

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055311.D
 Acq On : 30 Apr 2019 16:27
 Operator : JC/SP
 Sample : K2194-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:20:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	353452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	609243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	574439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	251745	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
35) Dibromofluoromethane	7.59	113	201579	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.09	98	765738	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.40	95	243800	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.78	59	175	0.661	ug/l #	73
16) Acetone	3.82	43	23298	16.171	ug/l	95
17) Carbon Disulfide	4.05	76	2903	0.319	ug/l #	76
18) Methyl Acetate	4.33	43	7151	1.023	ug/l #	76
20) Methylene Chloride	4.55	84	29080	6.613	ug/l	97
25) 2-Butanone	6.86	43	2986	1.621	ug/l #	53
29) Tetrahydrofuran	7.22	42	1084	0.919	ug/l	91
31) Cyclohexane	7.67	56	8046	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	27178	4.657	ug/l #	50
38) Carbon Tetrachloride	7.67	117	34482	6.125	ug/l #	16
41) Methacrylonitrile	7.20	41	190	0.817	ug/l #	23
43) Isopropyl Acetate	8.17	43	22256	3.096	ug/l #	81
45) 1,2-Dichloropropane	9.27	63	1751	0.353	ug/l #	45
48) Methyl methacrylate	9.18	41	8849	2.504	ug/l #	35
49) 1,4-Dioxane	9.25	88	65	1.780	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	4970	1.228	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	57560	9.140	ug/l #	67
56) Ethyl methacrylate	10.54	69	1171	0.260	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	11047	1.718	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	247	12.573	ug/l #	52
59) 2-Hexanone	10.76	43	177727	70.193	ug/l #	54
73) Isopropylbenzene	12.25	105	203	Below Cal	#	49
74) N-amyl acetate	11.88	43	17569	4.095	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.41	83	29	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	127838	40.673	ug/l #	100
77) Bromobenzene	12.53	156	137	Below Cal	#	1
79) 2-Chlorotoluene	12.69	91	111	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	4236	0.323	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	127838	144.922	ug/l #	7
83) tert-Butylbenzene	13.04	119	457	Below Cal	#	49
84) 1,2,4-Trimethylbenzene	13.04	105	4655	0.397	ug/l	90
90) Hexachloroethane	13.94	117	258	Below Cal	#	7
95) Naphthalene	15.13	128	4068	4.145	ug/l #	88

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

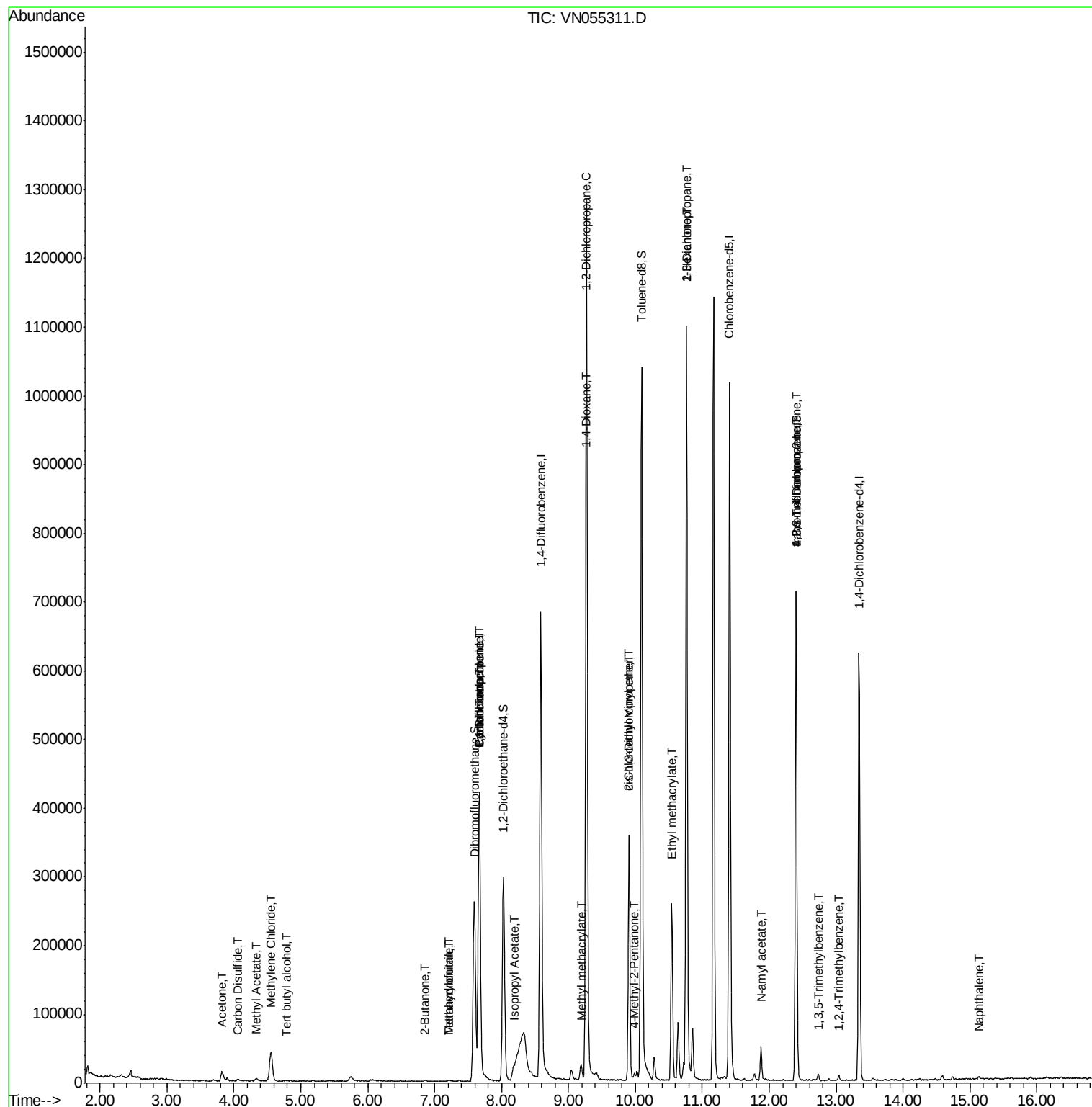
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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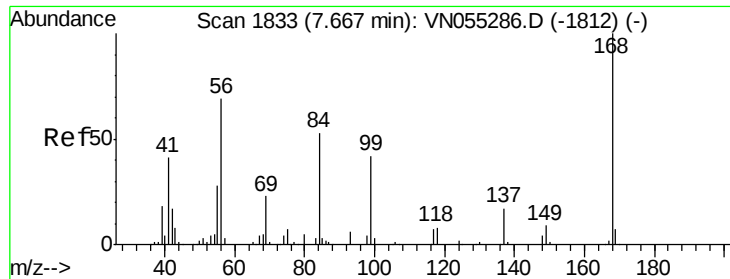
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN043019\
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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: VN055311.D

Acq: 30 Apr 2019 16:27

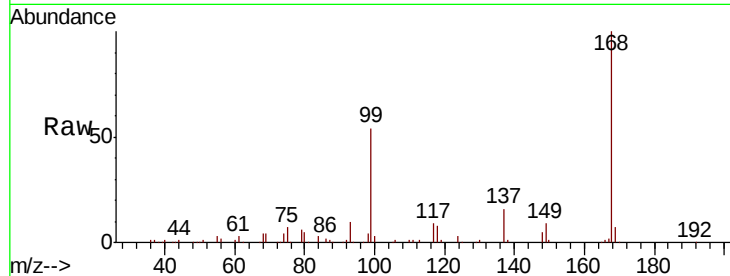
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 353452

Ion Ratio Lower Upper

168 100

99 54.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

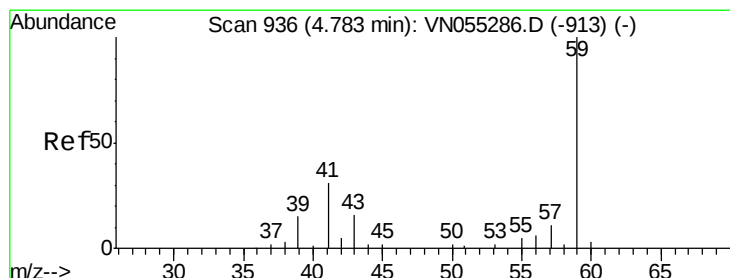
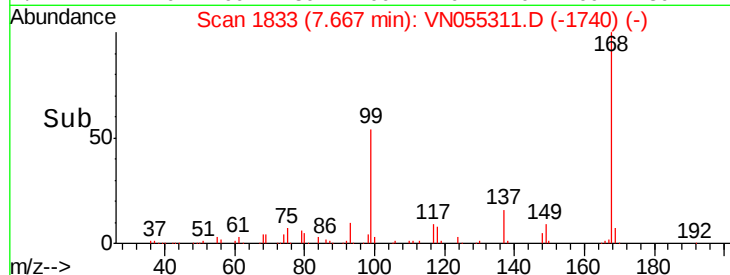
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.661 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN055311.D

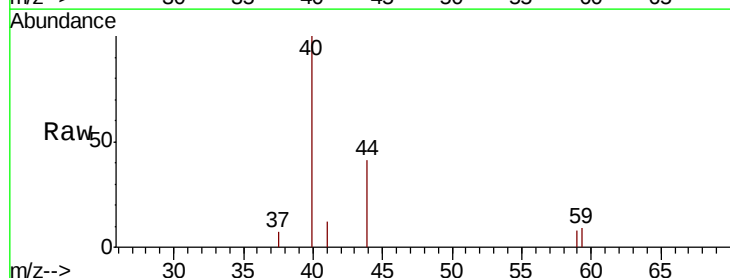
Acq: 30 Apr 2019 16:27

Tgt Ion: 59 Resp: 175

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.78

400

300

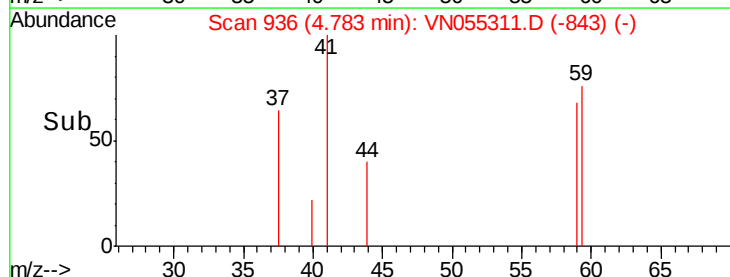
200

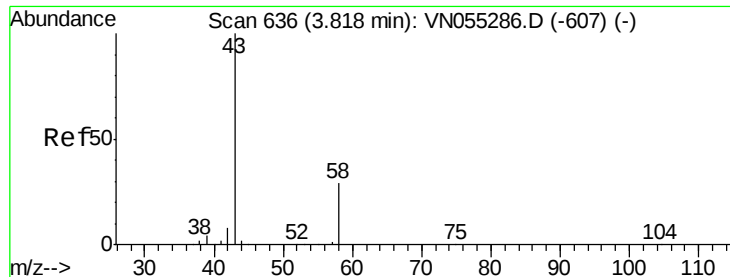
100

0

4.78 4.79

Time-->





#16

Acetone

Concen: 16.171 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

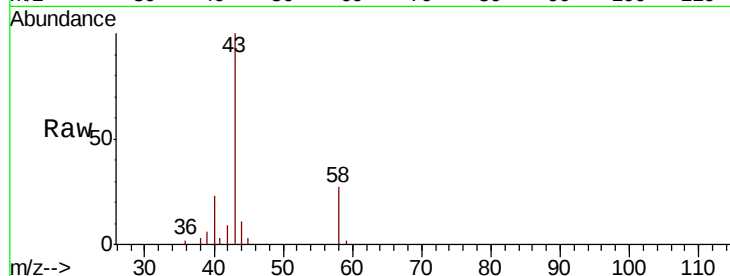
ClientSampleId :

Tot Ion: 43 Resp: 23298

Ion Ratio Lower Upper

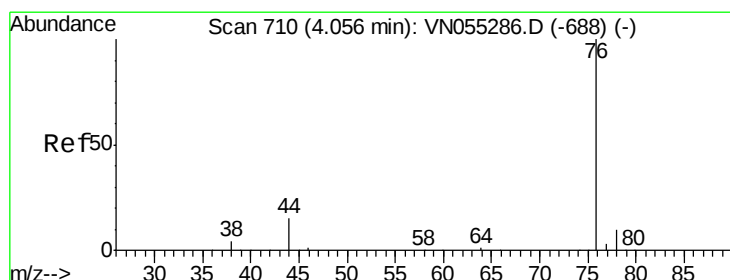
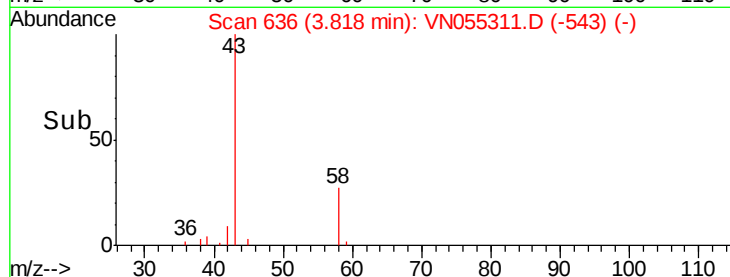
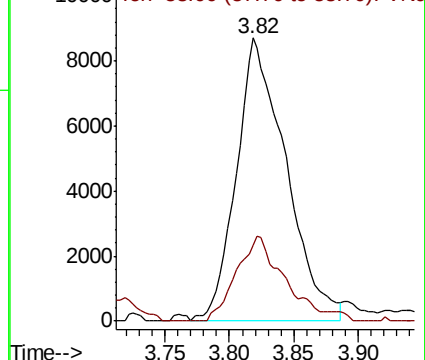
43 100

58 27.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055311.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055311.D (-543) (-)



#17

Carbon Disulfide

Concen: 0.319 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055311.D

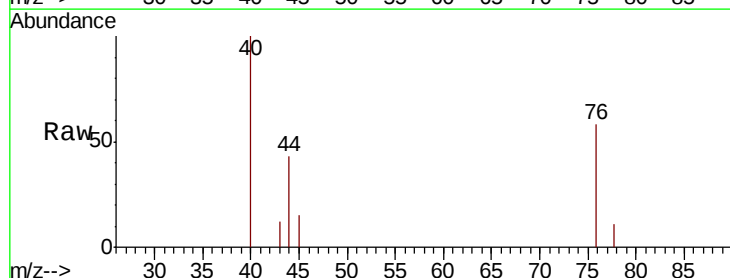
Acq: 30 Apr 2019 16:27

Tgt Ion: 76 Resp: 2903

Ion Ratio Lower Upper

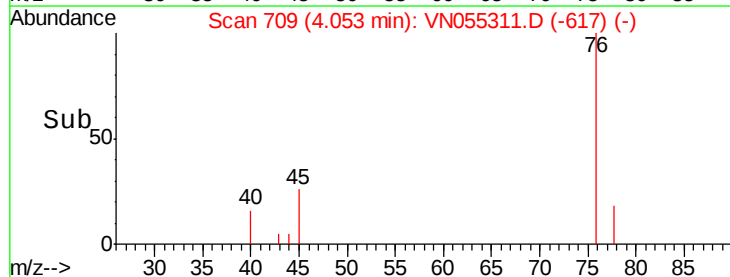
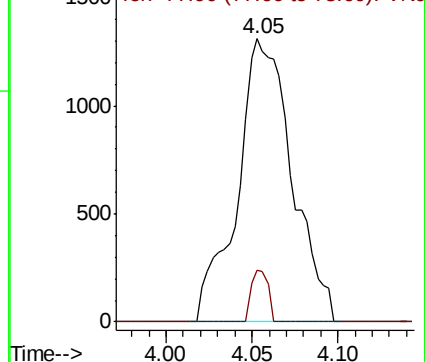
76 100

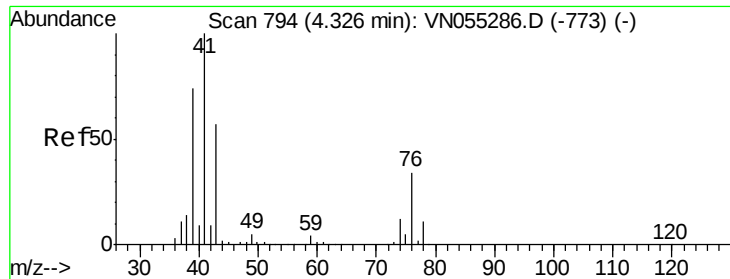
78 18.4 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN055311.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN055311.D (-617) (-)

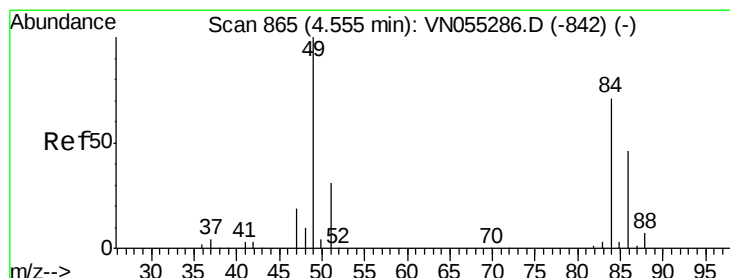
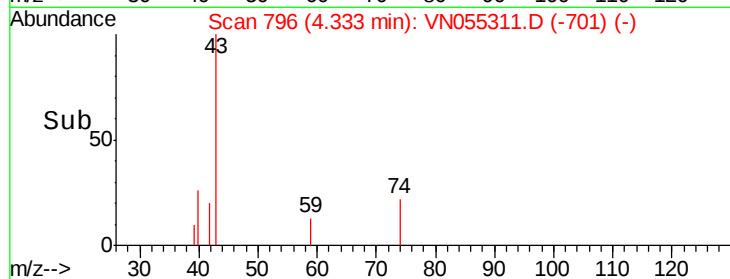
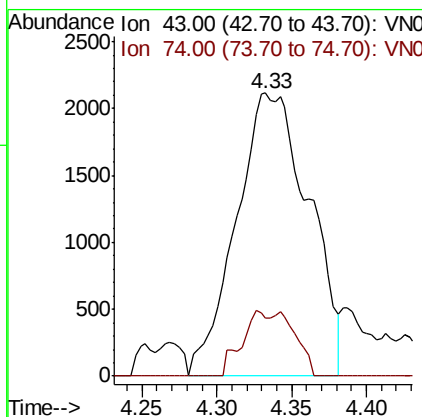
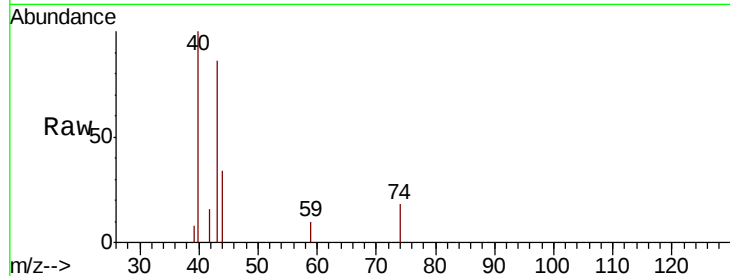




#18
Methyl Acetate
Concen: 1.023 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

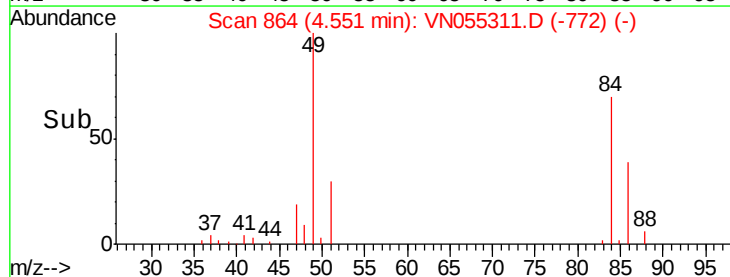
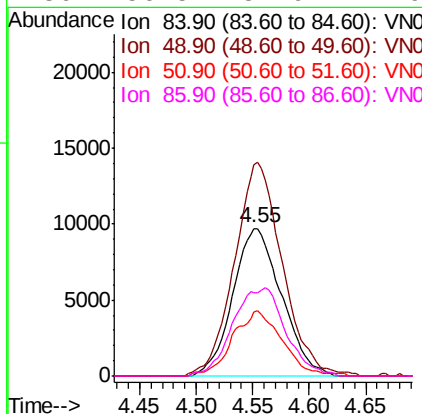
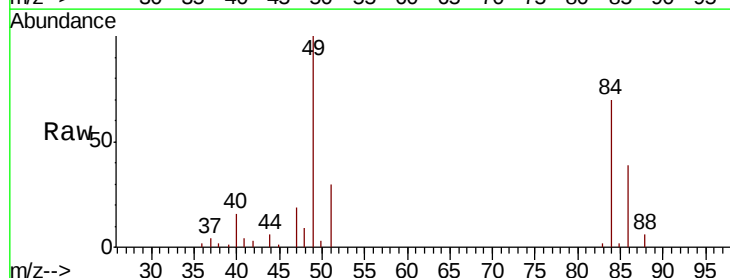
Instrument :
MSVOA_N
ClientSampled :

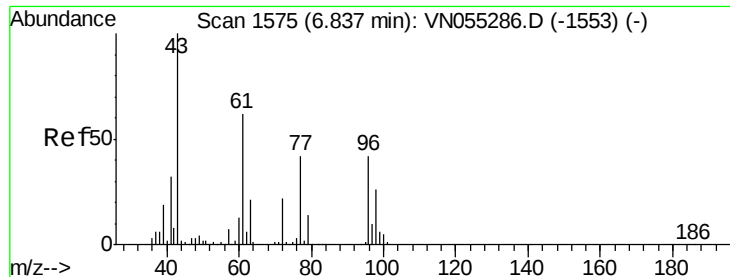
Tot Ion: 43 Resp: 7151
Ion Ratio Lower Upper
43 100
74 9.0 15.8 23.8#



#20
Methylene Chloride
Concen: 6.613 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 84 Resp: 29080
Ion Ratio Lower Upper
84 100
49 141.5 112.4 168.6
51 43.3 34.6 51.8
86 56.5 51.9 77.9





#25

2-Butanone

Concen: 1.621 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

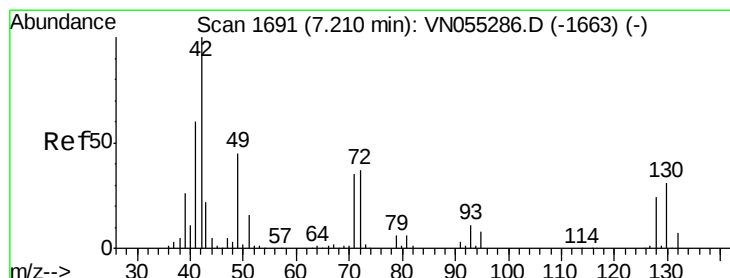
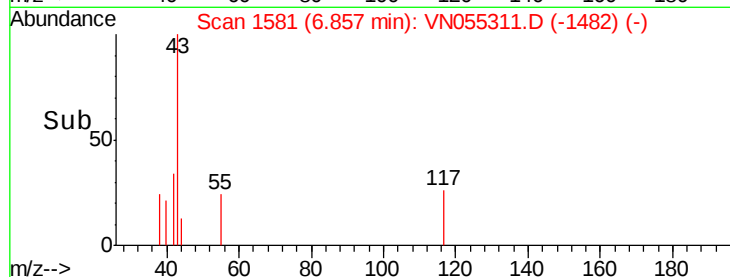
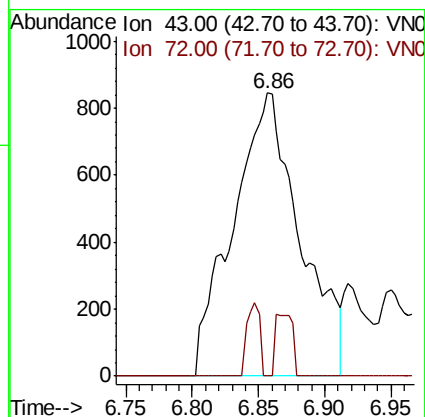
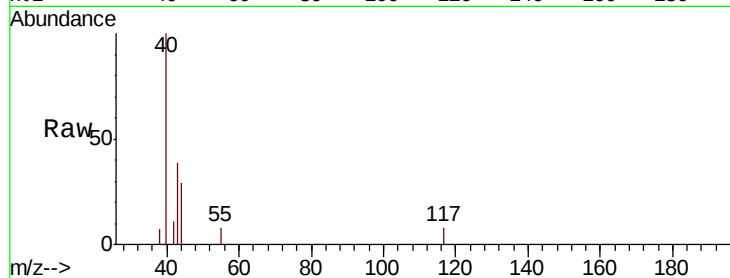
ClientSampled :

Tot Ion: 43 Resp: 2986

Ion Ratio Lower Upper

43 100

72 0.0 18.0 27.0#



#29

Tetrahydrofuran

Concen: 0.919 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

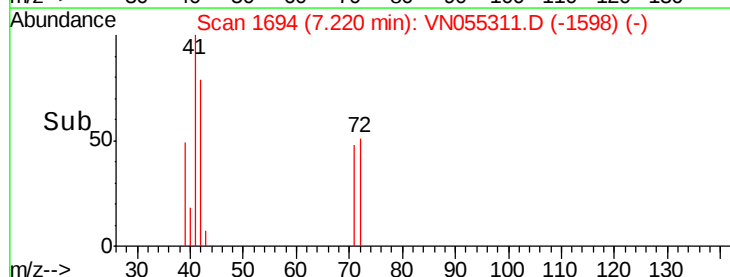
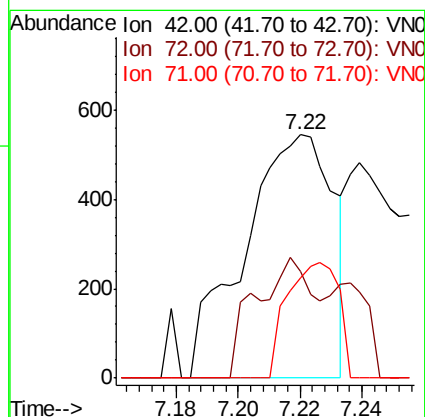
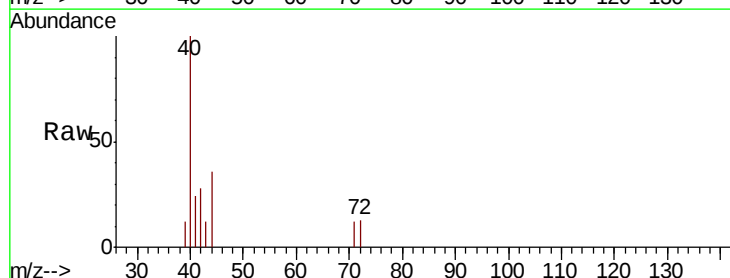
Tgt Ion: 42 Resp: 1084

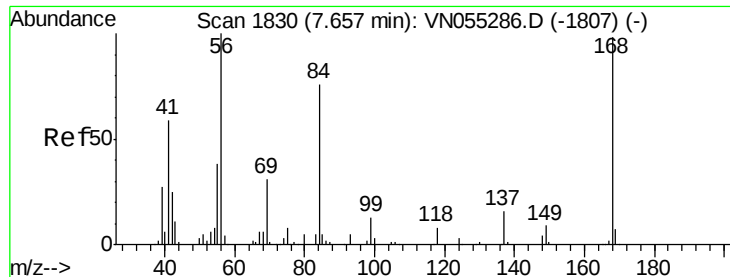
Ion Ratio Lower Upper

42 100

72 32.0 29.0 43.6

71 27.2 27.1 40.7

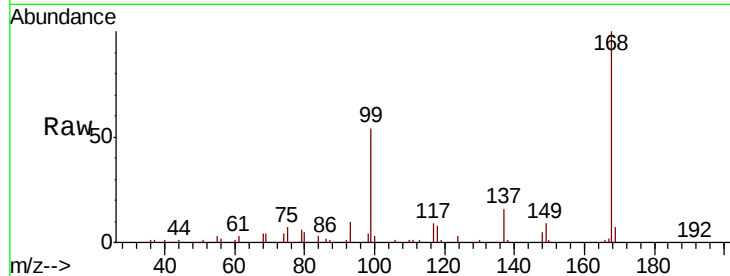




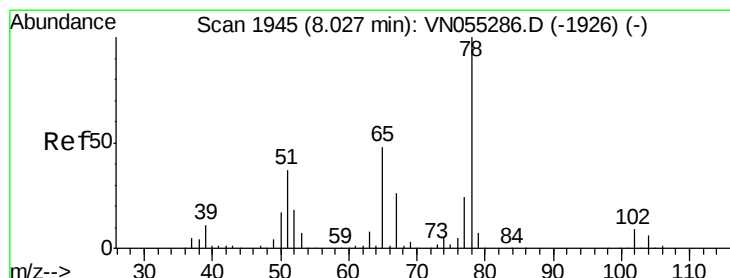
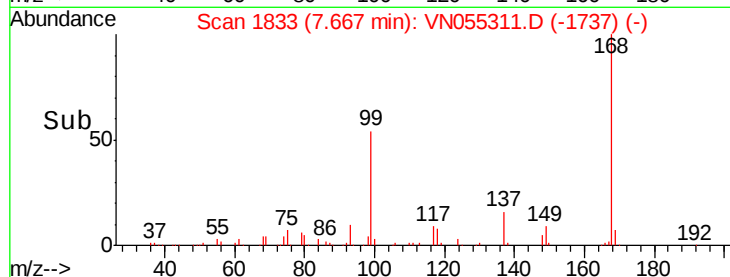
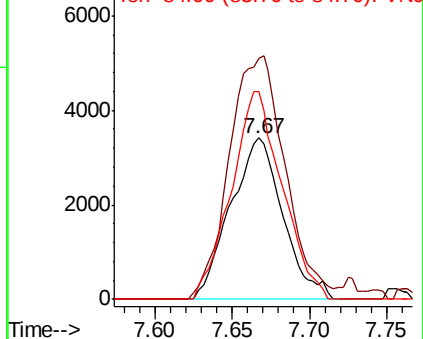
#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 8046
Ion Ratio Lower Upper
56 100
69 149.5 25.2 37.8#
84 129.1 61.1 91.7#

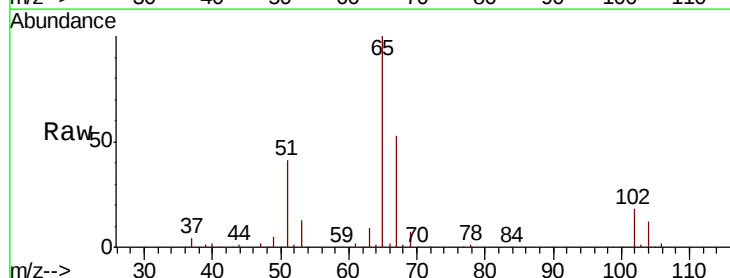


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

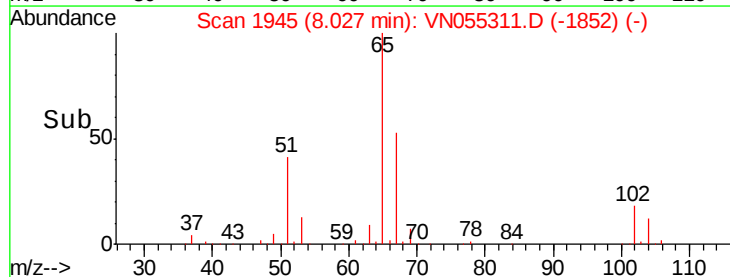
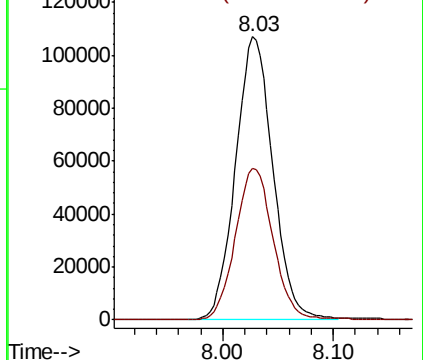


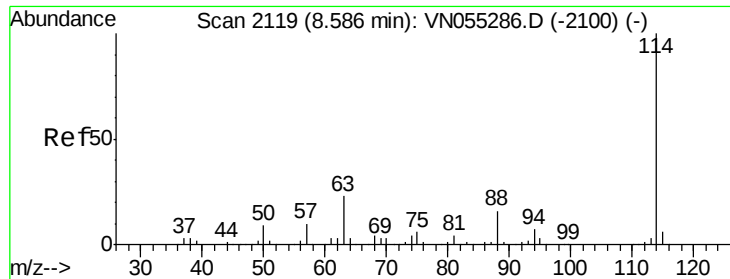
#33
1,2-Dichloroethane-d4
Concen: 54.444 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 65 Resp: 251745
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

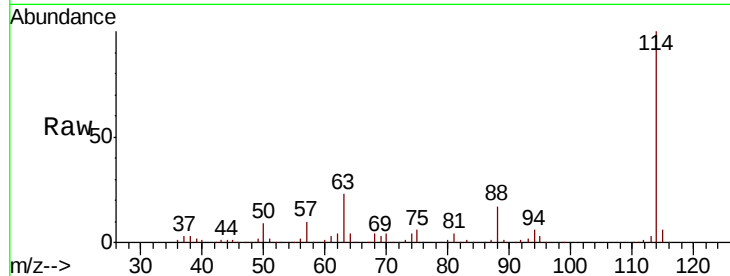




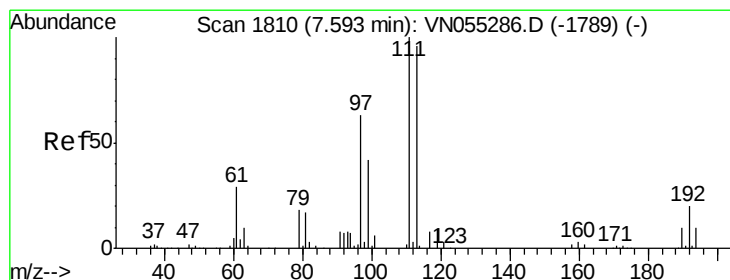
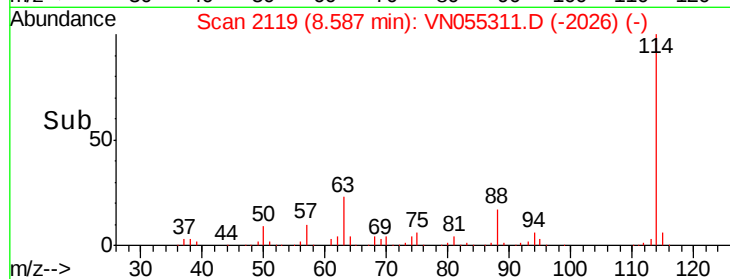
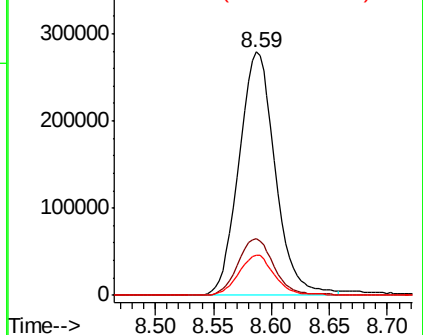
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055311.D
 Acq: 30 Apr 2019 16:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 609243
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.6 0.0 31.6

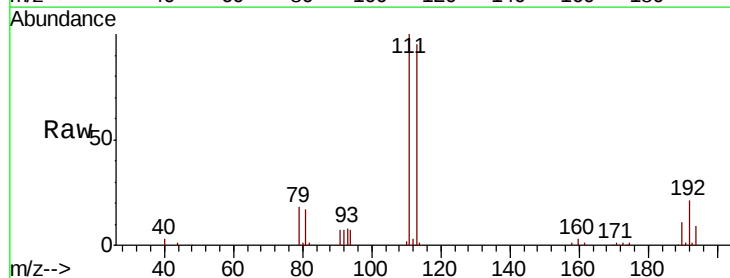


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

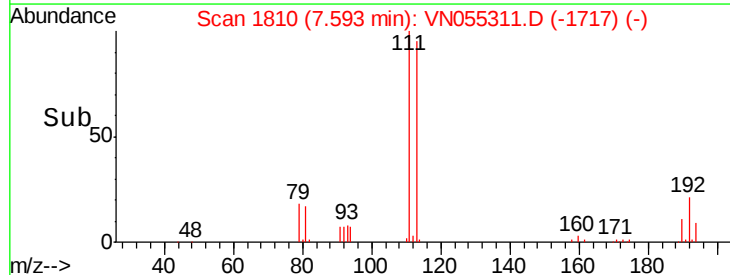
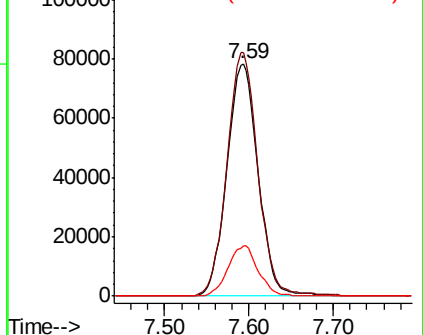


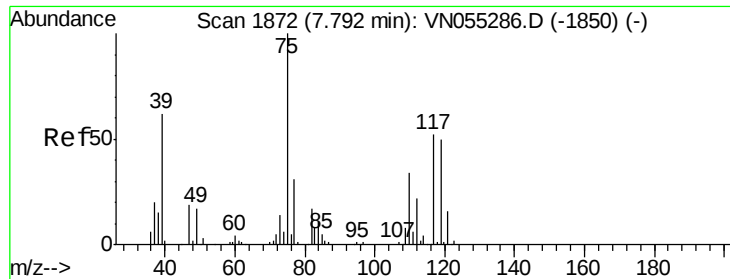
#35
 Dibromofluoromethane
 Concen: 50.409 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055311.D
 Acq: 30 Apr 2019 16:27

Tgt Ion:113 Resp: 201579
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.3 123.5
 192 21.0 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.657 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampled :

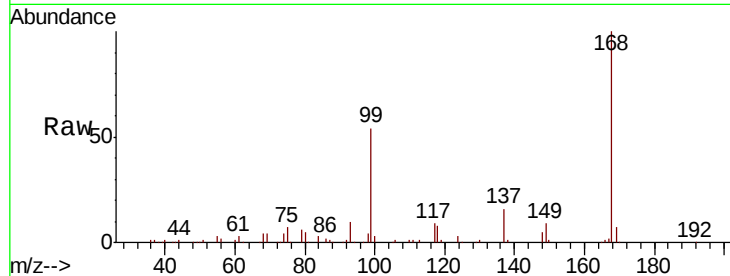
Tot Ion: 75 Resp: 27178

Ion Ratio Lower Upper

75 100

110 8.3 16.8 50.4#

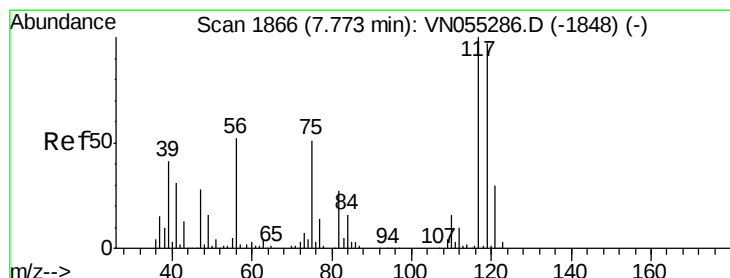
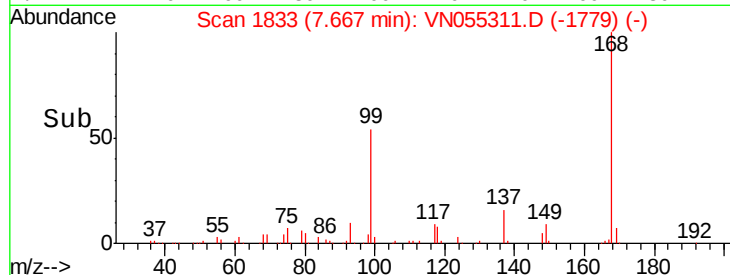
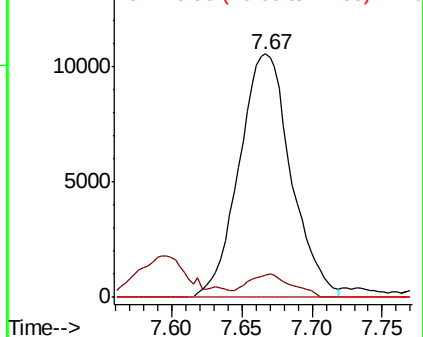
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VN055311.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN055311.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN055311.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 6.125 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

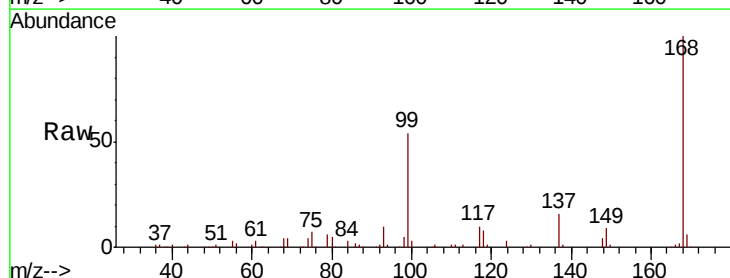
Tgt Ion: 117 Resp: 34482

Ion Ratio Lower Upper

117 100

119 5.9 77.0 115.6#

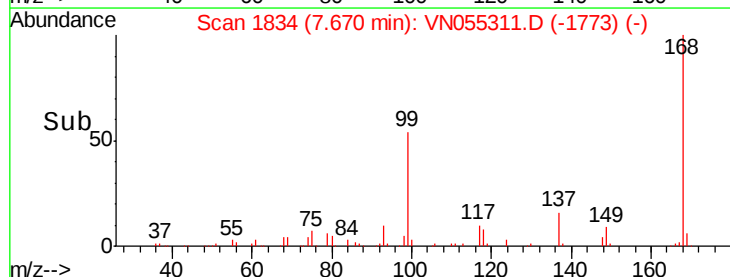
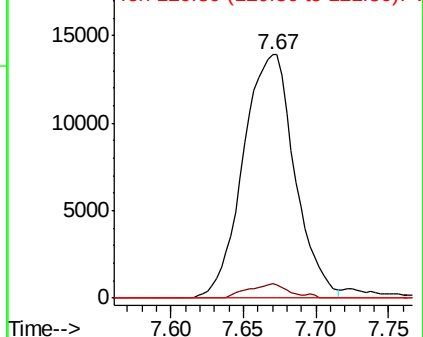
121 0.0 23.8 35.8#

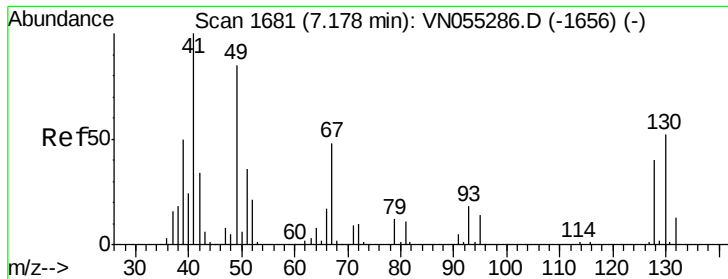


Abundance Ion 116.80 (116.50 to 117.50): VN055311.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN055311.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN055311.D (-1773) (-)

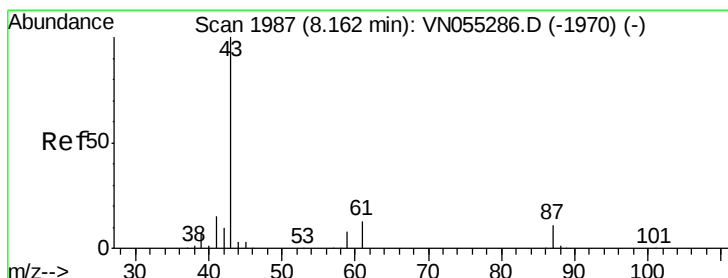
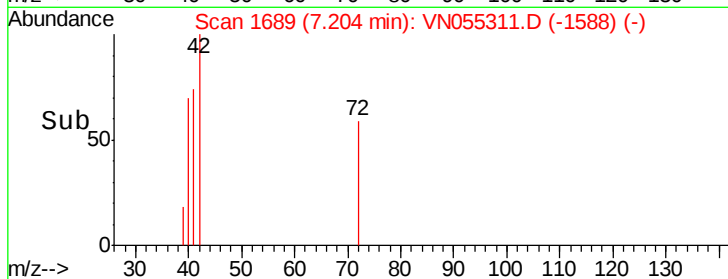
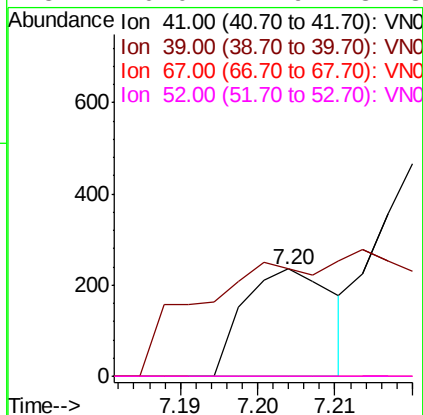
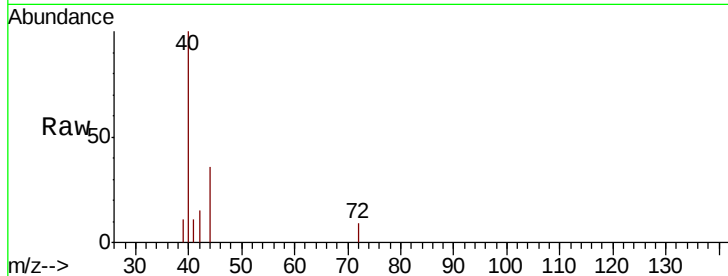




#41
Methacrylonitrile
Concen: 0.817 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.03 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

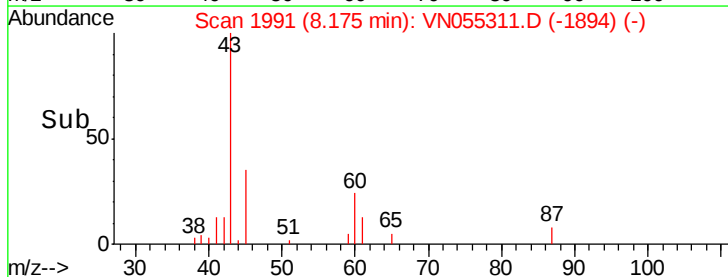
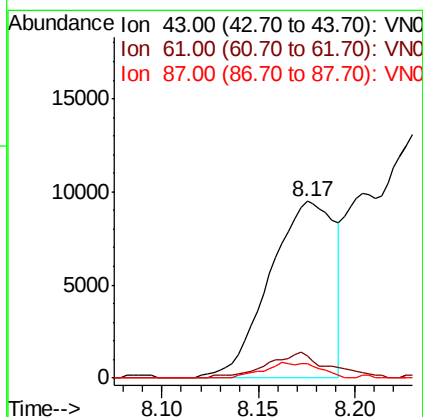
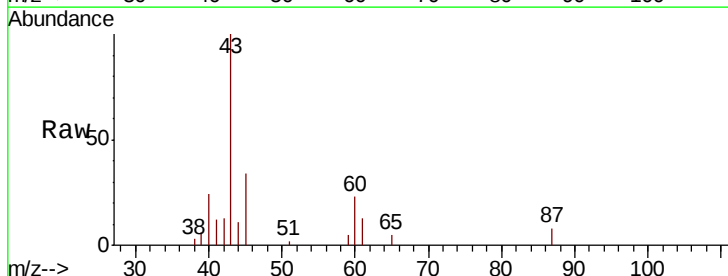
Instrument :
MSVOA_N
ClientSampled :

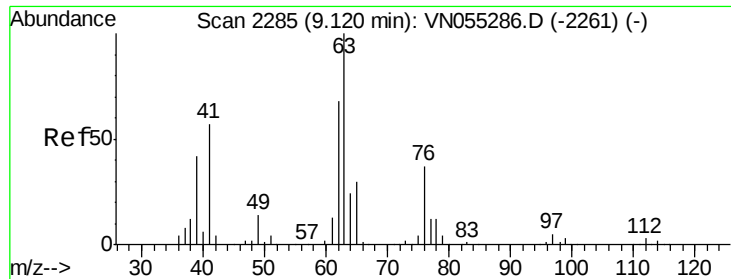
Tot Ion: 41 Resp: 190
Ion Ratio Lower Upper
41 100
39 0.0 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 3.096 ug/l
RT: 8.17 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 43 Resp: 22256
Ion Ratio Lower Upper
43 100
61 13.9 20.8 31.2#
87 7.4 8.5 12.7#

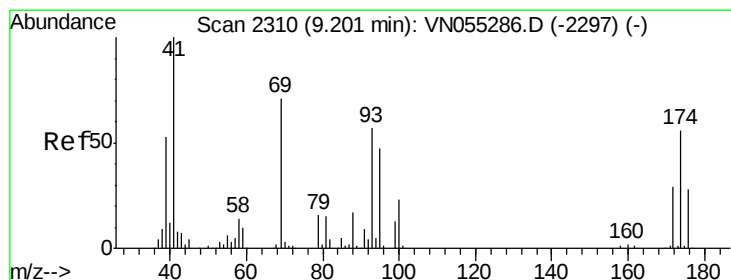
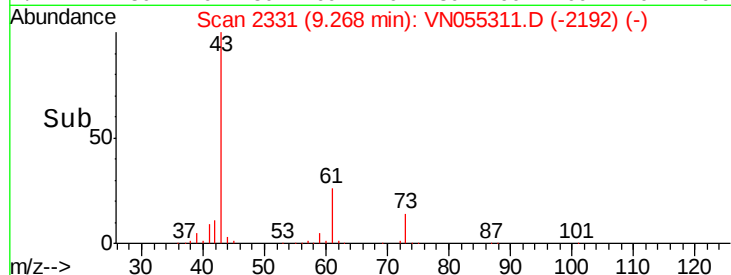
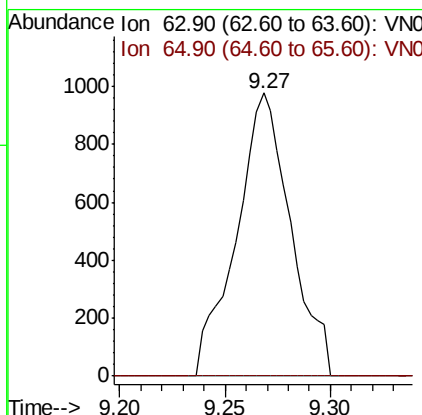
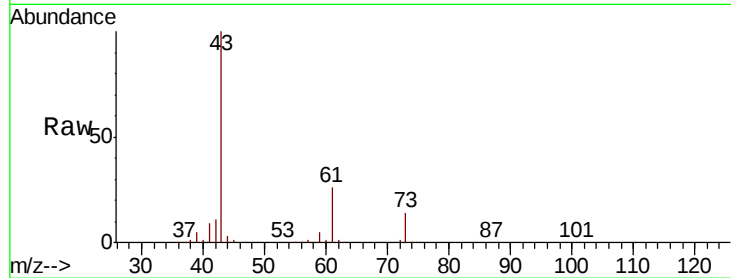




#45
 1,2-Dichloropropane
 Concen: 0.353 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055311.D
 Acq: 30 Apr 2019 16:27

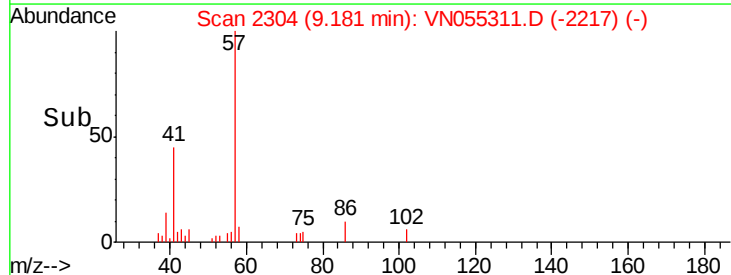
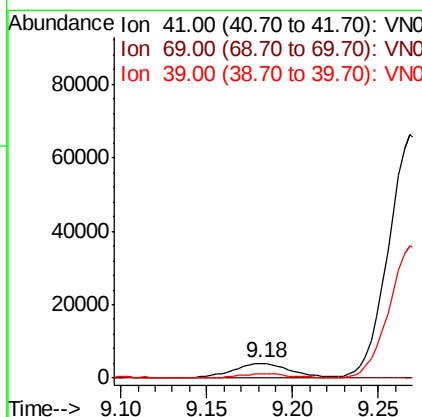
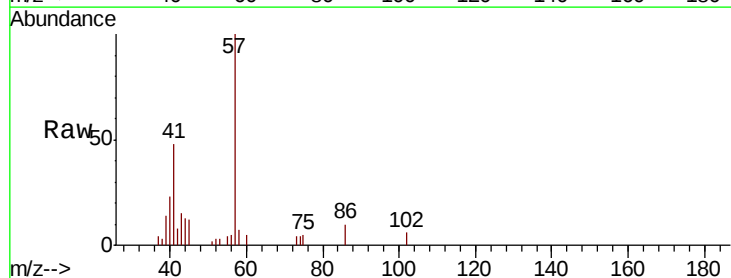
Instrument :
 MSVOA_N
 ClientSampled :

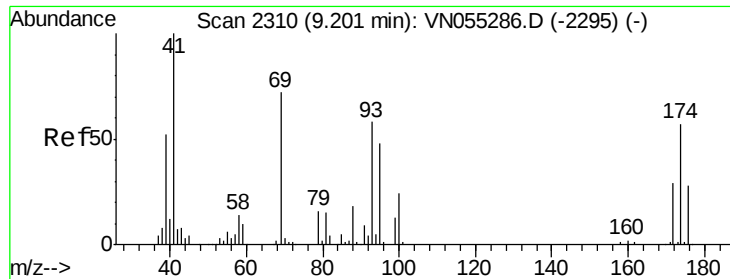
Tot Ion: 63 Resp: 1751
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.9 35.9#



#48
 Methyl methacrylate
 Concen: 2.504 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN055311.D
 Acq: 30 Apr 2019 16:27

Tgt Ion: 41 Resp: 8849
 Ion Ratio Lower Upper
 41 100
 69 0.0 58.6 87.8#
 39 29.4 43.8 65.6#





#49

1,4-Dioxane

Concen: 1.780 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.05 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :

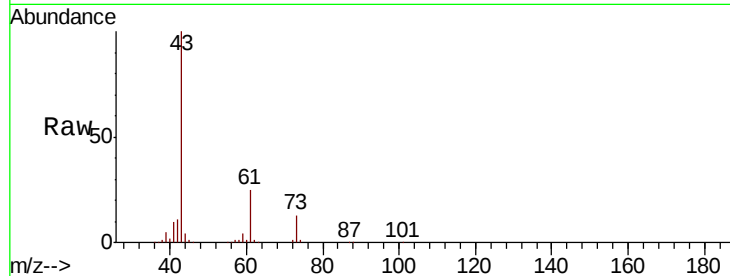
Tot Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 0.0 33.3 49.9#

58 0.0 62.7 94.1#



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

800000

600000

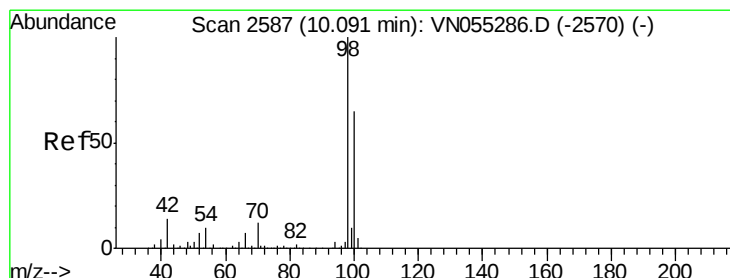
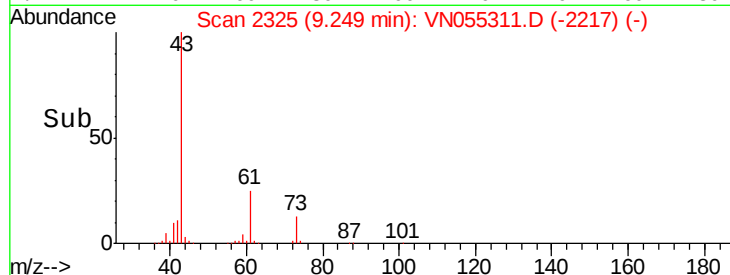
400000

200000

0

9.24 9.25 9.26

Time-->



#50

Toluene-d8

Concen: 53.031 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055311.D

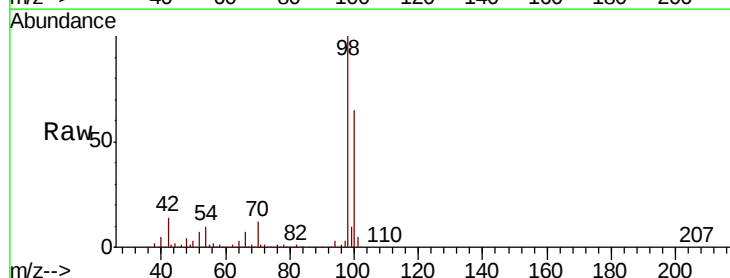
Acq: 30 Apr 2019 16:27

Tgt Ion: 98 Resp: 765738

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

400000

300000

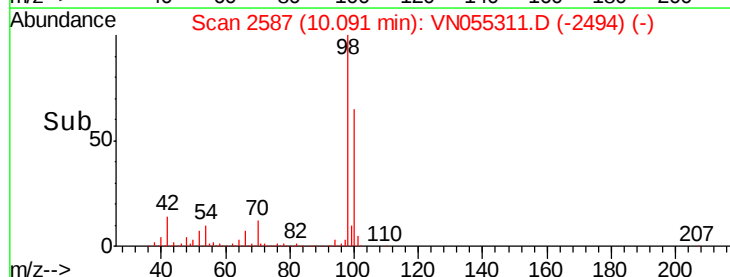
200000

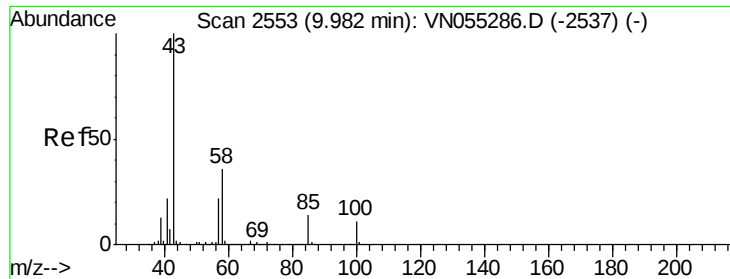
100000

0

10.00 10.09 10.20

Time-->





#51

4-Methyl-2-Pentanone

Concen: 1.228 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

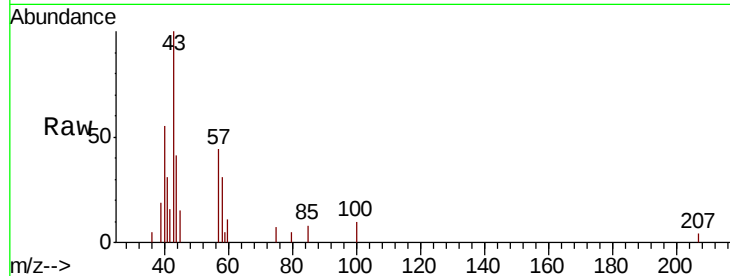
ClientSampleId :

Tot Ion: 43 Resp: 4970

Ion Ratio Lower Upper

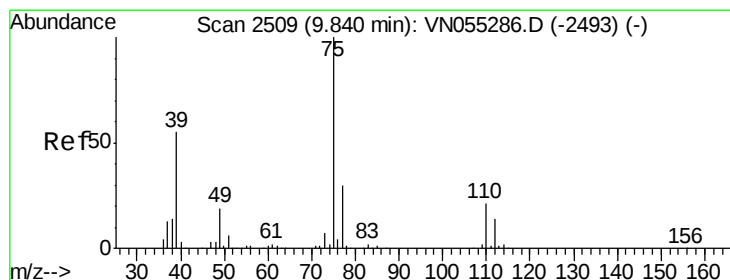
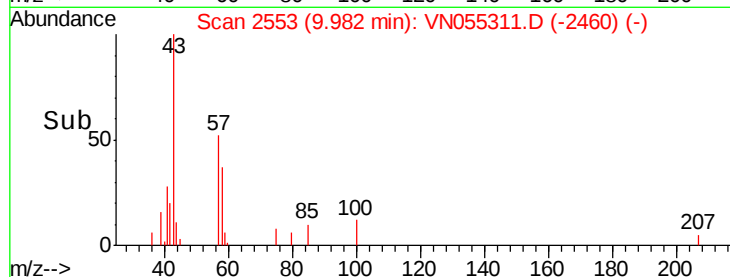
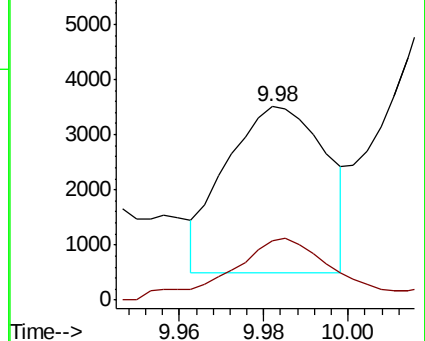
43 100

58 38.3 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 9.140 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

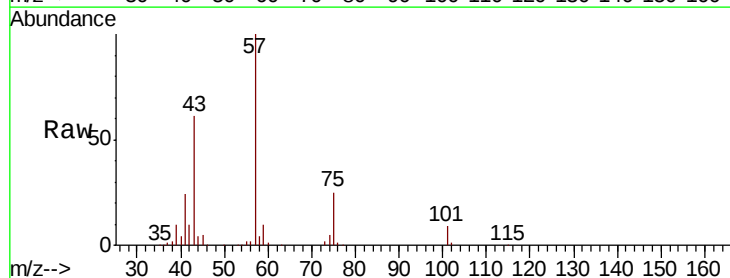
Tgt Ion: 75 Resp: 57560

Ion Ratio Lower Upper

75 100

77 0.6 24.2 36.2#

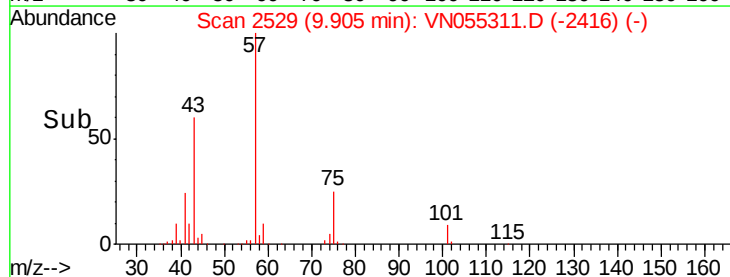
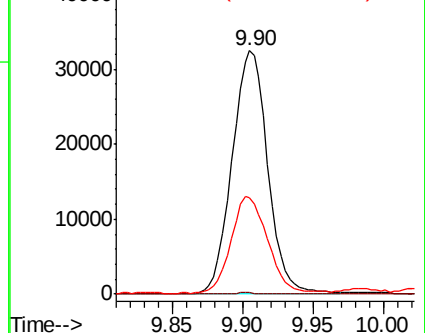
39 39.8 44.2 66.2#

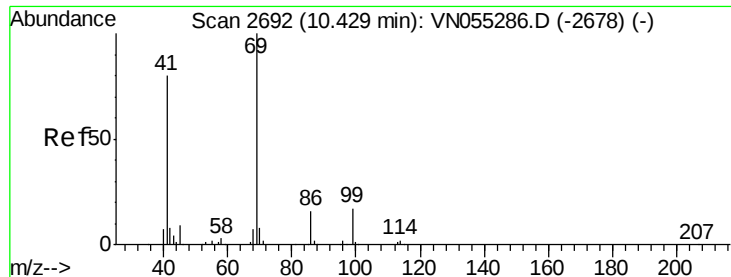


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.260 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :

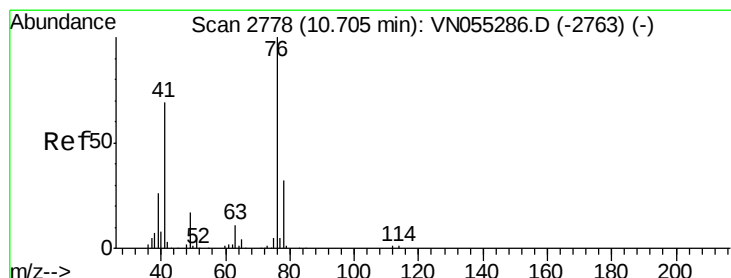
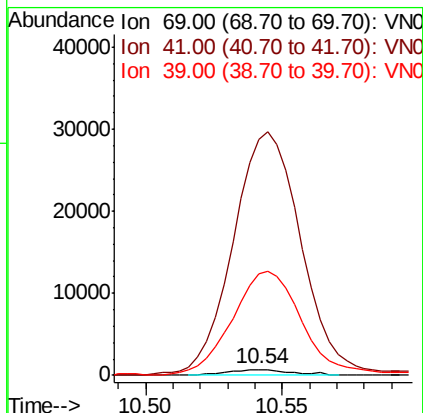
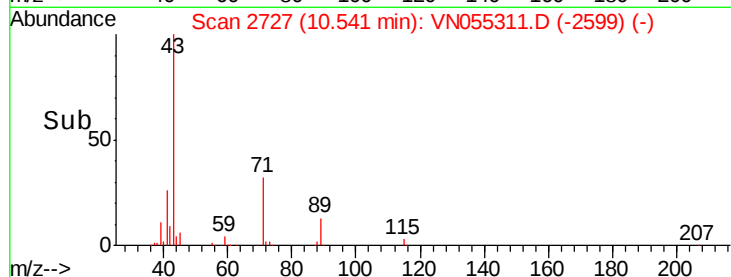
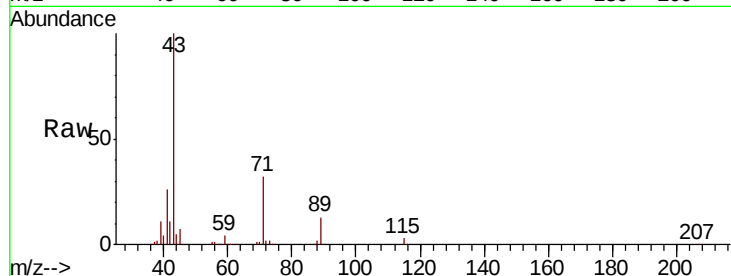
Tot Ion: 69 Resp: 1171

Ion Ratio Lower Upper

69 100

41 4434.2 62.7 94.1#

39 1912.2 32.0 48.0#



#57

1,3-Dichloropropane

Concen: 1.718 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055311.D

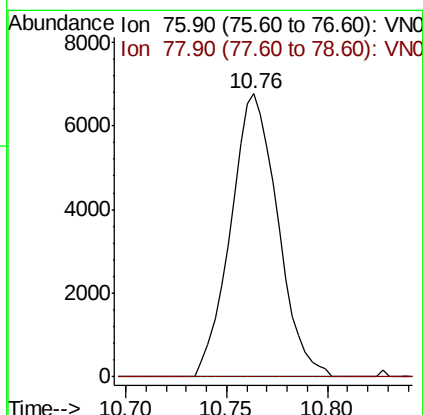
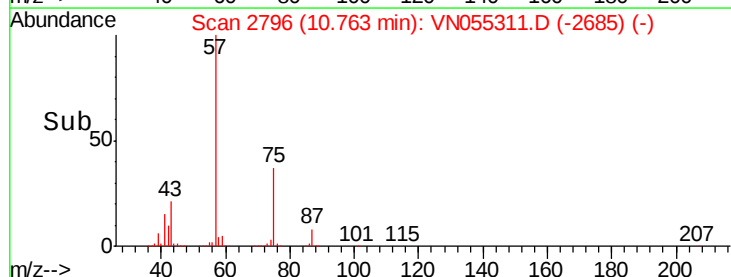
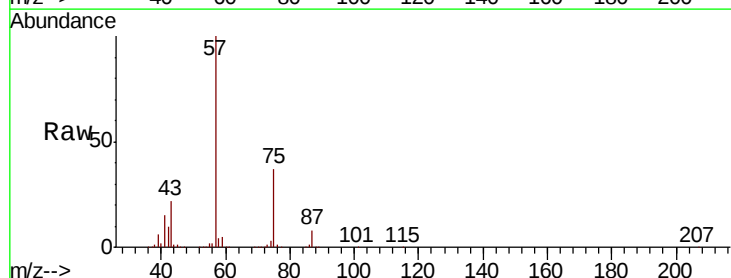
Acq: 30 Apr 2019 16:27

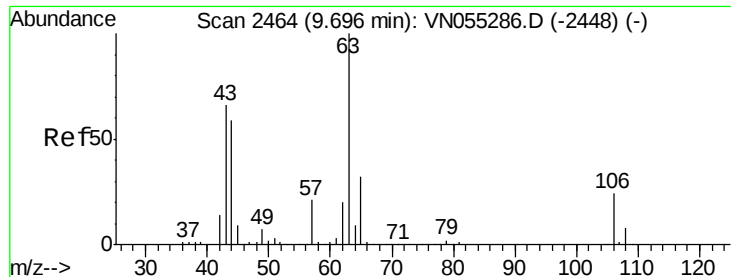
Tgt Ion: 76 Resp: 11047

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

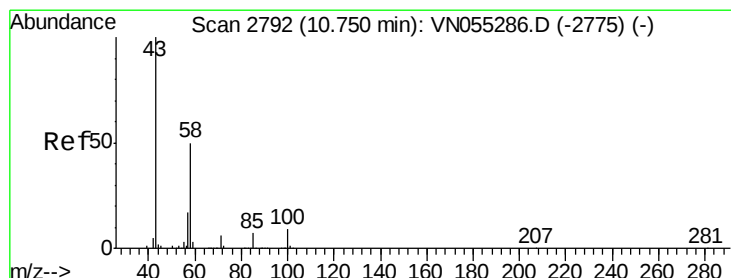
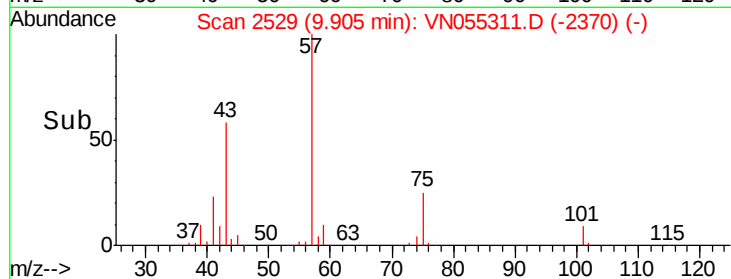
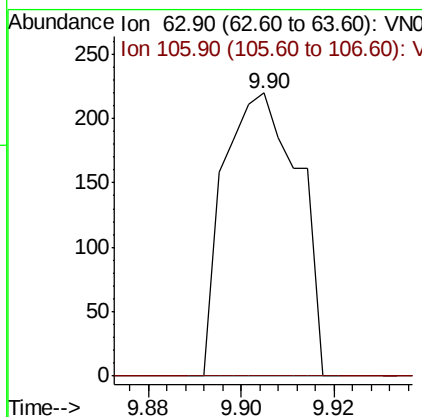
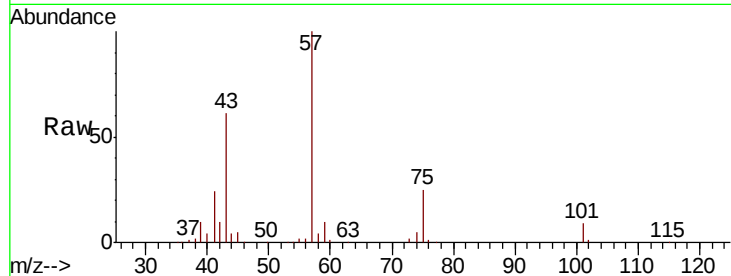




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.573 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.21 min
 Lab File: VN055311.D
 Acq: 30 Apr 2019 16:27

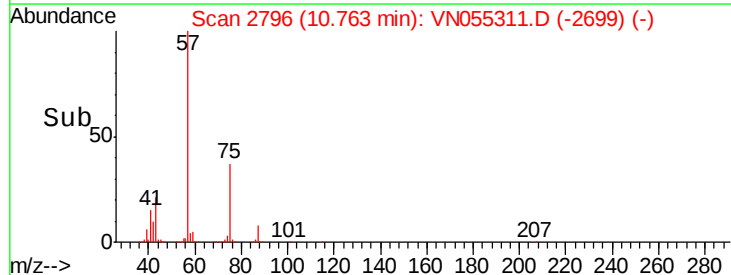
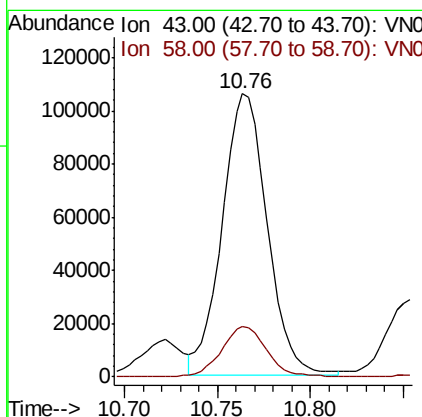
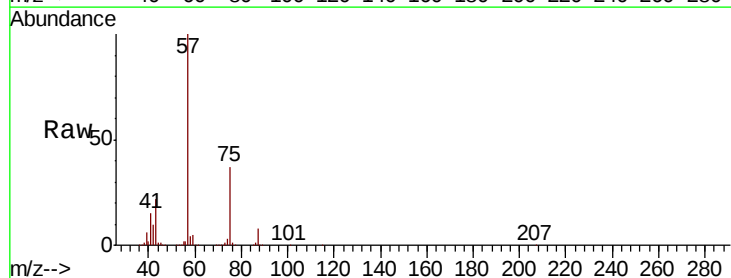
Instrument :
 MSVOA_N
 ClientSampleId :

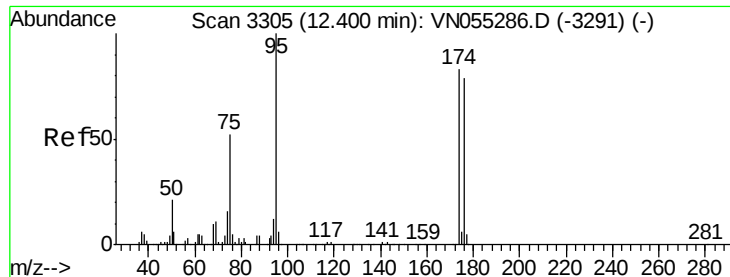
Tot Ion: 63 Resp: 247
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#



#59
 2-Hexanone
 Concen: 70.193 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055311.D
 Acq: 30 Apr 2019 16:27

Tgt Ion: 43 Resp: 177727
 Ion Ratio Lower Upper
 43 100
 58 18.1 24.9 74.6#

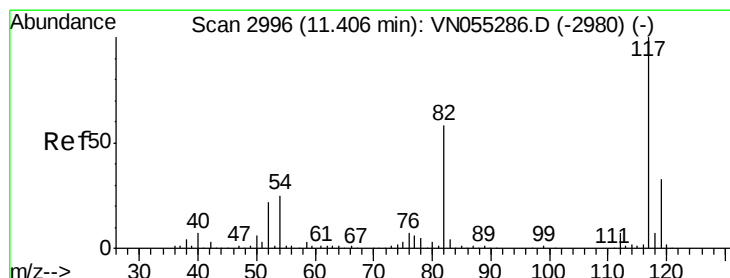
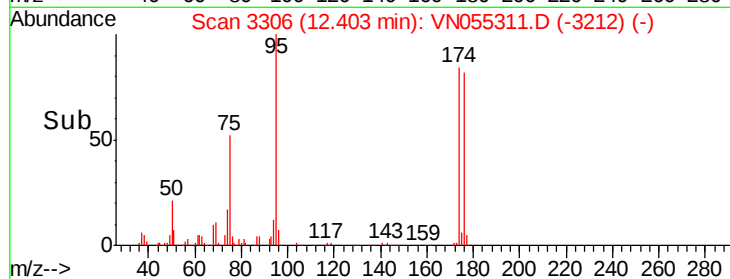
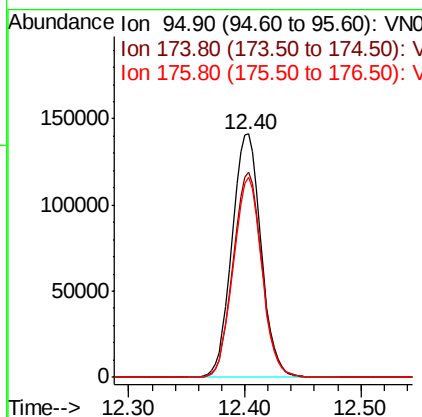
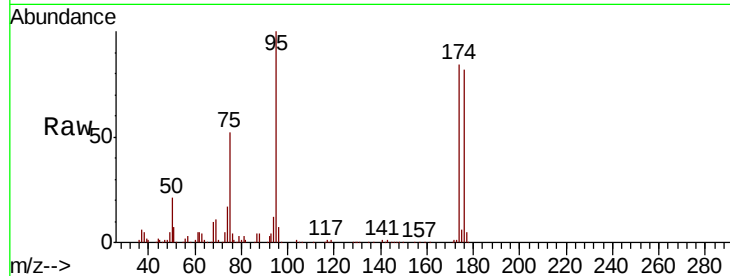




#62
4-Bromofluorobenzene
Concen: 54.024 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

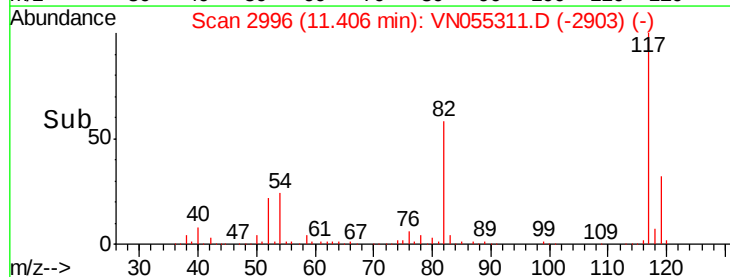
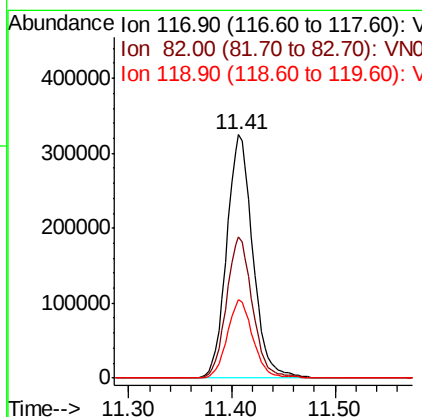
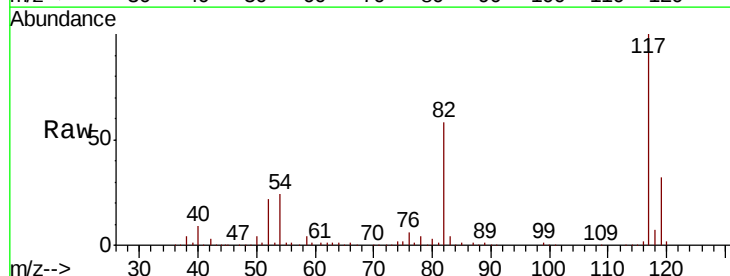
Instrument :
MSVOA_N
ClientSampleId :

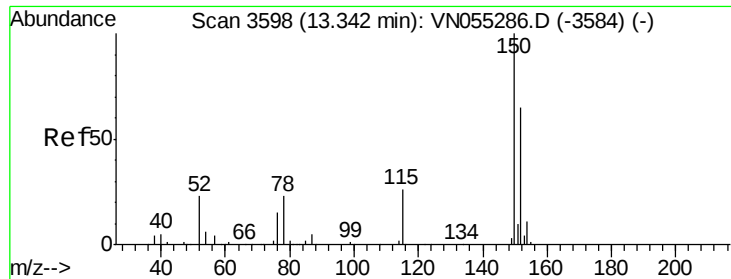
Tot Ion: 95 Resp: 243800
Ion Ratio Lower Upper
95 100
174 83.5 0.0 166.6
176 80.8 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

Tgt Ion: 117 Resp: 574439
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.1 26.6 40.0



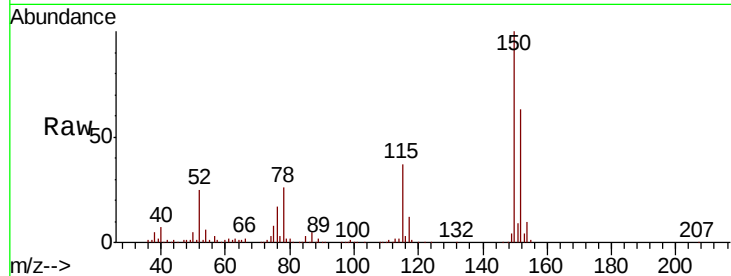


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.0	87.0
150	159.7	0.0	345.6

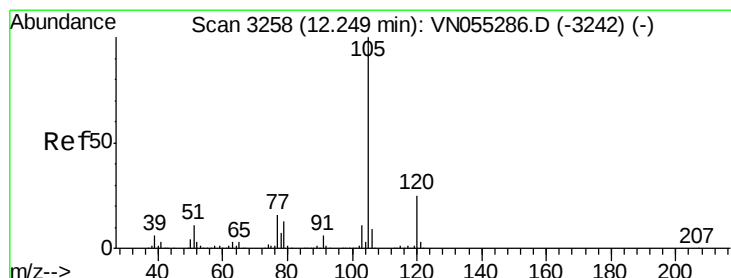
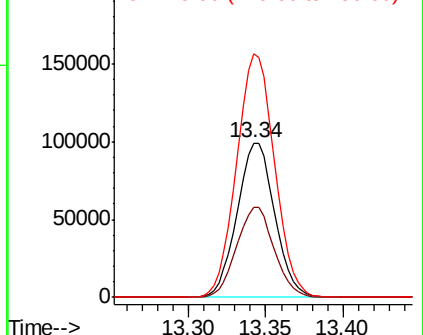
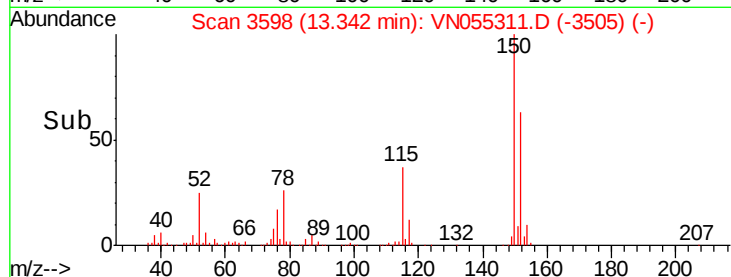


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

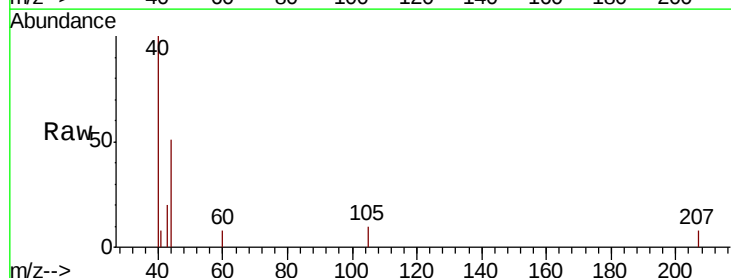
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN055311.D
Acq: 30 Apr 2019 16:27

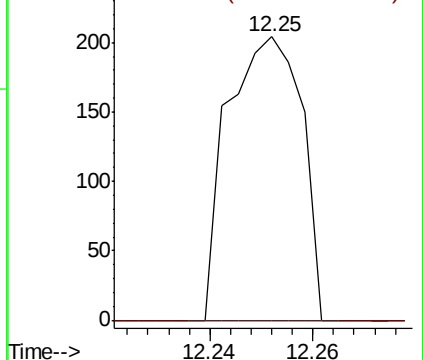
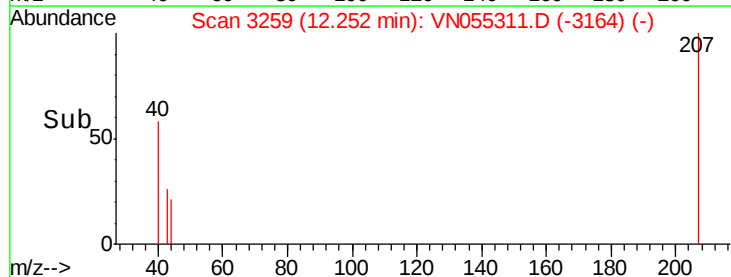
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.9	38.7#

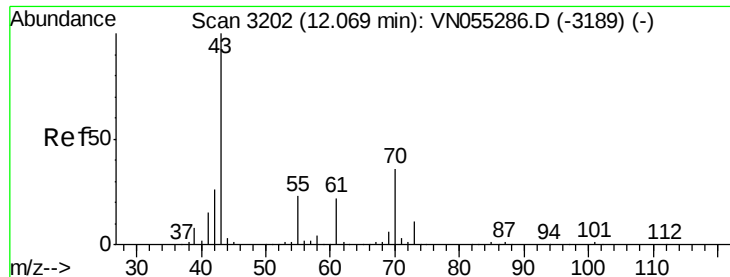


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.095 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 17569

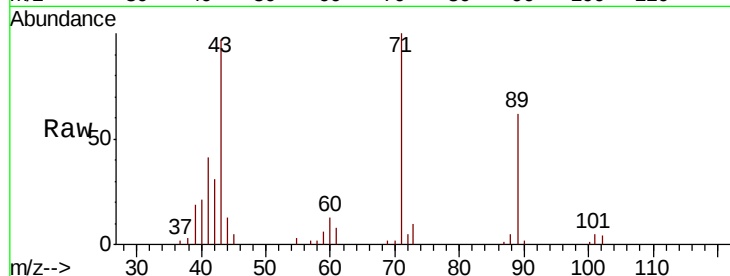
Ion Ratio Lower Upper

43 100

70 2.4 27.9 41.9#

55 5.2 18.2 27.2#

61 8.8 16.9 25.3#

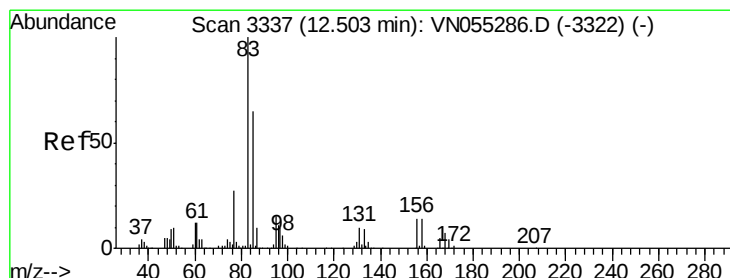
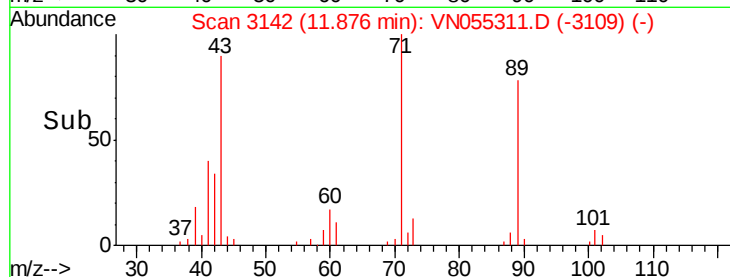
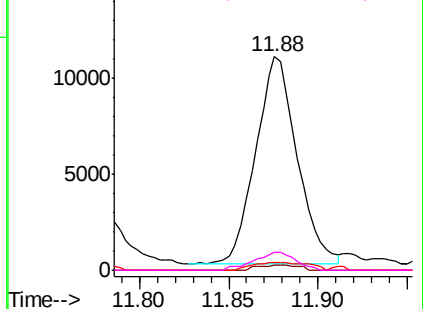


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

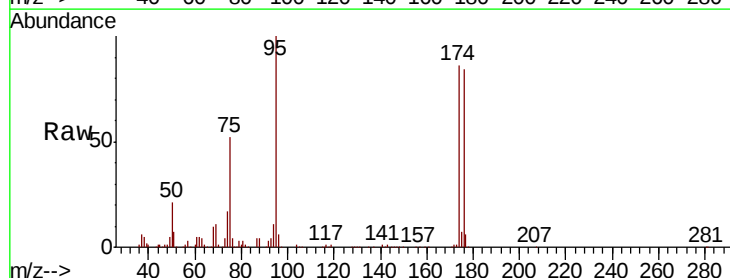
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 1100.0 5.1 15.2#

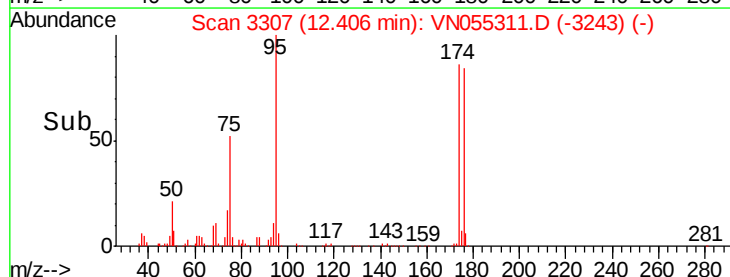
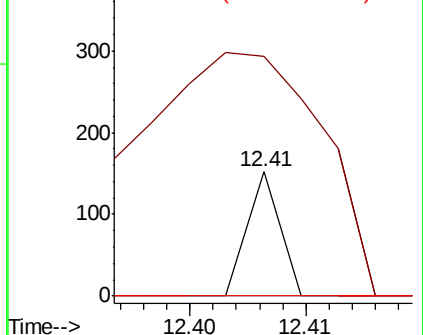
85 0.0 32.3 96.8#

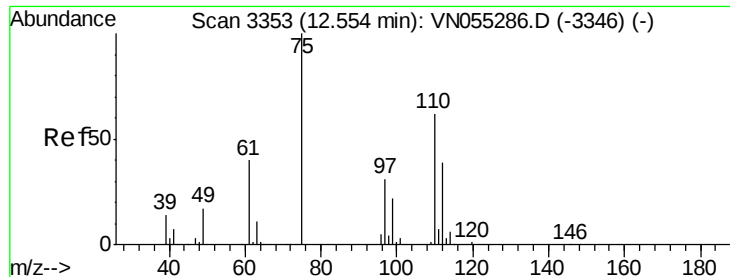


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 40.673 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

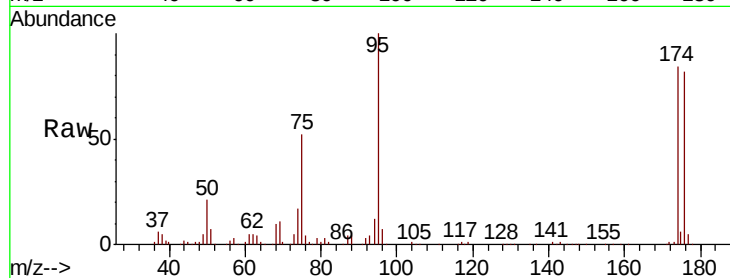
ClientSampled :

Tot Ion: 75 Resp: 127838

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

80000

60000

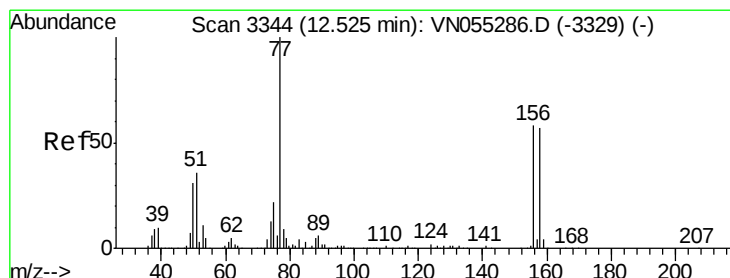
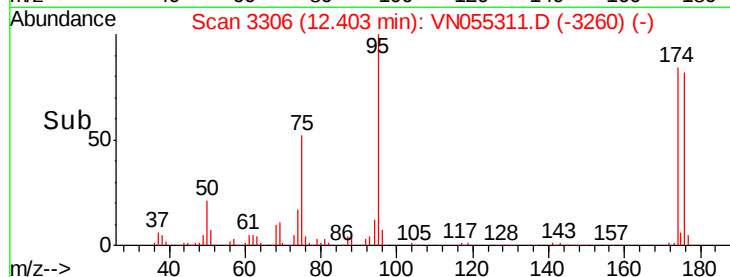
40000

20000

0

Time-->

12.35 12.40 12.45



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

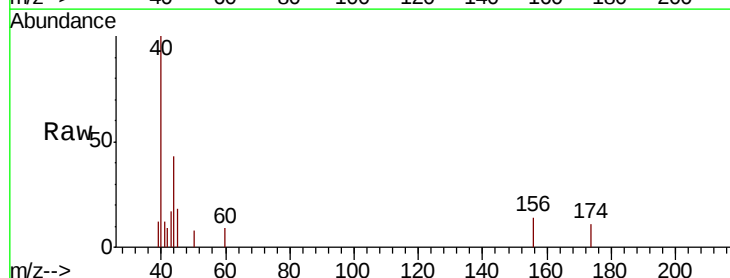
Tgt Ion: 156 Resp: 137

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

300

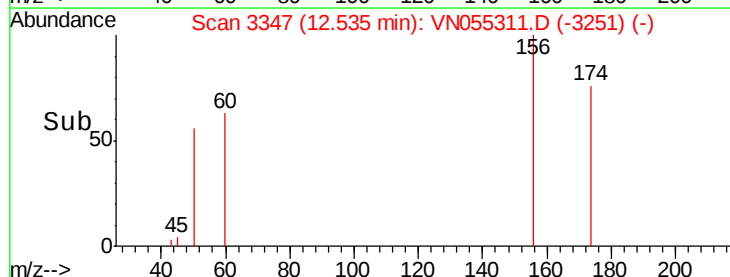
200

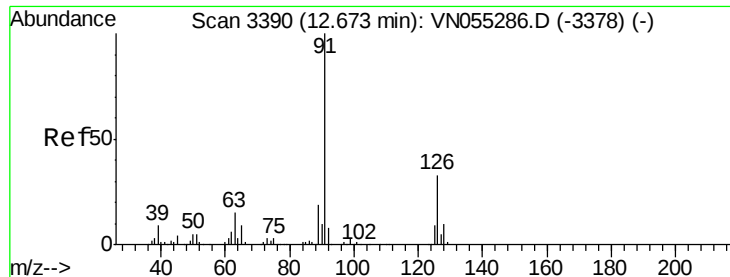
100

0

Time-->

12.52 12.53 12.54 12.55

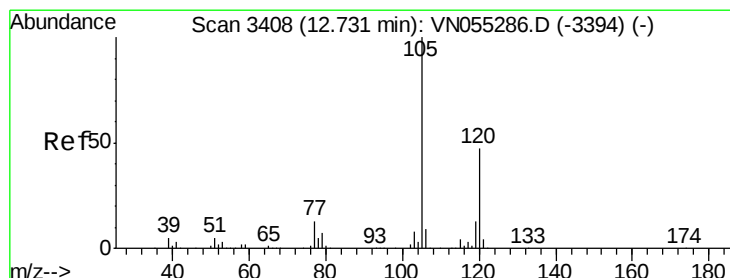
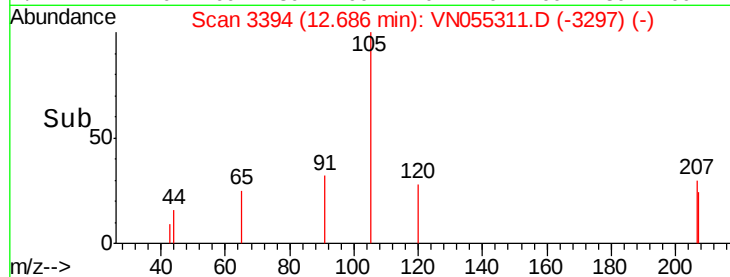
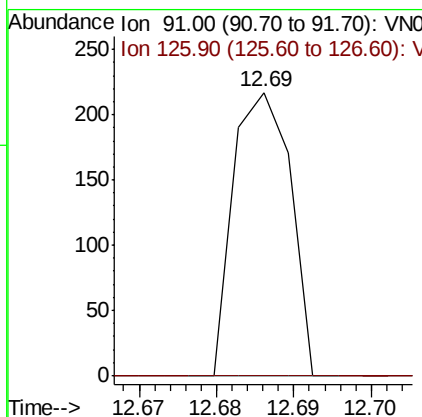
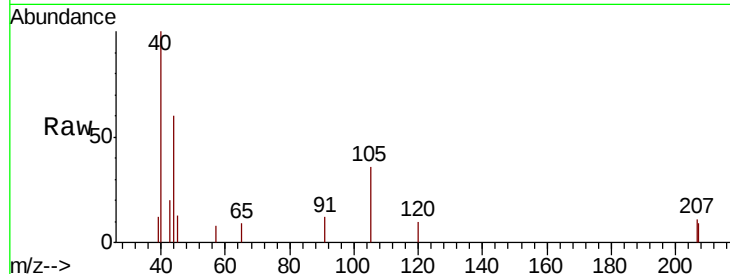




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.69 min Scan# 3394
 Delta R.T. 0.01 min
 Lab File: VN055311.D
 Acq: 30 Apr 2019 16:27

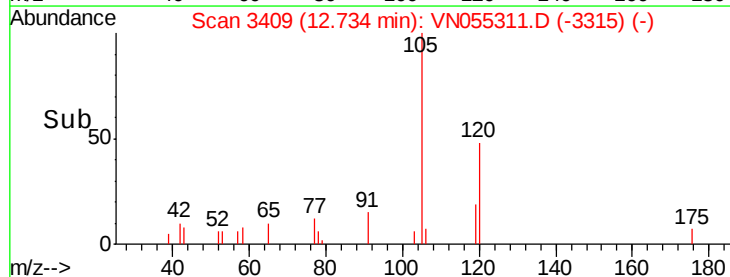
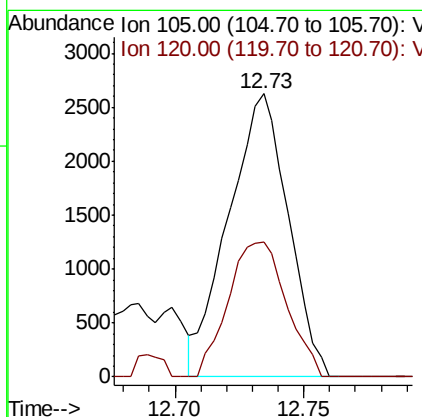
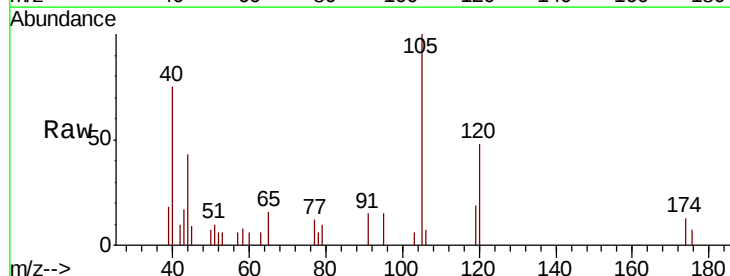
Instrument :
 MSVOA_N
 ClientSampled :

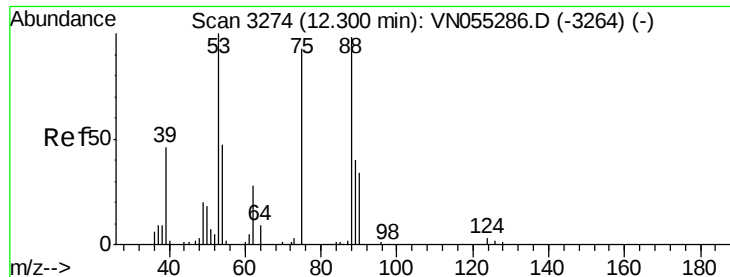
Tot Ion: 91 Resp: 111
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.323 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055311.D
 Acq: 30 Apr 2019 16:27

Tgt Ion: 105 Resp: 4236
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 144.922 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :

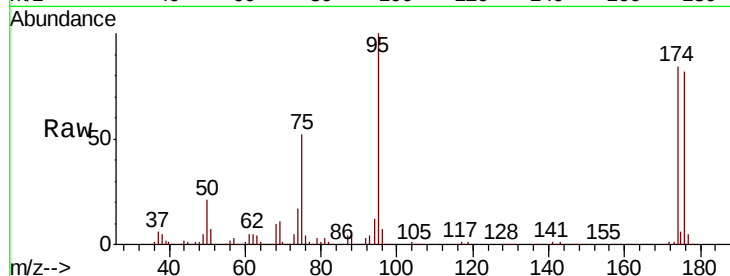
Tot Ion: 75 Resp: 127838

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

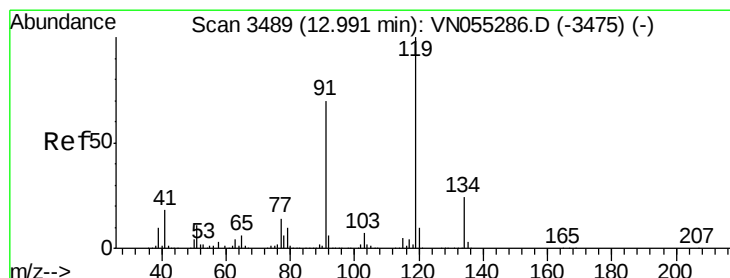
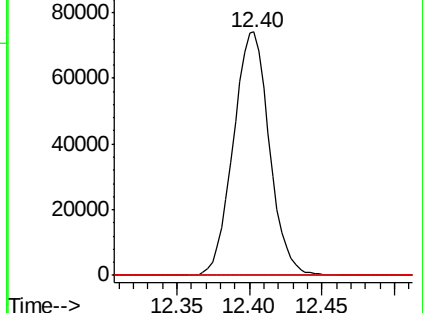
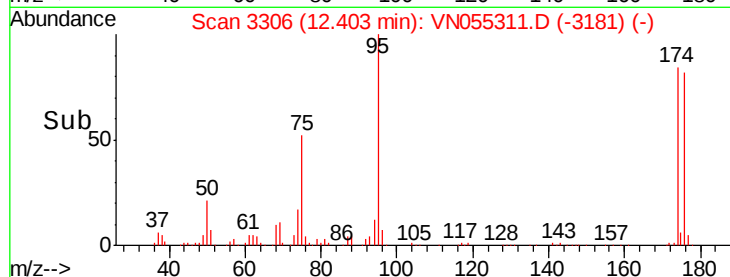
89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055311.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055311.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055311.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

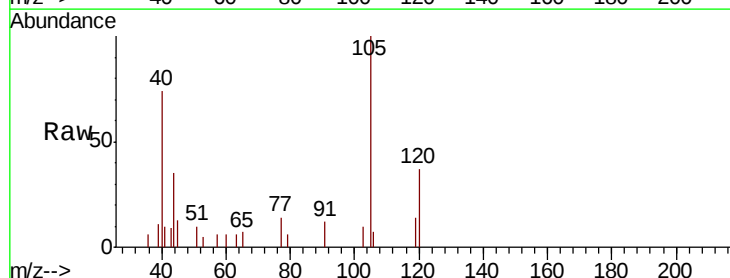
Tgt Ion: 119 Resp: 457

Ion Ratio Lower Upper

119 100

91 110.1 34.3 102.9#

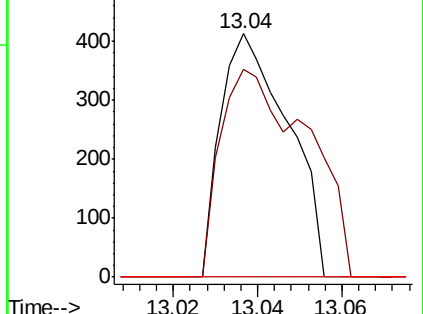
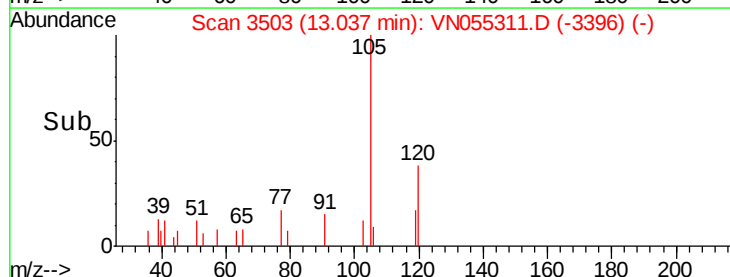
134 0.0 13.1 39.3#

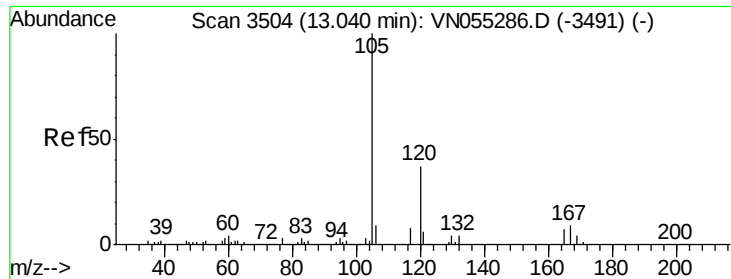


Abundance Ion 119.00 (118.70 to 119.70): VN055311.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN055311.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN055311.D (-3396) (-)





#84

1,2,4-Trimethylbenzene

Concen: 0.397 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

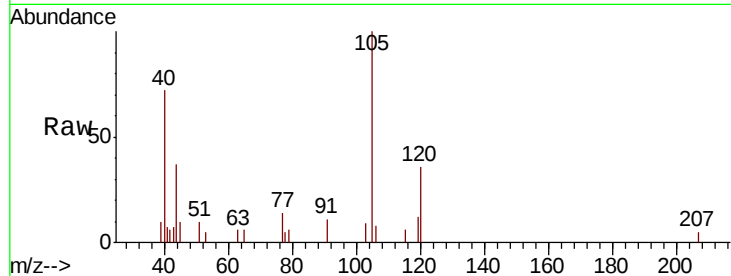
ClientSampled :

Tot Ion:105 Resp: 4655

Ion Ratio Lower Upper

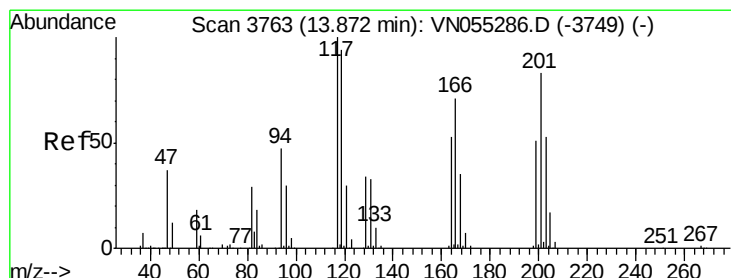
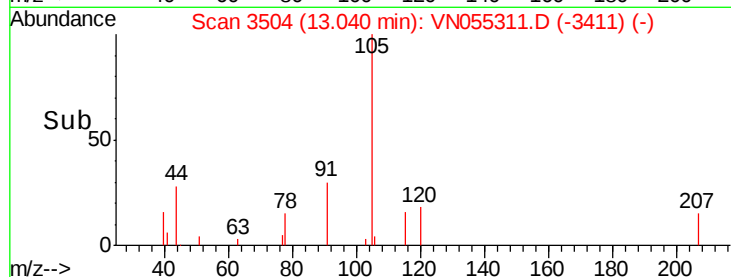
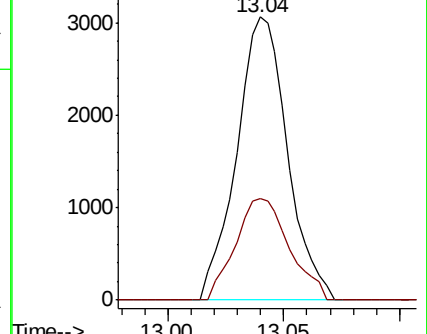
105 100

120 38.0 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.94 min Scan# 3784

Delta R.T. 0.07 min

Lab File: VN055311.D

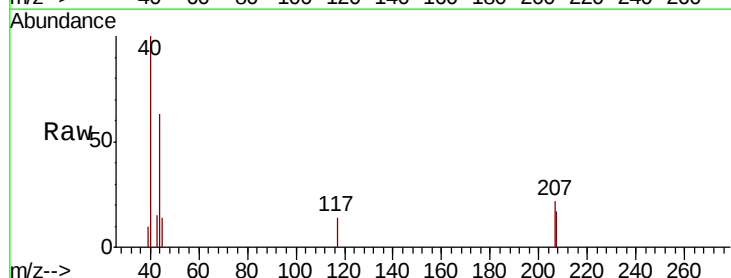
Acq: 30 Apr 2019 16:27

Tgt Ion:117 Resp: 258

Ion Ratio Lower Upper

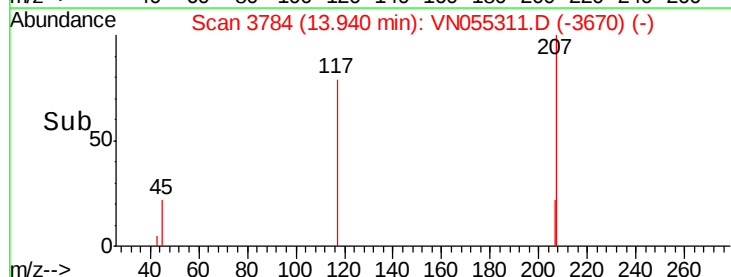
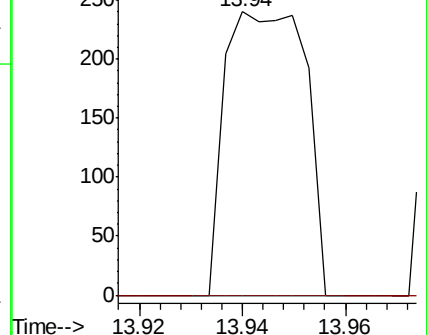
117 100

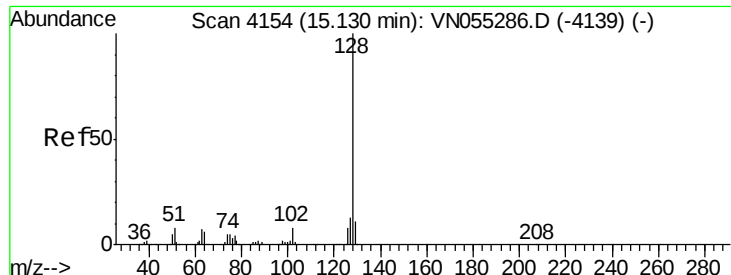
201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 4.145 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

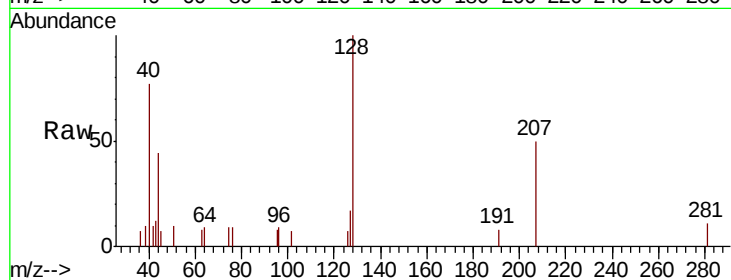
Lab File: VN055311.D

Acq: 30 Apr 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :



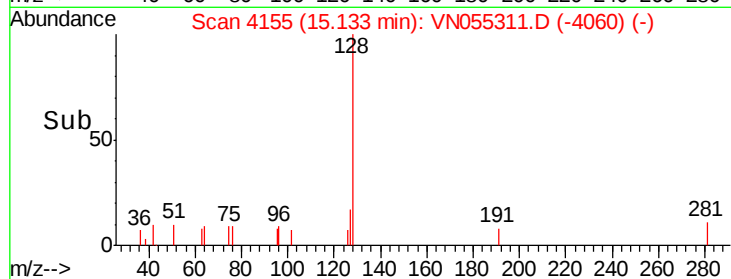
Tot Ion:128 Resp: 4068

Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

129 1.6 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

