

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053408.D
 Acq On : 15 Jan 2019 15:21
 Operator : JC/SP
 Sample : K1139-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S-7

Quant Time: Jan 16 03:40:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 15 11:52:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	970000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1518714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1456080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	658316	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	495854	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	441376	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	10.09	98	1909623	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.40	95	679459	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	

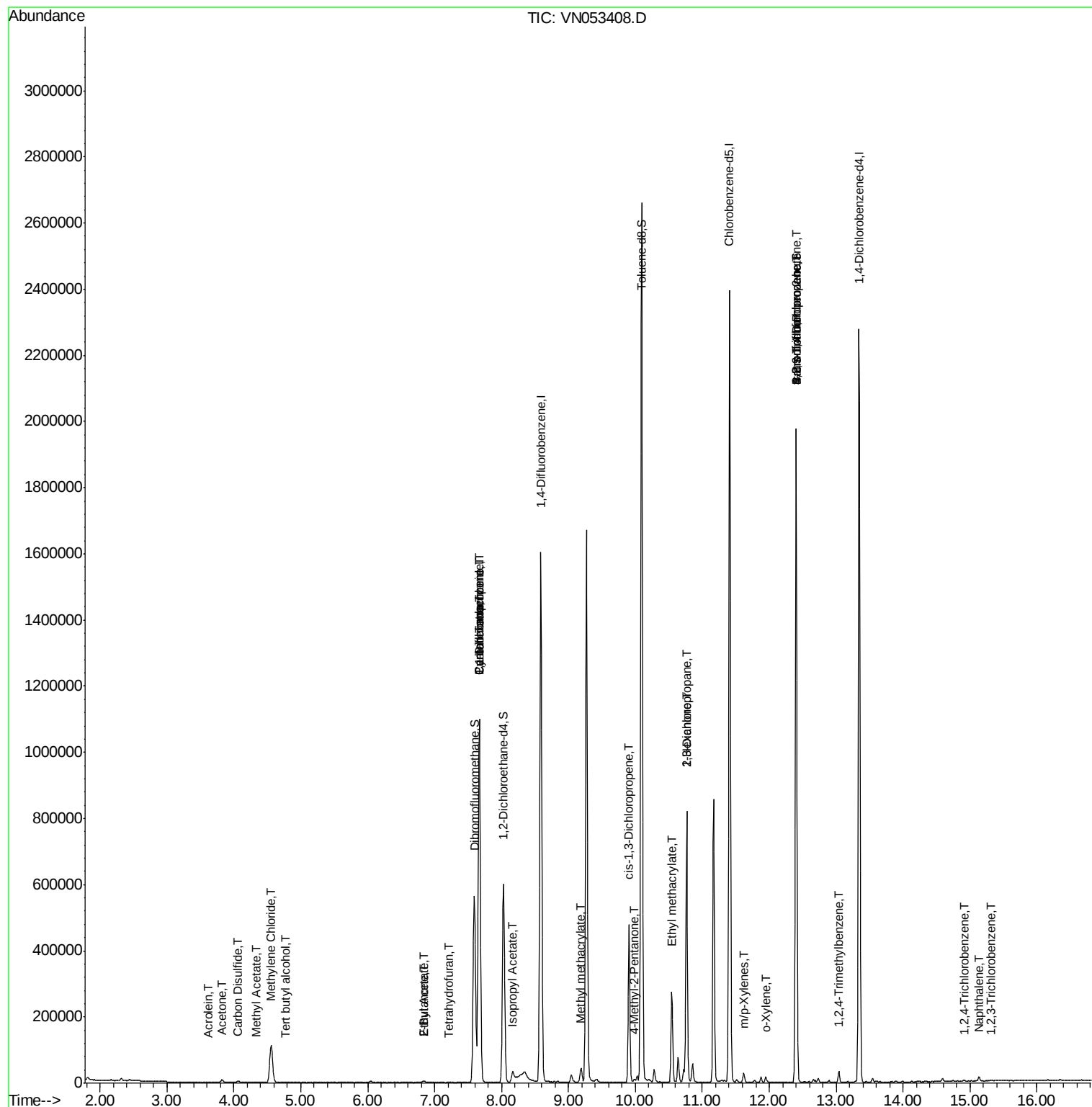
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	973	2.074	ug/l #	73
13) Acrolein	3.61	56	396	23.131	ug/l	96
16) Acetone	3.82	43	15677	6.969	ug/l	90
17) Carbon Disulfide	4.06	76	6547	0.251	ug/l #	92
18) Methyl Acetate	4.33	43	2016	0.266	ug/l #	85
20) Methylene Chloride	4.56	84	89241	8.690	ug/l	97
25) 2-Butanone	6.85	43	7307	2.108	ug/l	100
29) Tetrahydrofuran	7.21	42	974	0.432	ug/l #	78
31) Cyclohexane	7.67	56	16620	0.766	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	63690	4.605	ug/l #	48
37) Ethyl Acetate	6.85	43	7307	0.911	ug/l #	68
38) Carbon Tetrachloride	7.67	117	84210	6.431	ug/l #	16
43) Isopropyl Acetate	8.17	43	48487	3.245	ug/l #	83
48) Methyl methacrylate	9.18	41	17487	2.367	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	5784	0.741	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	89470	5.598	ug/l #	63
56) Ethyl methacrylate	10.55	69	984	2.132	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	8037	0.516	ug/l #	42
59) 2-Hexanone	10.77	43	117260	21.385	ug/l #	52
68) m/p-Xylenes	11.62	106	9006	0.454	ug/l	99
69) o-Xylene	11.95	106	4180	0.217	ug/l	96
71) Bromoform	12.40	173	4156	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	316945	38.239	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	316945	90.307	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	20539	0.519	ug/l	98
93) 1,2,4-Trichlorobenzene	14.90	180	1095	2.880	ug/l	84
95) Naphthalene	15.13	128	11122	4.583	ug/l	95
96) 1,2,3-Trichlorobenzene	15.32	180	1068	4.052	ug/l	91

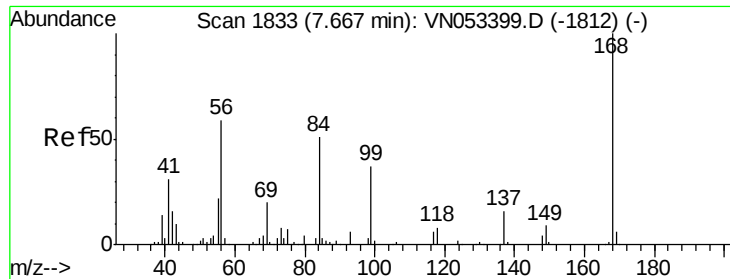
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

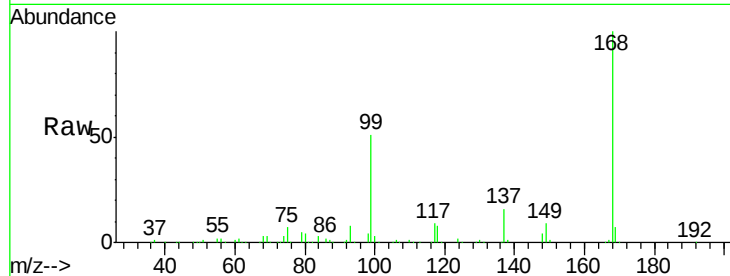
S-7

Tot Ion:168 Resp: 970000

Ion Ratio Lower Upper

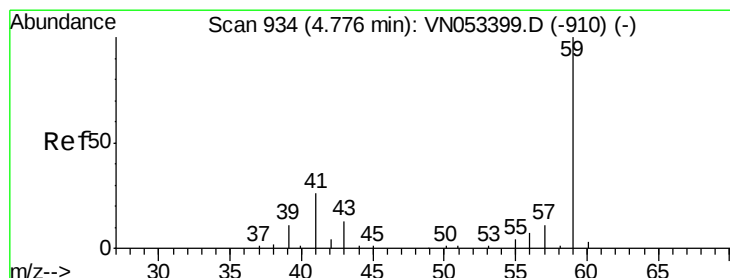
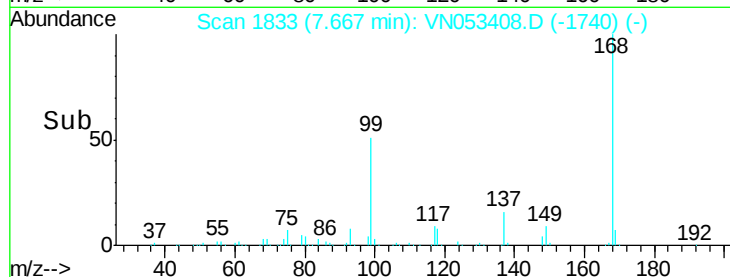
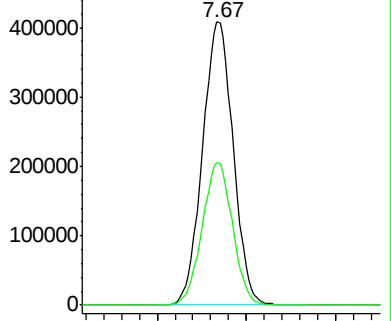
168 100

99 50.6 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: 2.074 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN053408.D

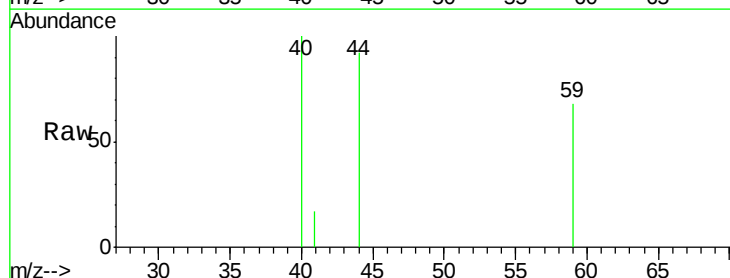
Acq: 15 Jan 2019 15:21

Tgt Ion: 59 Resp: 973

Ion Ratio Lower Upper

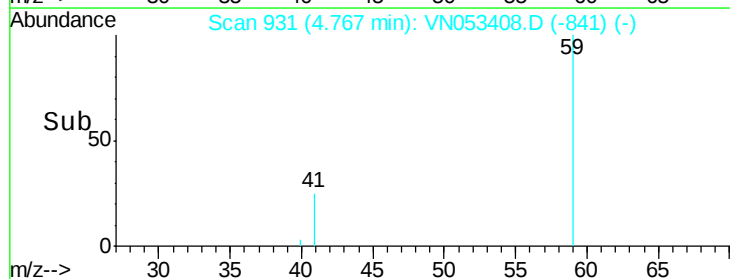
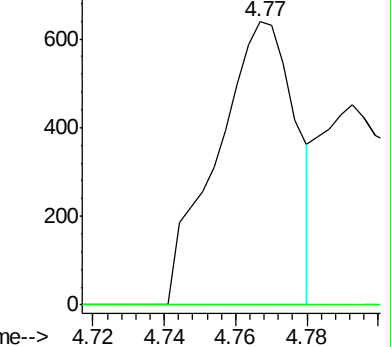
59 100

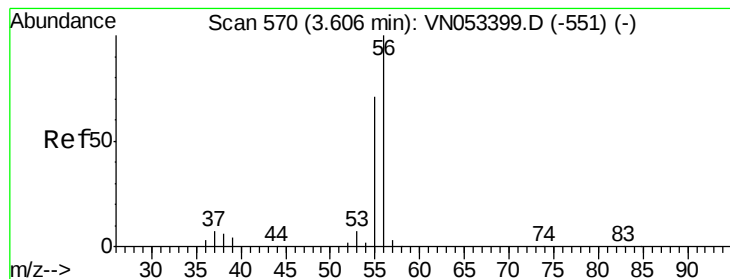
57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 23.131 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

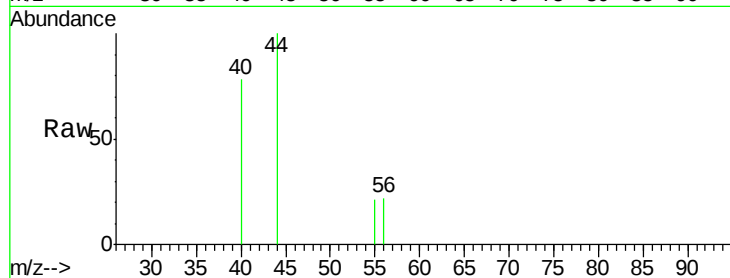
S-7

Tot Ion: 56 Resp: 396

Ion Ratio Lower Upper

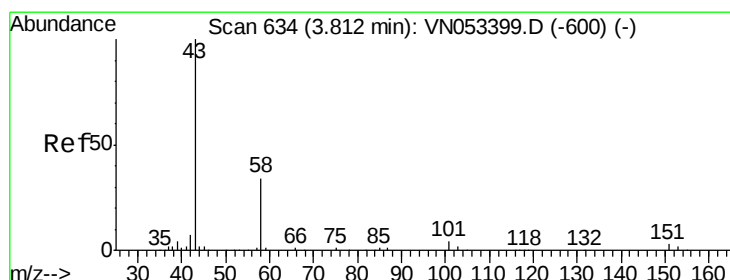
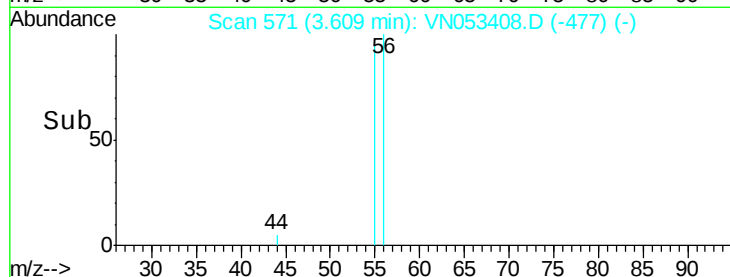
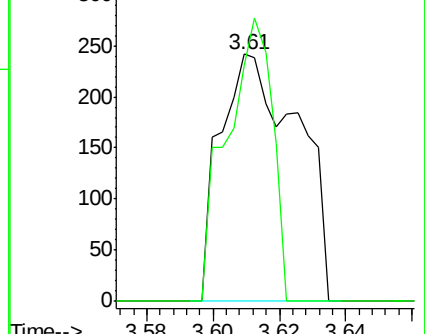
56 100

55 66.9 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 6.969 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053408.D

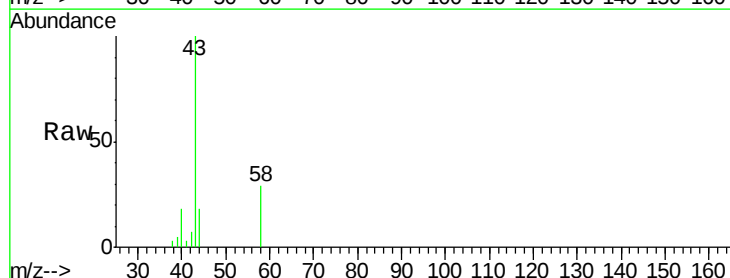
Acq: 15 Jan 2019 15:21

Tgt Ion: 43 Resp: 15677

Ion Ratio Lower Upper

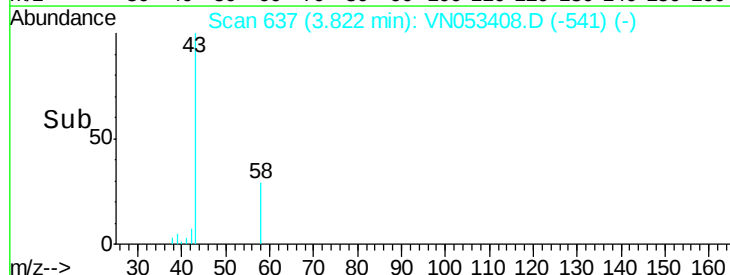
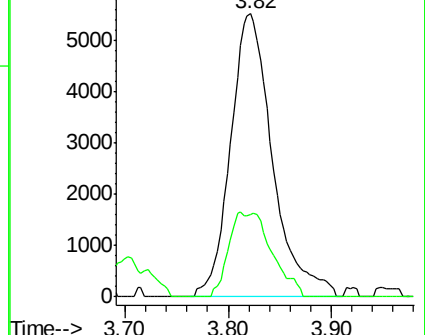
43 100

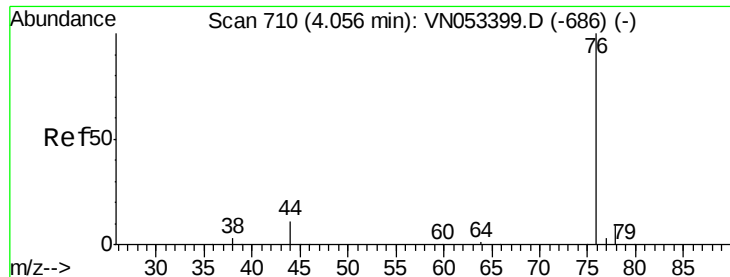
58 29.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.251 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.01 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

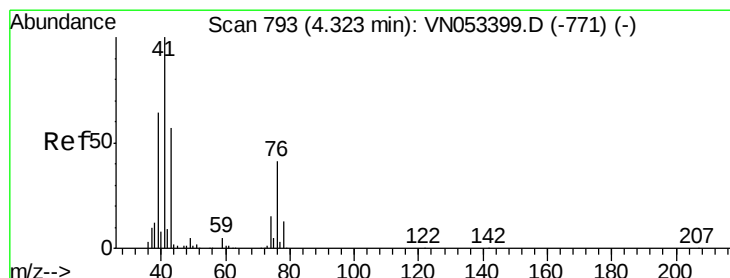
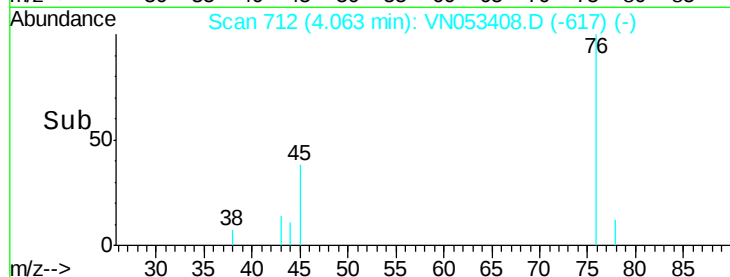
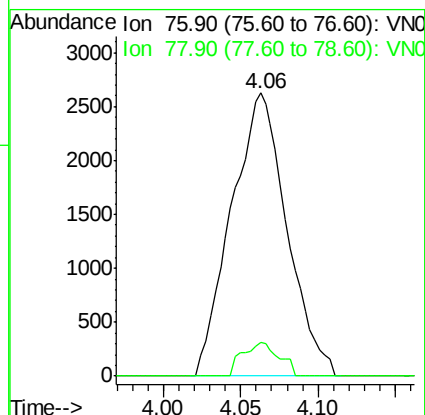
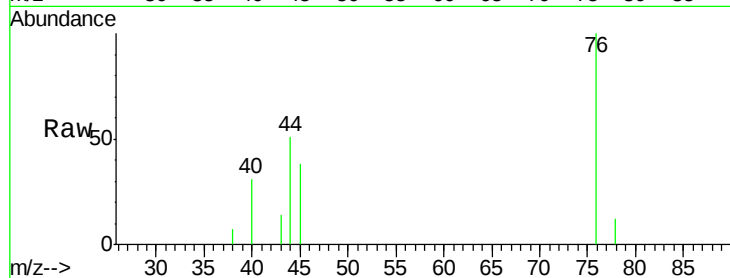
S-7

Tot Ion: 76 Resp: 6547

Ion Ratio Lower Upper

76 100

78 11.9 7.2 10.8#



#18

Methyl Acetate

Concen: 0.266 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053408.D

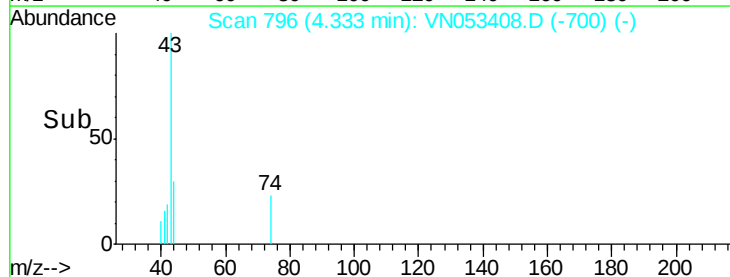
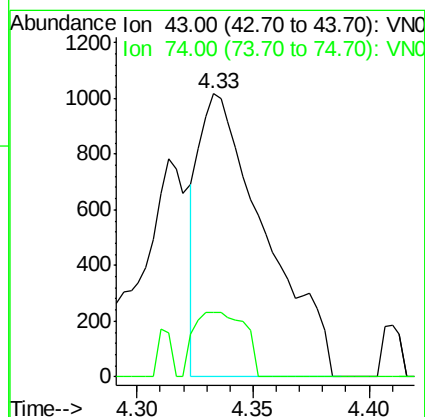
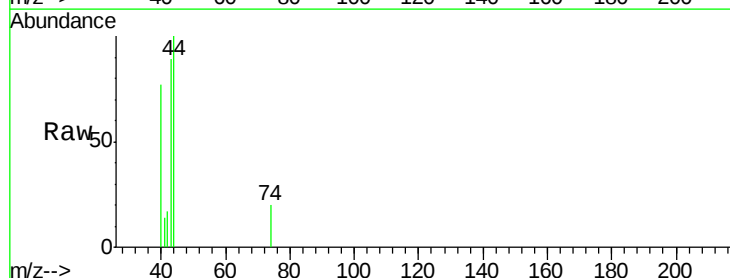
Acq: 15 Jan 2019 15:21

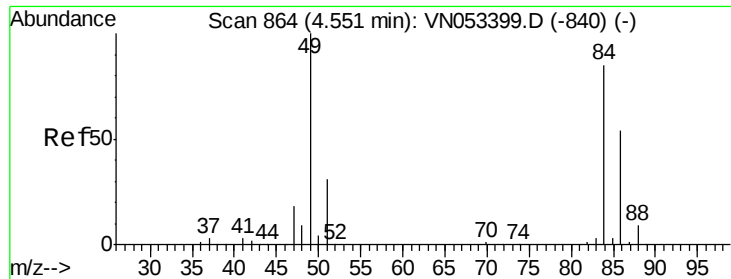
Tgt Ion: 43 Resp: 2016

Ion Ratio Lower Upper

43 100

74 17.5 19.8 29.8#

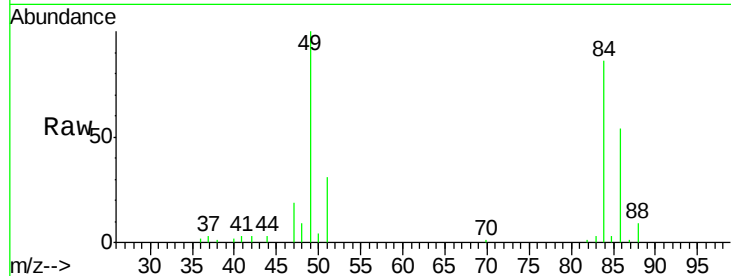




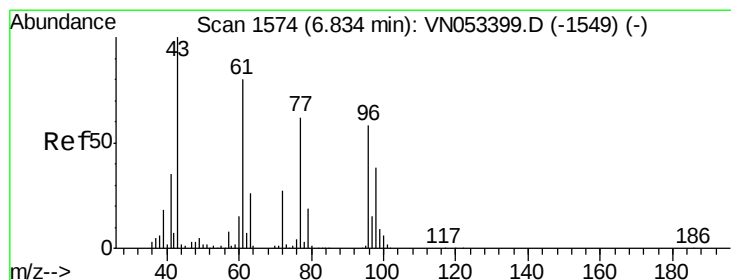
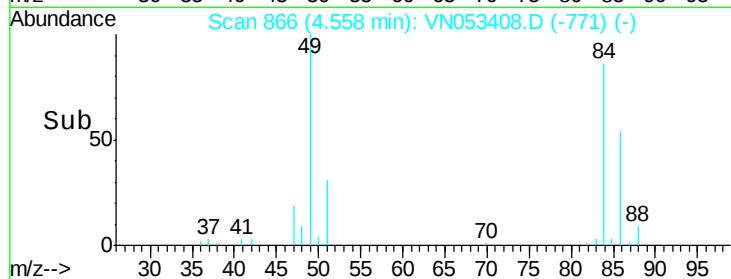
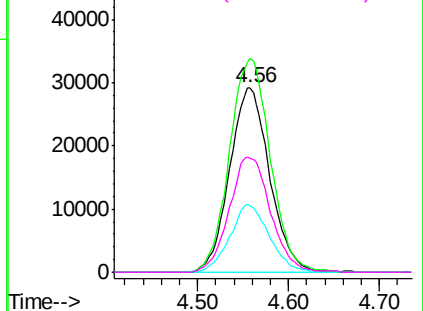
#20
Methvlene Chloride
Concen: 8.690 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

Instrument :
MSVOA_N
ClientSampled :
S-7

Tot Ion:	84	Resp:	89241
Ion	Ratio	Lower	Upper
84	100		
49	115.8	95.3	142.9
51	36.4	29.0	43.6
86	62.0	51.7	77.5

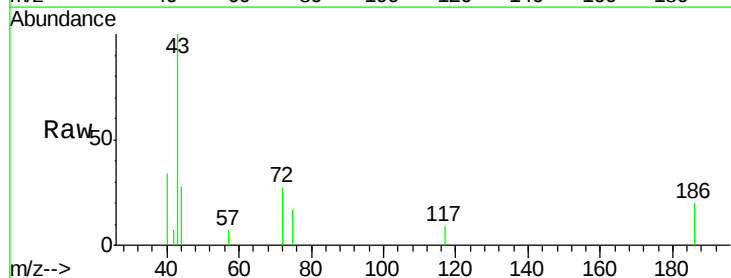


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

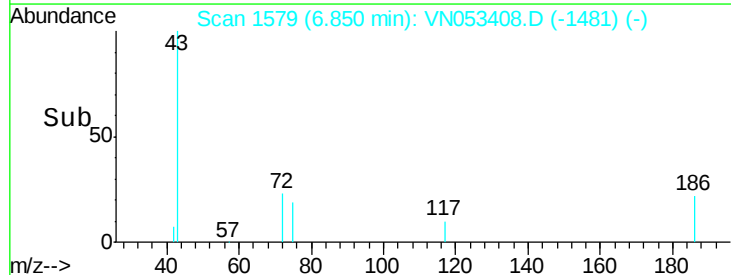
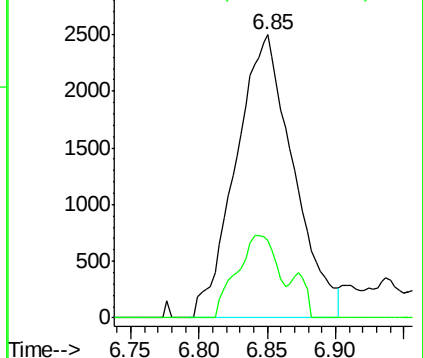


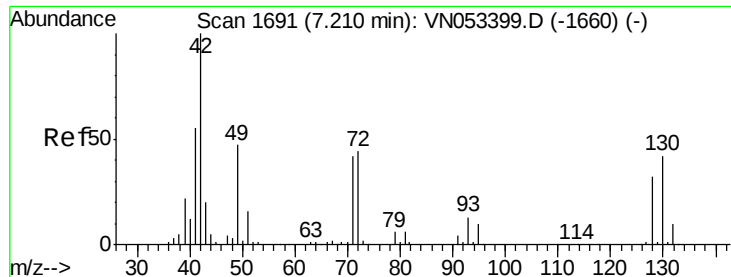
#25
2-Butanone
Concen: 2.108 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

Tgt Ion:	43	Resp:	7307
Ion	Ratio	Lower	Upper
43	100		
72	27.4	22.0	33.0



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

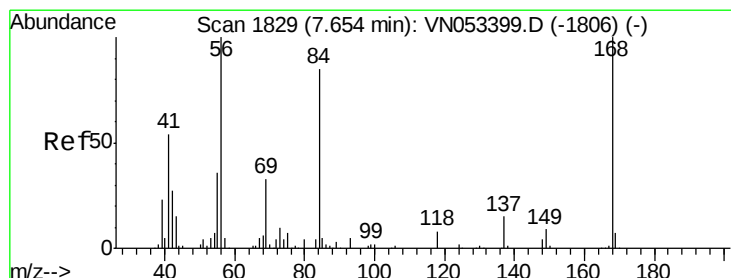
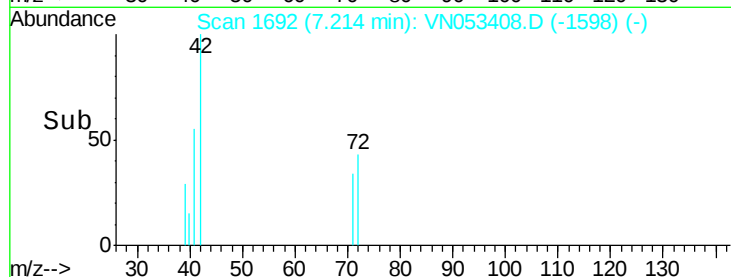
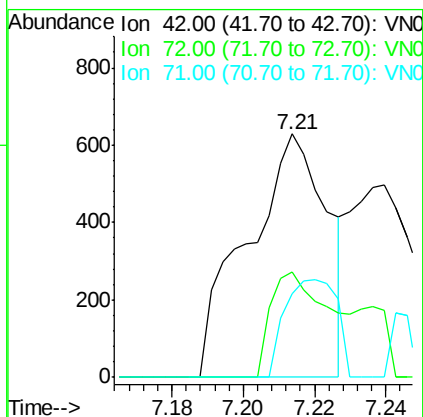
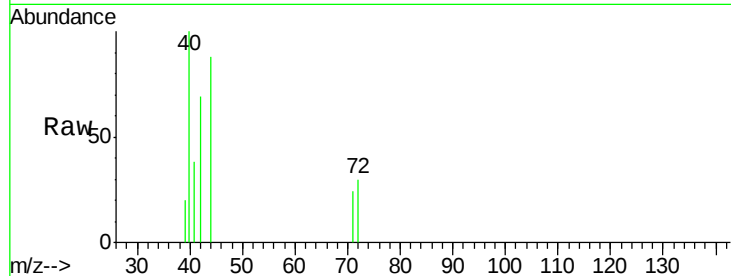




#29
Tetrahydrofuran
Concen: 0.432 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

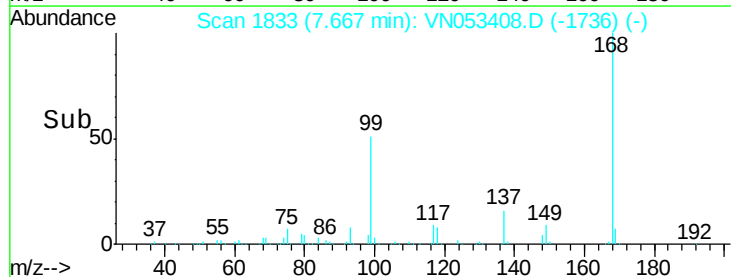
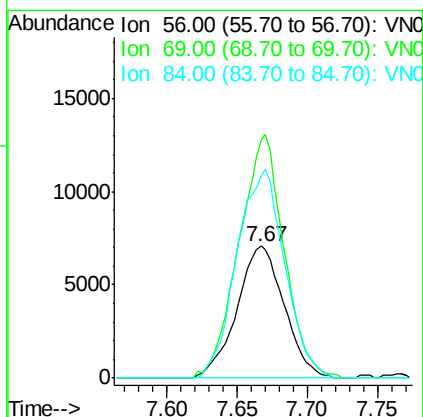
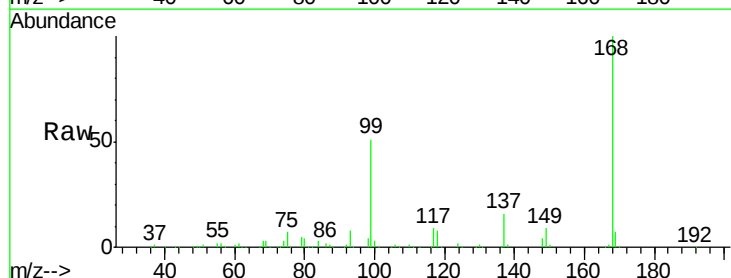
Instrument :
MSVOA_N
ClientSampleId :
S-7

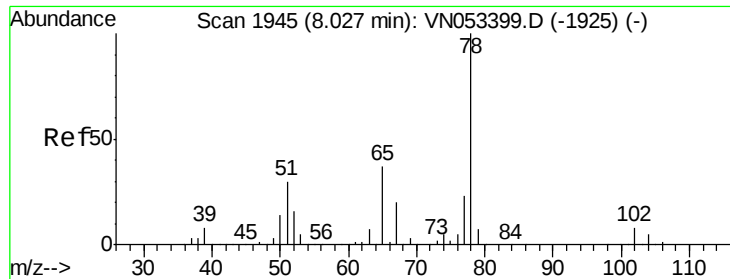
Tot Ion: 42 Resp: 974
Ion Ratio Lower Upper
42 100
72 32.4 35.6 53.4#
71 26.1 33.8 50.8#



#31
Cyclohexane
Concen: 0.766 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

Tgt Ion: 56 Resp: 16620
Ion Ratio Lower Upper
56 100
69 180.3 26.7 40.1#
84 153.0 68.2 102.4#

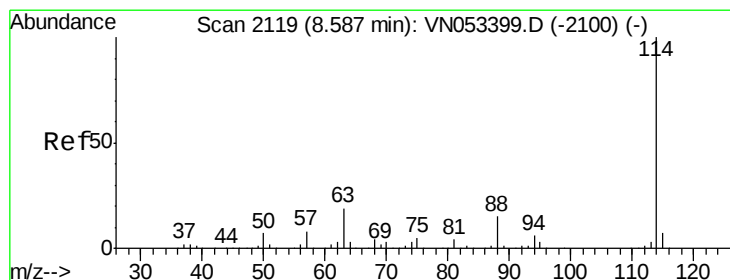
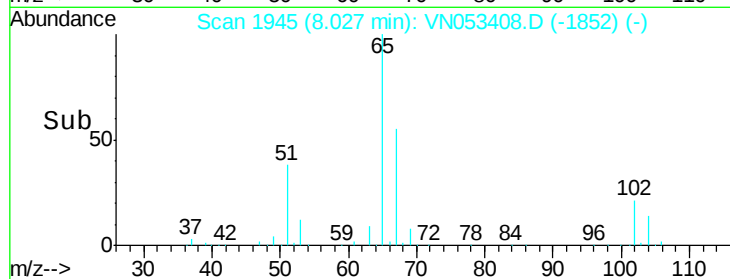
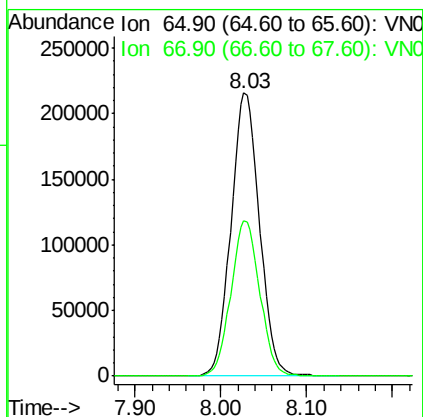
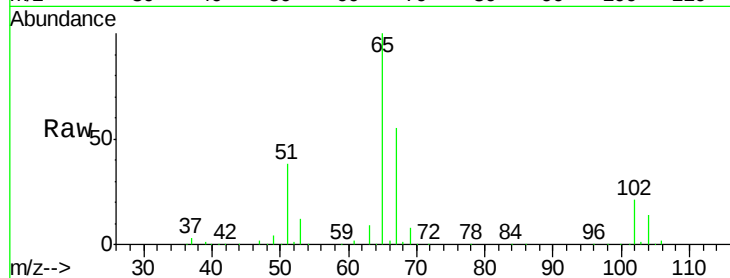




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053408.D
 Acq: 15 Jan 2019 15:21

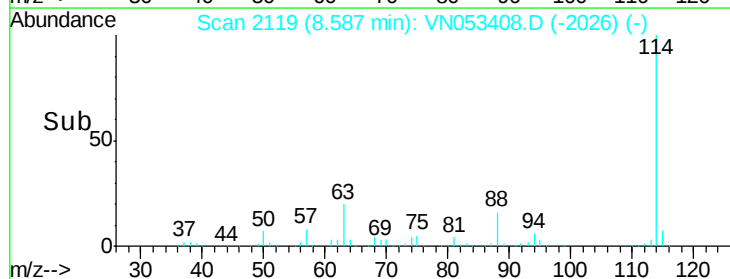
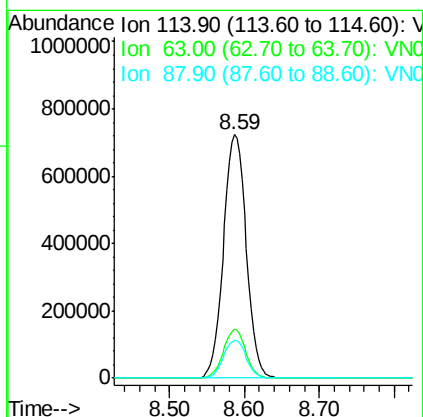
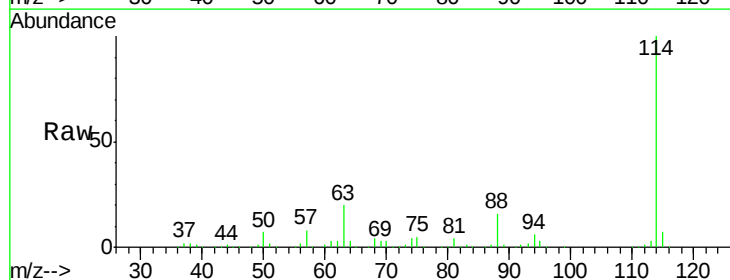
Instrument :
 MSVOA_N
 ClientSampleId :
 S-7

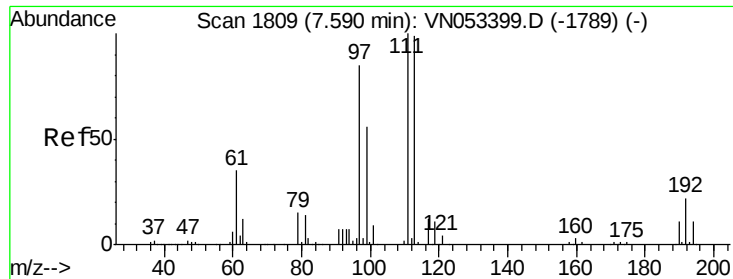
Tot Ion: 65 Resp: 495854
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053408.D
 Acq: 15 Jan 2019 15:21

Tgt Ion: 114 Resp: 1518714
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.5 0.0 30.8

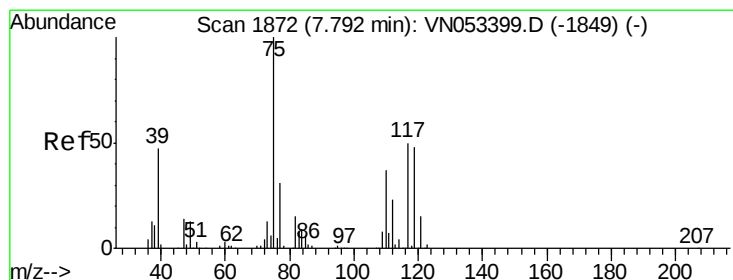
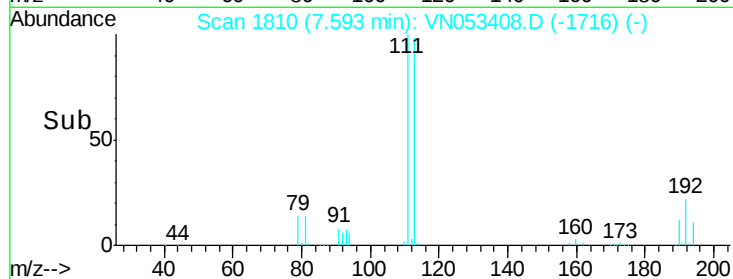
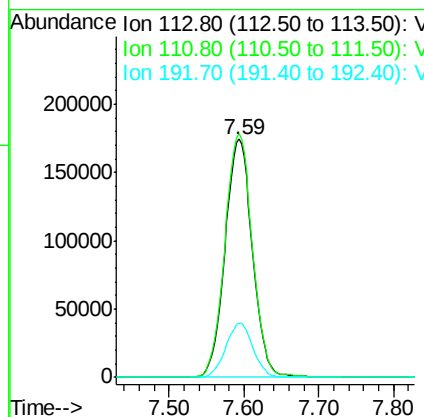
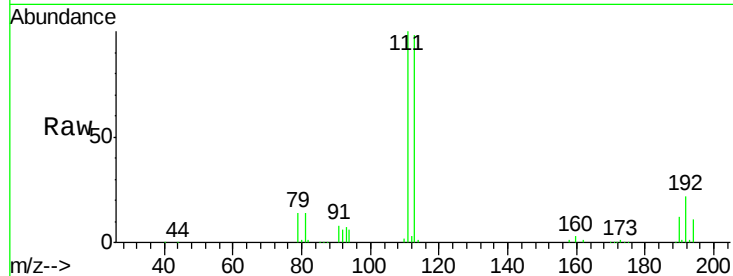




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053408.D
 Acq: 15 Jan 2019 15:21

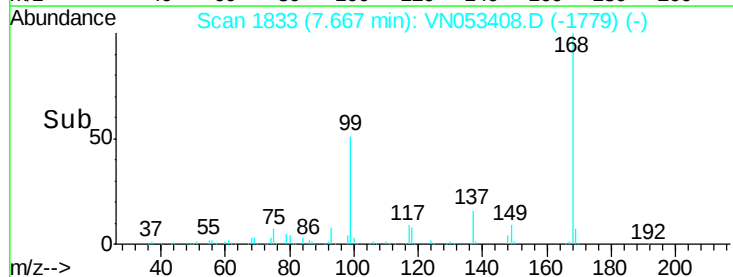
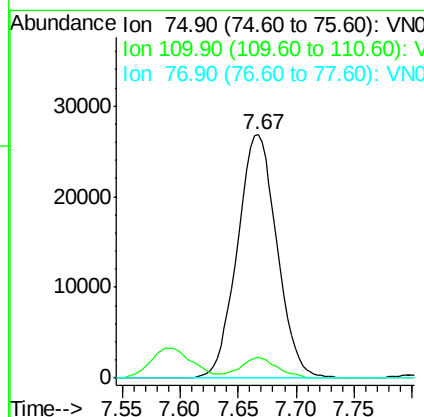
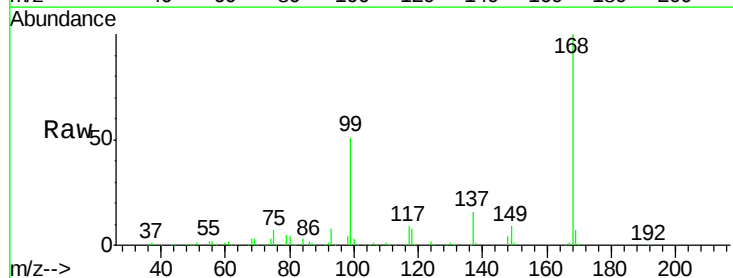
Instrument :
 MSVOA_N
 ClientSampleId :
 S-7

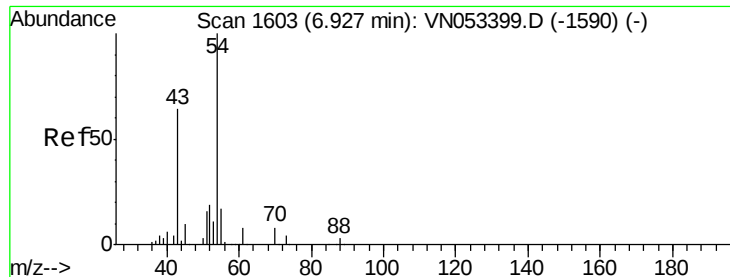
Tot Ion:113 Resp: 441376
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.2
 192 22.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 4.605 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053408.D
 Acq: 15 Jan 2019 15:21

Tgt Ion: 75 Resp: 63690
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.4 55.0#
 77 0.0 25.3 37.9#

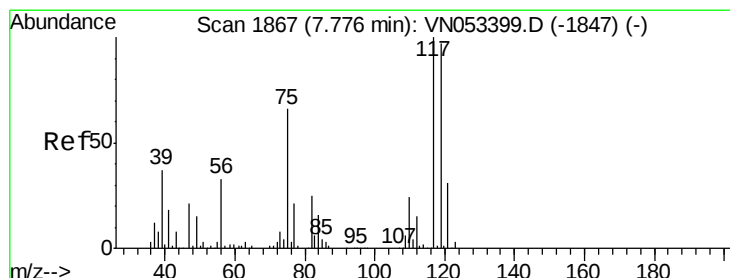
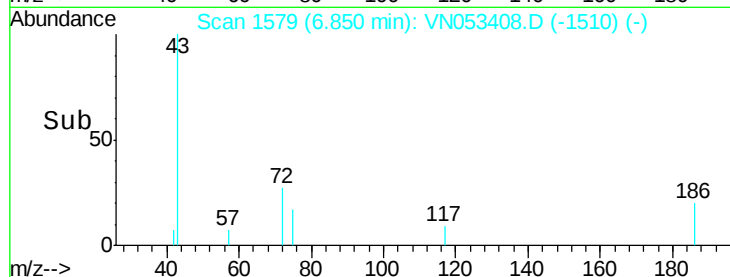
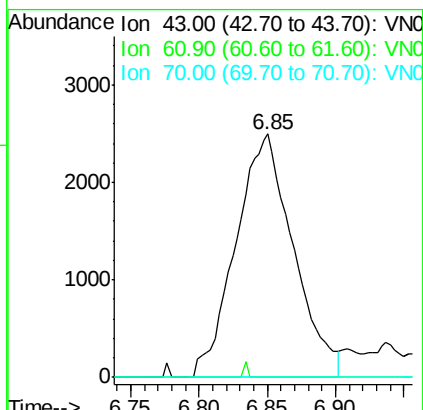
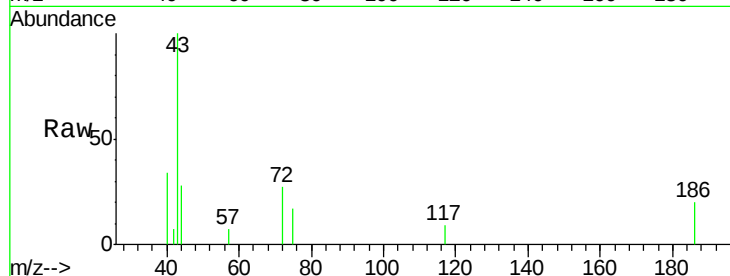




#37
Ethyl Acetate
Concen: 0.911 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. -0.08 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

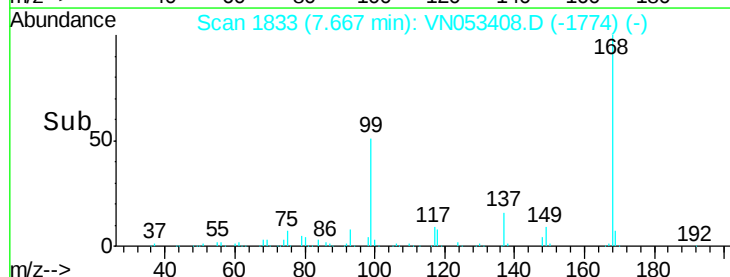
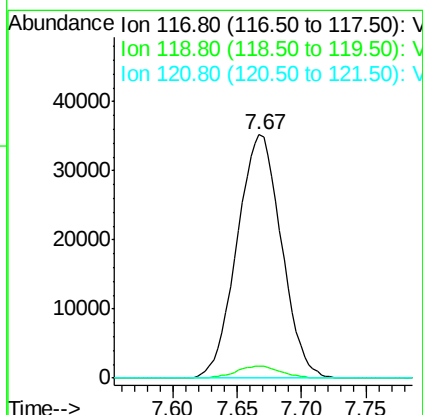
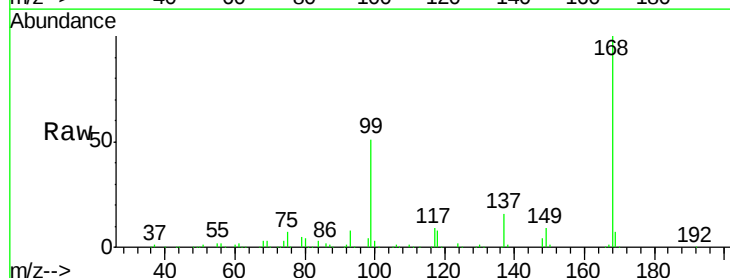
Instrument :
MSVOA_N
ClientSampleId :
S-7

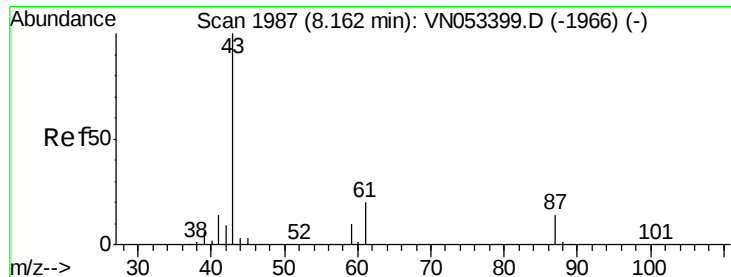
Tot Ion: 43 Resp: 7307
Ion Ratio Lower Upper
43 100
61 0.4 11.9 17.9#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 6.431 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

Tgt Ion: 117 Resp: 84210
Ion Ratio Lower Upper
117 100
119 5.1 76.6 115.0#
121 0.0 25.0 37.4#





#43

Isopropyl Acetate

Concen: 3.245 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

S-7

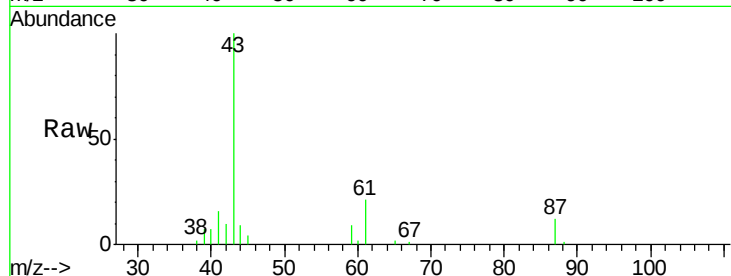
Tot Ion: 43 Resp: 48487

Ion Ratio Lower Upper

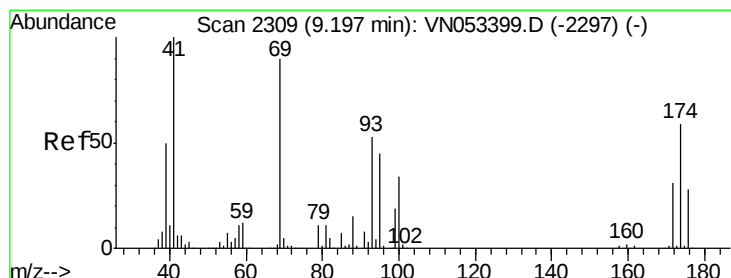
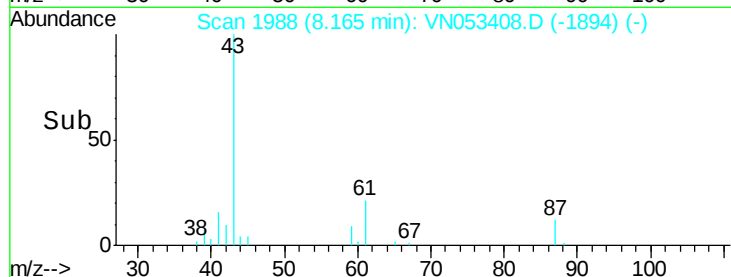
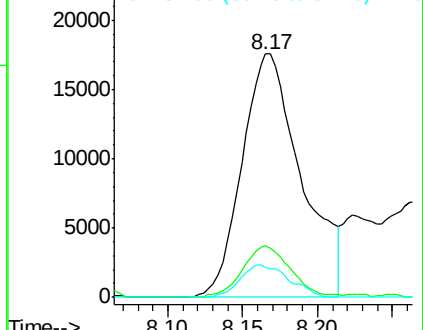
43 100

61 17.1 23.3 34.9#

87 10.9 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 2.367 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

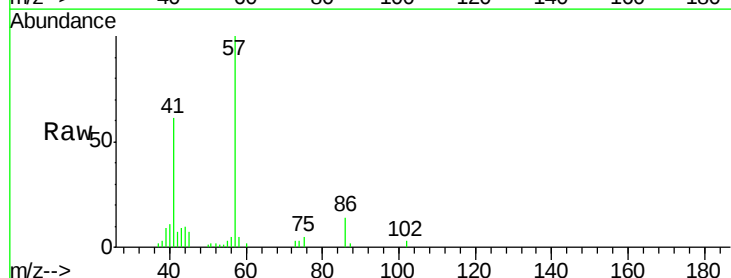
Tgt Ion: 41 Resp: 17487

Ion Ratio Lower Upper

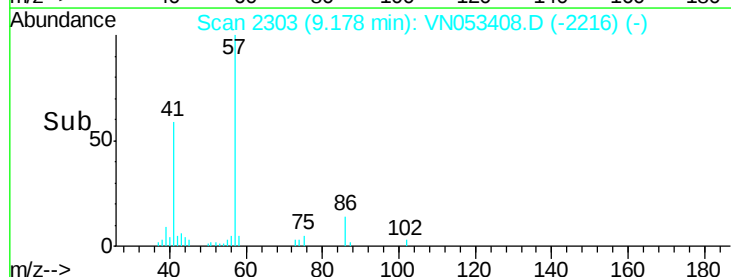
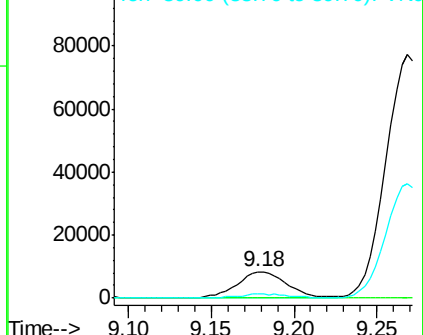
41 100

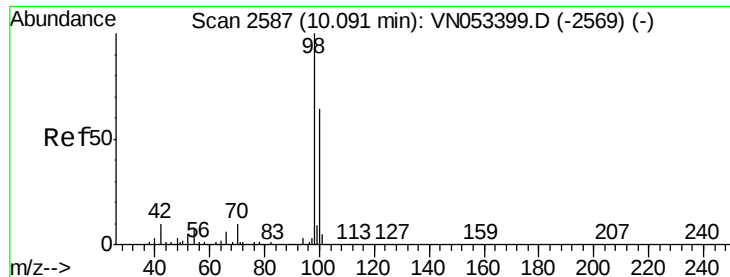
69 0.0 73.5 110.3#

39 16.4 41.6 62.4#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

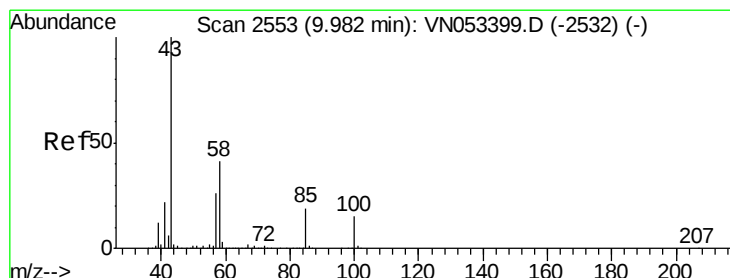
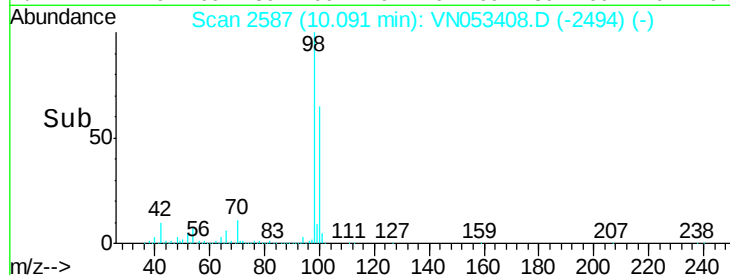
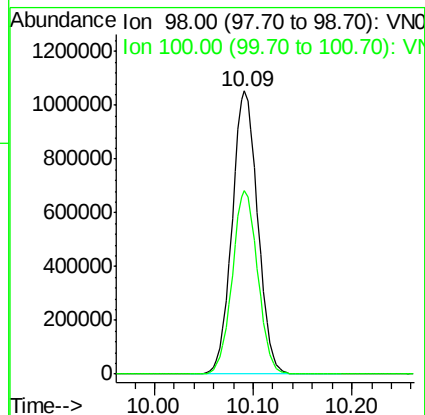
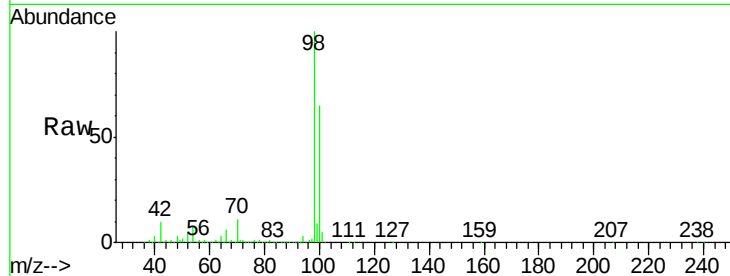
S-7

Tot Ion: 98 Resp: 1909623

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.741 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN053408.D

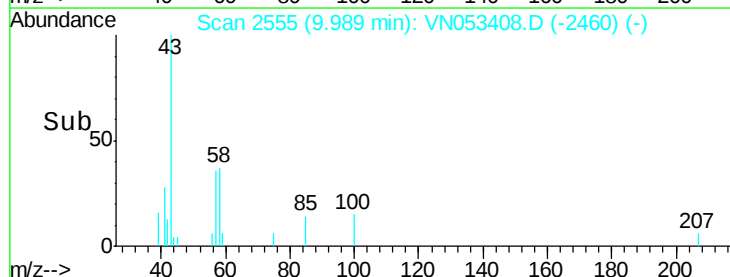
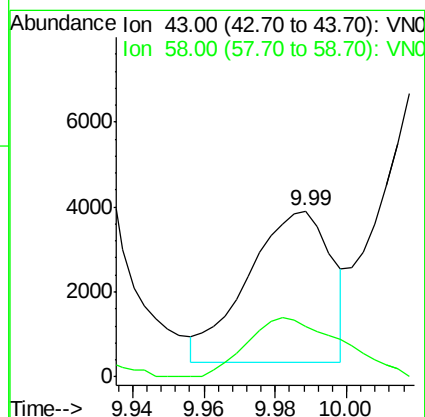
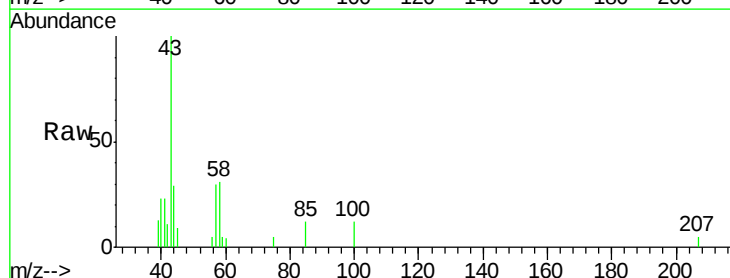
Acq: 15 Jan 2019 15:21

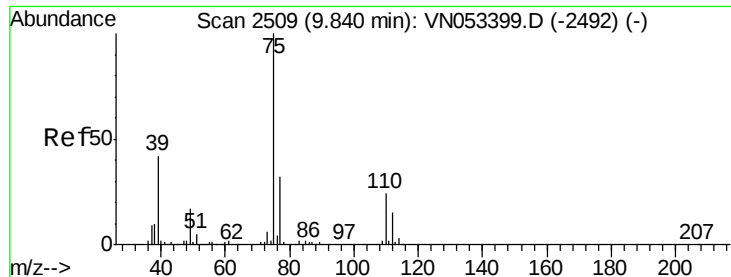
Tgt Ion: 43 Resp: 5784

Ion Ratio Lower Upper

43 100

58 44.5 32.7 49.1





#54

cis-1,3-Dichloropropene

Concen: 5.598 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

S-7

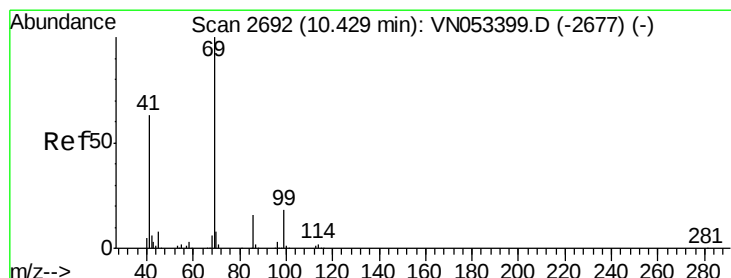
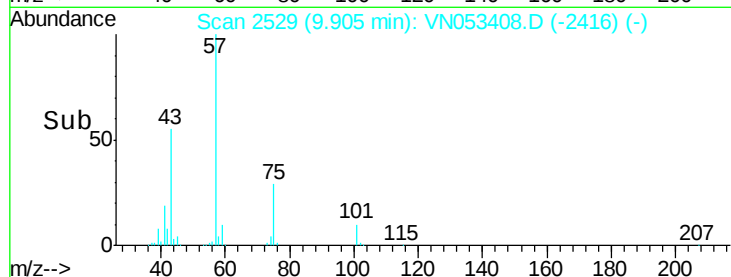
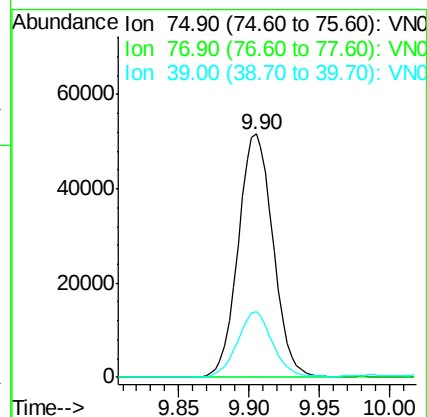
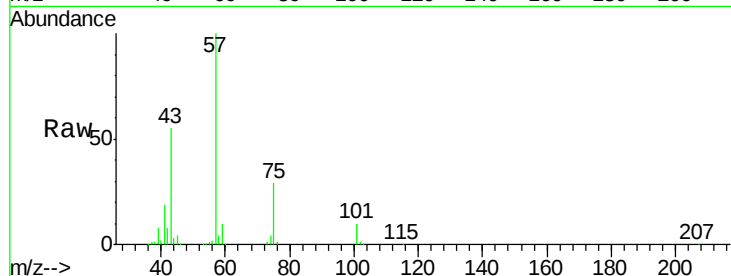
Tot Ion: 75 Resp: 89470

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 27.2 33.1 49.7#



#56

Ethyl methacrylate

Concen: 2.132 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.12 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

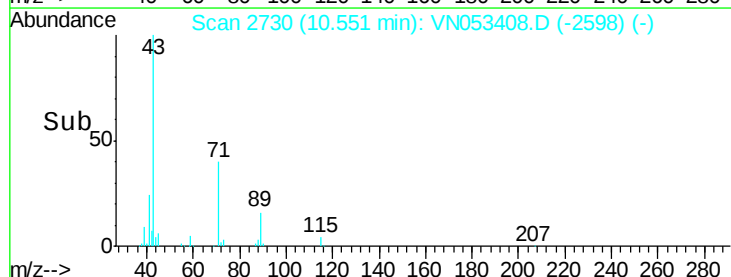
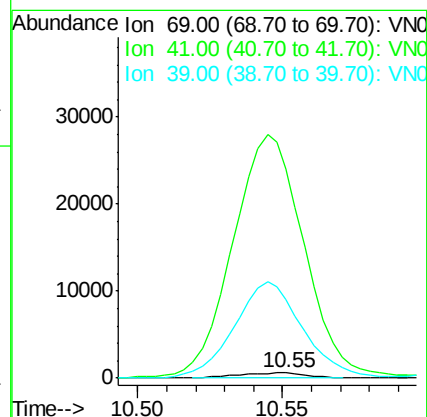
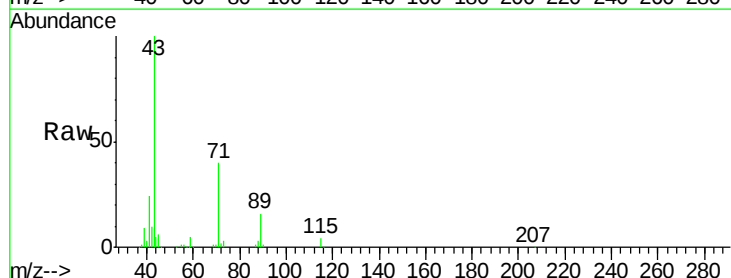
Tgt Ion: 69 Resp: 984

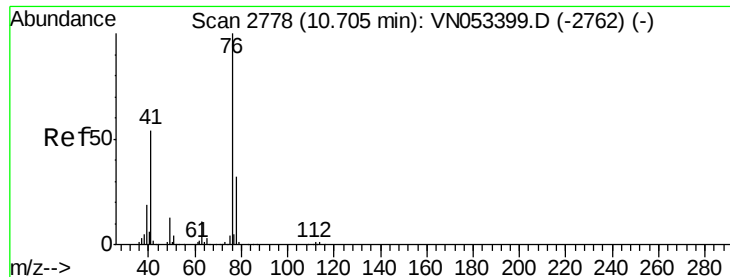
Ion Ratio Lower Upper

69 100

41 4885.6 49.2 73.8#

39 1855.1 23.4 35.0#

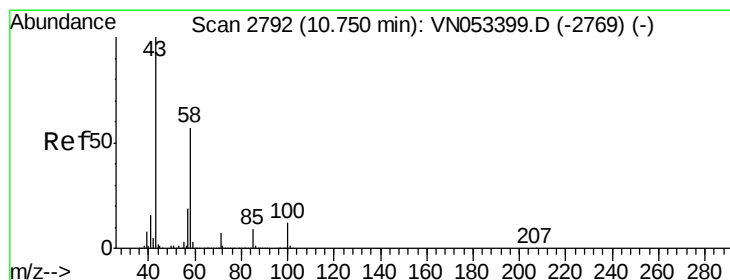
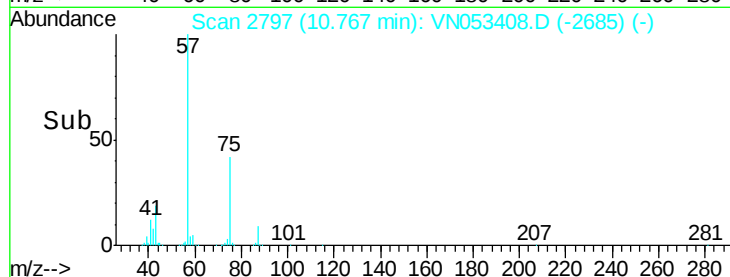
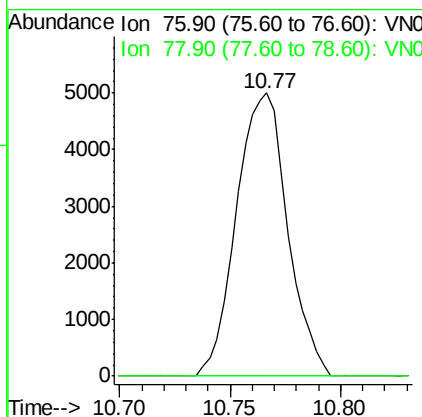
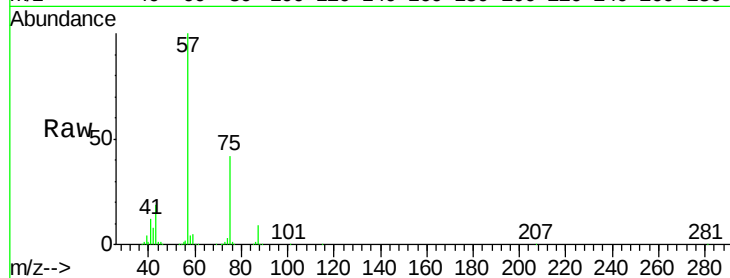




#57
 1,3-Dichloropropane
 Concen: 0.516 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN053408.D
 Acq: 15 Jan 2019 15:21

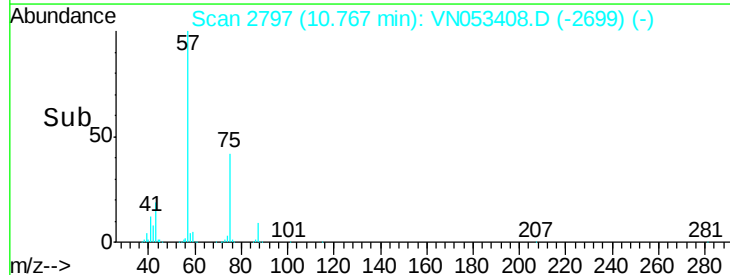
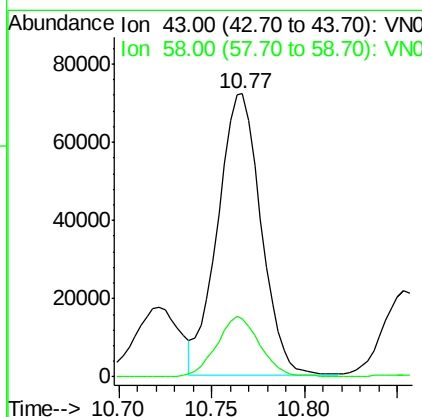
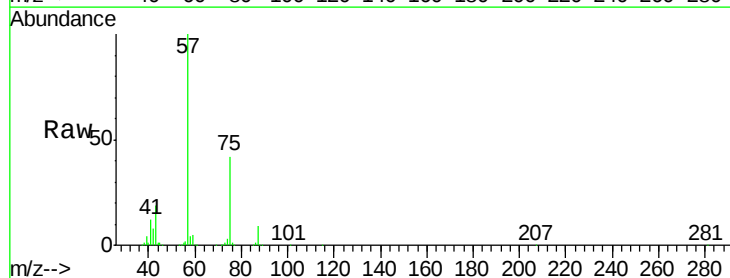
Instrument :
 MSVOA_N
 ClientSampled :
 S-7

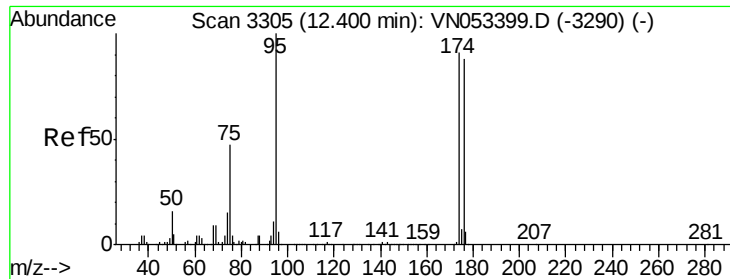
Tot Ion: 76 Resp: 8037
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 21.385 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.02 min
 Lab File: VN053408.D
 Acq: 15 Jan 2019 15:21

Tgt Ion: 43 Resp: 117260
 Ion Ratio Lower Upper
 43 100
 58 21.4 28.3 85.0#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

S-7

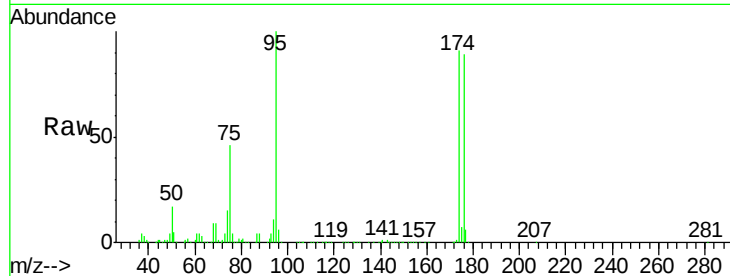
Tot Ion: 95 Resp: 679459

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.4

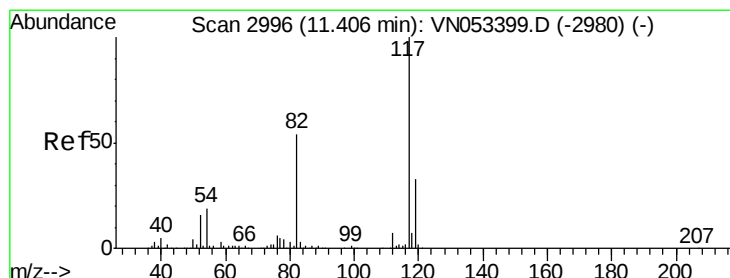
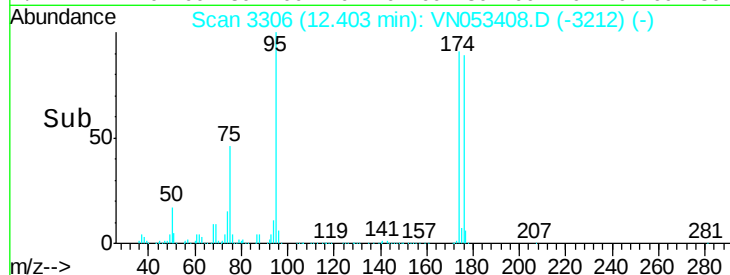
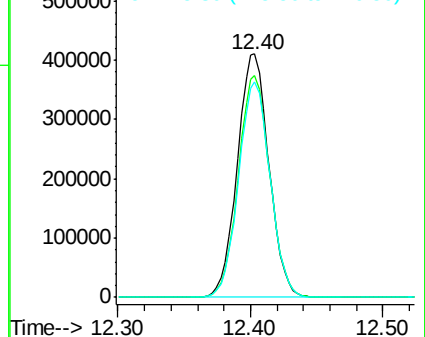
176 88.4 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

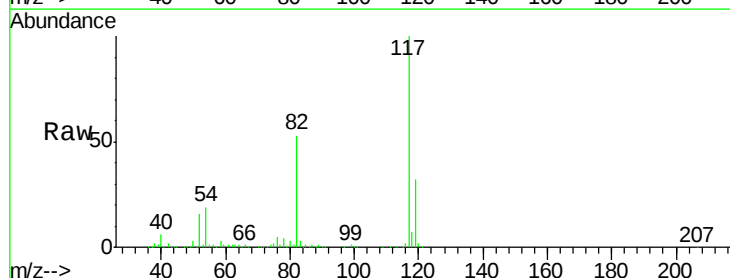
Tgt Ion: 117 Resp: 1456080

Ion Ratio Lower Upper

117 100

82 53.3 42.9 64.3

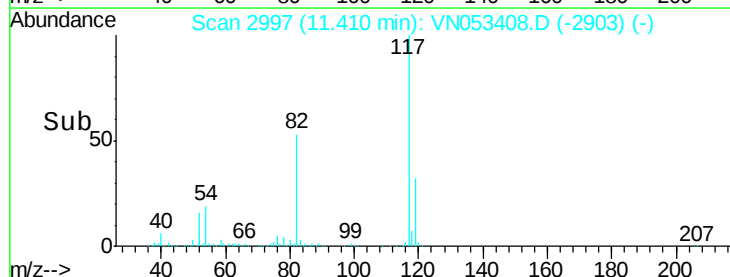
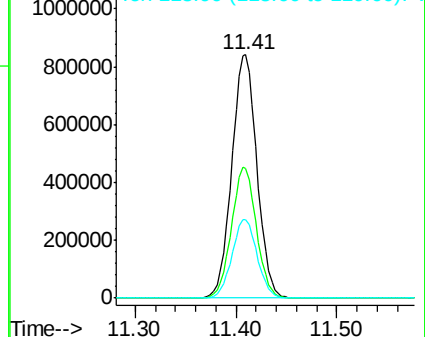
119 32.4 25.6 38.4

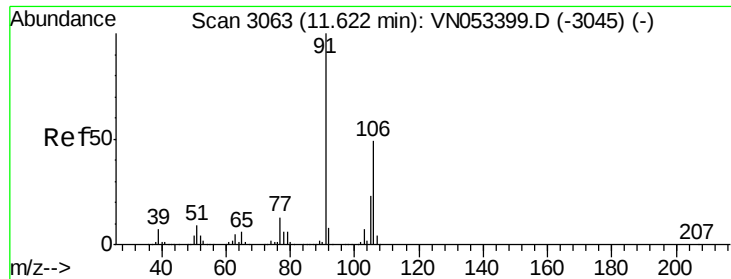


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

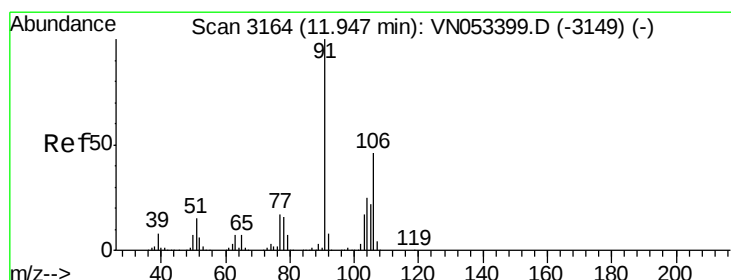
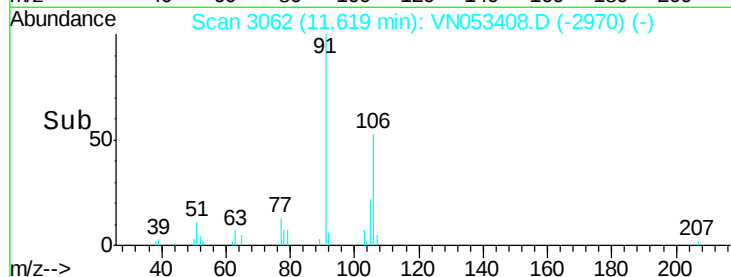
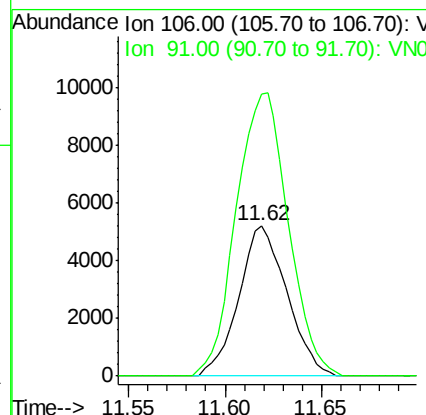
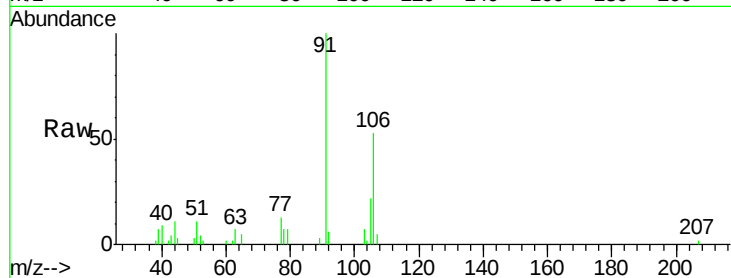




#68
m/p-Xylenes
Concen: 0.454 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

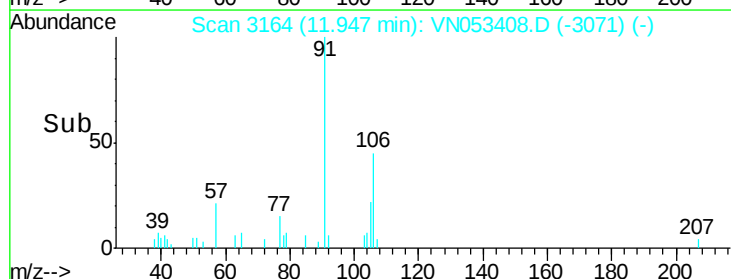
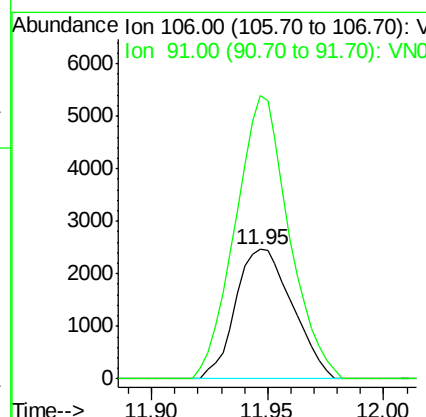
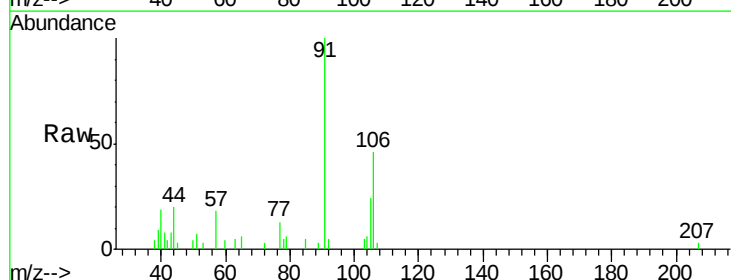
Instrument :
MSVOA_N
ClientSampled :
S-7

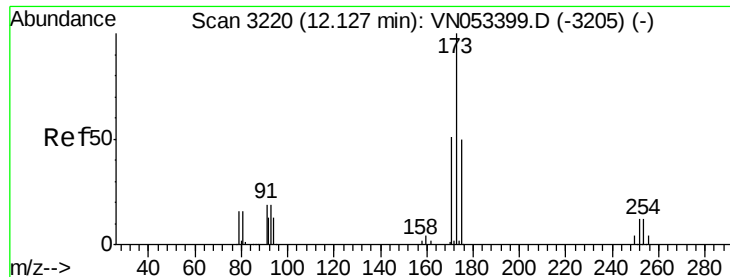
Tot Ion:106 Resp: 9006
Ion Ratio Lower Upper
106 100
91 203.3 161.4 242.2



#69
o-Xylene
Concen: 0.217 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

Tgt Ion:106 Resp: 4180
Ion Ratio Lower Upper
106 100
91 207.1 106.8 320.4

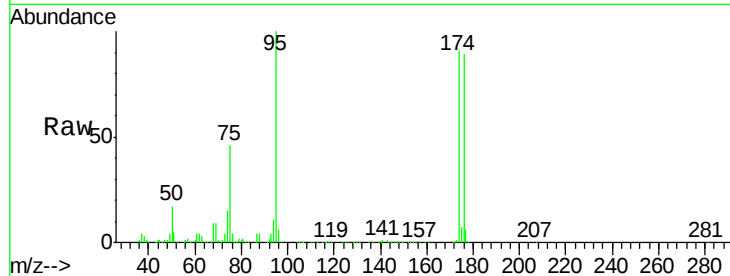




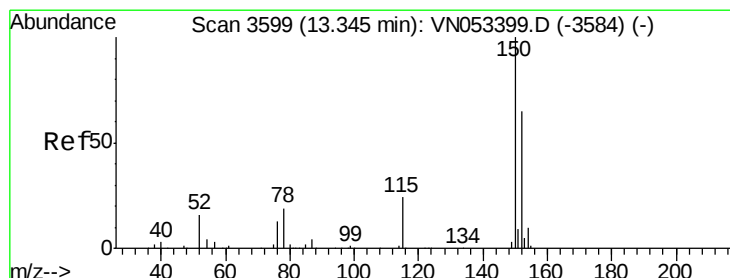
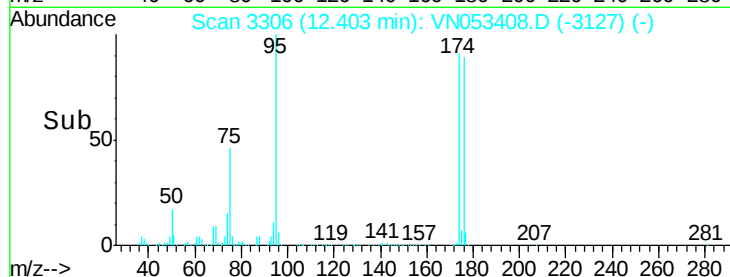
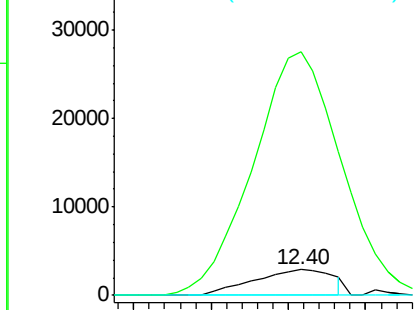
#71
Bromoform
Concen: 0.563 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

Instrument :
MSVOA_N
ClientSampled :
S-7

Tot Ion:173 Resp: 4156
Ion Ratio Lower Upper
173 100
175 915.4 24.3 72.8#
254 0.0 0.2 0.2#

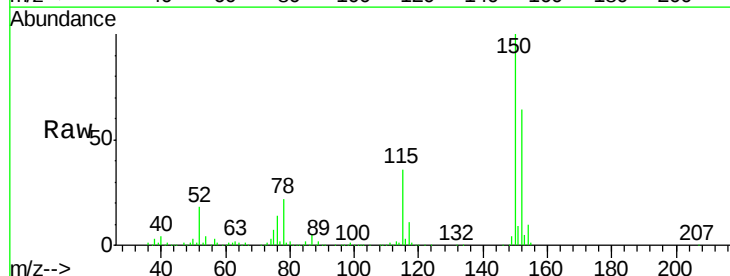


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

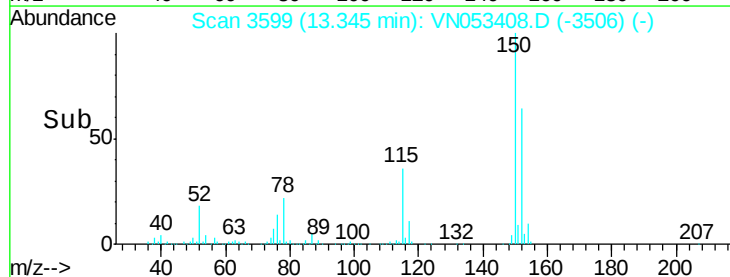
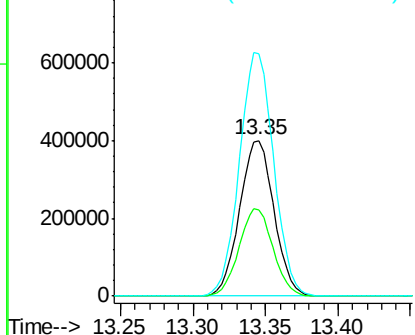


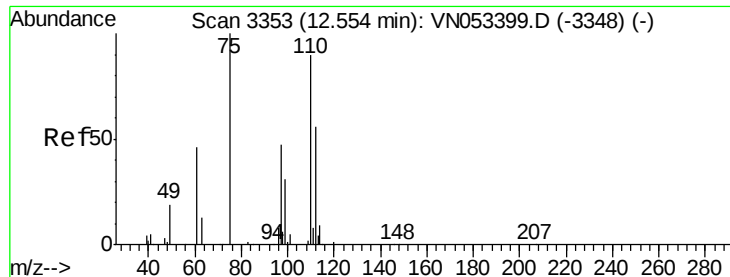
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053408.D
Acq: 15 Jan 2019 15:21

Tgt Ion:152 Resp: 658316
Ion Ratio Lower Upper
152 100
115 55.7 28.0 84.0
150 156.6 0.0 346.6



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: 38.239 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

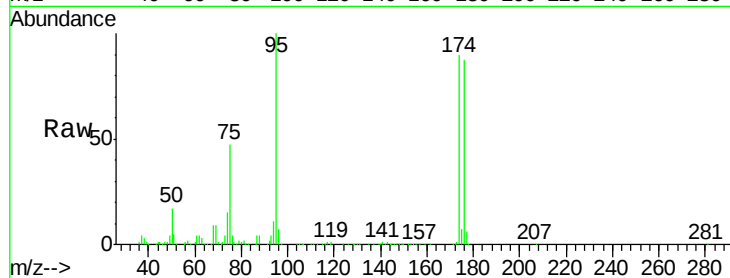
S-7

Tot Ion: 75 Resp: 316945

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

200000

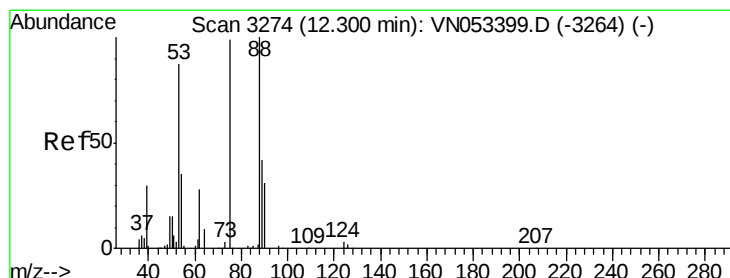
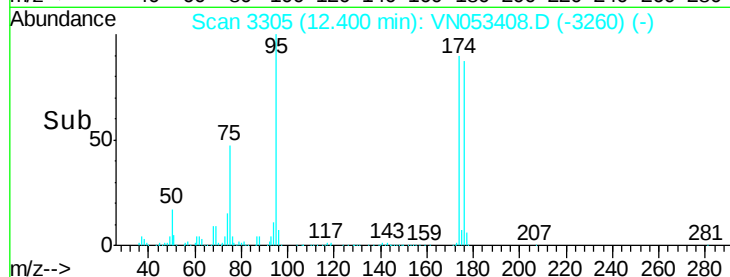
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 90.307 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

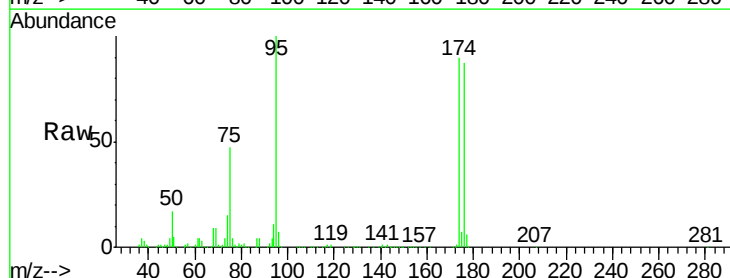
Tgt Ion: 75 Resp: 316945

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 35.4 53.0#



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

12.40

250000

200000

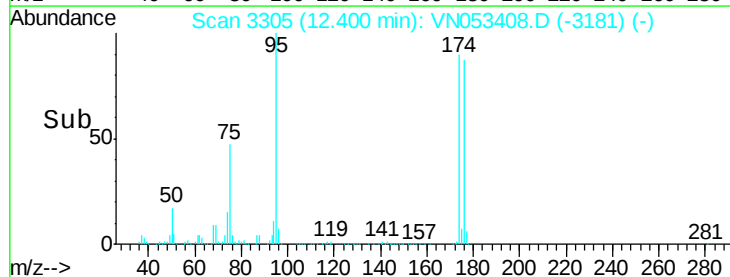
150000

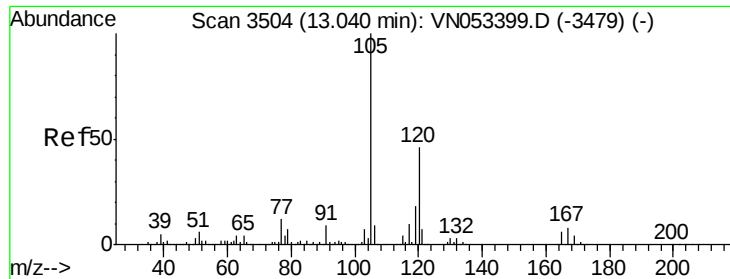
100000

50000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.519 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

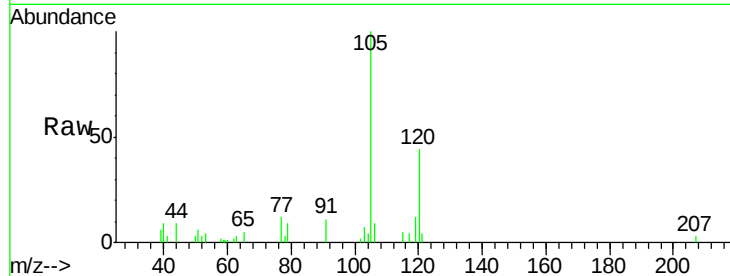
S-7

Tot Ion:105 Resp: 20539

Ion Ratio Lower Upper

105 100

120 44.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

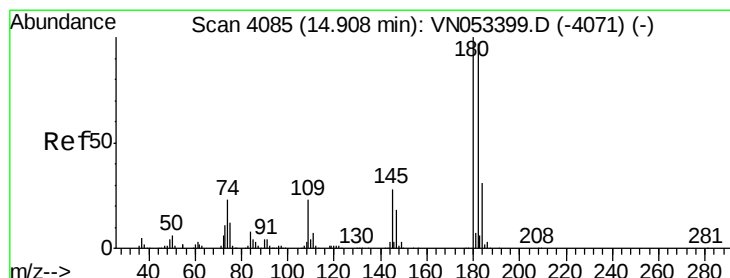
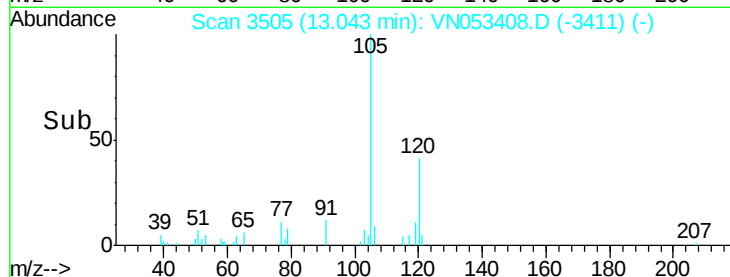
13.04

10000

5000

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.880 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

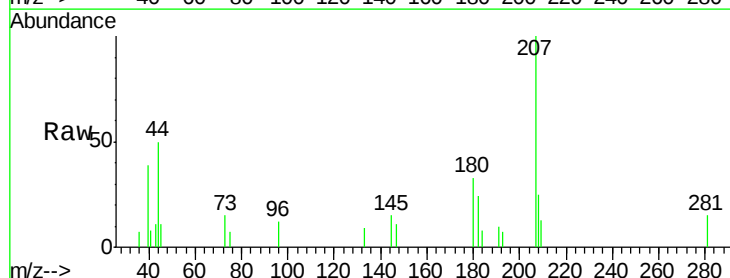
Tgt Ion:180 Resp: 1095

Ion Ratio Lower Upper

180 100

182 111.7 47.8 143.4

145 35.4 14.4 43.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

14.90

1200

1000

800

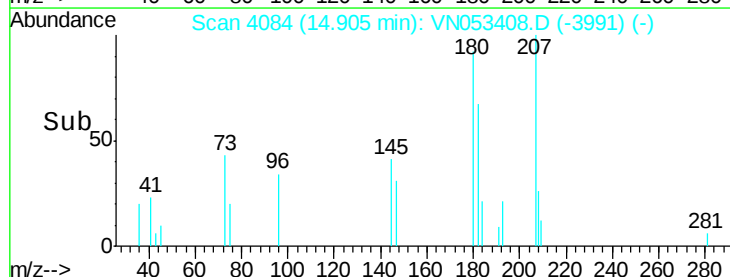
600

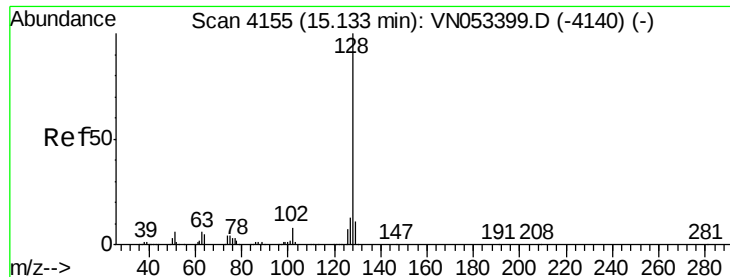
400

200

0

Time-->





#95

Naphthalene

Concen: 4.583 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

S-7

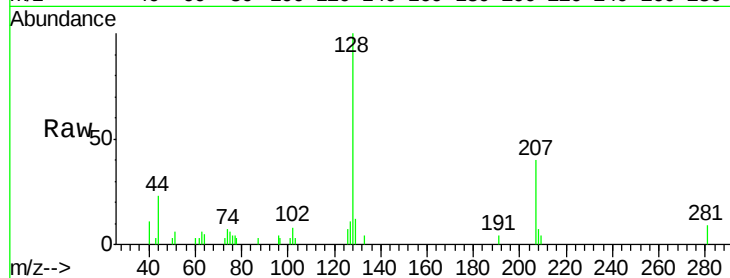
Tot Ion:128 Resp: 11122

Ion Ratio Lower Upper

128 100

127 10.6 10.4 15.6

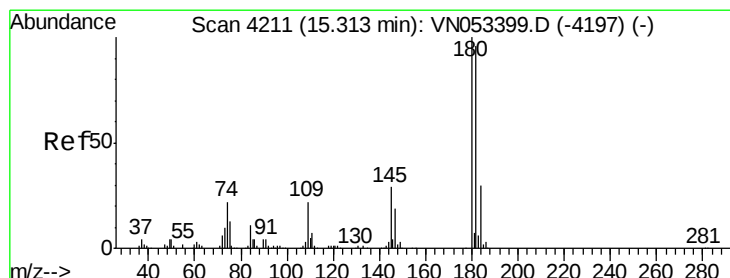
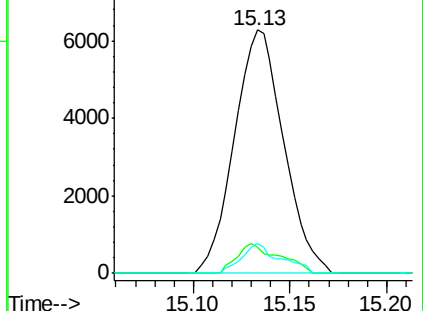
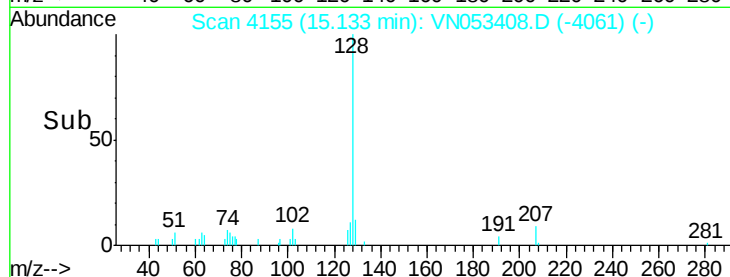
129 9.5 8.7 13.1



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: 4.052 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053408.D

Acq: 15 Jan 2019 15:21

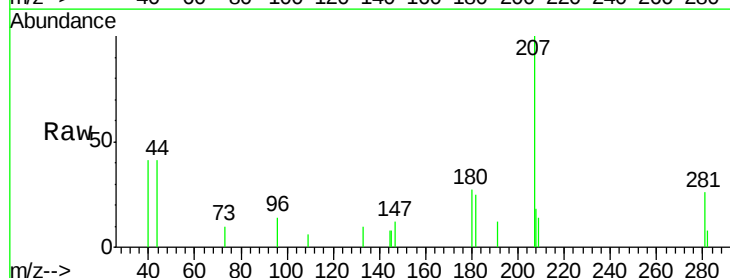
Tgt Ion:180 Resp: 1068

Ion Ratio Lower Upper

180 100

182 105.2 48.4 145.0

145 24.9 14.9 44.5



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

