

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055377.D
 Acq On : 3 May 2019 9:57
 Operator : JC/SP
 Sample : VN0503MBL01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBL01

Quant Time: May 03 23:18:08 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	408374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	681099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	599021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143514	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	270772	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	222165	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	10.09	98	838234	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.40	95	243384	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	

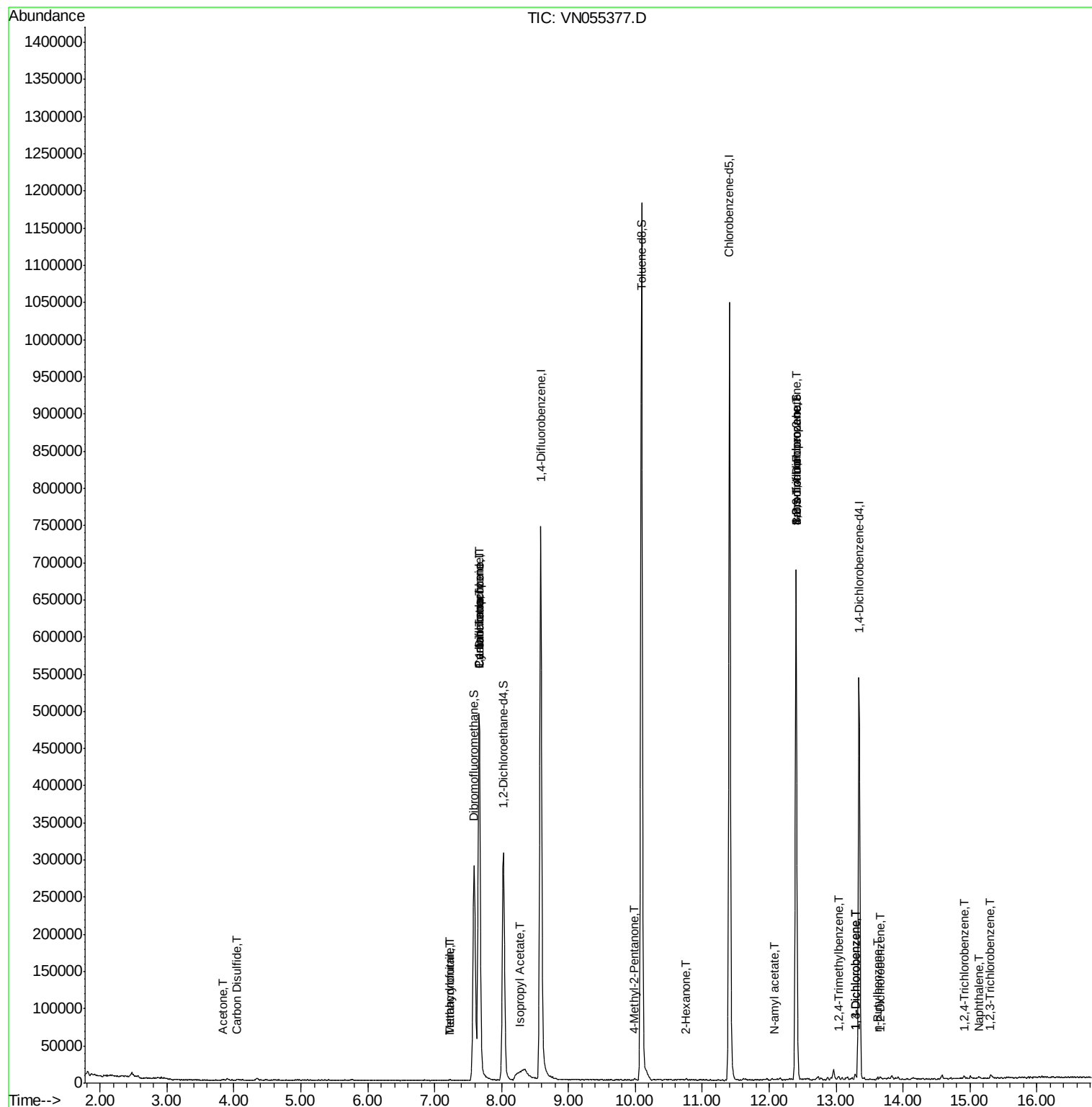
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.84	43	1159	0.696	ug/l #	45
17) Carbon Disulfide	4.05	76	2208	0.210	ug/l #	74
18) Methyl Acetate	4.33	43	3348	Below Cal	#	81
29) Tetrahydrofuran	7.22	42	524	0.384	ug/l #	45
31) Cyclohexane	7.67	56	8514	1.013	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	30913	4.738	ug/l #	51
38) Carbon Tetrachloride	7.66	117	39984	6.354	ug/l #	16
41) Methacrylonitrile	7.23	41	240	0.827	ug/l #	39
43) Isopropyl Acetate	8.27	43	16849	2.097	ug/l #	56
51) 4-Methyl-2-Pentanone	9.99	43	1223	0.270	ug/l	99
59) 2-Hexanone	10.75	43	654	0.231	ug/l #	28
71) Bromoform	12.40	173	2236	0.879	ug/l #	1
73) Isopropylbenzene	12.25	105	1129	Below Cal	#	66
74) N-amyl acetate	12.07	43	1830	0.497	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.50	83	181	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	124374	46.445	ug/l #	100
77) Bromobenzene	12.53	156	78	Below Cal	#	1
79) 2-Chlorotoluene	12.67	91	1117	Below Cal	#	54
81) trans-1,4-Dichloro-2-buten	12.40	75	124374	164.233	ug/l #	7
83) tert-Butylbenzene	12.99	119	915	Below Cal		85
84) 1,2,4-Trimethylbenzene	13.04	105	2545	0.253	ug/l	91
87) 1,3-Dichlorobenzene	13.28	146	1150	0.239	ug/l	88
88) 1,4-Dichlorobenzene	13.28	146	1150	0.254	ug/l	87
89) n-Butylbenzene	13.62	91	2128	0.298	ug/l #	88
91) 1,2-Dichlorobenzene	13.65	146	1052	0.221	ug/l	91
93) 1,2,4-Trichlorobenzene	14.90	180	1246	3.931	ug/l	94
94) Hexachlorobutadiene	15.00	225	845	Below Cal		84
95) Naphthalene	15.13	128	2983	4.026	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.32	180	1966	3.621	ug/l	93

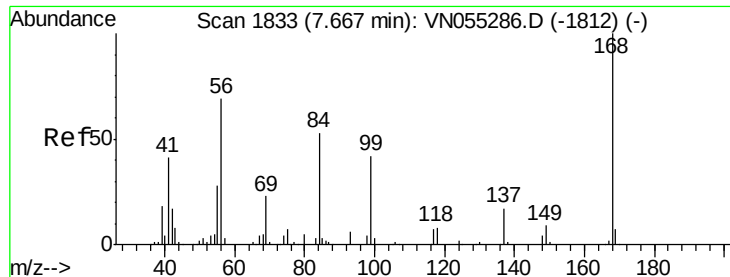
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050319\
Data File : VN055377.D
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 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: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

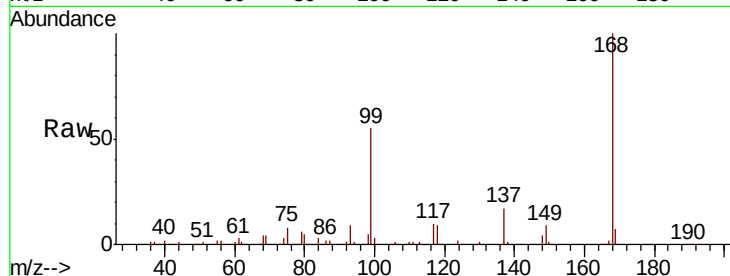
VN0503MBL01

Tot Ion:168 Resp: 408374

Ion Ratio Lower Upper

168 100

99 55.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055377.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055377.D (-1740) (-)

7.67

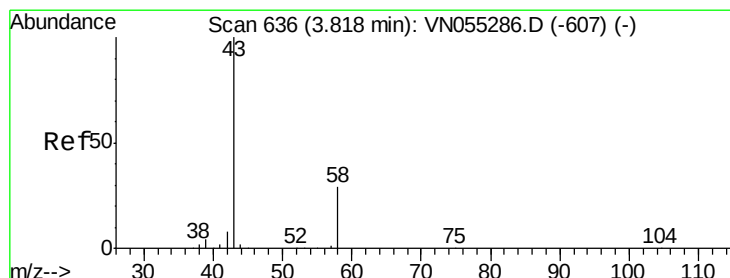
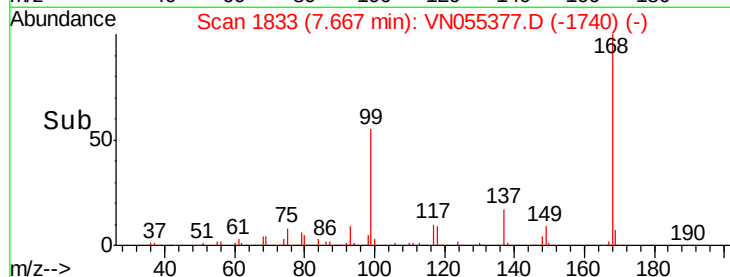
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.696 ug/l

RT: 3.84 min Scan# 643

Delta R.T. 0.02 min

Lab File: VN055377.D

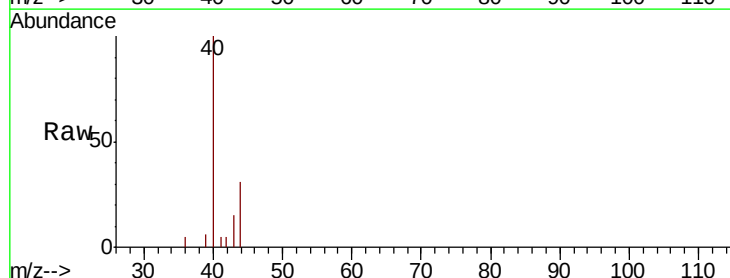
Acq: 3 May 2019 9:57

Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055377.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055377.D (-543) (-)

3.84

500

400

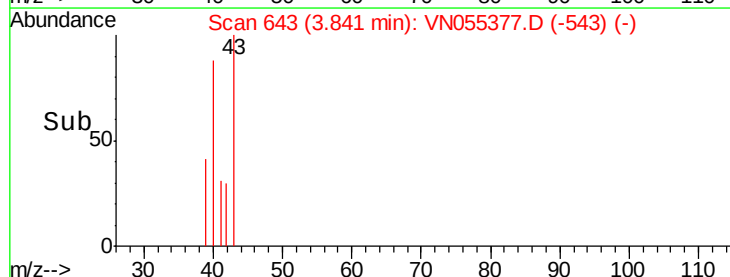
300

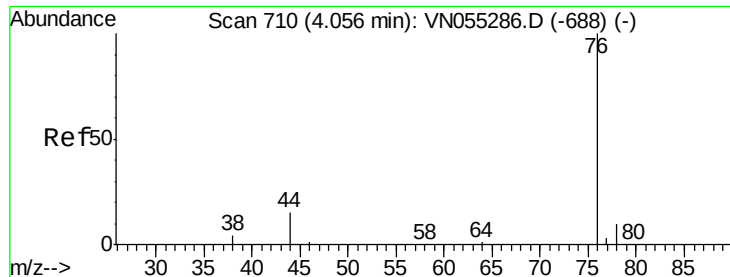
200

100

0

Time-->





#17

Carbon Disulfide

Concen: 0.210 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

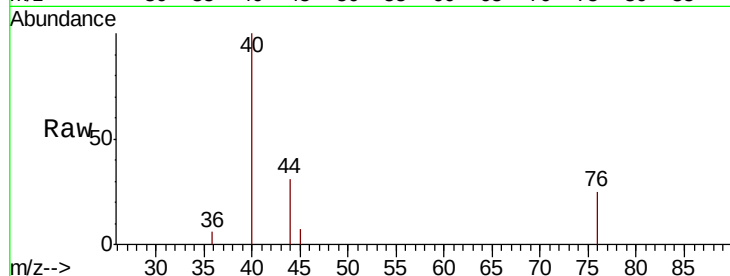
VN0503MBL01

Tot Ion: 76 Resp: 2208

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

800

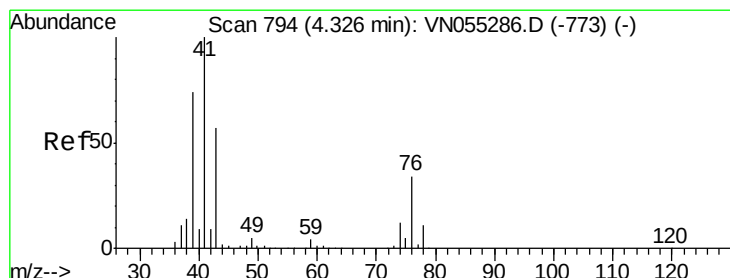
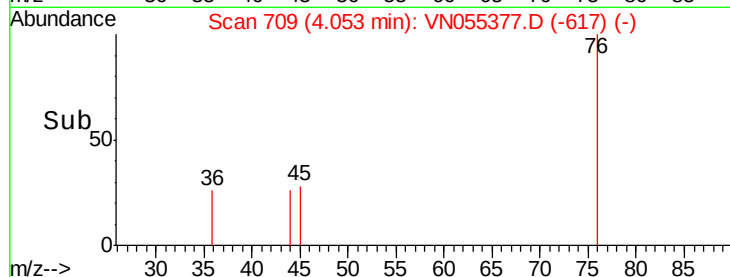
600

400

200

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055377.D

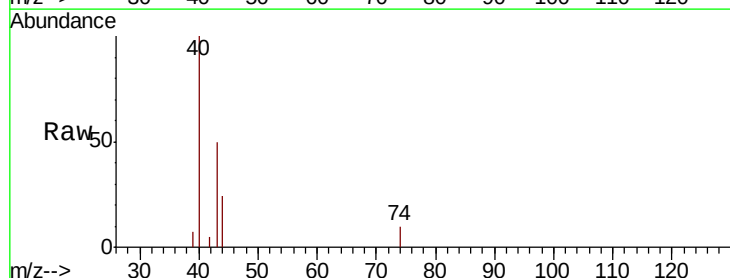
Acq: 3 May 2019 9:57

Tgt Ion: 43 Resp: 3348

Ion Ratio Lower Upper

43 100

74 28.5 15.8 23.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

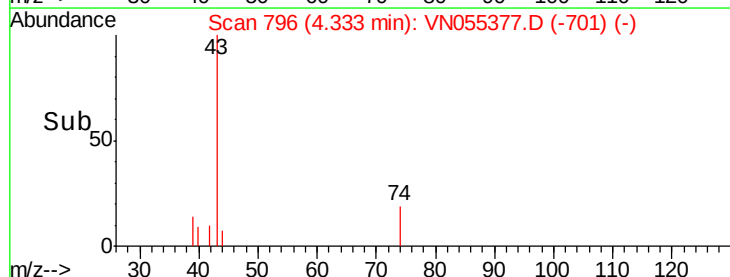
1500

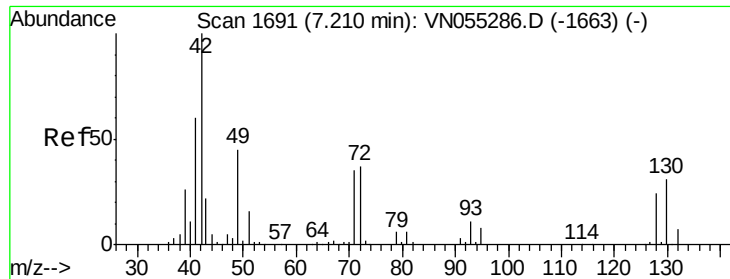
1000

500

0

Time-->

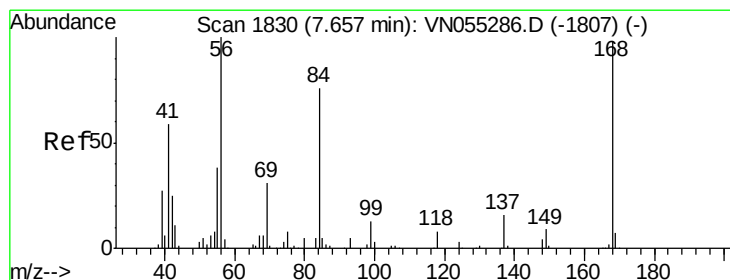
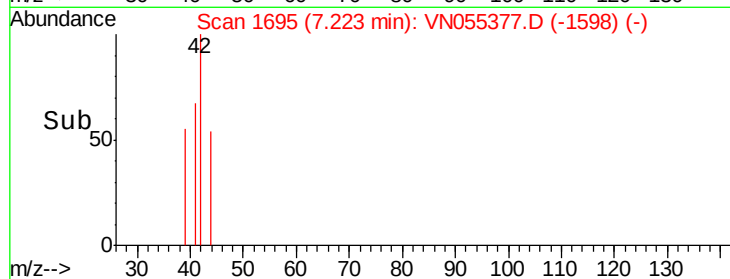
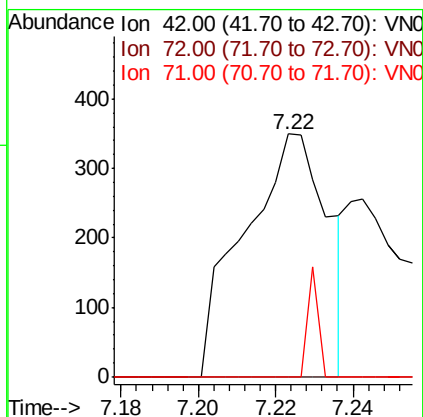
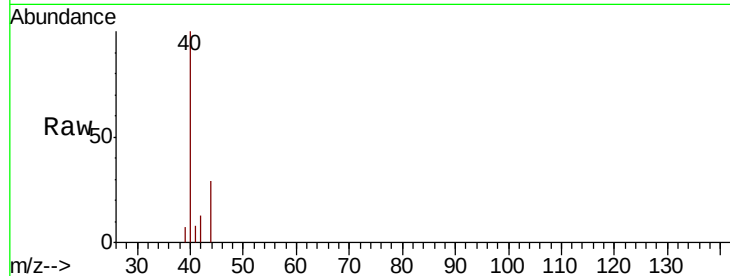




#29
Tetrahydrofuran
Concen: 0.384 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055377.D
Acq: 3 May 2019 9:57

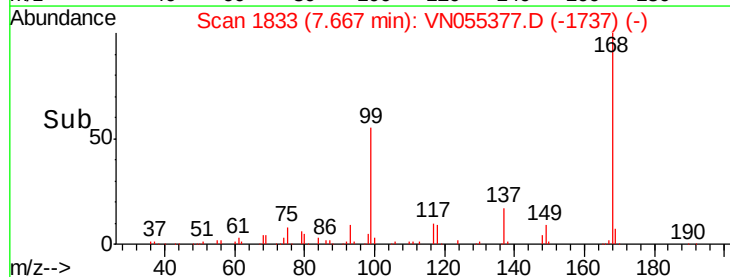
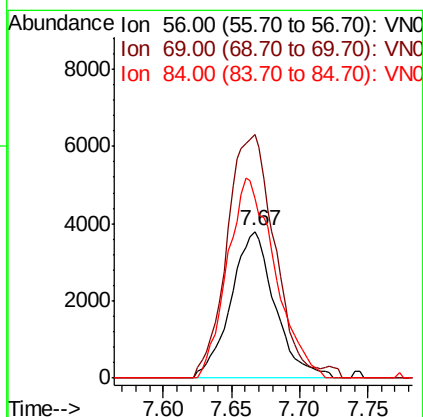
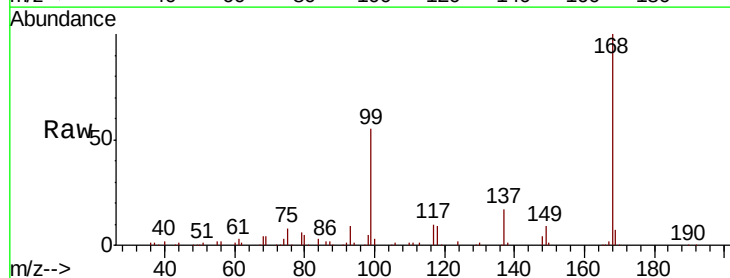
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBL01

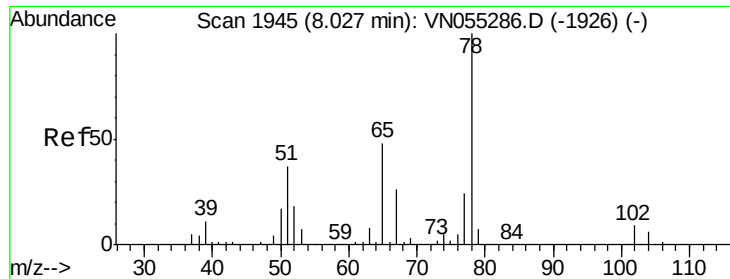
Tot Ion: 42 Resp: 524
Ion Ratio Lower Upper
42 100
72 0.0 29.0 43.6#
71 5.9 27.1 40.7#



#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055377.D
Acq: 3 May 2019 9:57

Tgt Ion: 56 Resp: 8514
Ion Ratio Lower Upper
56 100
69 165.9 25.2 37.8#
84 122.1 61.1 91.7#

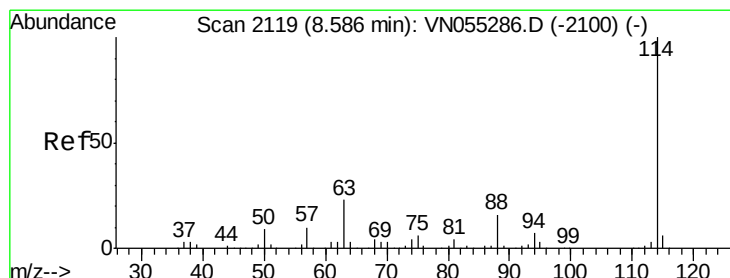
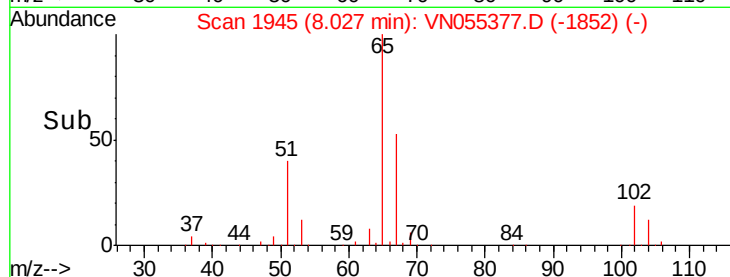
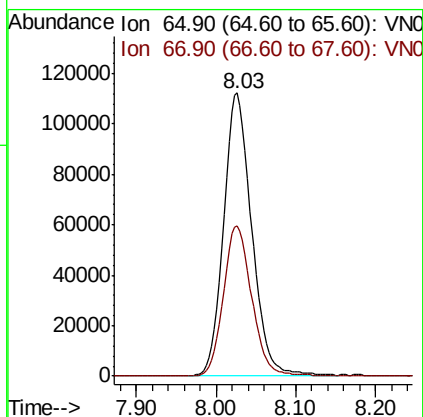
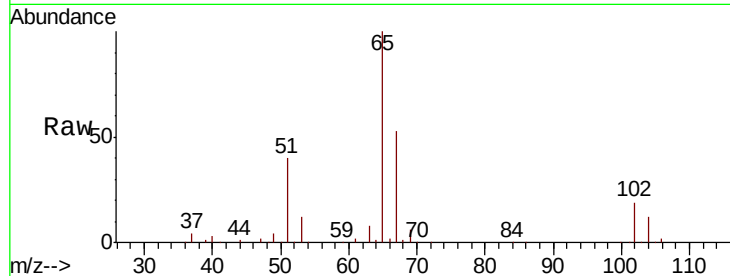




#33
 1,2-Dichloroethane-d4
 Concen: 50.683 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055377.D
 Acq: 3 May 2019 9:57

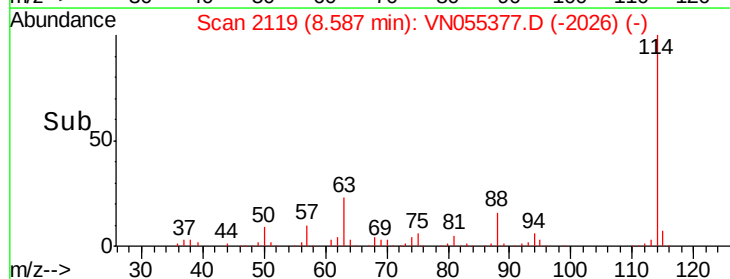
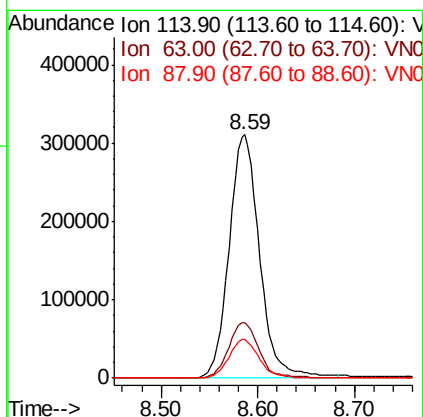
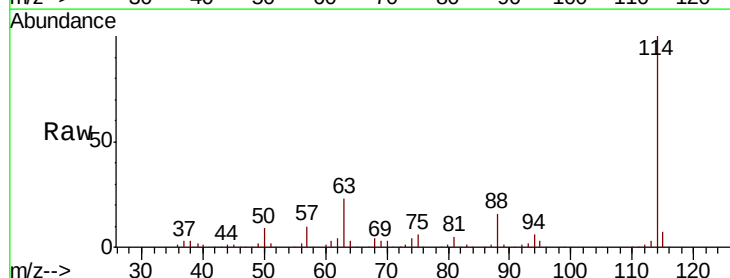
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBL01

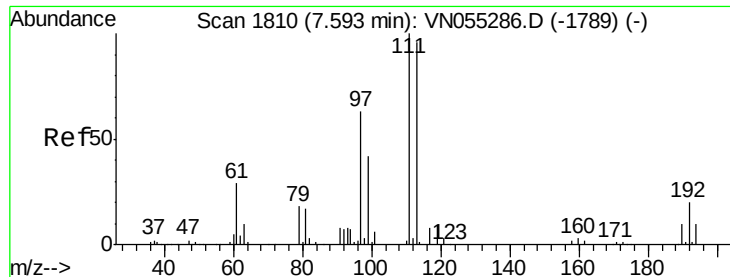
Tot Ion: 65 Resp: 270772
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055377.D
 Acq: 3 May 2019 9:57

Tgt Ion: 114 Resp: 681099
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.696 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBL01

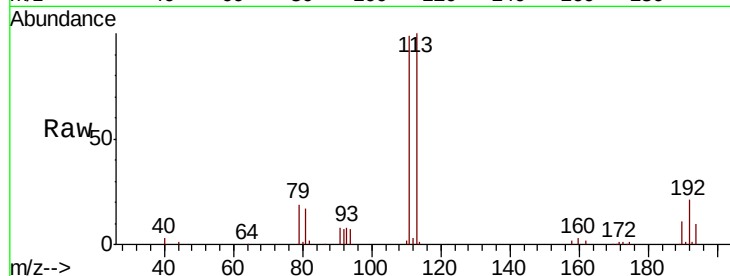
Tot Ion:113 Resp: 222165

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

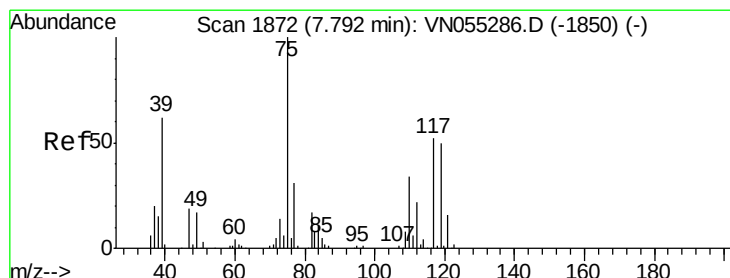
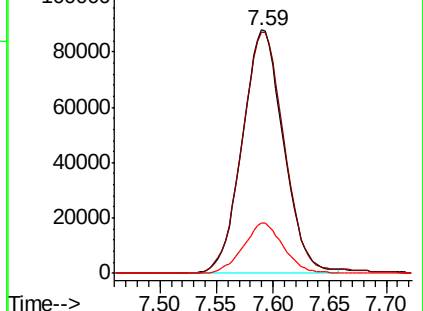
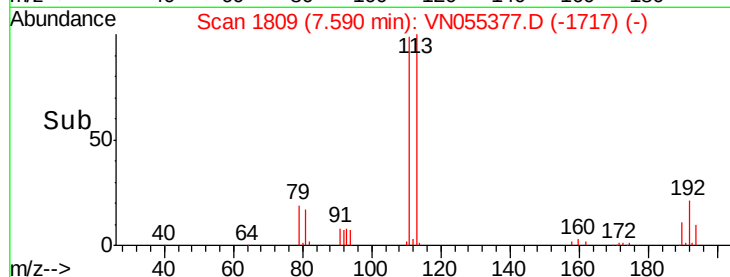
192 20.4 17.0 25.6



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: 4.738 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

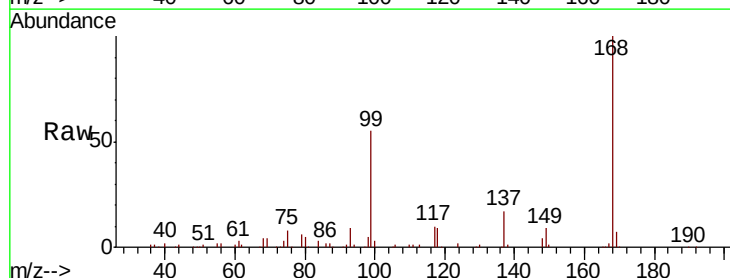
Tgt Ion: 75 Resp: 30913

Ion Ratio Lower Upper

75 100

110 9.3 16.8 50.4#

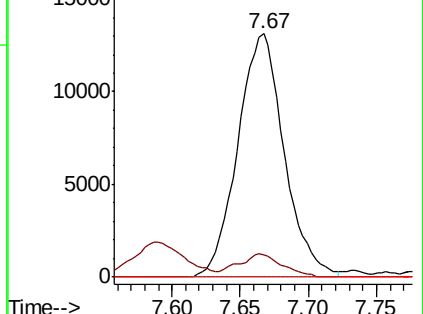
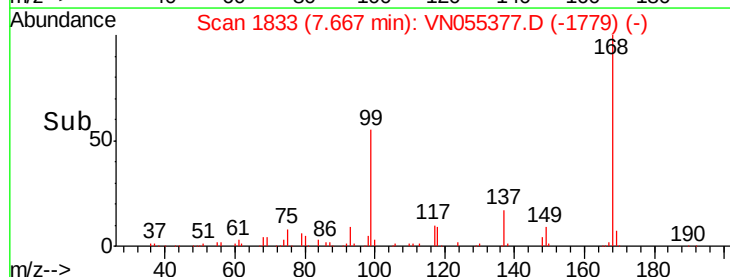
77 0.0 25.0 37.6#

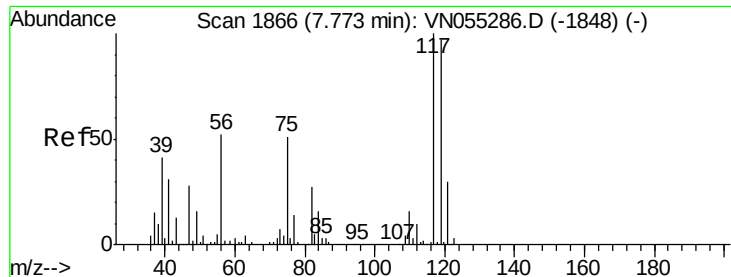


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.354 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

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ClientSampleId :

VN0503MBL01

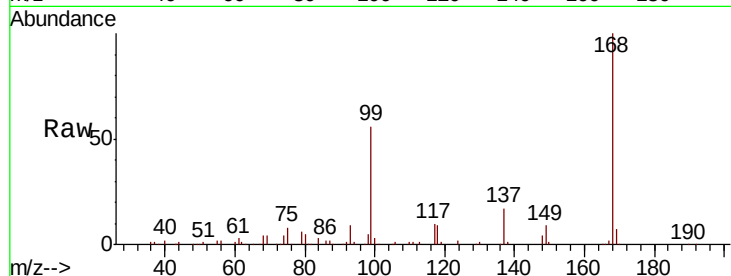
Tot Ion:117 Resp: 39984

Ion Ratio Lower Upper

117 100

119 5.2 77.0 115.6#

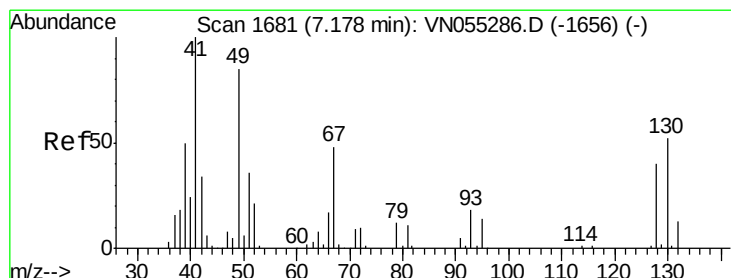
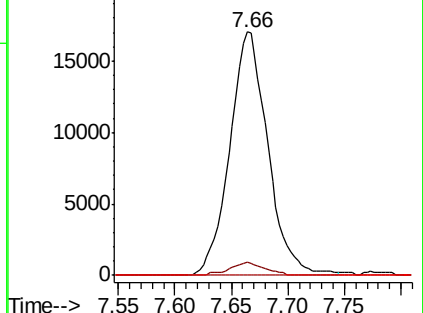
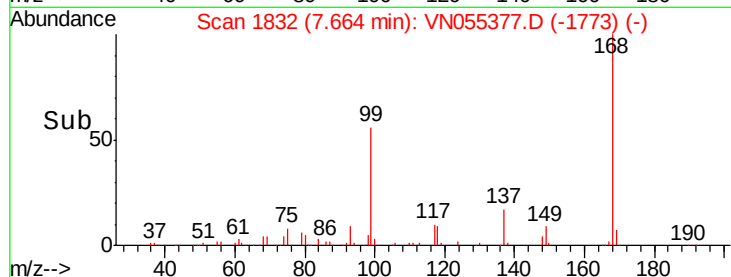
121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.827 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.05 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Tgt Ion: 41 Resp: 240

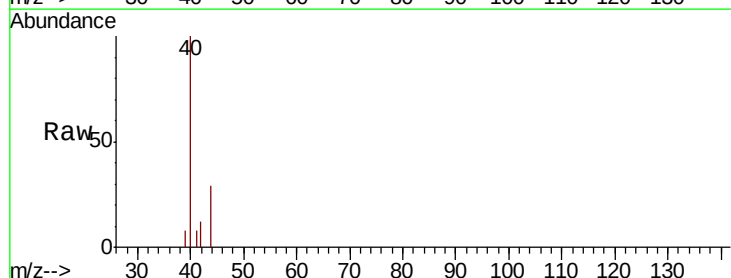
Ion Ratio Lower Upper

41 100

39 88.8 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

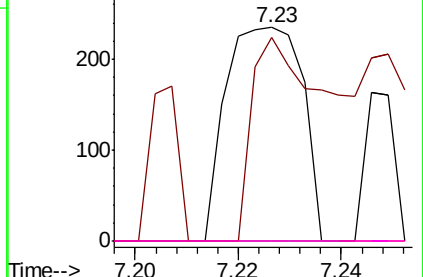
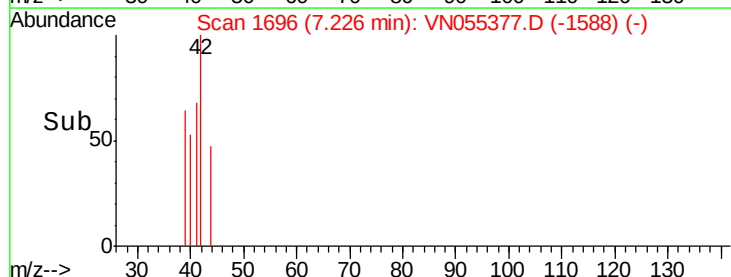


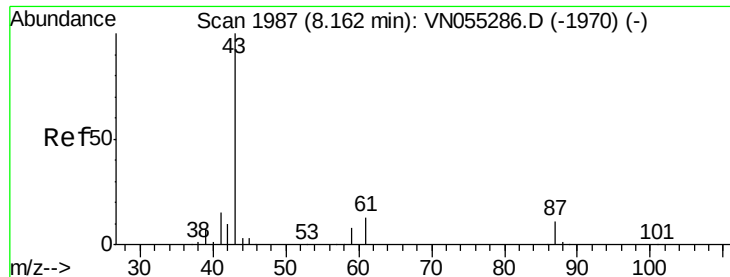
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 2.097 ug/l

RT: 8.27 min Scan# 2019

Delta R.T. 0.10 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBL01

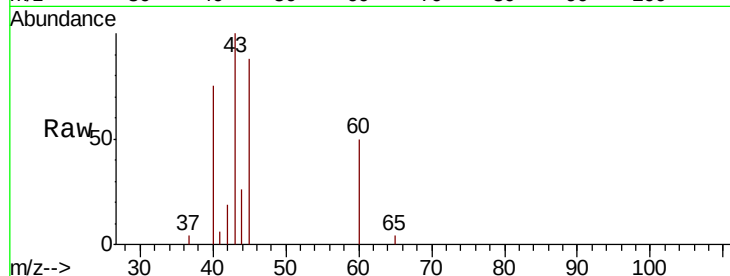
Tot Ion: 43 Resp: 16849

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

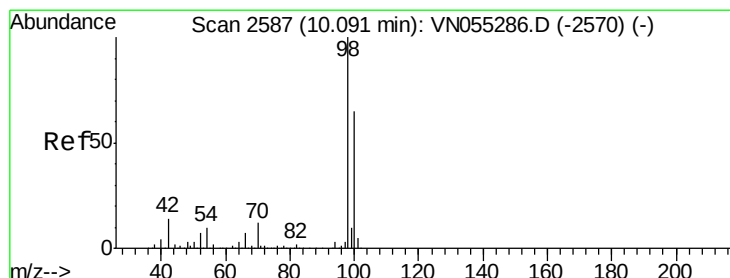
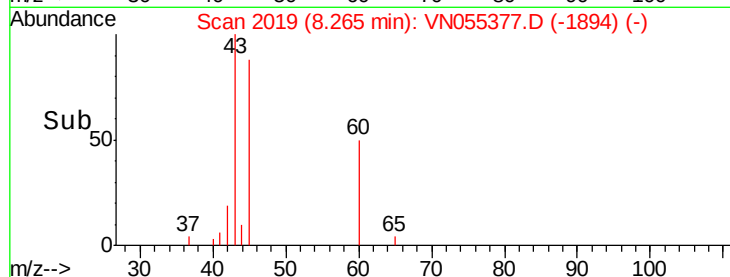
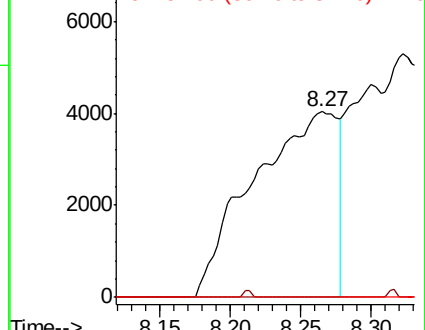
87 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.927 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055377.D

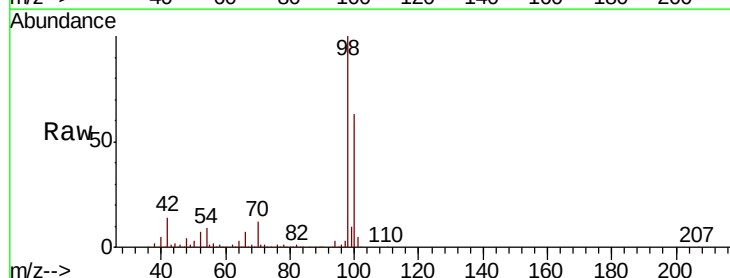
Acq: 3 May 2019 9:57

Tgt Ion: 98 Resp: 838234

Ion Ratio Lower Upper

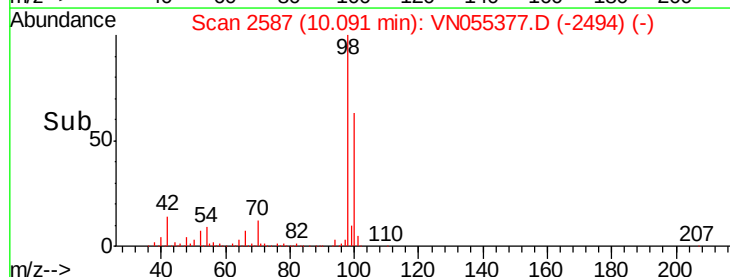
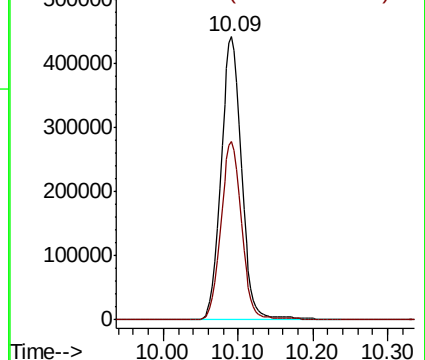
98 100

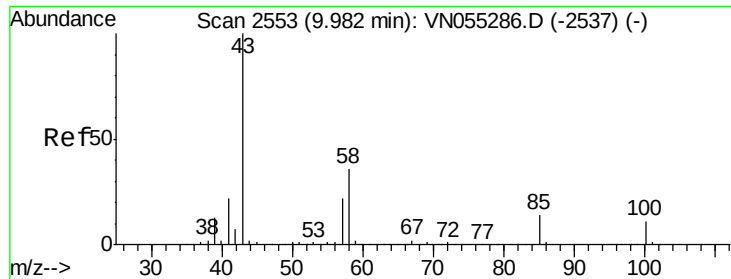
100 63.8 51.7 77.5



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: 0.270 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

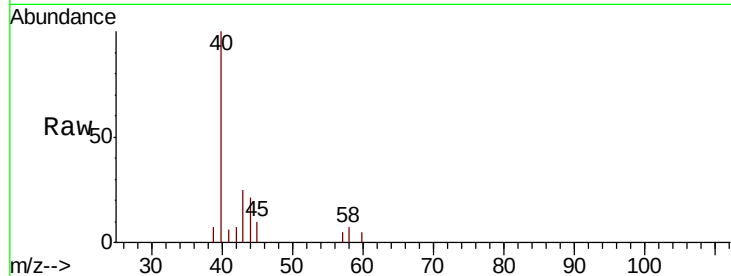
VN0503MBL01

Tot Ion: 43 Resp: 1223

Ion Ratio Lower Upper

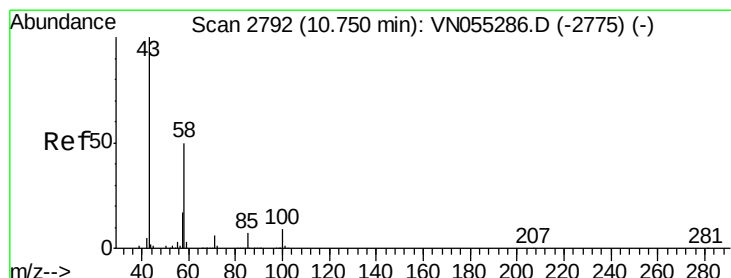
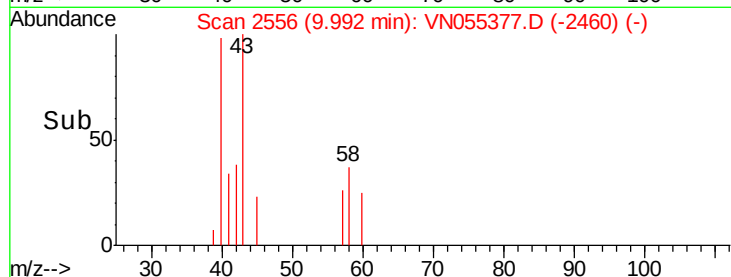
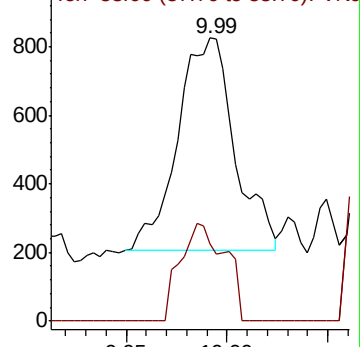
43 100

58 36.4 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#59

2-Hexanone

Concen: 0.231 ug/l

RT: 10.75 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN055377.D

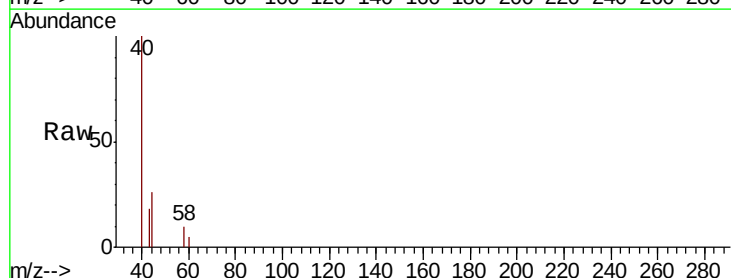
Acq: 3 May 2019 9:57

Tgt Ion: 43 Resp: 654

Ion Ratio Lower Upper

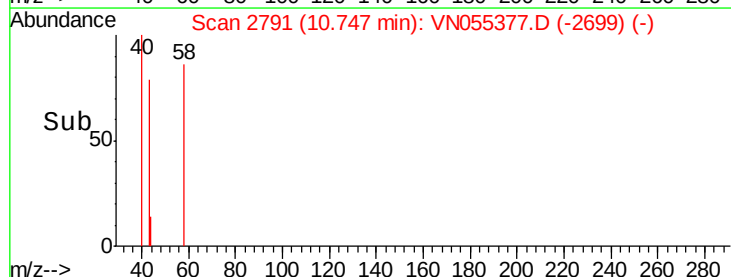
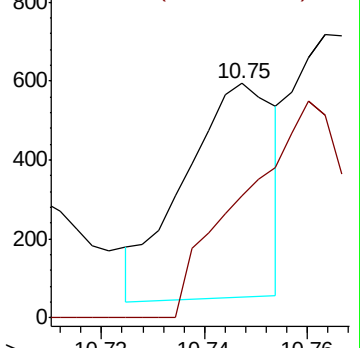
43 100

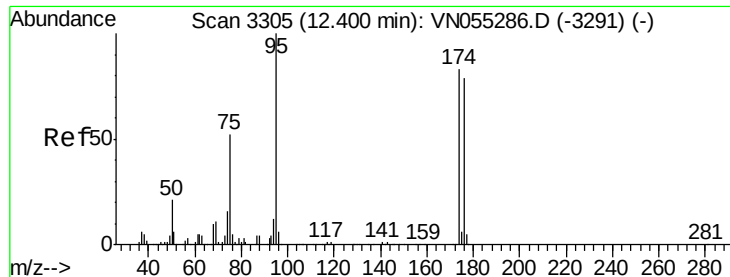
58 0.0 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

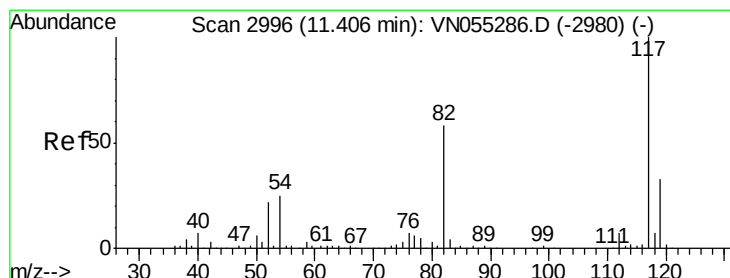
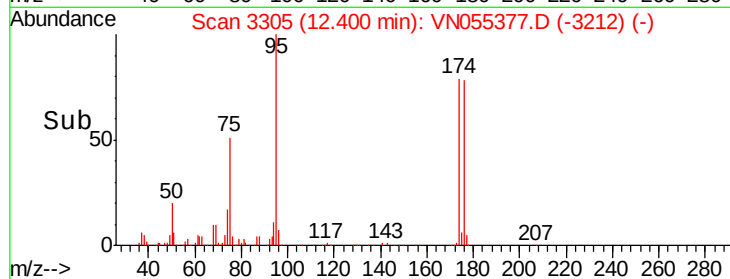
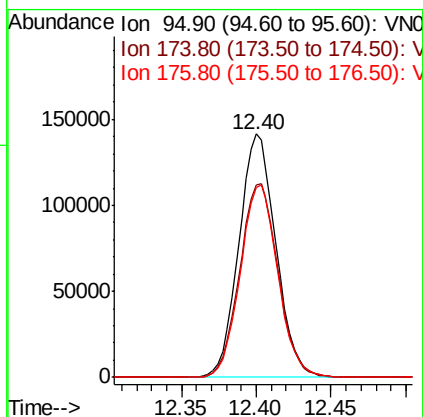
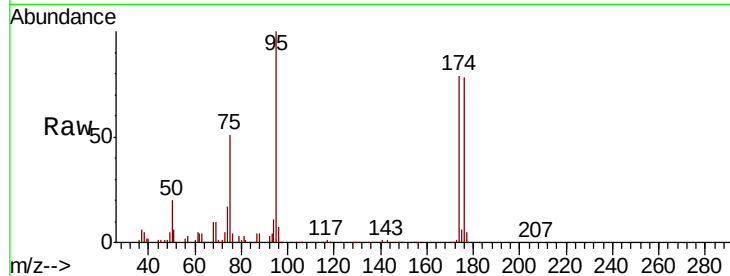




#62
4-Bromofluorobenzene
Concen: 48.242 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055377.D
Acq: 3 May 2019 9:57

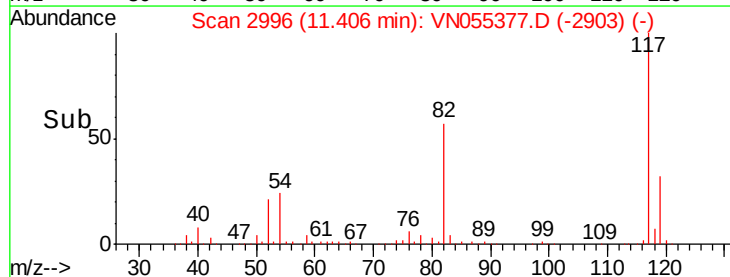
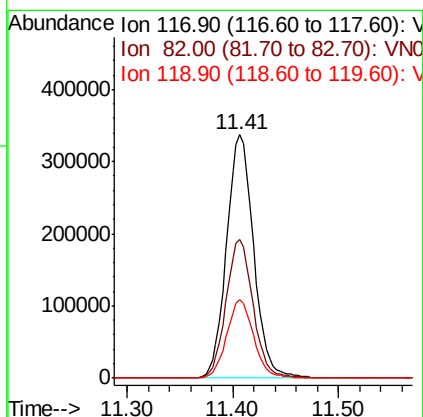
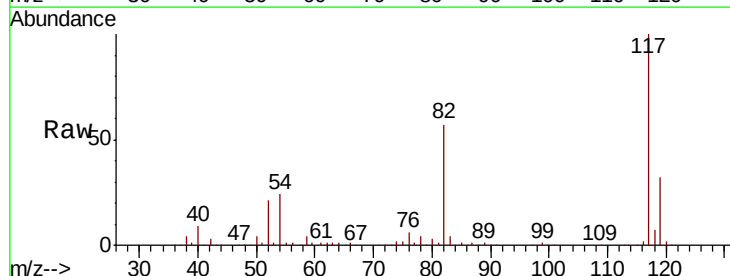
Instrument :
MSVOA_N
ClientSampleId :
VN0503MBL01

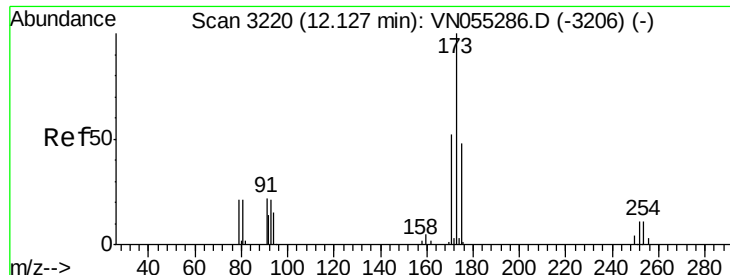
Tot Ion: 95 Resp: 243384
Ion Ratio Lower Upper
95 100
174 82.6 0.0 166.6
176 80.1 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055377.D
Acq: 3 May 2019 9:57

Tgt Ion: 117 Resp: 599021
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.3 26.6 40.0





#71

Bromoform

Concen: 0.879 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBL01

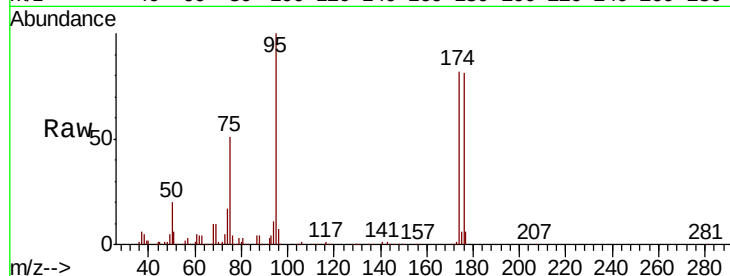
Tot Ion:173 Resp: 2236

Ion Ratio Lower Upper

173 100

175 584.6 23.6 71.0#

254 0.0 0.0 0.0

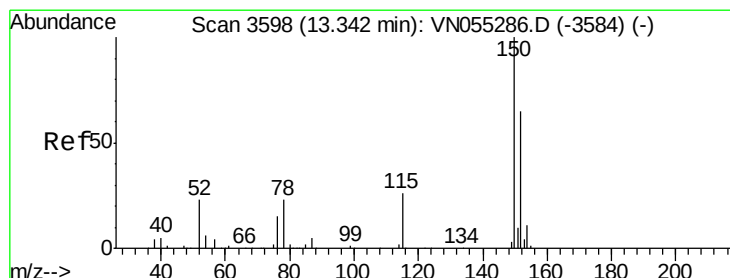
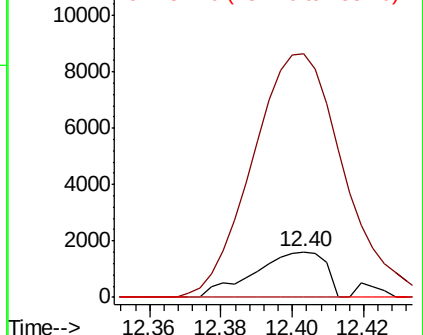
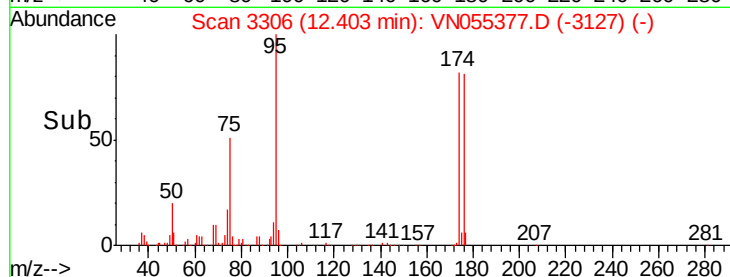


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

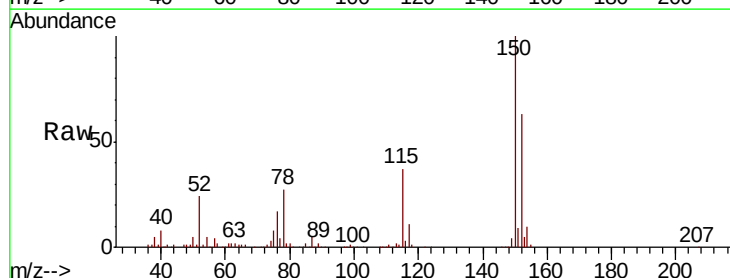
Tgt Ion:152 Resp: 143514

Ion Ratio Lower Upper

152 100

115 59.3 29.0 87.0

150 160.5 0.0 345.6

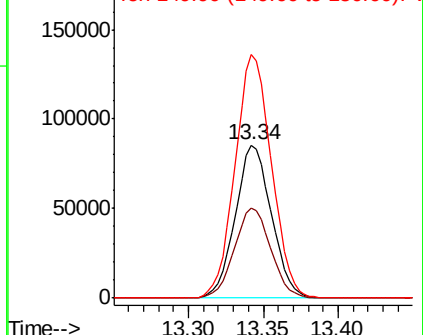
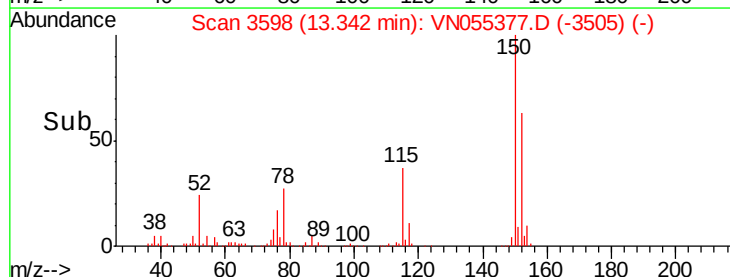


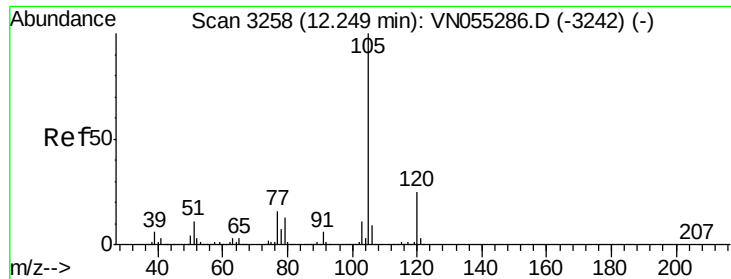
Abundance

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# 3257

Delta R.T. -0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

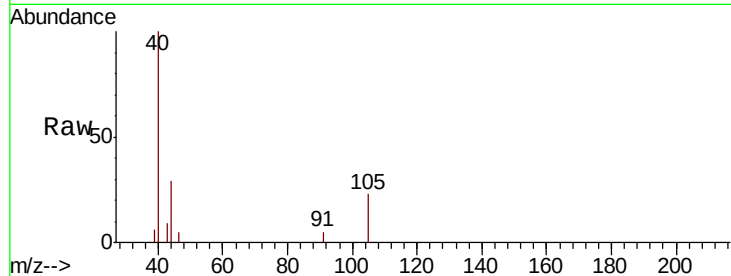
VN0503MBL01

Tot Ion:105 Resp: 1129

Ion Ratio Lower Upper

105 100

120 8.7 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800

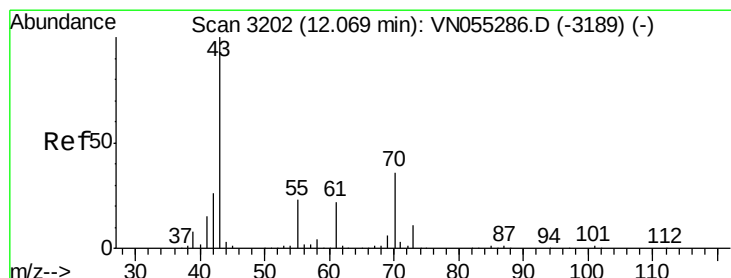
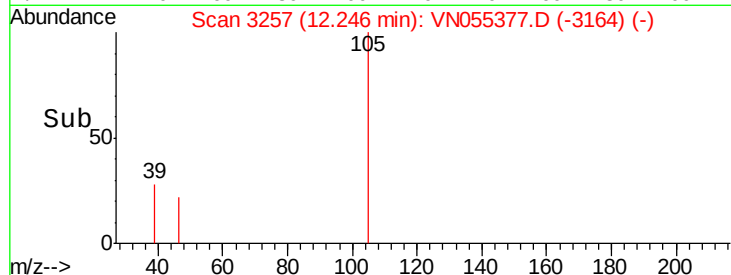
600

400

200

0

Time--> 12.20 12.25



#74

N-ethyl acetate

Concen: 0.497 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Tgt Ion: 43 Resp: 1830

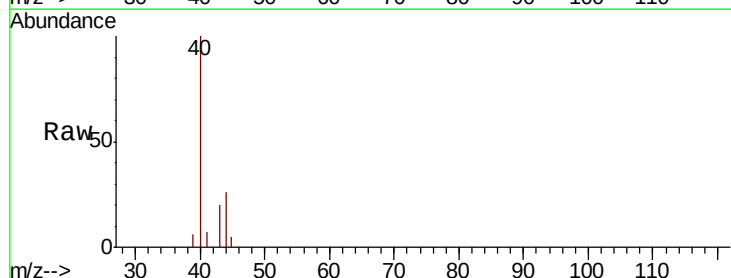
Ion Ratio Lower Upper

43 100

70 0.0 27.9 41.9#

55 7.2 18.2 27.2#

61 3.4 16.9 25.3#



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

800

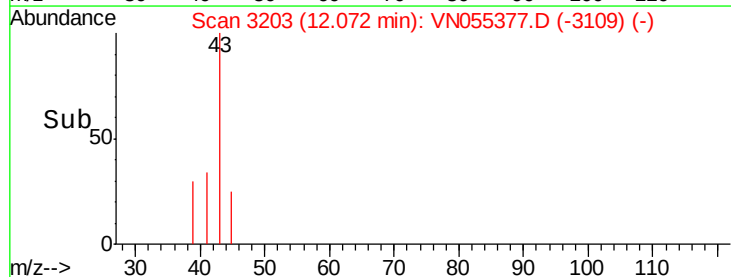
600

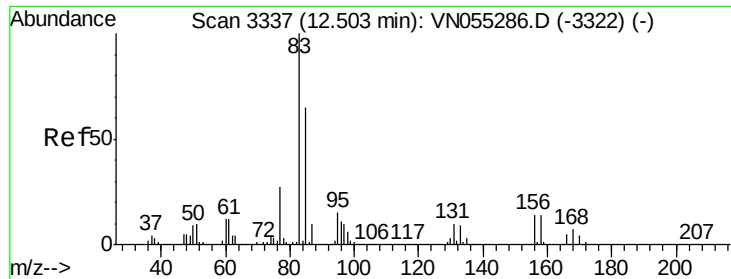
400

200

0

Time--> 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN0503MBL01

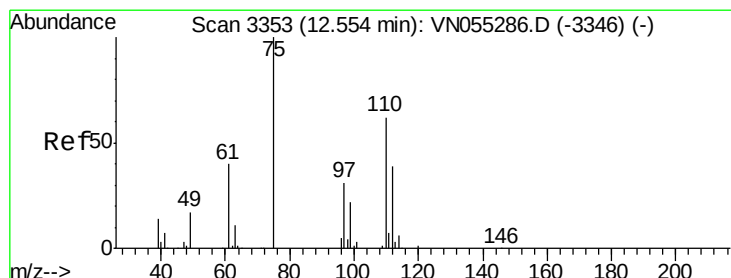
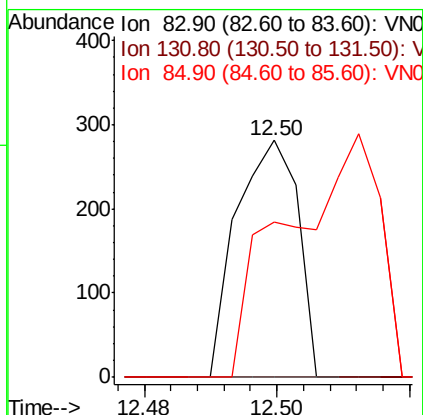
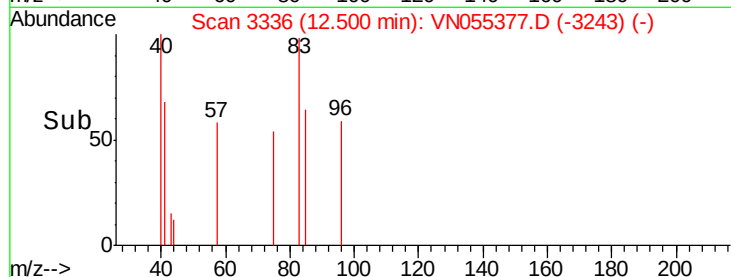
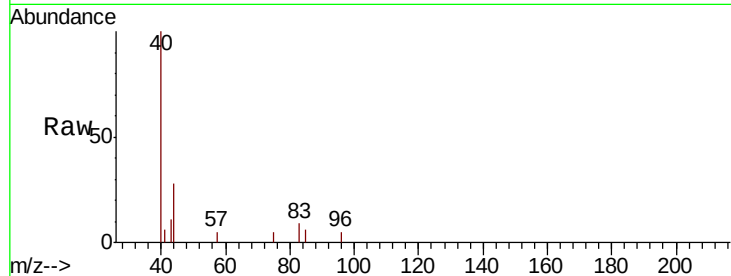
Tot Ion: 83 Resp: 181

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 154.1 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 46.445 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055377.D

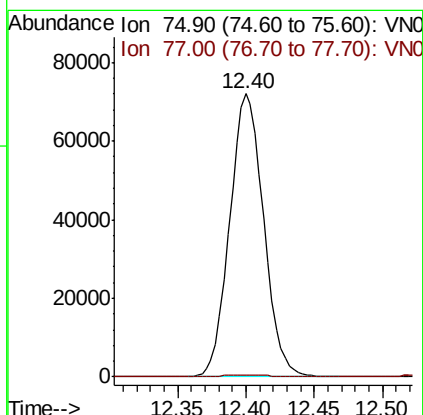
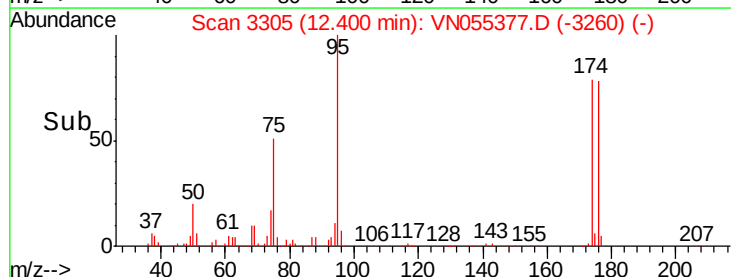
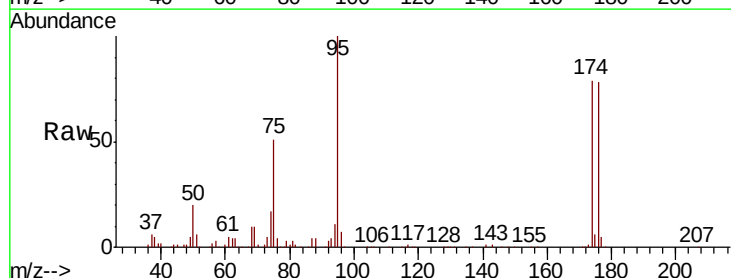
Acq: 3 May 2019 9:57

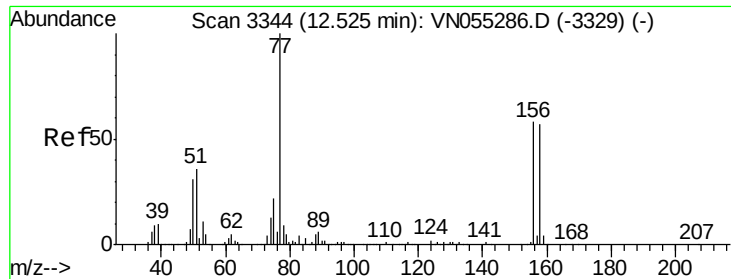
Tgt Ion: 75 Resp: 124374

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampled :

VN0503MBL01

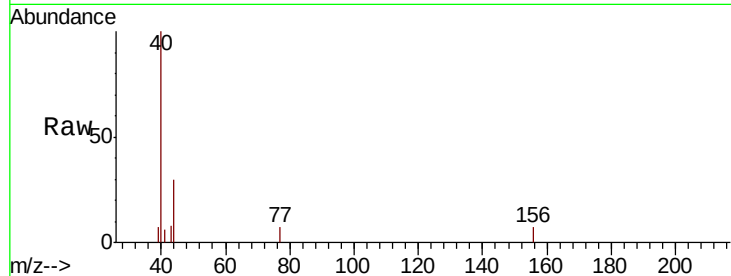
Tot Ion:156 Resp: 78

Ion Ratio Lower Upper

156 100

77 794.9 99.6 298.8#

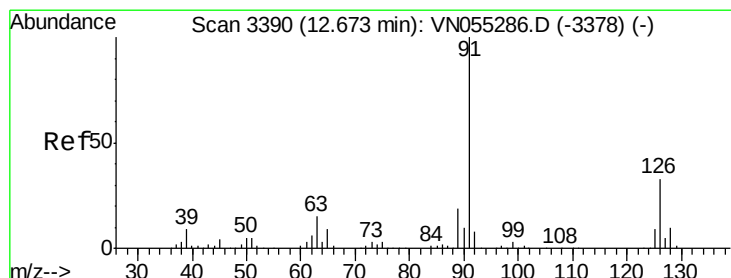
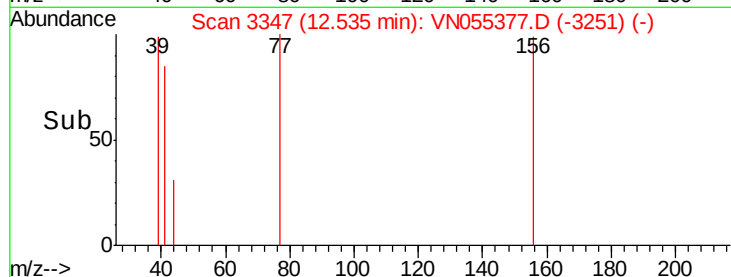
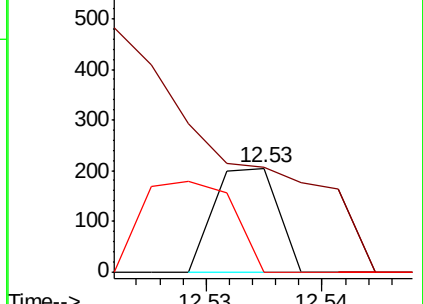
158 124.4 49.3 147.8



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



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN055377.D

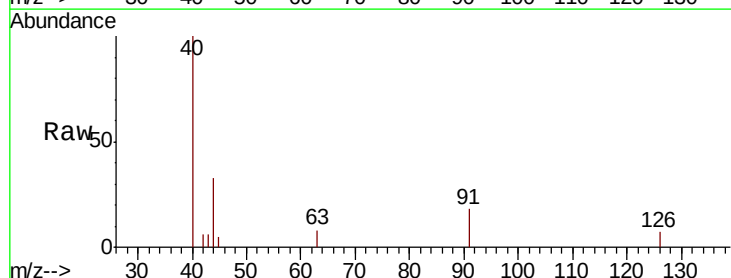
Acq: 3 May 2019 9:57

Tgt Ion: 91 Resp: 1117

Ion Ratio Lower Upper

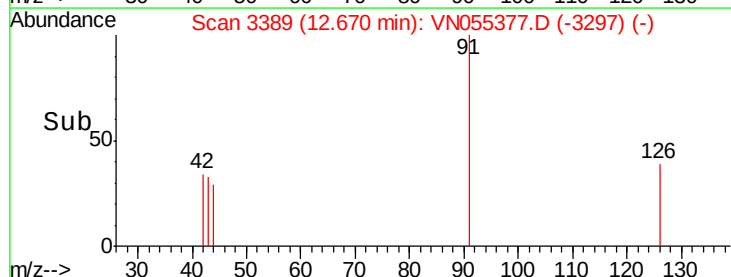
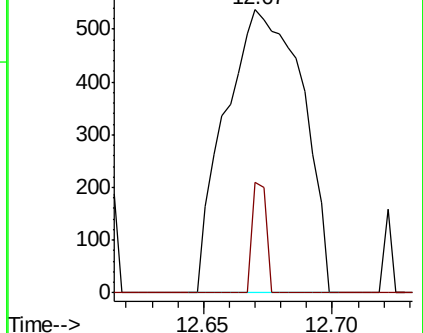
91 100

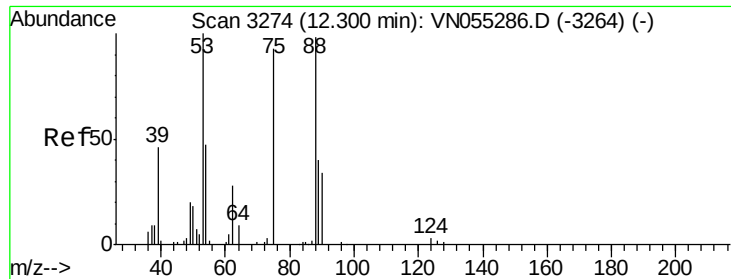
126 7.1 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 164.233 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampled :

VN0503MBL01

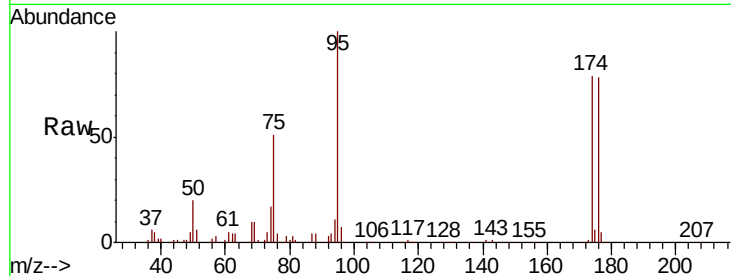
Tot Ion: 75 Resp: 124374

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

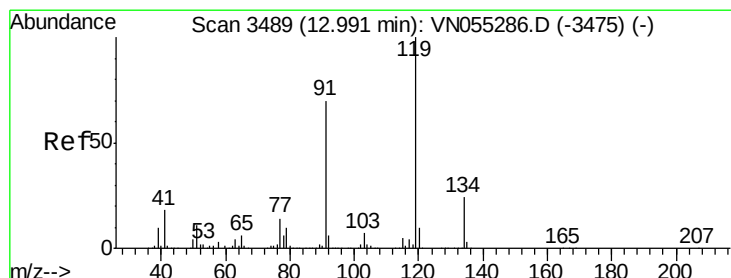
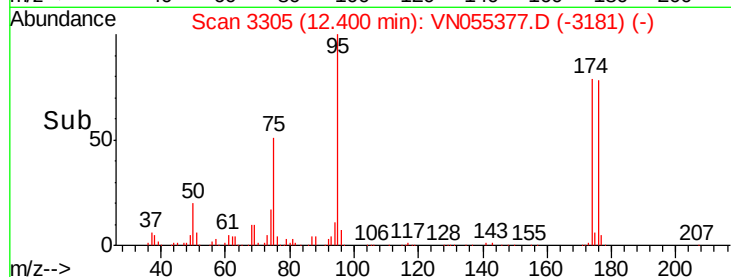
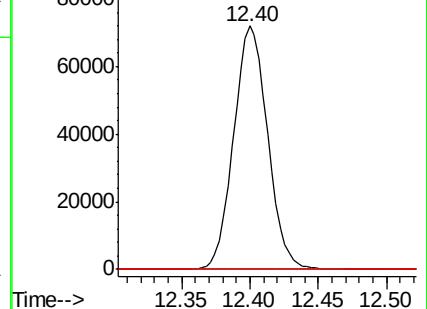
89 0.1 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055377.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055377.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055377.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

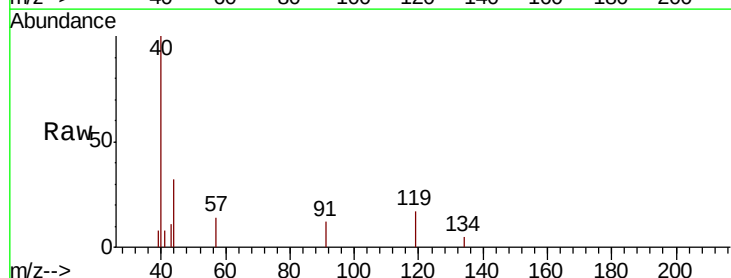
Tgt Ion: 119 Resp: 915

Ion Ratio Lower Upper

119 100

91 81.6 34.3 102.9

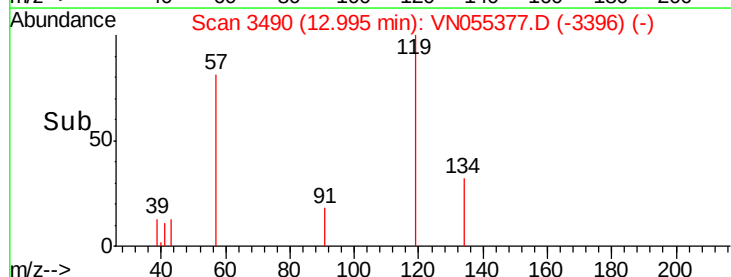
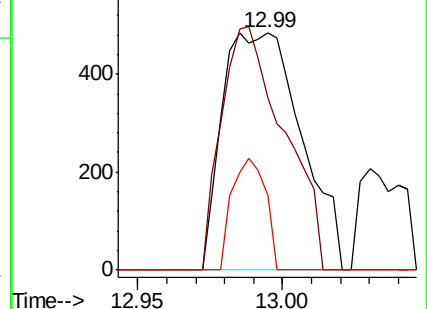
134 19.8 13.1 39.3

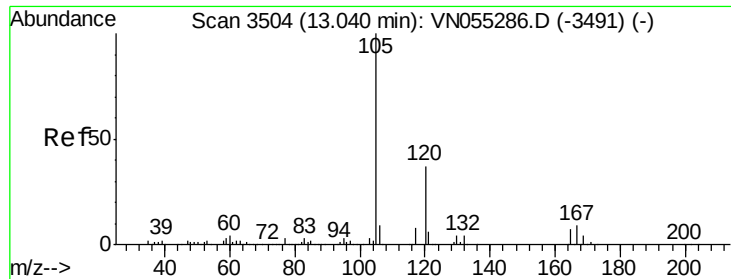


Abundance Ion 119.00 (118.70 to 119.70): VN055377.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN055377.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN055377.D (-3396) (-)





#84

1,2,4-Trimethylbenzene

Concen: 0.253 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampleId :

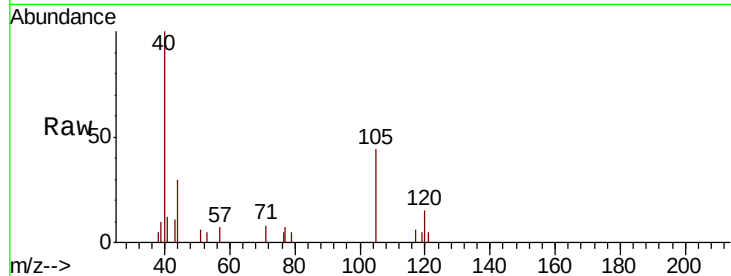
VN0503MBL01

Tot Ion:105 Resp: 2545

Ion Ratio Lower Upper

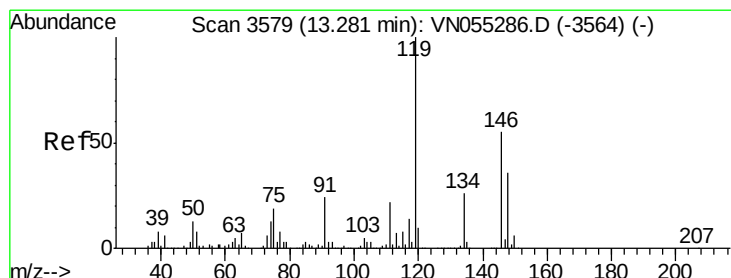
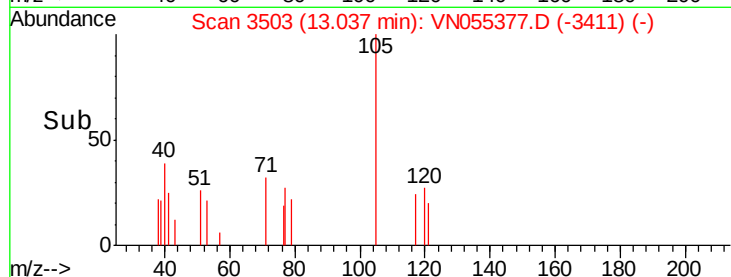
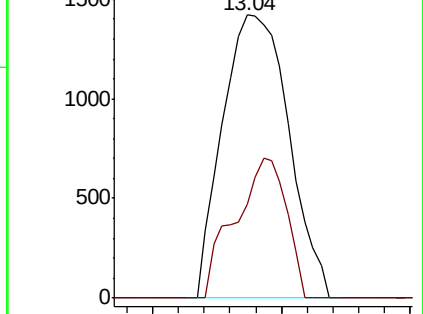
105 100

120 38.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#87

1,3-Dichlorobenzene

Concen: 0.239 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

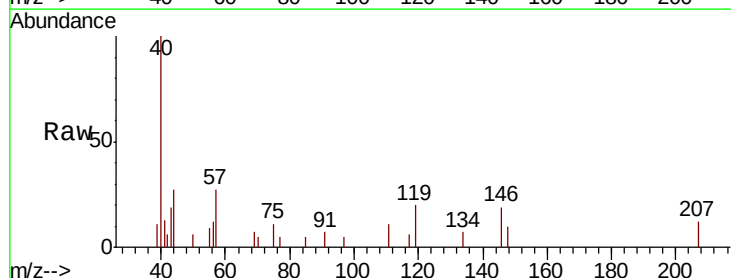
Tgt Ion:146 Resp: 1150

Ion Ratio Lower Upper

146 100

111 41.7 20.3 60.8

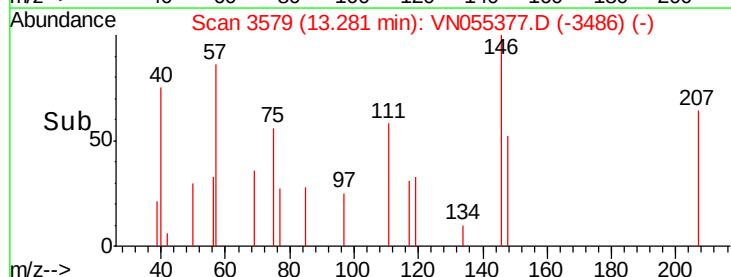
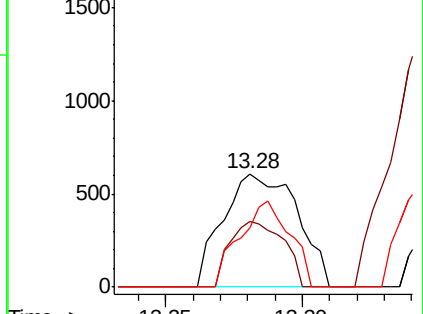
148 51.1 32.5 97.5

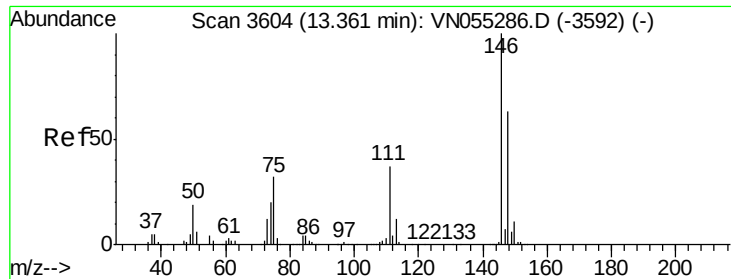


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.254 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.08 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampled :

VN0503MBL01

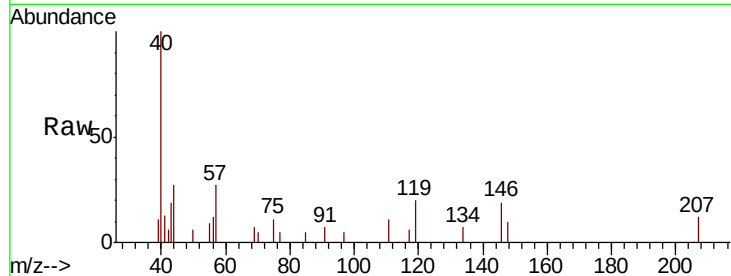
Tot Ion:146 Resp: 1150

Ion Ratio Lower Upper

146 100

111 41.7 19.5 58.5

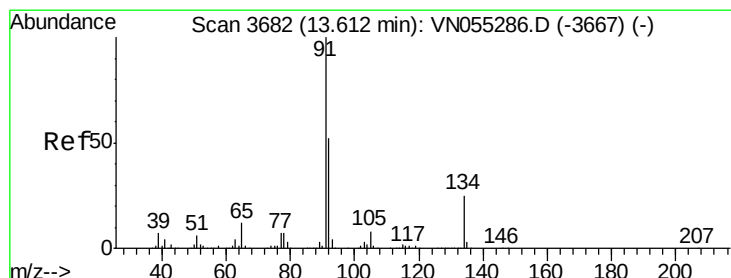
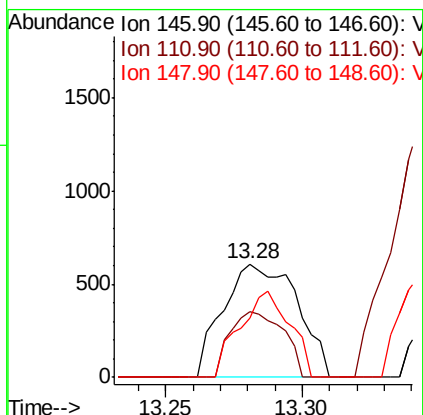
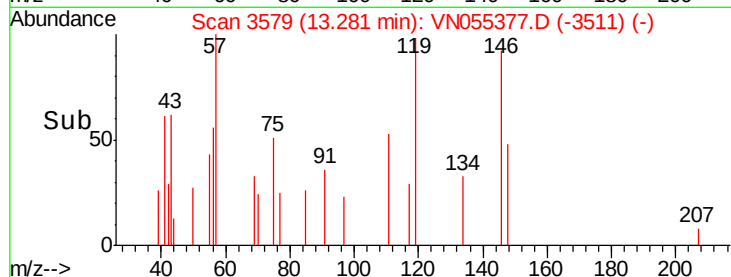
148 51.1 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.298 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

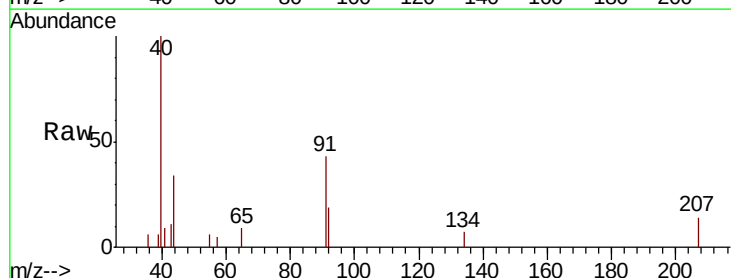
Tgt Ion: 91 Resp: 2128

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.3

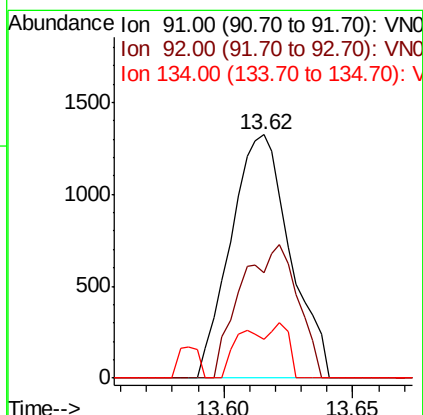
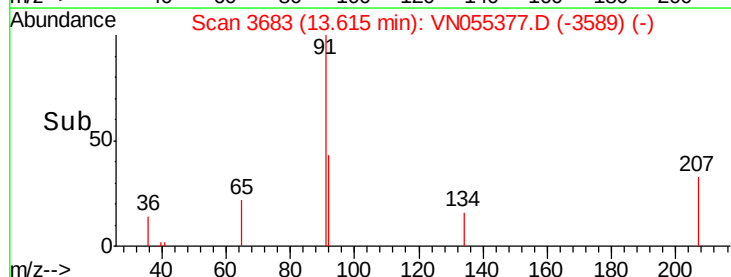
134 7.4 12.4 37.4#

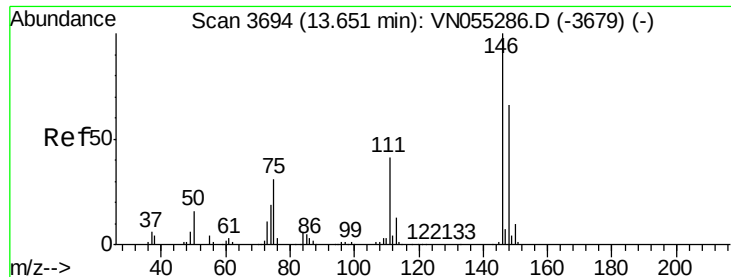


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

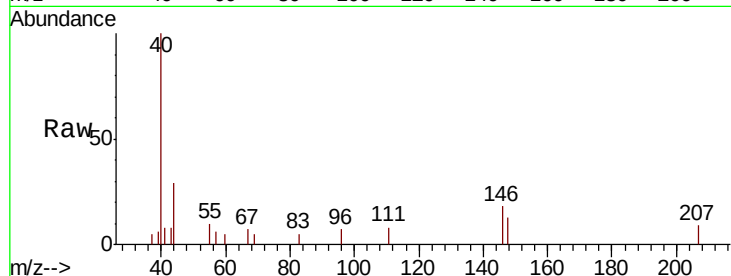




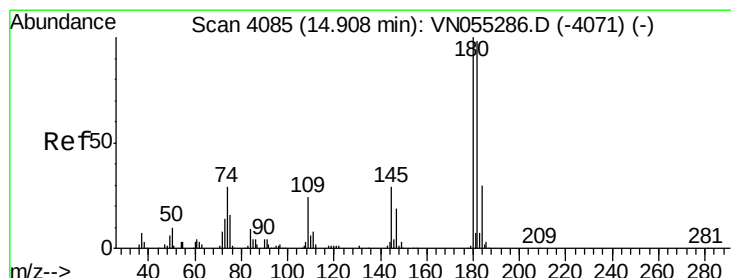
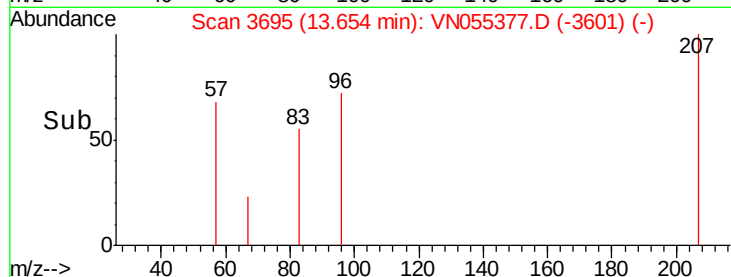
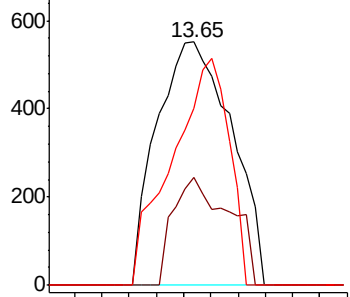
#91
 1,2-Dichlorobenzene
 Concen: 0.221 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055377.D
 Acq: 3 May 2019 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	33.6	20.3	61.0
148	70.9	32.4	97.2

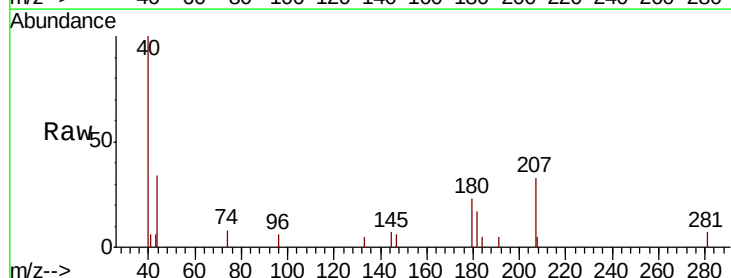


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

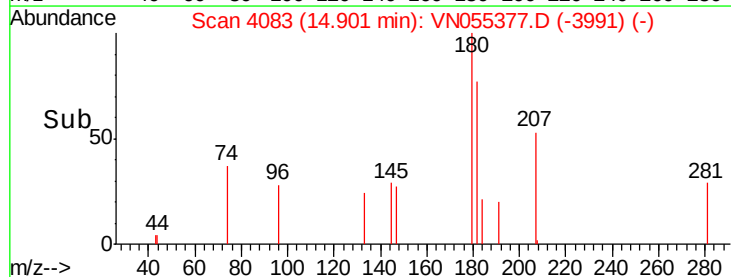
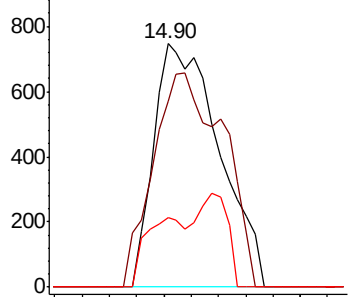


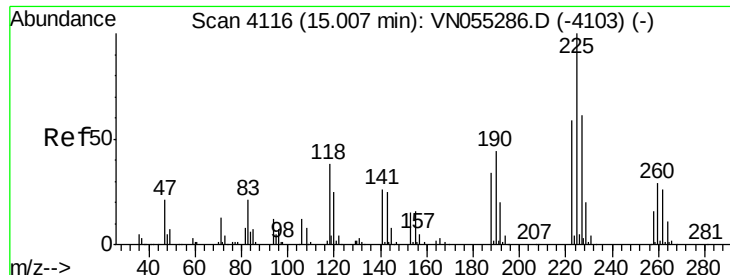
#93
 1,2,4-Trichlorobenzene
 Concen: 3.931 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN055377.D
 Acq: 3 May 2019 9:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.3	144.9
145	17.3	14.2	42.6



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





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

Instrument :

MSVOA_N

ClientSampled :

VN0503MBL01

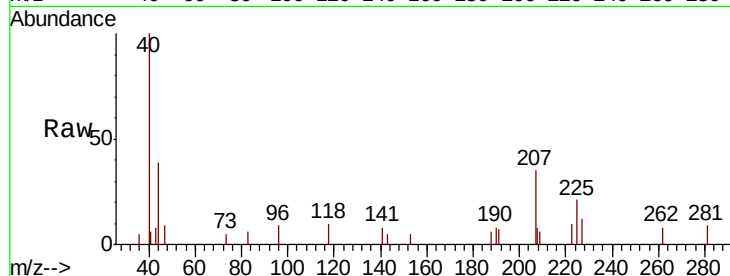
Tot Ion:225 Resp: 845

Ion Ratio Lower Upper

225 100

223 43.0 30.3 90.8

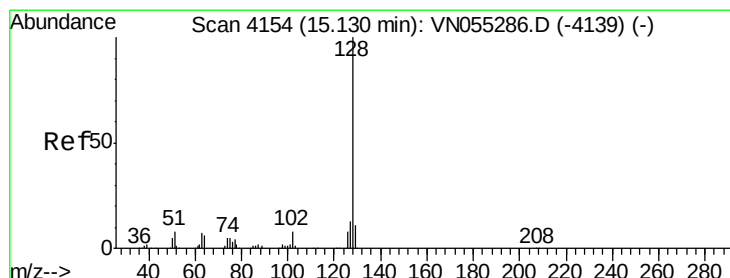
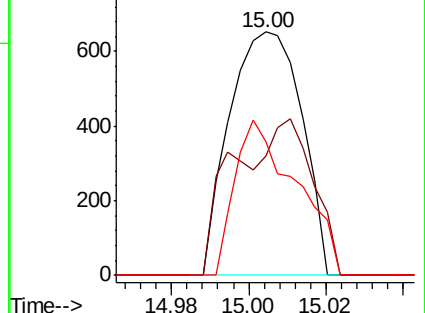
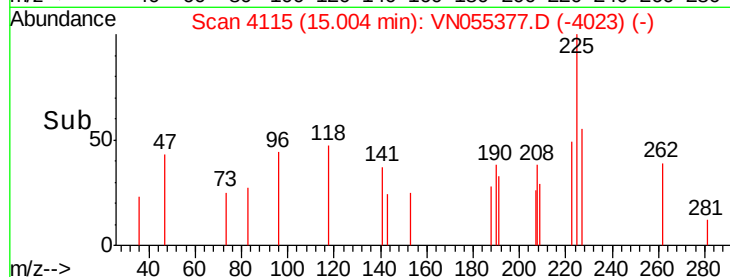
227 54.3 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.026 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055377.D

Acq: 3 May 2019 9:57

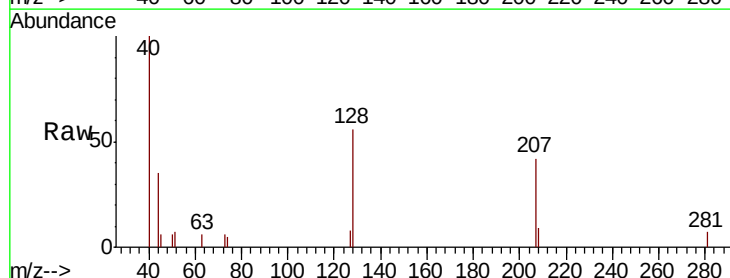
Tgt Ion:128 Resp: 2983

Ion Ratio Lower Upper

128 100

127 10.5 10.7 16.1#

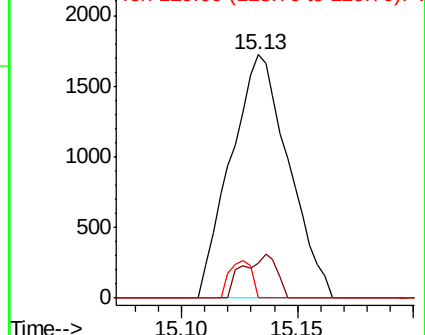
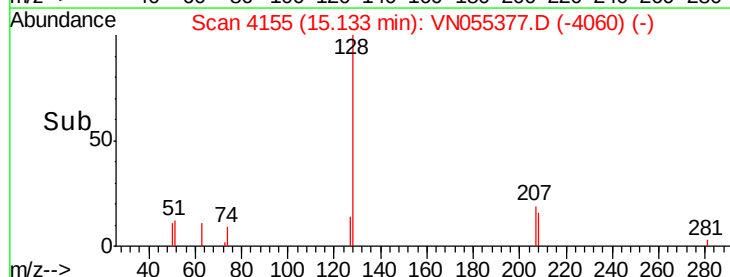
129 5.9 8.6 13.0#

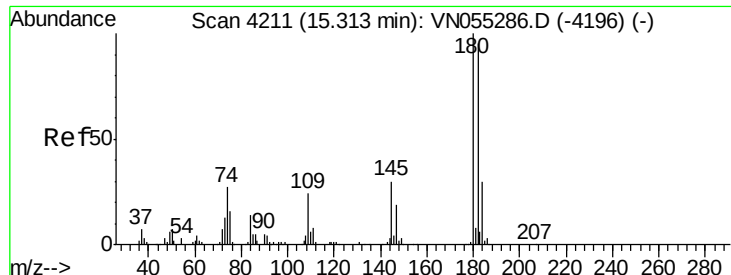


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.621 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055377.D
 Acq: 3 May 2019 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503MBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.9	48.3	144.9
145	32.1	15.2	45.6

