

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053548.D
 Acq On : 28 Jan 2019 16:22
 Operator : JC/SP
 Sample : PB116640ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 29 08:21:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	881031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1407770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1265090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	538248	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	451226	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
35) Dibromofluoromethane	7.59	113	440822	54.87	ug/l	0.00
Spiked Amount			Recovery	=	109.74%	
50) Toluene-d8	10.09	98	1699324	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	561479	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	

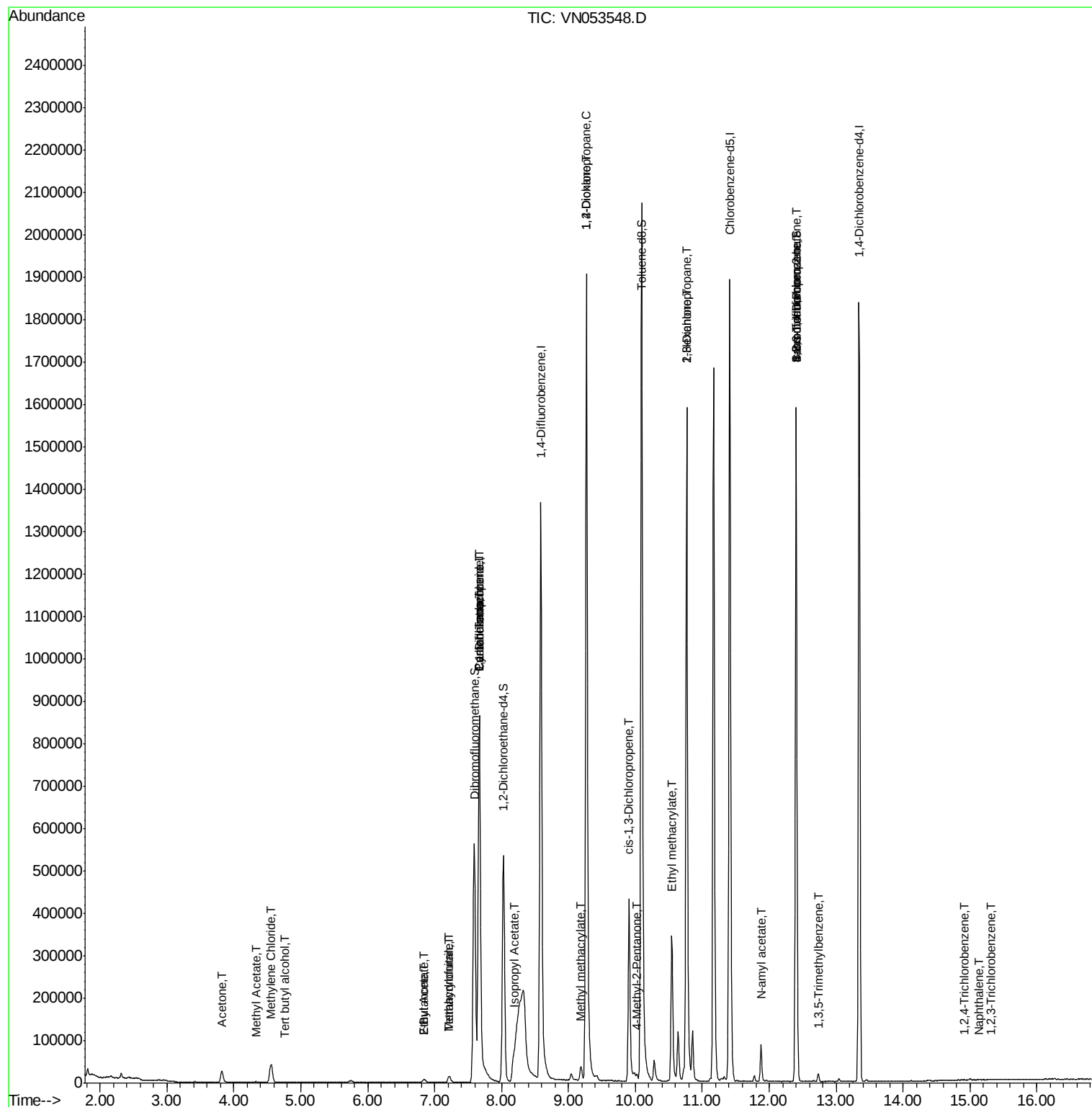
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	212	0.498	ug/l #	72
16) Acetone	3.82	43	48631	23.803	ug/l	99
18) Methyl Acetate	4.33	43	3760	0.546	ug/l #	72
20) Methylene Chloride	4.56	84	33818	3.626	ug/l	97
25) 2-Butanone	6.84	43	12077	3.836	ug/l	95
29) Tetrahydrofuran	7.22	42	13774	6.720	ug/l	98
31) Cyclohexane	7.67	56	12860	0.619	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	54757	4.271	ug/l #	49
37) Ethyl Acetate	6.84	43	11828	1.604	ug/l #	67
38) Carbon Tetrachloride	7.67	117	69019	5.686	ug/l #	17
41) Methacrylonitrile	7.21	41	3516	1.459	ug/l #	32
43) Isopropyl Acetate	8.18	43	49871	3.760	ug/l #	78
45) 1,2-Dichloropropane	9.27	63	2583	0.250	ug/l #	43
48) Methyl methacrylate	9.18	41	11288	1.648	ug/l #	12
49) 1,4-Dioxane	9.27	88	60	0.897	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	10477	1.447	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	94012	6.346	ug/l #	60
56) Ethyl methacrylate	10.54	69	1279	2.161	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	19065	1.322	ug/l #	43
59) 2-Hexanone	10.76	43	249731	49.134	ug/l #	50
71) Bromoform	12.40	173	1471	0.229	ug/l #	1
74) N-amyl acetate	11.88	43	27875	2.653	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	260870	36.778	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9699	0.302	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	260870	90.894	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.92	180	160	2.787	ug/l #	82
95) Naphthalene	15.14	128	691	3.988	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	172	3.933	ug/l #	81

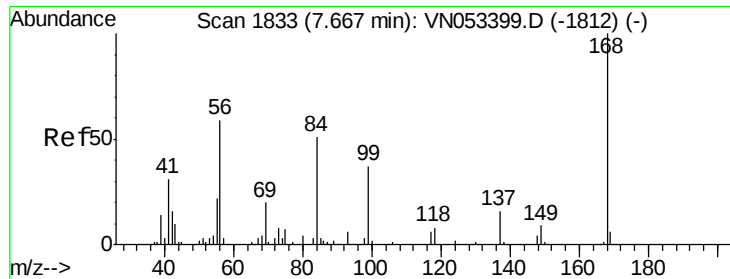
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

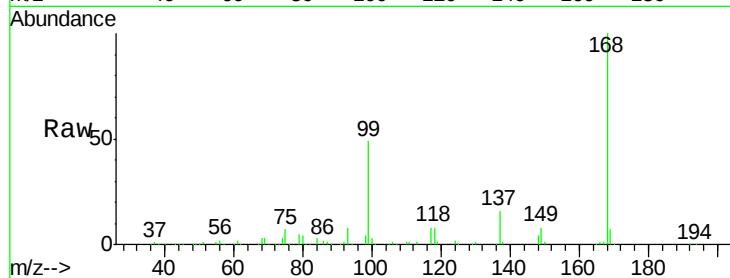
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 881031

Ion Ratio Lower Upper

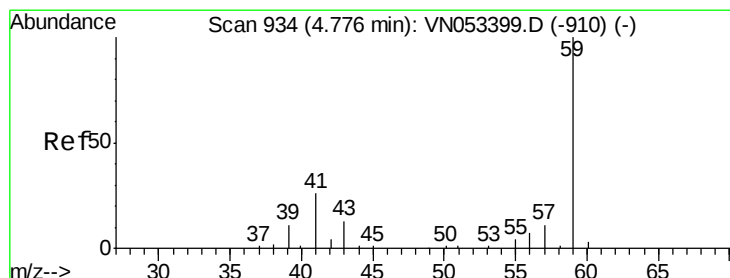
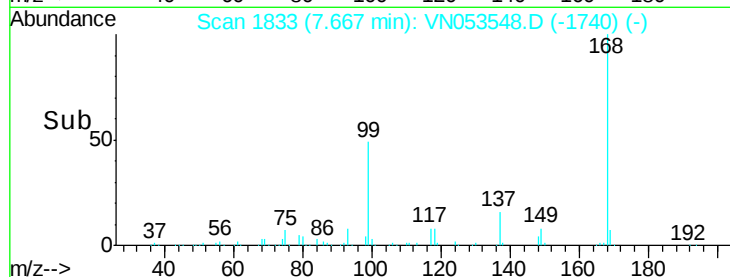
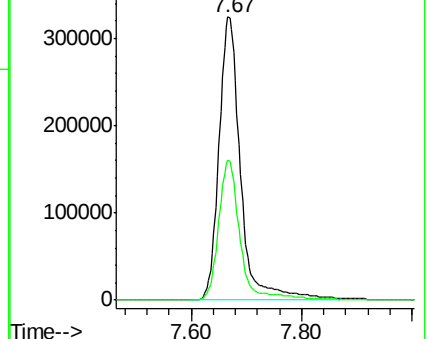
168 100

99 49.3 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: 0.498 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN053548.D

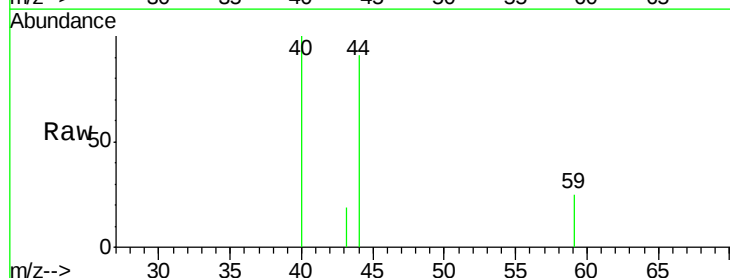
Acq: 28 Jan 2019 16:22

Tgt Ion: 59 Resp: 212

Ion Ratio Lower Upper

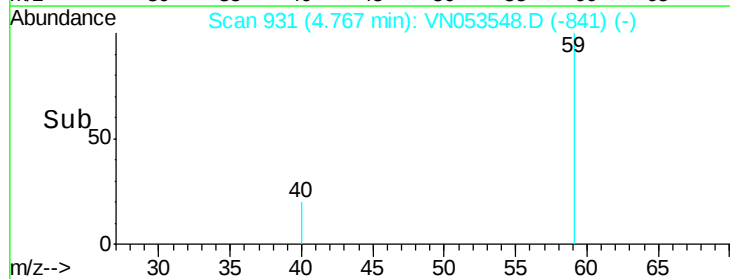
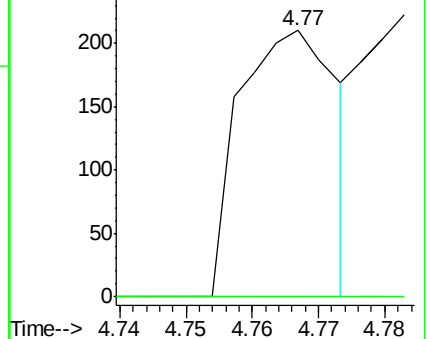
59 100

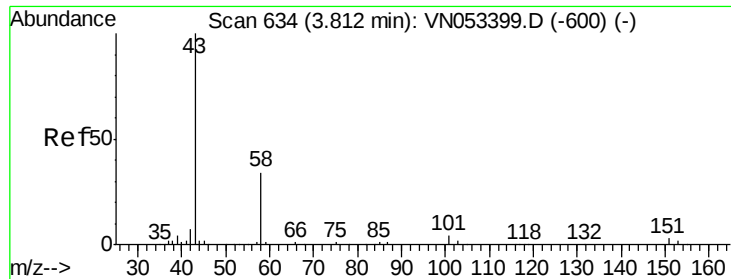
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 23.803 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

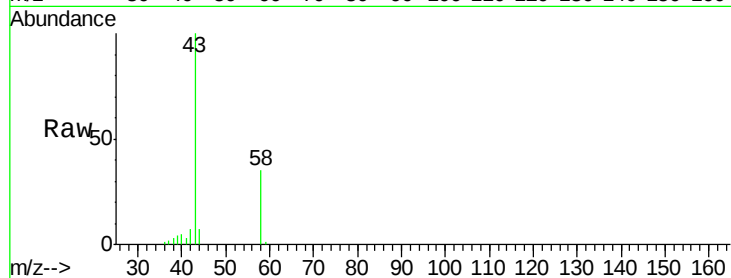
ClientSampleId :

Tot Ion: 43 Resp: 48631

Ion Ratio Lower Upper

43 100

58 34.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

20000

15000

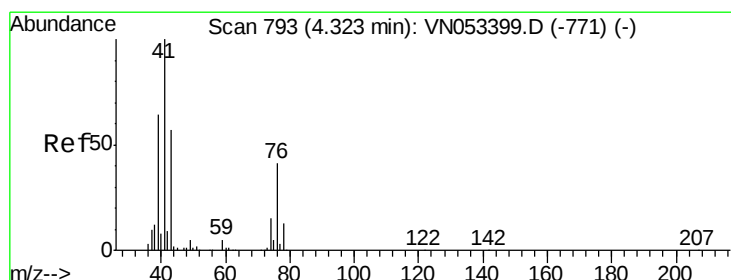
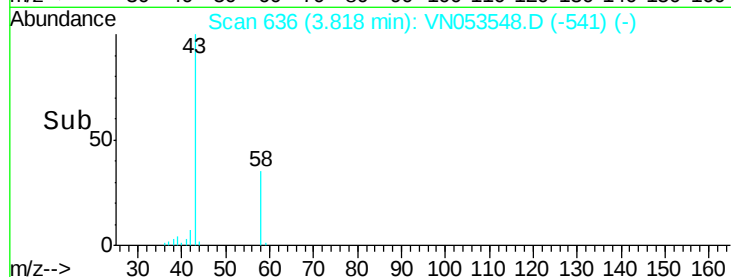
10000

5000

0

Time-->

3.70 3.80 3.90



#18

Methyl Acetate

Concen: 0.546 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053548.D

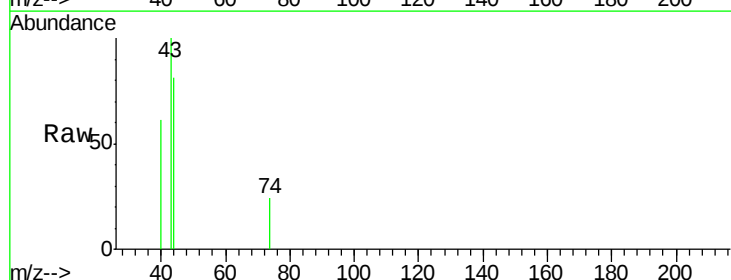
Acq: 28 Jan 2019 16:22

Tgt Ion: 43 Resp: 3760

Ion Ratio Lower Upper

43 100

74 10.3 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

1500

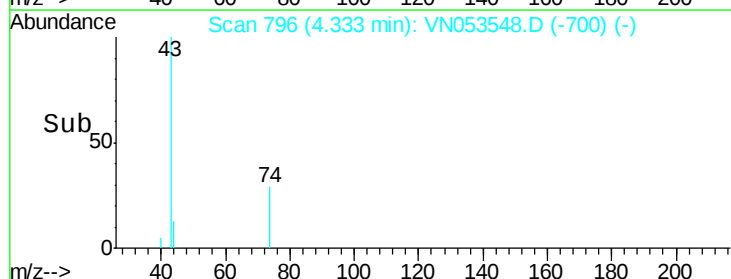
1000

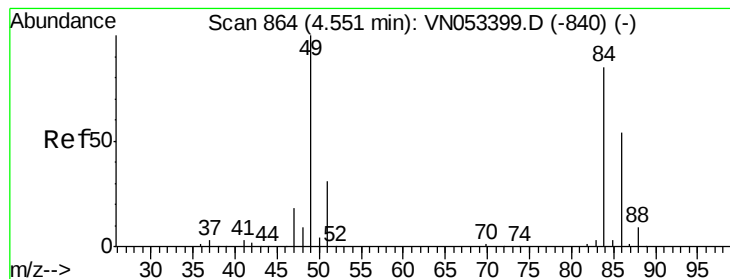
500

0

Time-->

4.25 4.30 4.35





#20

Methylene Chloride

Concen: 3.626 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 33818

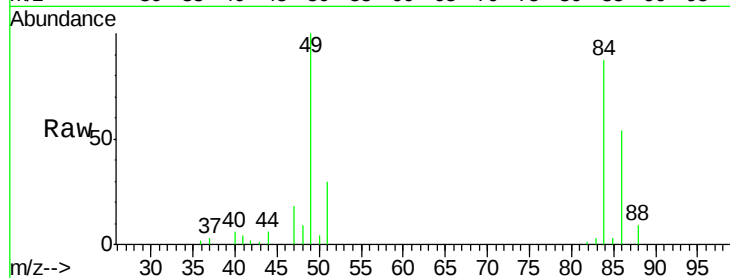
Ion Ratio Lower Upper

84 100

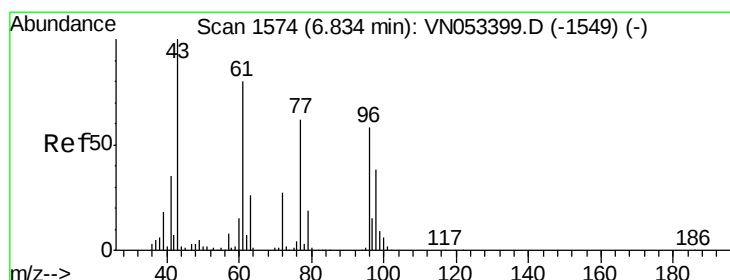
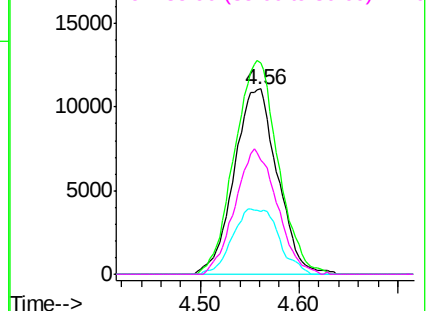
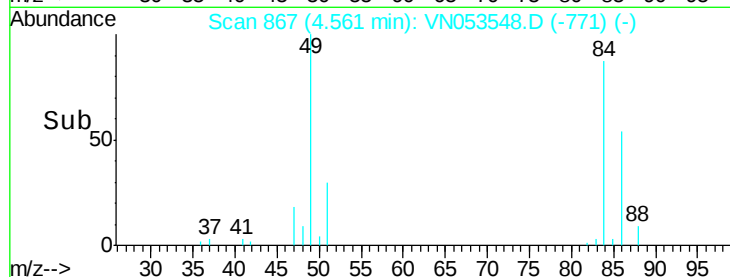
49 114.5 94.3 141.5

51 34.1 29.4 44.2

86 61.8 51.4 77.0



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: 3.836 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053548.D

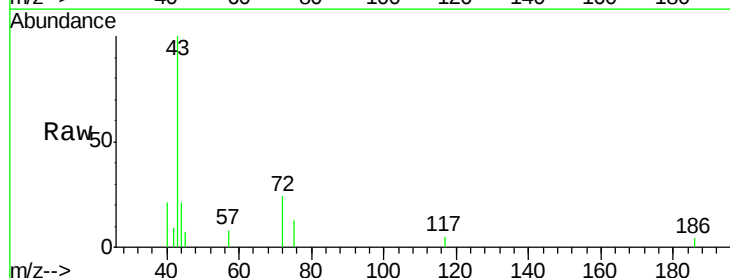
Acq: 28 Jan 2019 16:22

Tgt Ion: 43 Resp: 12077

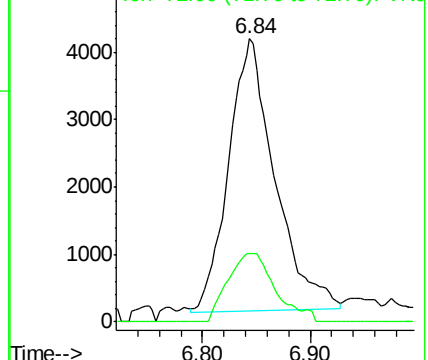
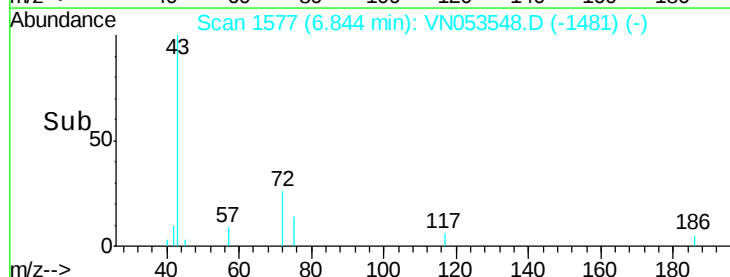
Ion Ratio Lower Upper

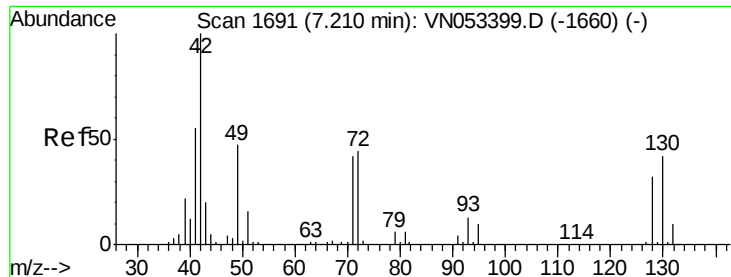
43 100

72 25.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

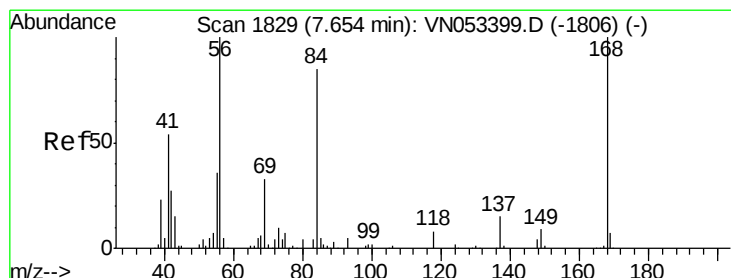
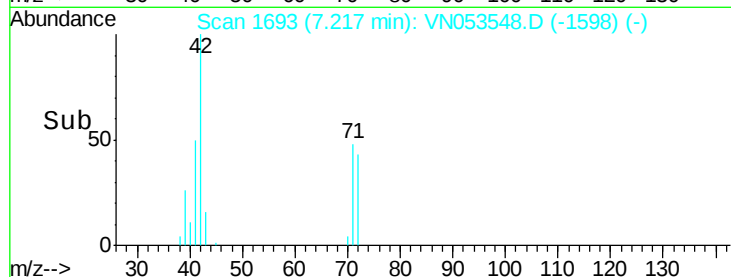
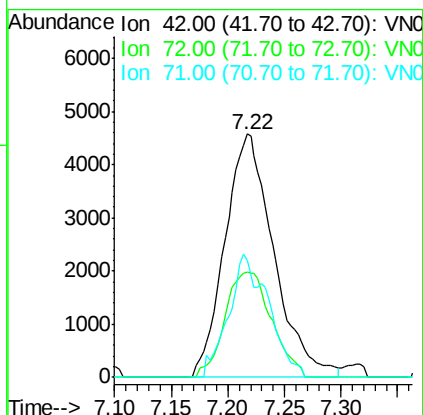
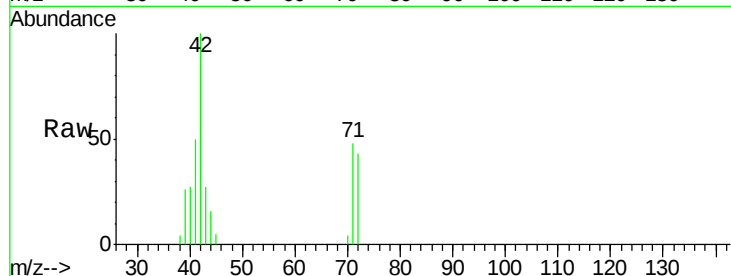




#29
Tetrahydrofuran
Concen: 6.720 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

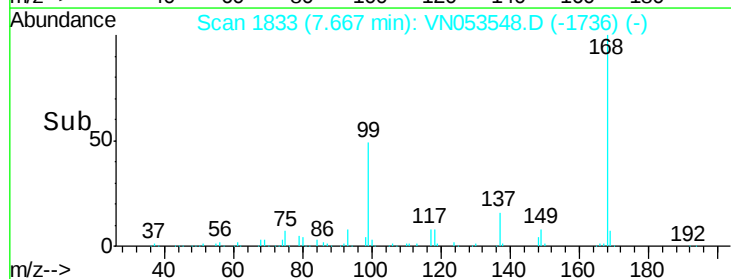
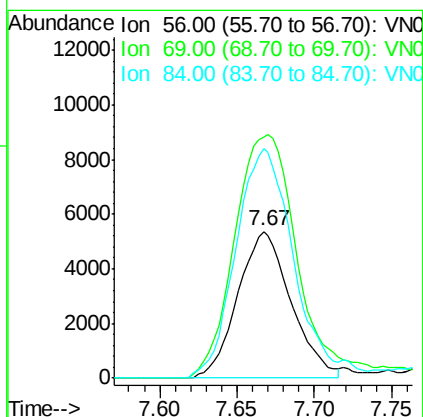
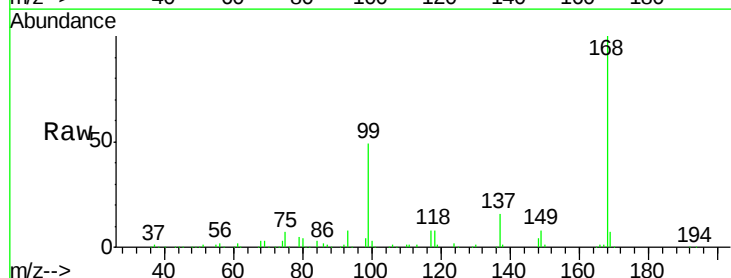
Instrument :
MSVOA_N
ClientSampleId :

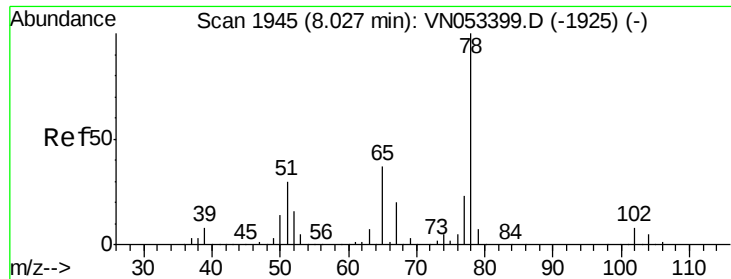
Tot Ion: 42 Resp: 13774
Ion Ratio Lower Upper
42 100
72 41.3 35.2 52.8
71 41.1 33.0 49.4



#31
Cyclohexane
Concen: 0.619 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 56 Resp: 12860
Ion Ratio Lower Upper
56 100
69 164.2 26.4 39.6#
84 156.5 67.9 101.9#

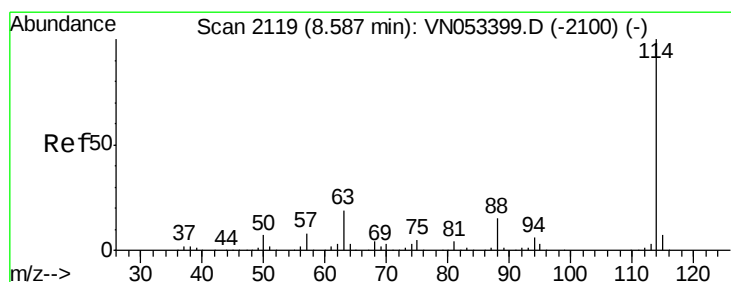
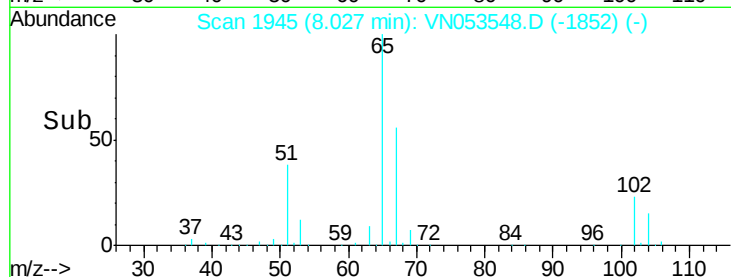
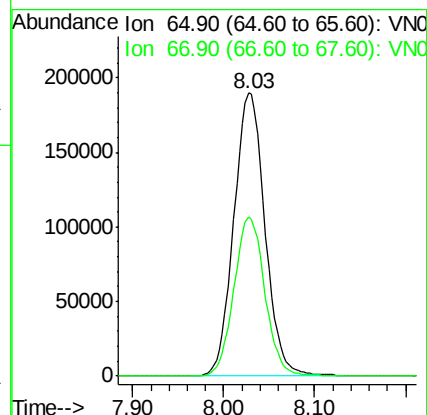
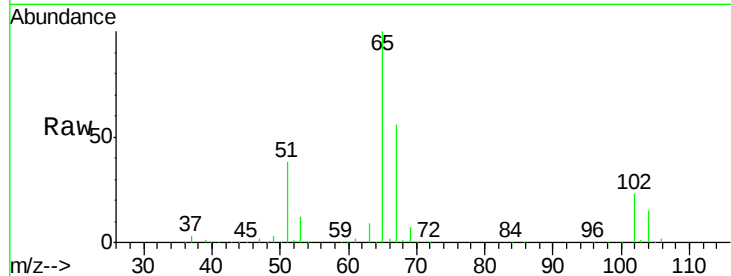




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053548.D
 Acq: 28 Jan 2019 16:22

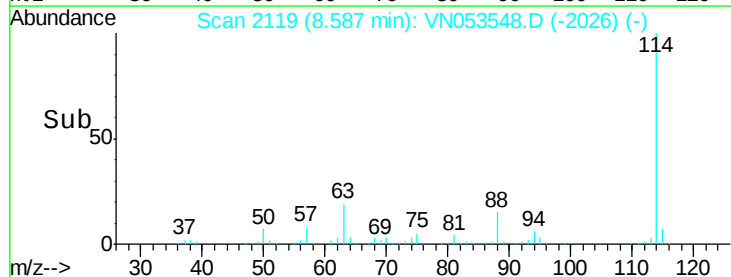
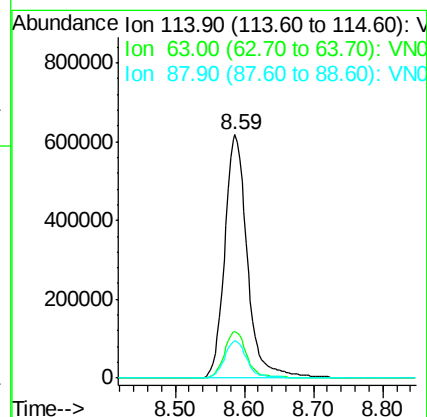
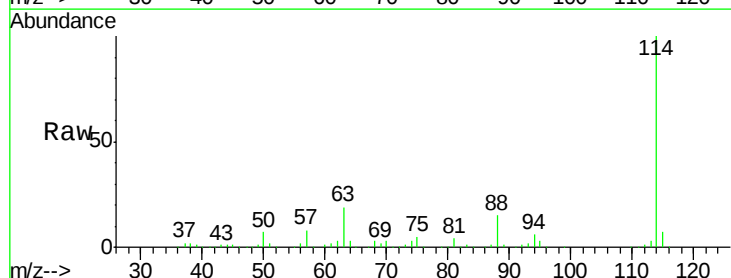
Instrument :
 MSVOA_N
 ClientSampleId :

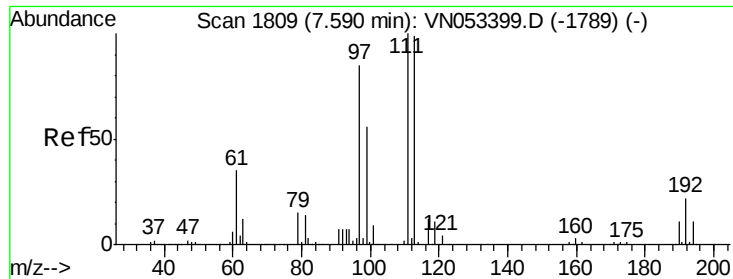
Tot Ion: 65 Resp: 451226
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053548.D
 Acq: 28 Jan 2019 16:22

Tgt Ion: 114 Resp: 1407770
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.3 0.0 30.4

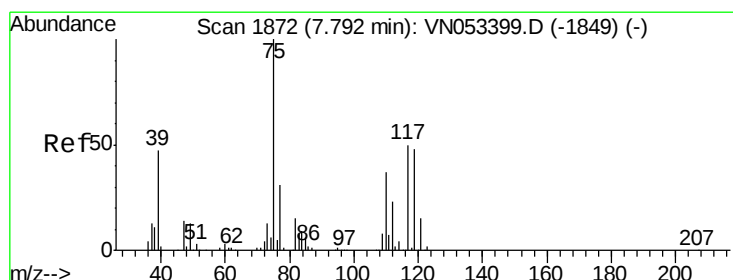
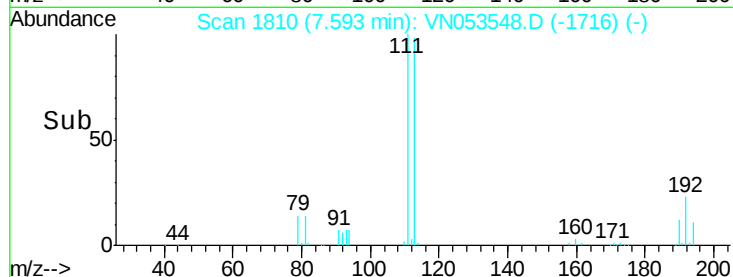
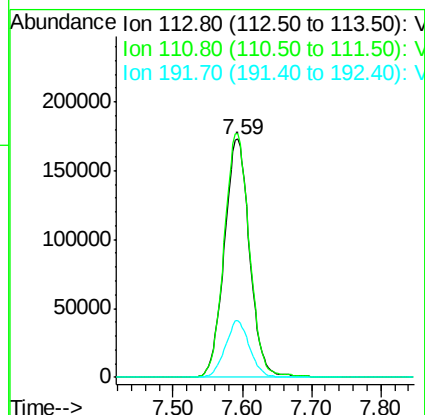
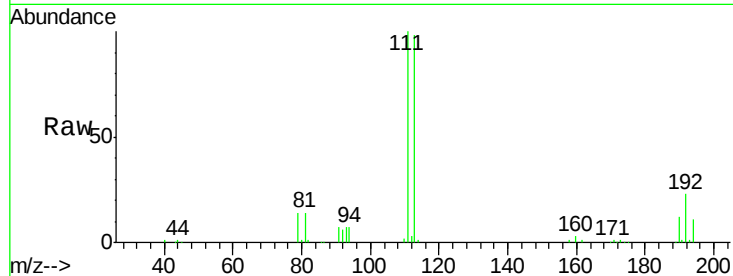




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053548.D
 Acq: 28 Jan 2019 16:22

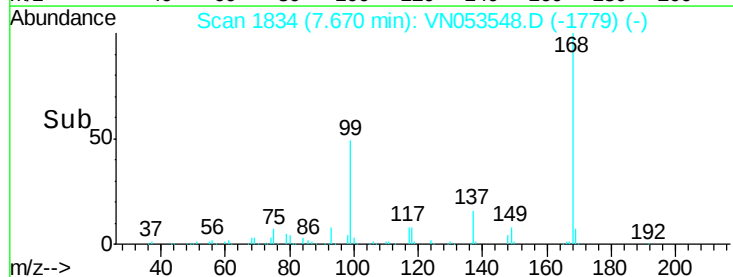
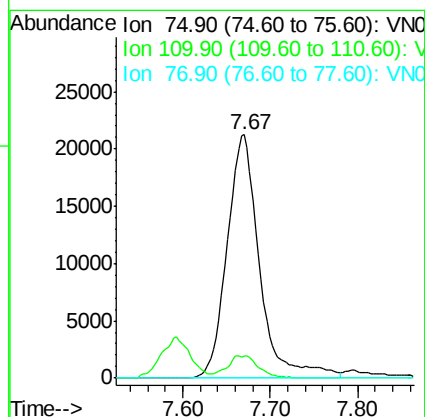
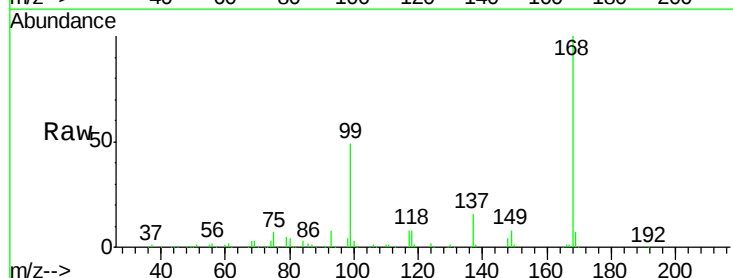
Instrument :
 MSVOA_N
 ClientSampleId :

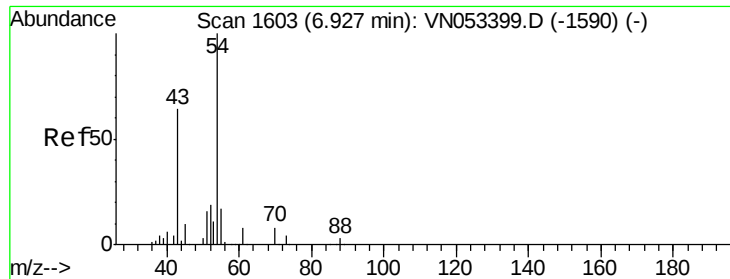
Tot Ion:113 Resp: 440822
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 23.0 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.271 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN053548.D
 Acq: 28 Jan 2019 16:22

Tgt Ion: 75 Resp: 54757
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.3#
 77 0.0 25.1 37.7#

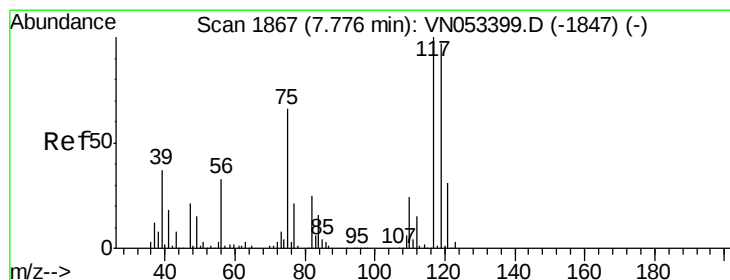
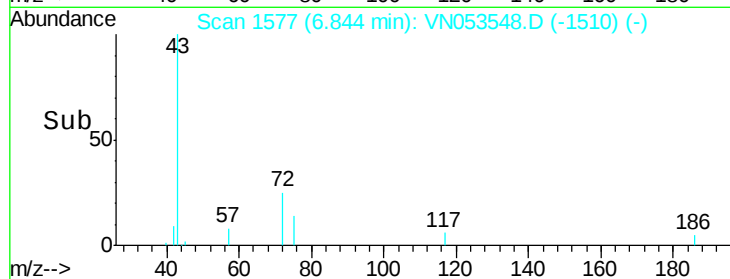
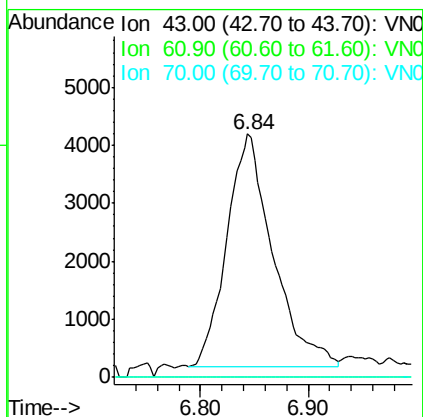
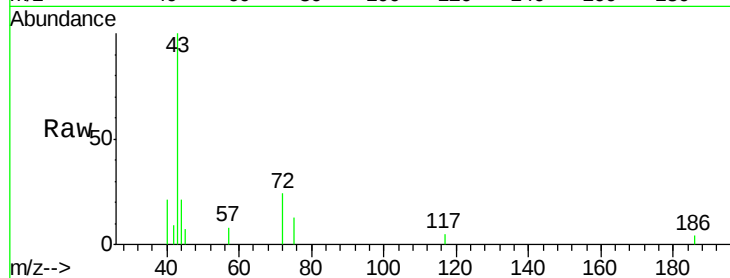




#37
Ethyl Acetate
Concen: 1.604 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.08 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

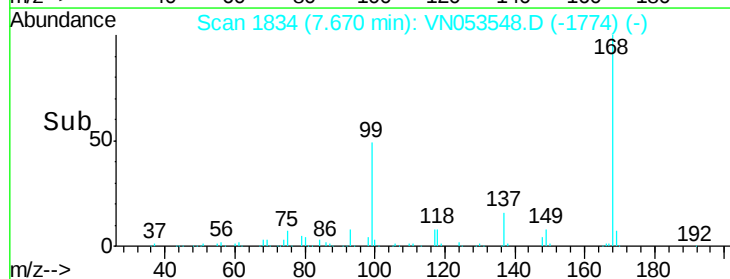
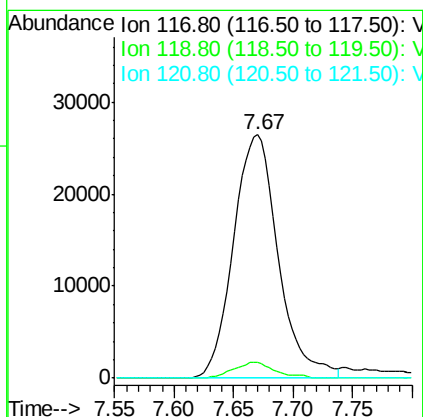
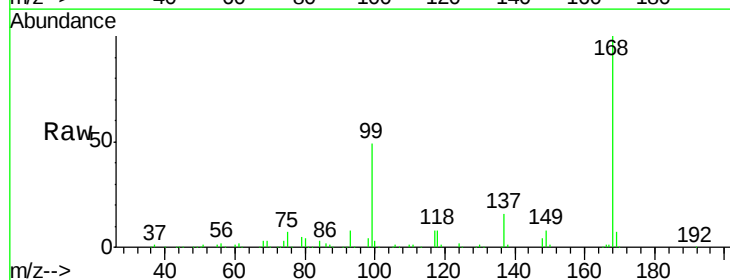
Instrument :
MSVOA_N
ClientSampled :

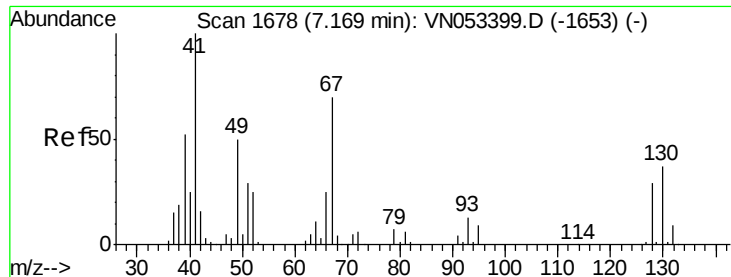
Tot Ion: 43 Resp: 11828
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 5.686 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.11 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 117 Resp: 69019
Ion Ratio Lower Upper
117 100
119 6.4 77.2 115.8#
121 0.0 24.6 37.0#

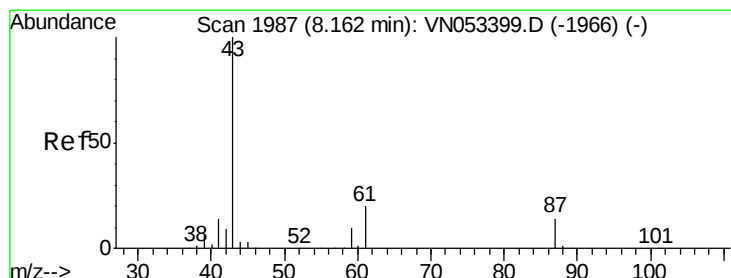
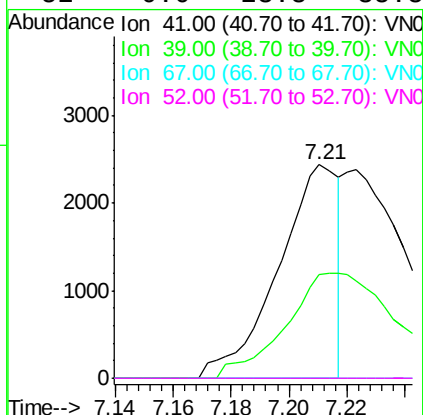
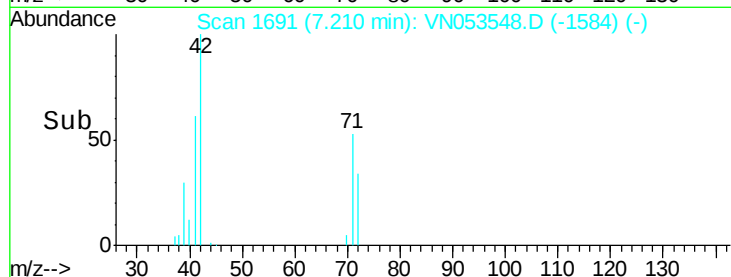
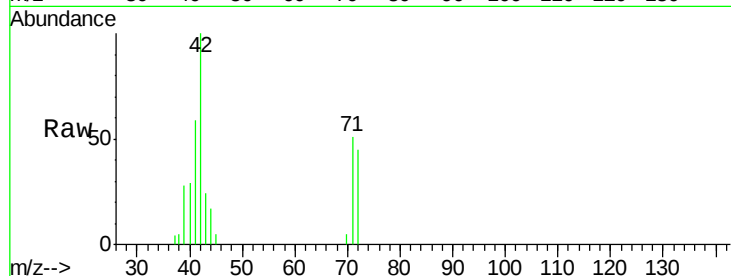




#41
Methacrylonitrile
Concen: 1.459 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

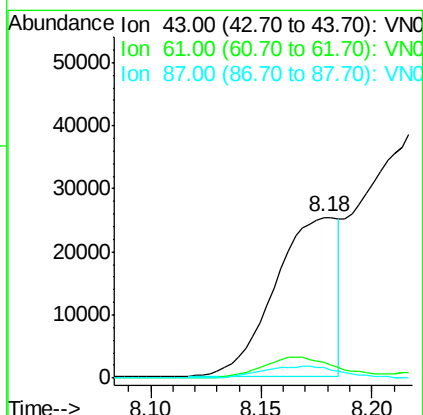
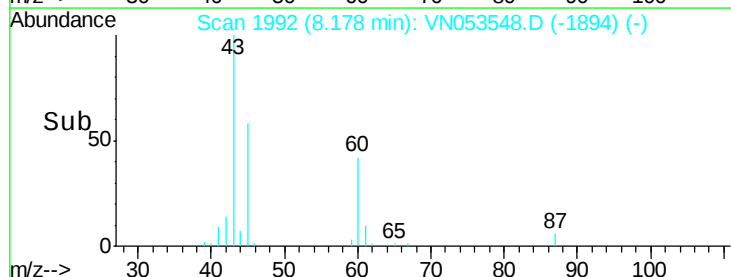
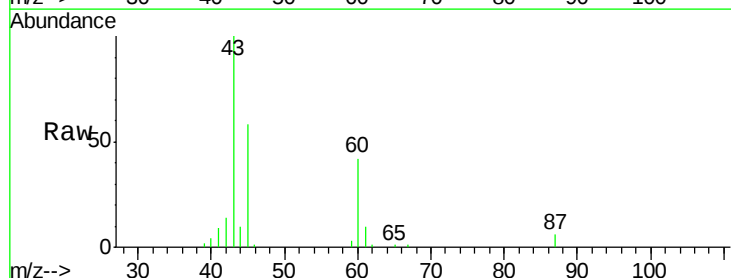
Instrument :
MSVOA_N
ClientSampleId :

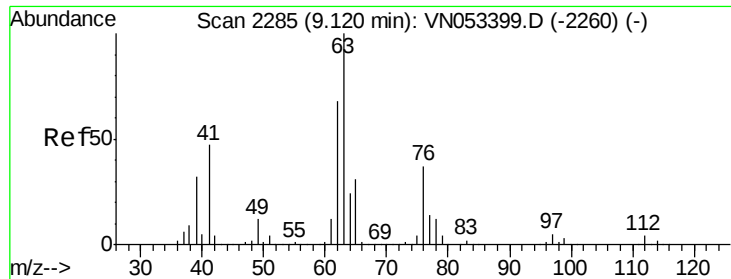
Tot Ion: 41 Resp: 3516
Ion Ratio Lower Upper
41 100
39 91.5 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.760 ug/l
RT: 8.18 min Scan# 1992
Delta R.T. 0.02 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 43 Resp: 49871
Ion Ratio Lower Upper
43 100
61 15.6 23.9 35.9#
87 9.3 11.0 16.6#

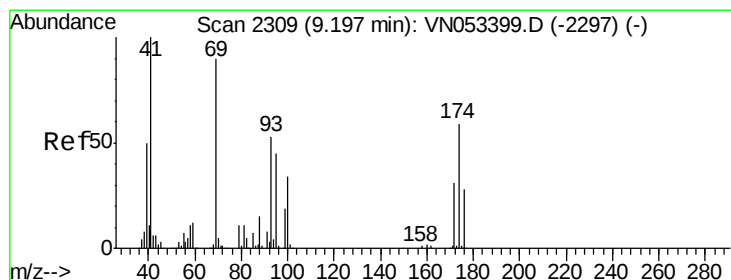
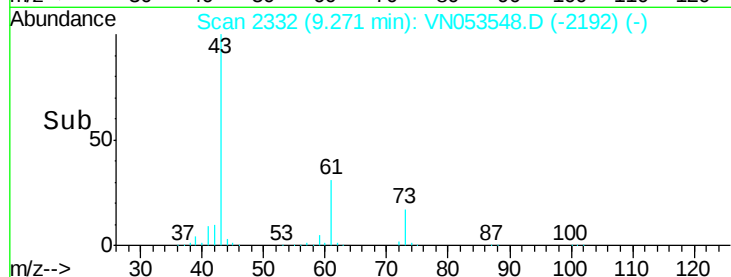
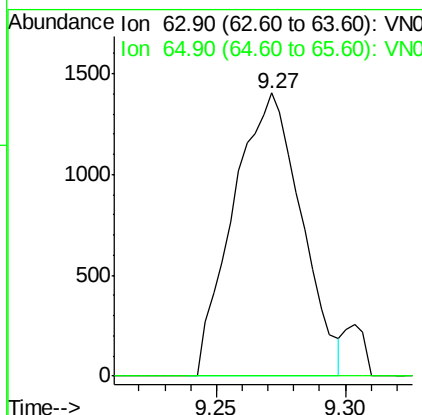
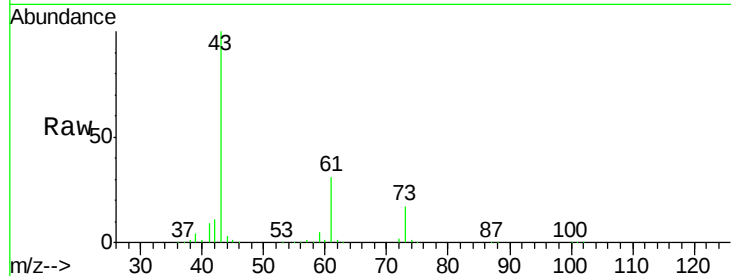




#45
 1,2-Dichloropropane
 Concen: 0.250 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN053548.D
 Acq: 28 Jan 2019 16:22

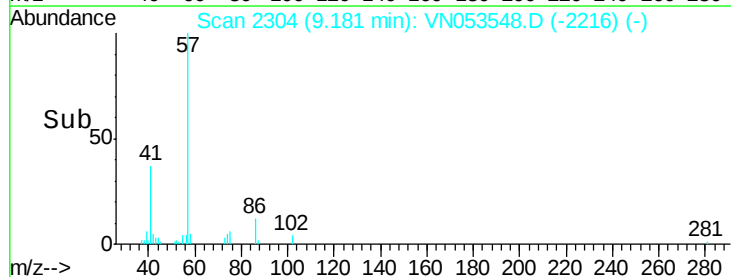
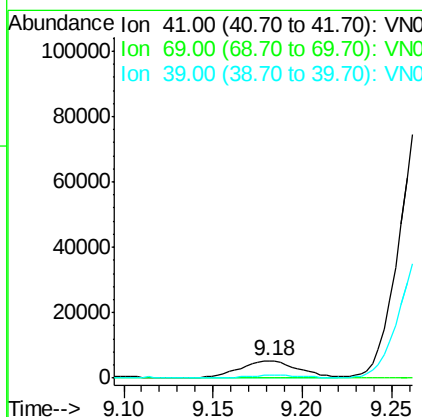
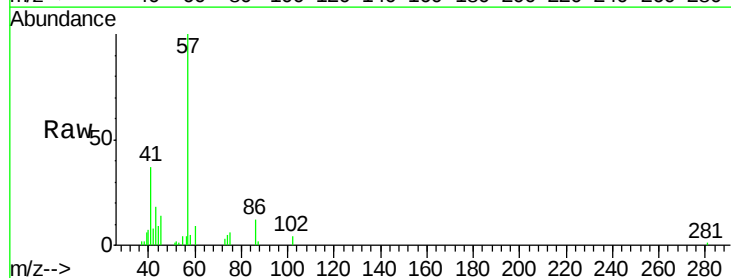
Instrument :
 MSVOA_N
 ClientSampleId :

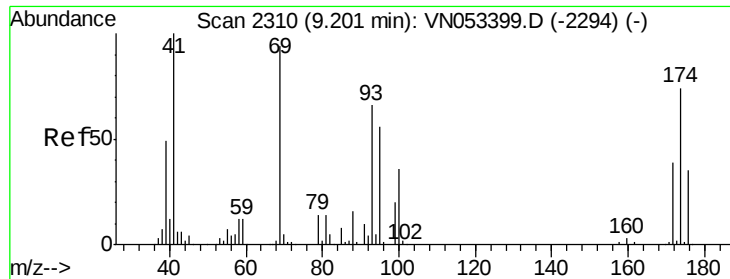
Tot Ion: 63 Resp: 2583
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.648 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN053548.D
 Acq: 28 Jan 2019 16:22

Tgt Ion: 41 Resp: 11288
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.8 110.6#
 39 0.0 40.0 60.0#





#49

1,4-Dioxane

Concen: 0.897 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :
MSVOA_N
ClientSampled :

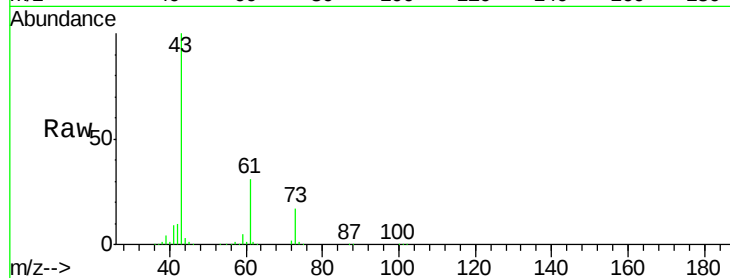
Tot Ion: 88 Resp: 60

Ion Ratio Lower Upper

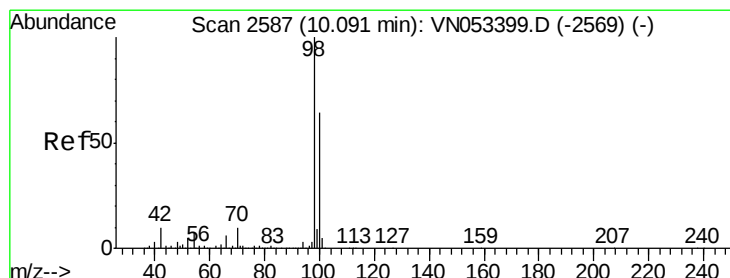
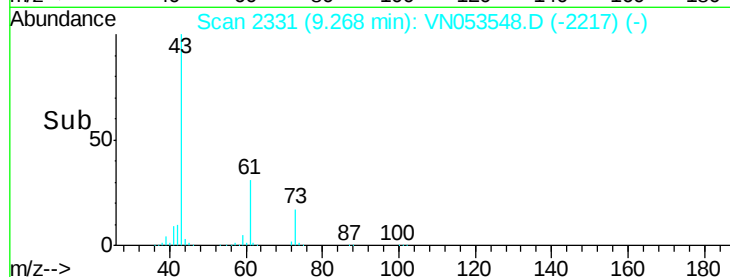
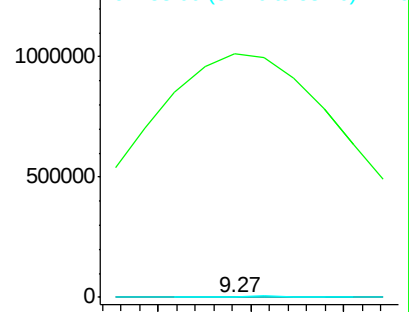
88 100

43 3403800.0 27.8 41.6#

58 15413.3 56.5 84.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 0.897 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053548.D

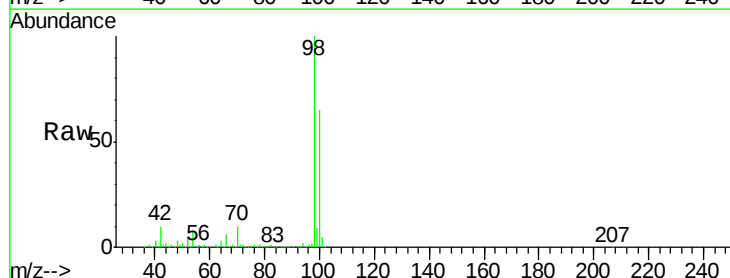
Acq: 28 Jan 2019 16:22

Tgt Ion: 98 Resp: 1699324

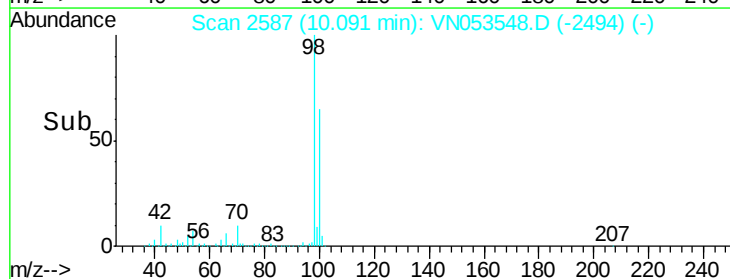
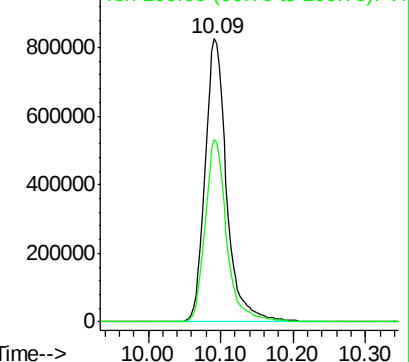
Ion Ratio Lower Upper

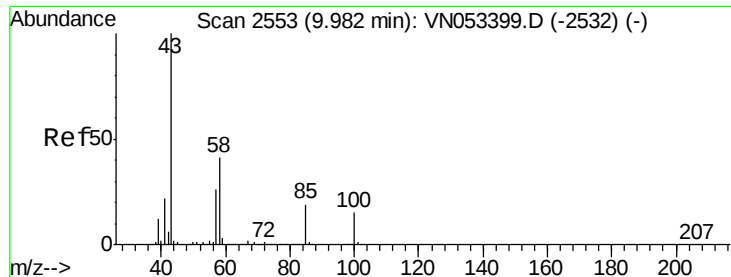
98 100

100 64.1 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 1.447 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.05 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

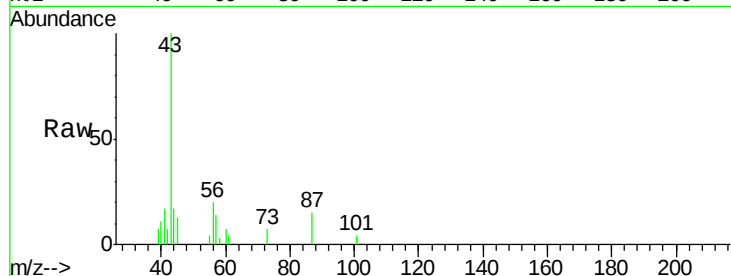
ClientSampleId :

Tot Ion: 43 Resp: 10477

Ion Ratio Lower Upper

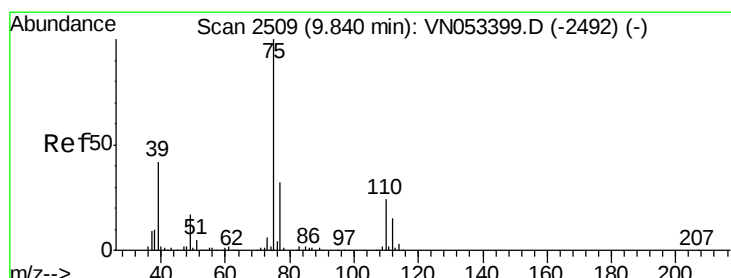
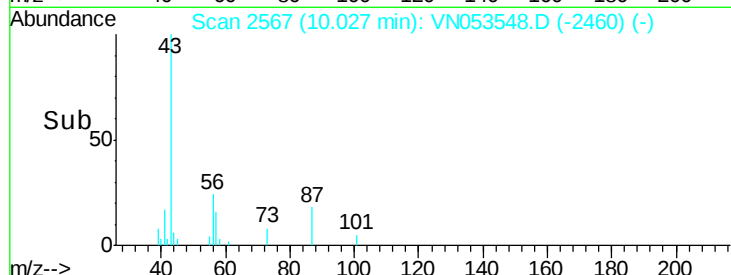
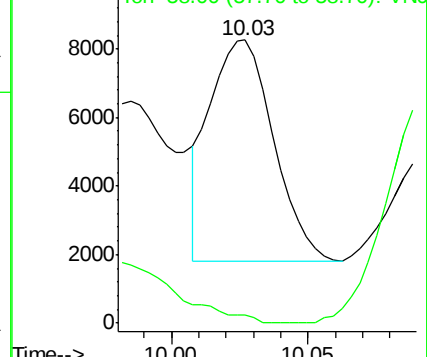
43 100

58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#54

cis-1,3-Dichloropropene

Concen: 6.346 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

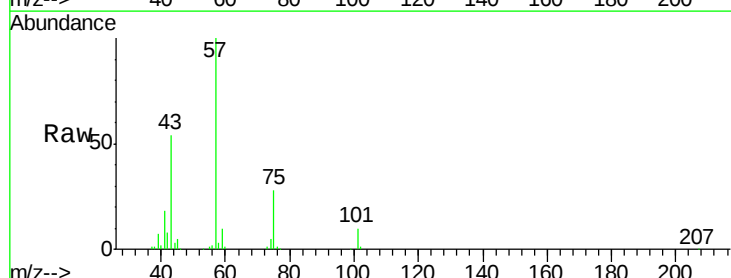
Tgt Ion: 75 Resp: 94012

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

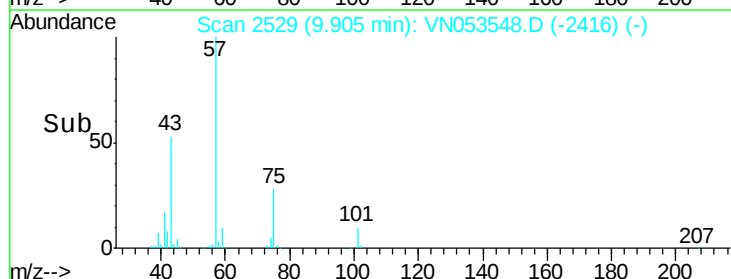
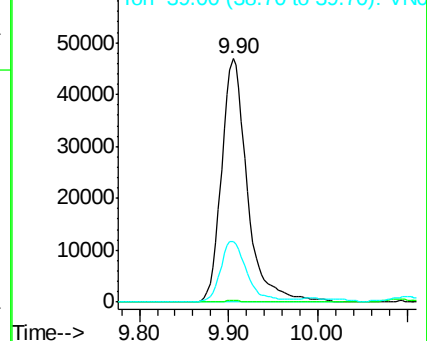
39 24.9 33.4 50.0#

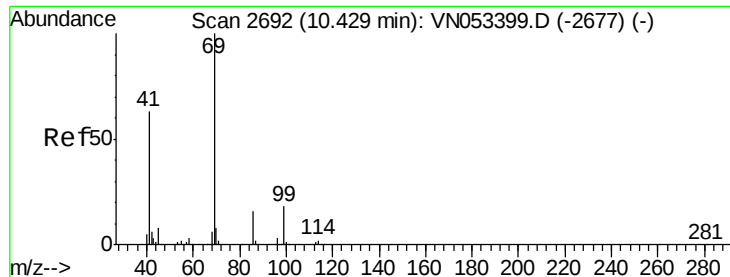


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO





#56

Ethyl methacrylate

Concen: 2.161 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

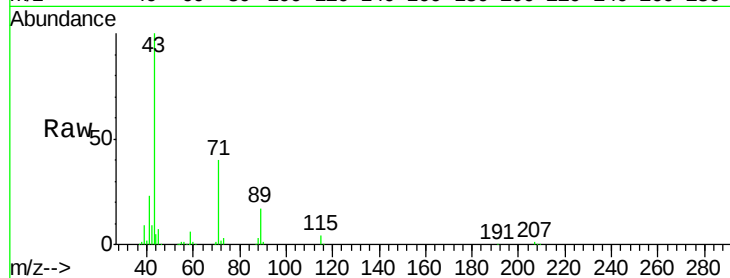
Tot Ion: 69 Resp: 1279

Ion Ratio Lower Upper

69 100

41 5125.4 49.4 74.0#

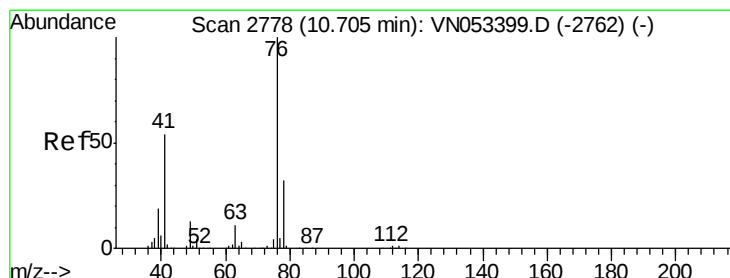
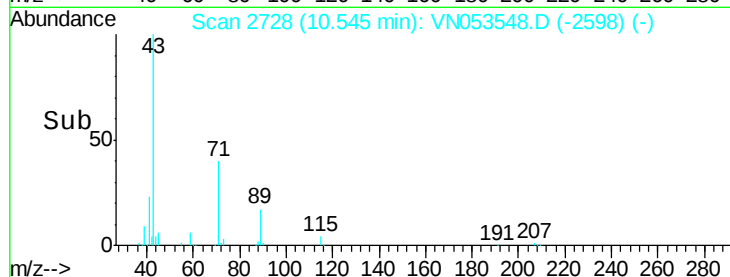
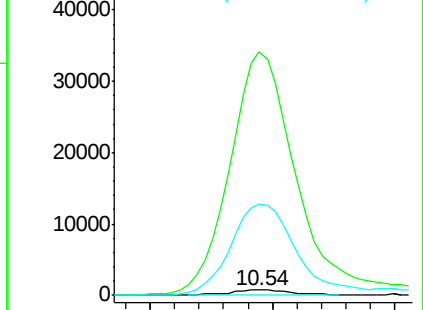
39 1872.2 23.3 34.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.322 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053548.D

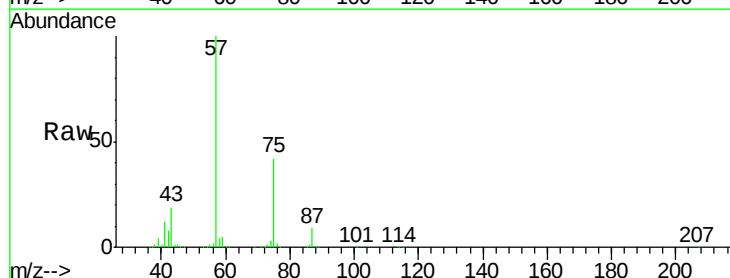
Acq: 28 Jan 2019 16:22

Tgt Ion: 76 Resp: 19065

Ion Ratio Lower Upper

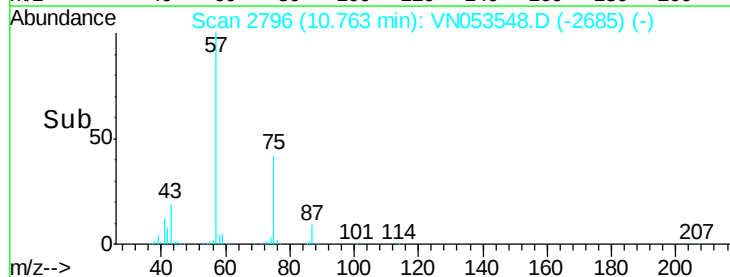
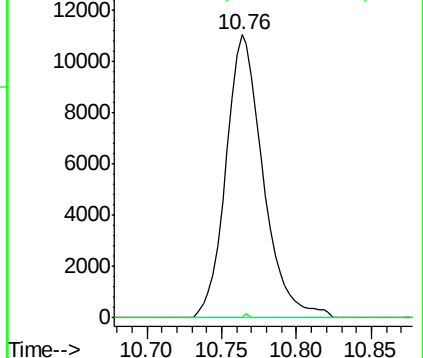
76 100

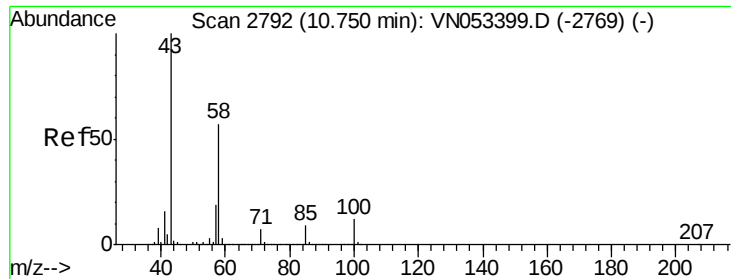
78 0.2 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

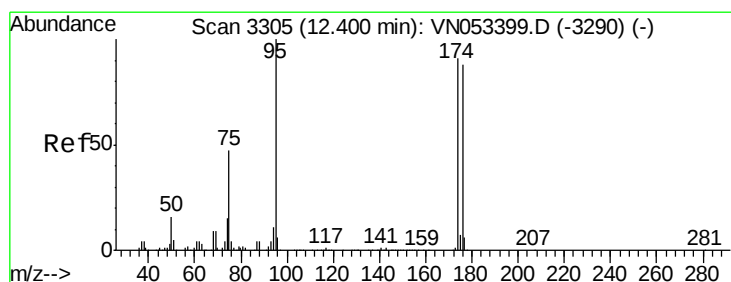
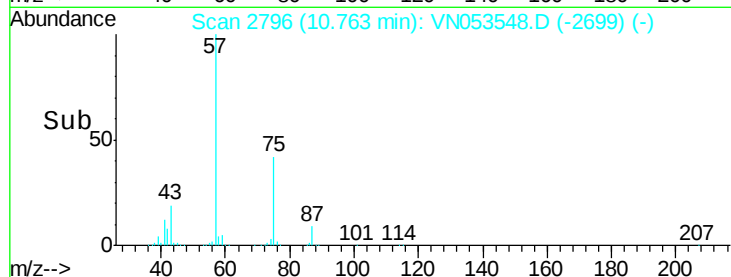
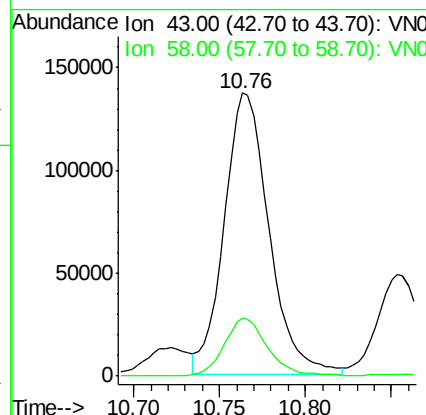
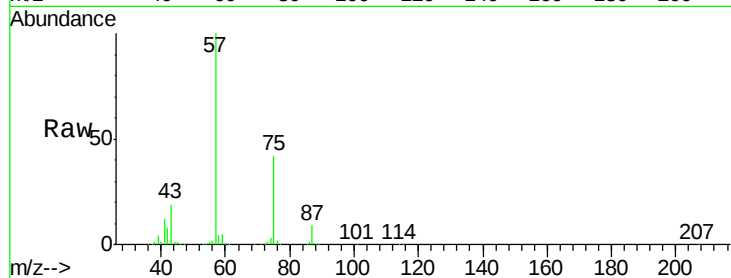




#59
2-Hexanone
Concen: 49.134 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

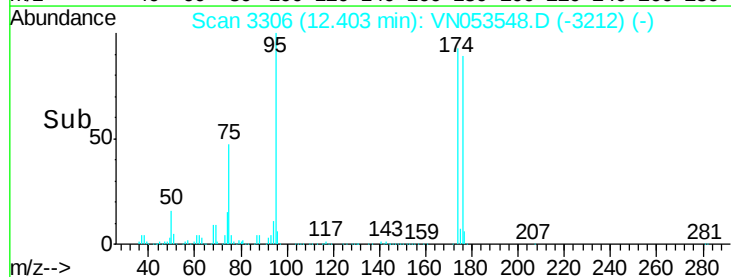
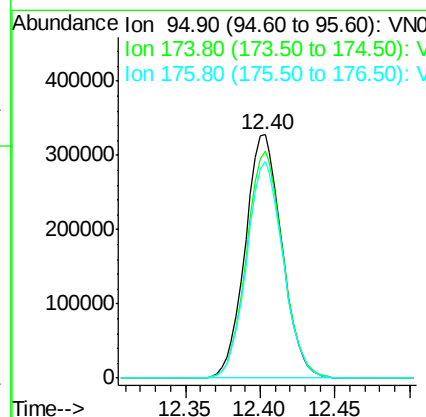
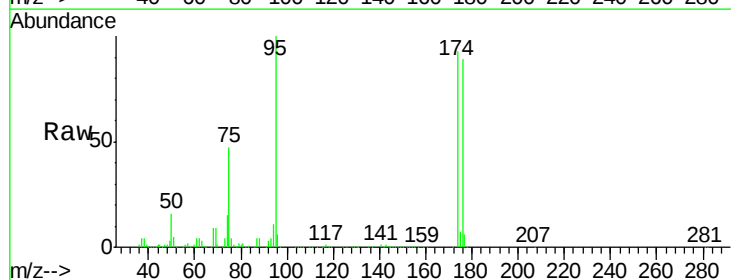
Instrument :
MSVOA_N
ClientSampled :

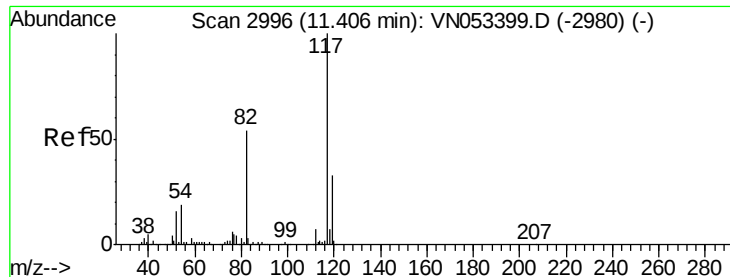
Tot Ion: 43 Resp: 249731
Ion Ratio Lower Upper
43 100
58 20.0 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053548.D
Acq: 28 Jan 2019 16:22

Tgt Ion: 95 Resp: 561479
Ion Ratio Lower Upper
95 100
174 92.5 0.0 183.2
176 88.2 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampled :

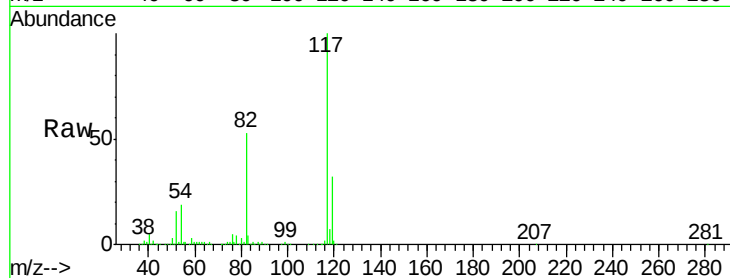
Tot Ion:117 Resp: 1265090

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

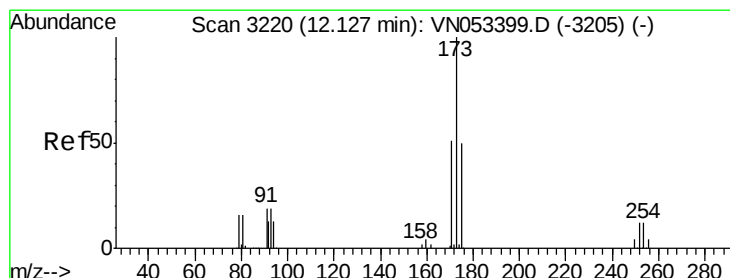
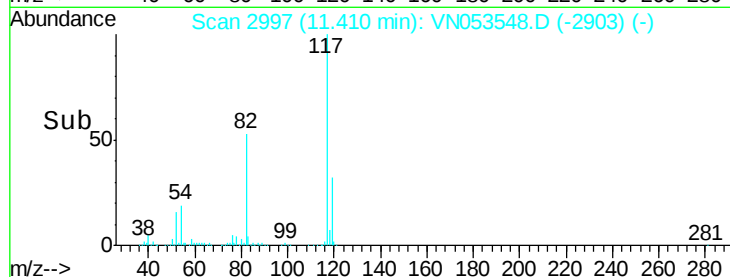
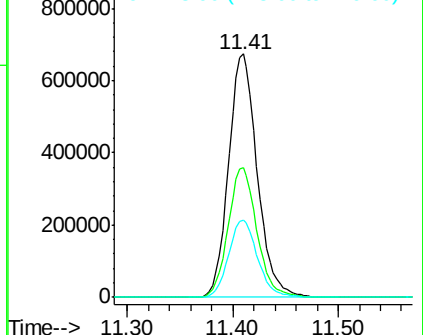
119 31.9 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 0.229 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

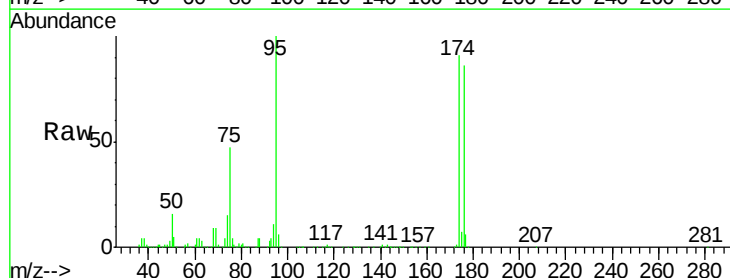
Tgt Ion:173 Resp: 1471

Ion Ratio Lower Upper

173 100

175 2129.6 24.6 74.0#

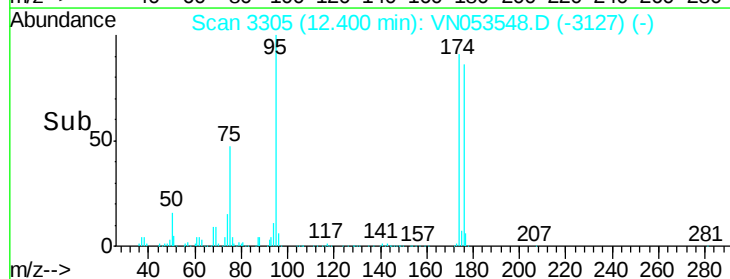
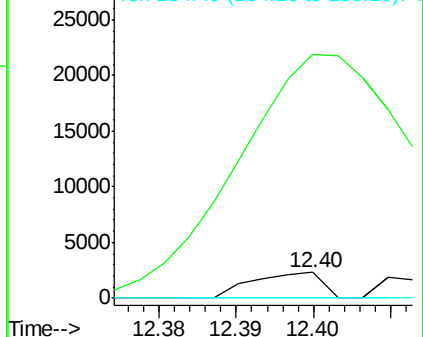
254 0.0 0.2 0.2#

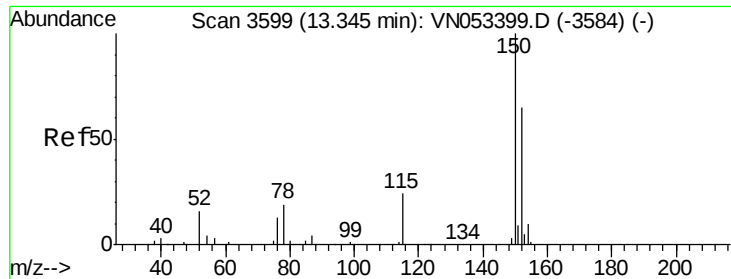


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

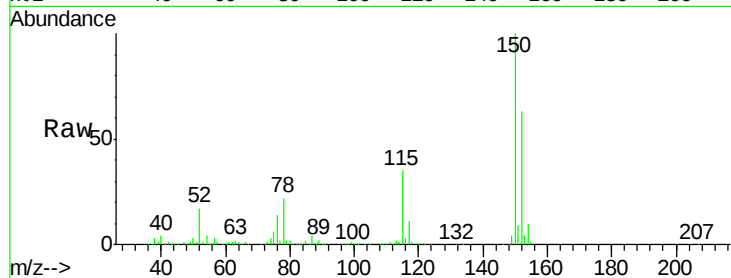
Tot Ion:152 Resp: 538248

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

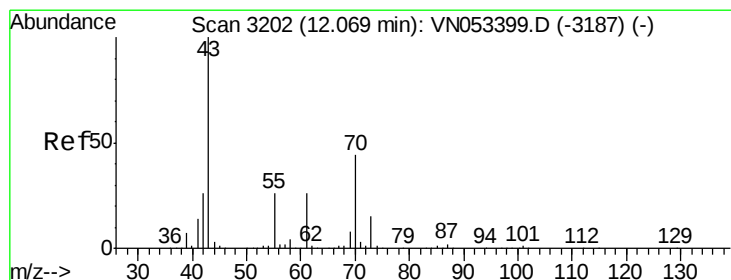
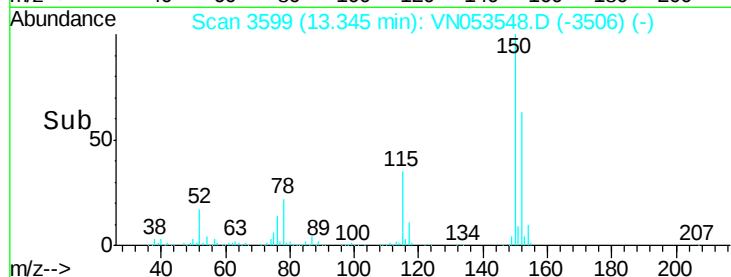
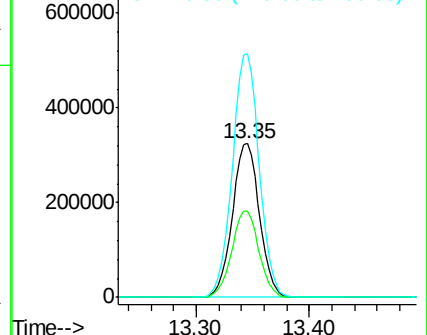
150 157.4 0.0 349.0



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-ethyl acetate

Concen: 2.653 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Tgt Ion: 43 Resp: 27875

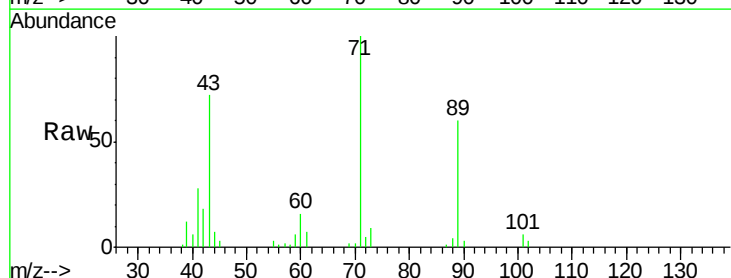
Ion Ratio Lower Upper

43 100

70 2.2 35.4 53.2#

55 4.6 20.9 31.3#

61 11.5 20.5 30.7#

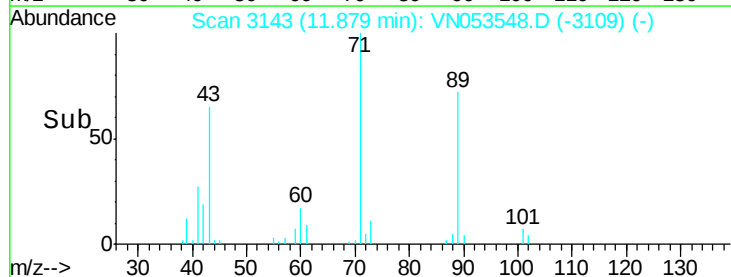
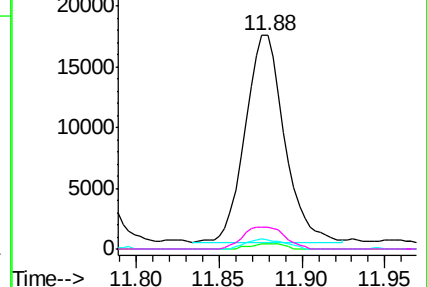


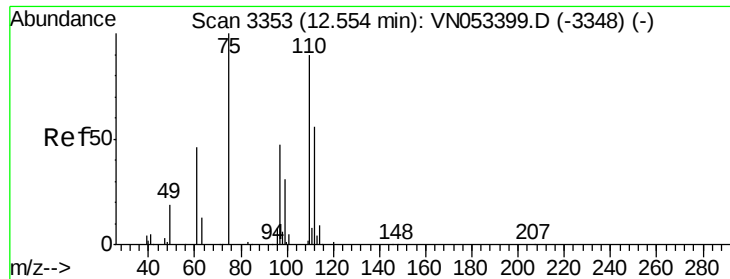
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 36.778 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

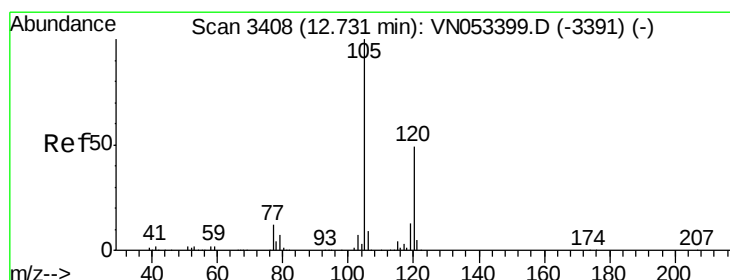
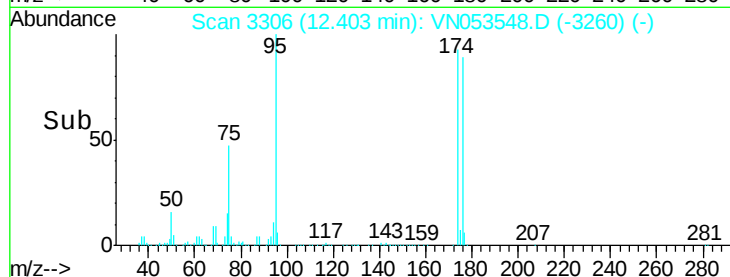
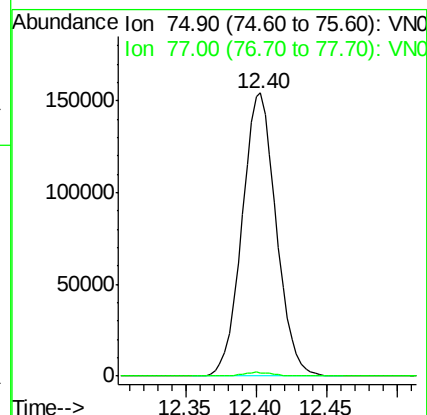
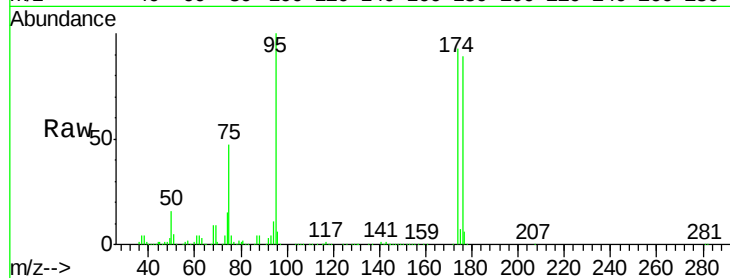
ClientSampleId :

Tot Ion: 75 Resp: 260870

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.302 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053548.D

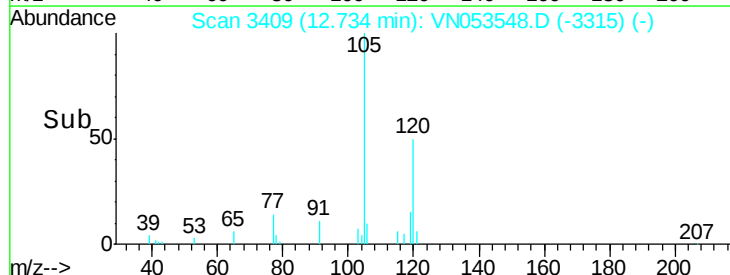
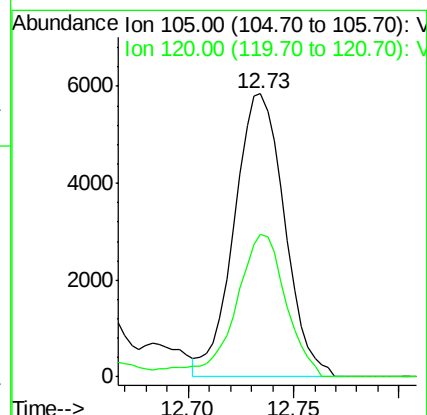
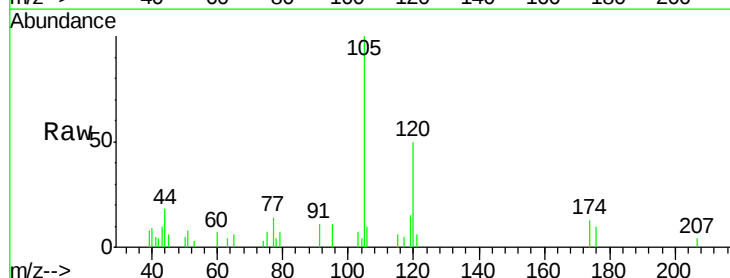
Acq: 28 Jan 2019 16:22

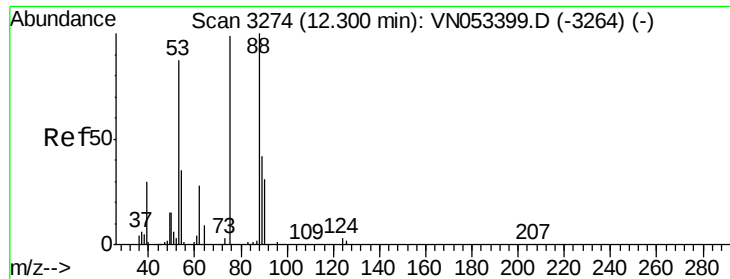
Tgt Ion: 105 Resp: 9699

Ion Ratio Lower Upper

105 100

120 50.9 24.9 74.6

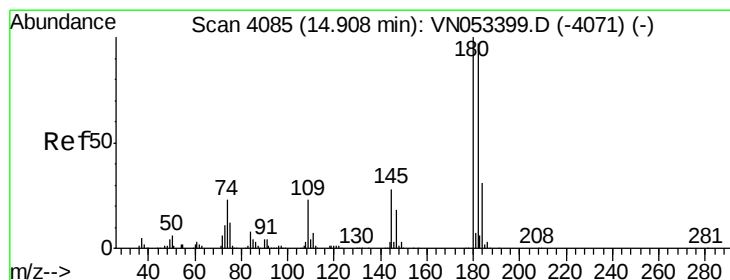
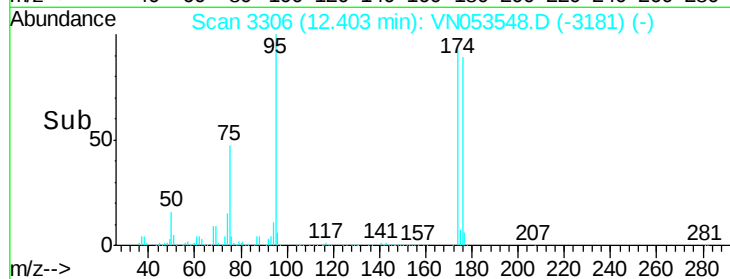
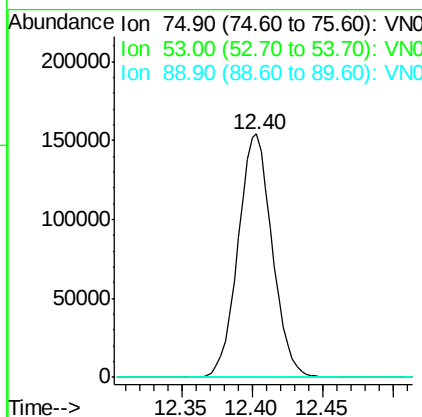
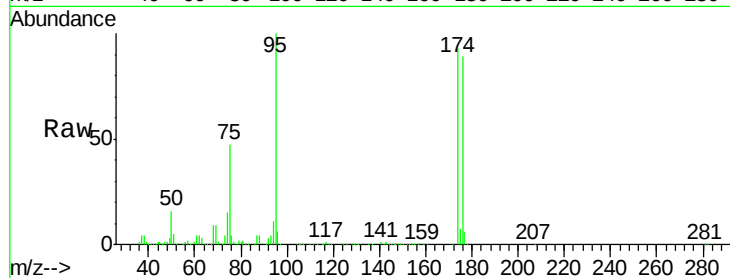




#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.894 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN053548.D
 Acq: 28 Jan 2019 16:22

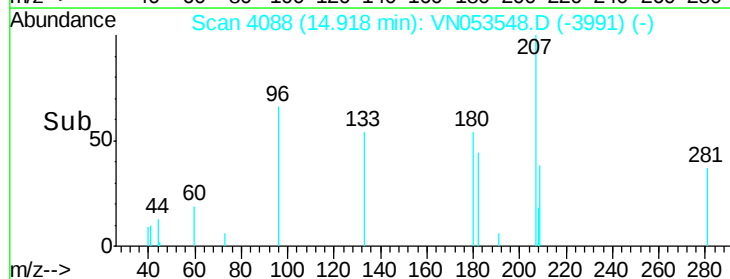
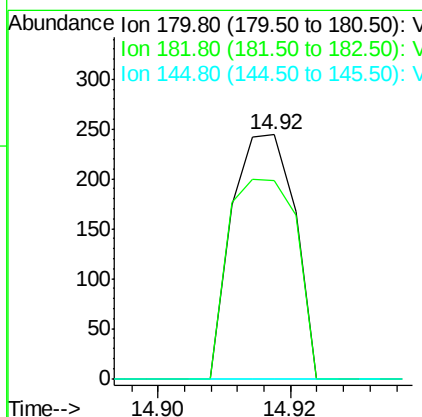
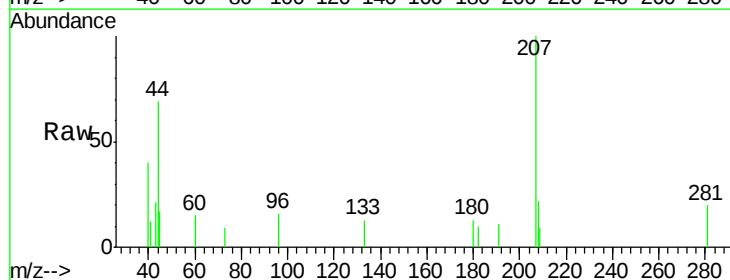
Instrument :
 MSVOA_N
 ClientSampled :

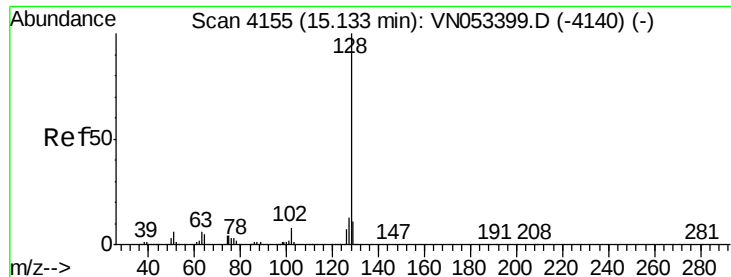
Tot Ion: 75 Resp: 260870
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.6#
 89 0.0 35.6 53.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.787 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN053548.D
 Acq: 28 Jan 2019 16:22

Tgt Ion: 180 Resp: 160
 Ion Ratio Lower Upper
 180 100
 182 88.8 48.1 144.3
 145 0.0 13.9 41.6#





#95

Naphthalene

Concen: 3.988 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

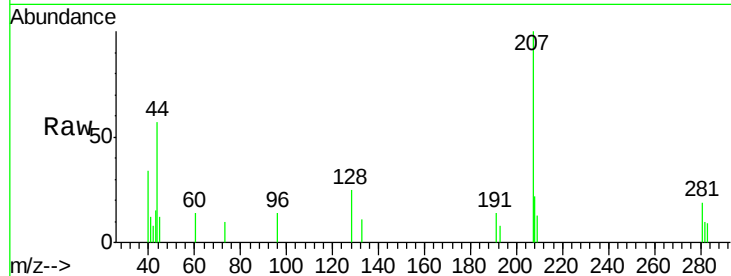
Tot Ion:128 Resp: 691

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

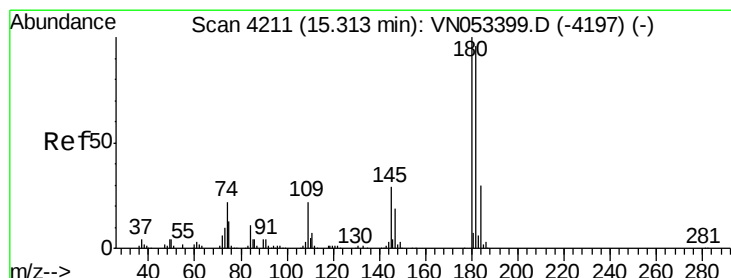
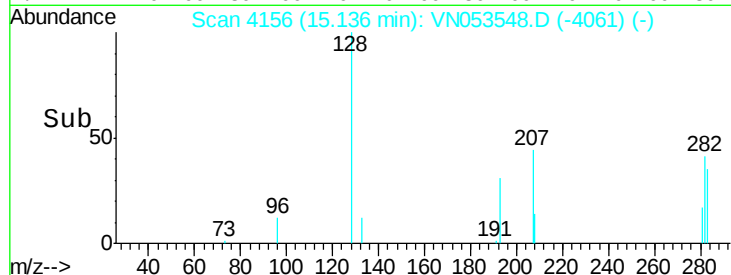
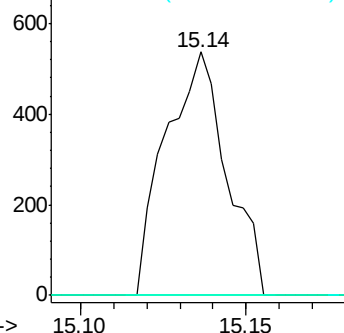
129 0.0 8.6 13.0#



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



#96

1,2,3-Trichlorobenzene

Concen: 3.933 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN053548.D

Acq: 28 Jan 2019 16:22

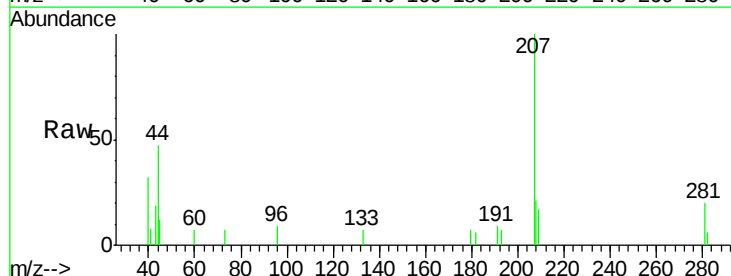
Tgt Ion:180 Resp: 172

Ion Ratio Lower Upper

180 100

182 104.1 47.9 143.8

145 0.0 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

