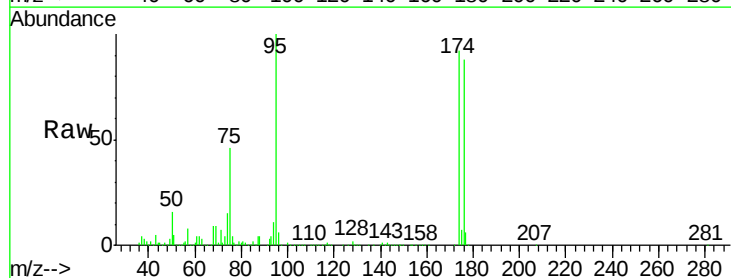
Tgt Ion: 75 Resp: 219159

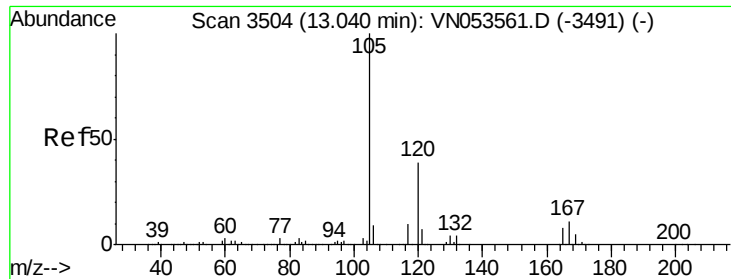
Ion Ratio Lower Upper

75 100

53 0.5 69.8 104.6#

89 0.0 35.6 53.4#

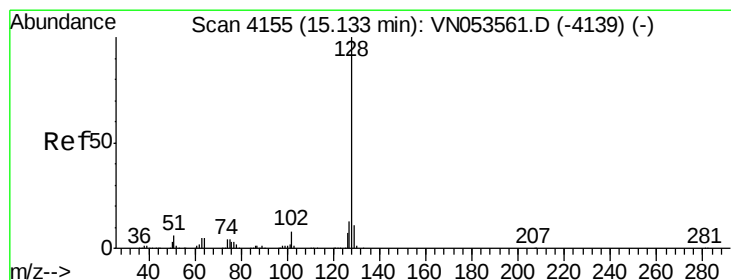
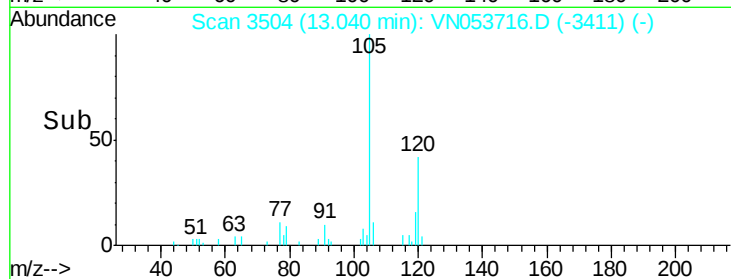
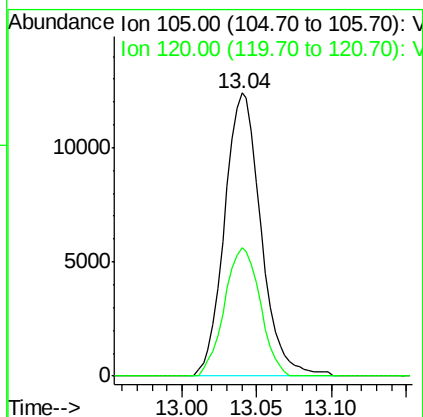
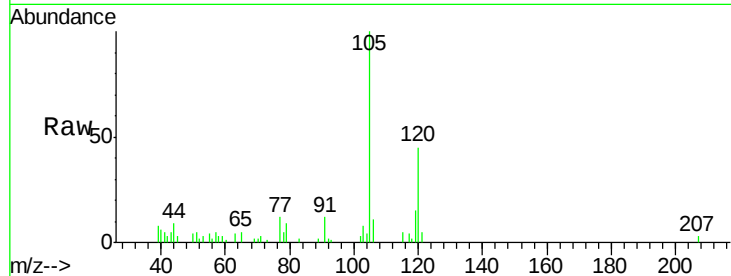




#84
 1,2,4-Trimethylbenzene
 Concen: 0.794 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

Instrument :
 MSVOA_N
 ClientSampled :
 30172

Tot Ion:105 Resp: 21038
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.0 69.0



#95
 Naphthalene
 Concen: 2.610 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053716.D
 Acq: 11 Feb 2019 20:21

Tgt Ion:128 Resp: 17738
 Ion Ratio Lower Upper
 128 100
 127 24.1 10.3 15.5#
 129 12.8 8.6 13.0

