

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055337.D
 Acq On : 2 May 2019 9:31
 Operator : JC/SP
 Sample : VN0502MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502MBL01

Quant Time: May 03 01:50:18 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	352588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	594323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134404	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	249139	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	
35) Dibromofluoromethane	7.59	113	197580	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	10.09	98	748547	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.40	95	215550	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	

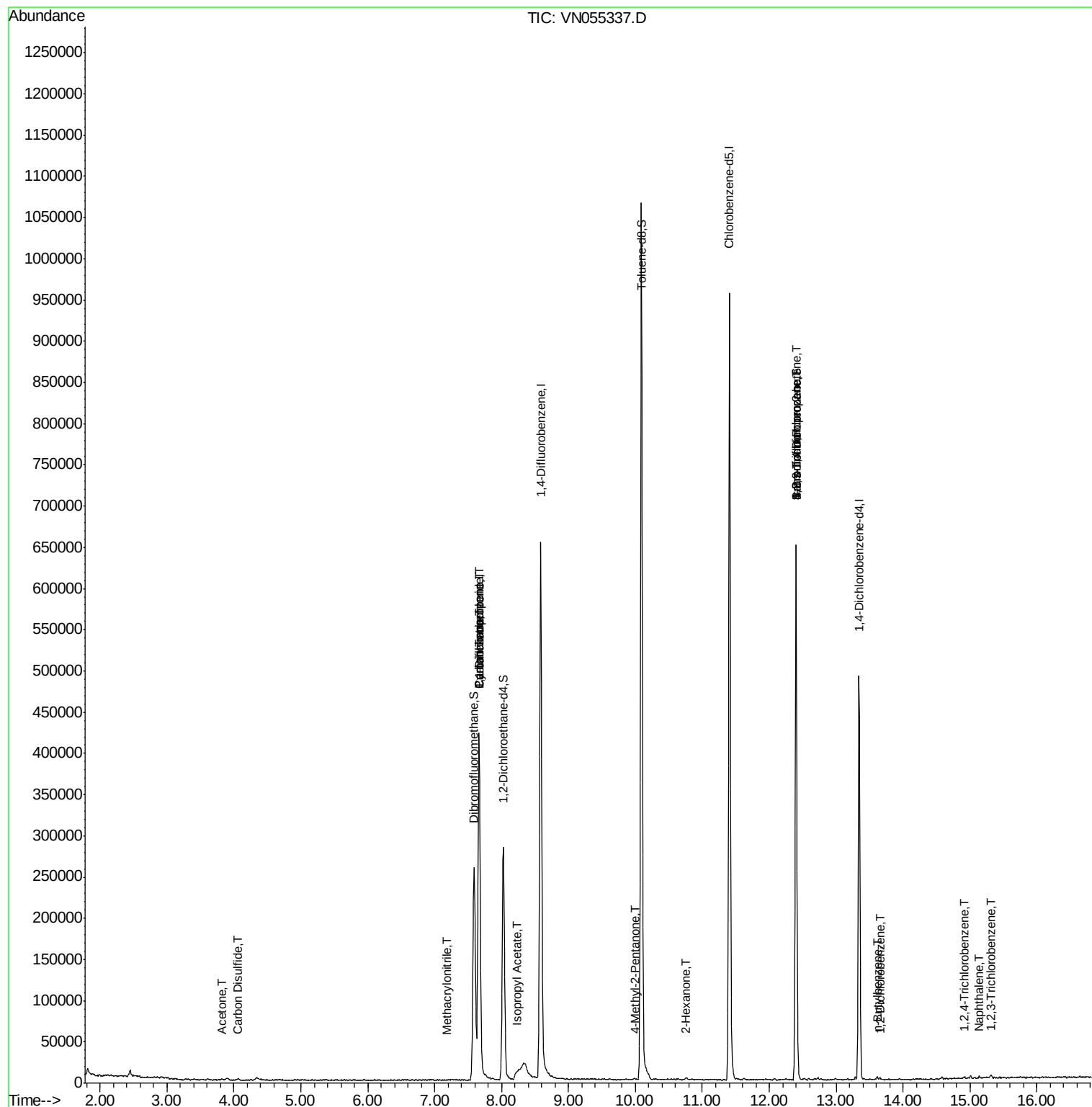
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	2166	1.507	ug/l #	89
17) Carbon Disulfide	4.06	76	2437	0.268	ug/l #	73
18) Methyl Acetate	4.33	43	2264	Below Cal	#	86
31) Cyclohexane	7.66	56	8376	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	26463	4.649	ug/l #	51
38) Carbon Tetrachloride	7.67	117	34121	6.214	ug/l #	16
41) Methacrylonitrile	7.18	41	30	0.752	ug/l #	30
43) Isopropyl Acetate	8.23	43	8885	1.267	ug/l #	56
51) 4-Methyl-2-Pentanone	9.99	43	1663	0.421	ug/l #	39
59) 2-Hexanone	10.76	43	1789	0.724	ug/l #	60
71) Bromoform	12.40	173	1274	0.549	ug/l #	1
73) Isopropylbenzene	12.25	105	933	Below Cal	#	73
75) 1,1,2,2-Tetrachloroethane	12.51	83	115	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	115741	46.134	ug/l #	100
77) Bromobenzene	12.53	156	159	Below Cal	#	1
79) 2-Chlorotoluene	12.67	91	804	Below Cal		80
81) trans-1,4-Dichloro-2-buten	12.40	75	115741	163.192	ug/l #	7
83) tert-Butylbenzene	13.00	119	688	Below Cal		89
89) n-Butylbenzene	13.61	91	1639	0.245	ug/l	73
90) Hexachloroethane	13.88	117	58	Below Cal	#	7
91) 1,2-Dichlorobenzene	13.65	146	1011	0.227	ug/l #	60
93) 1,2,4-Trichlorobenzene	14.91	180	998	3.841	ug/l #	70
94) Hexachlorobutadiene	15.01	225	952	Below Cal		86
95) Naphthalene	15.13	128	2694	4.001	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.31	180	1208	3.274	ug/l #	18

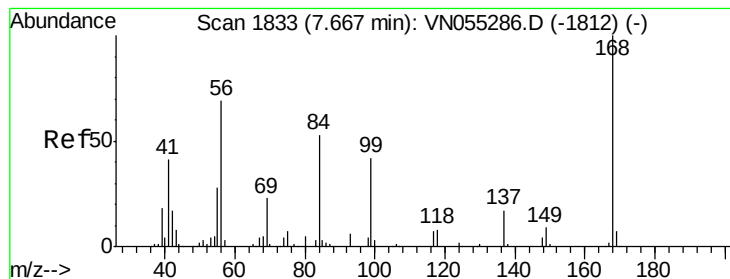
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055337.D
Acq On : 2 May 2019 9:31
Operator : JC/SP
Sample : VN0502MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Quant Time: May 03 01:50:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
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: VN055337.D

Acq: 2 May 2019 9:31

Instrument :

MSVOA_N

ClientSampleId :

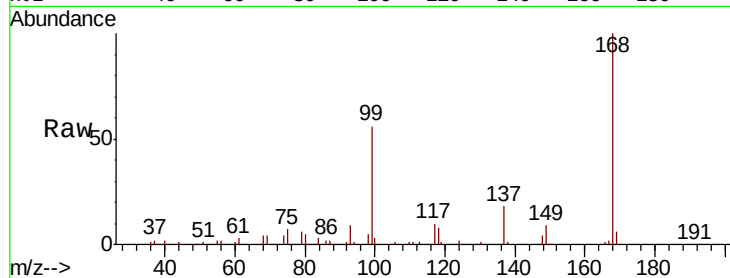
VN0502MBL01

Tot Ion:168 Resp: 352588

Ion Ratio Lower Upper

168 100

99 55.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

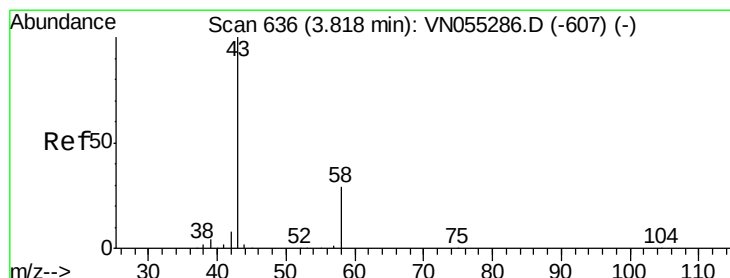
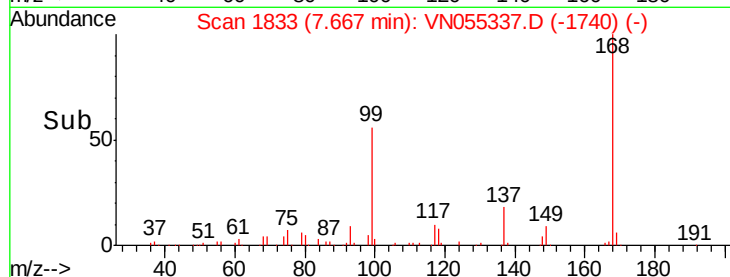
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.507 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN055337.D

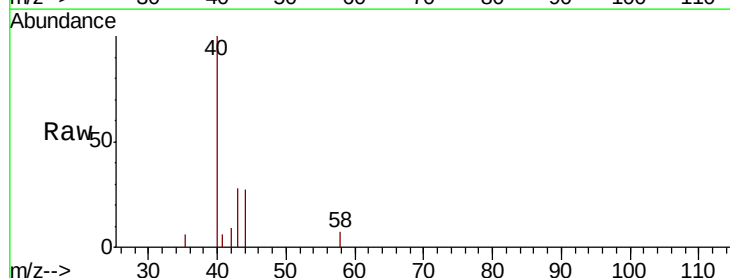
Acq: 2 May 2019 9:31

Tgt Ion: 43 Resp: 2166

Ion Ratio Lower Upper

43 100

58 23.4 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

3.83

800

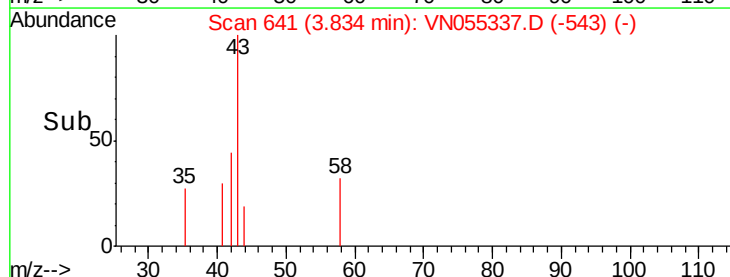
600

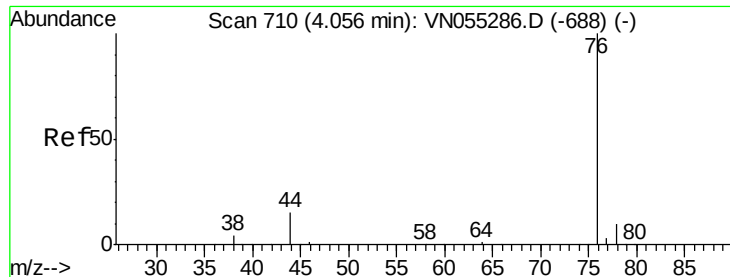
400

200

0

Time-->

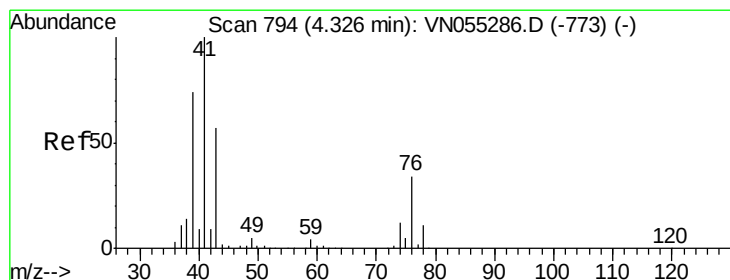
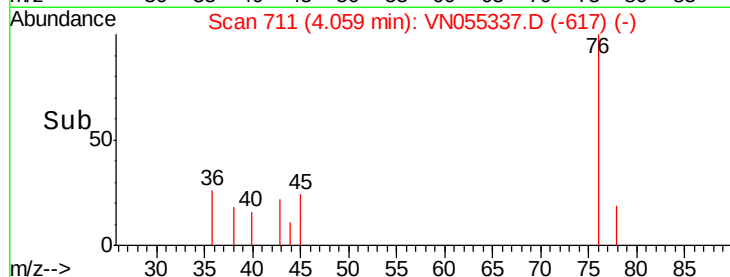
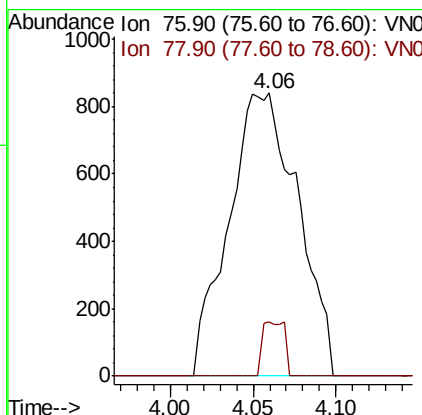
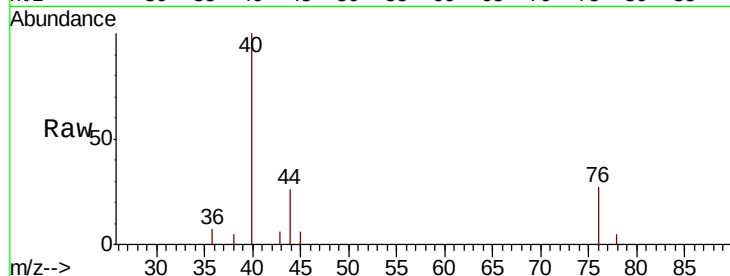




#17
Carbon Disulfide
Concen: 0.268 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

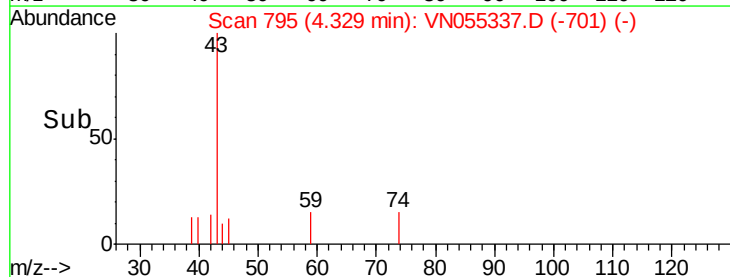
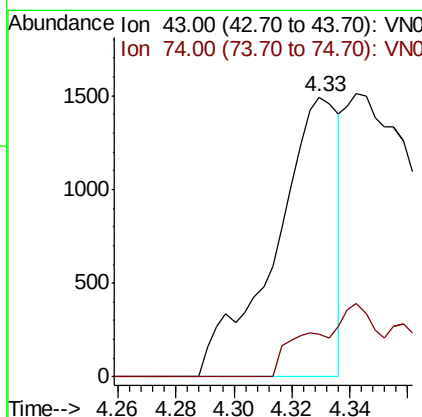
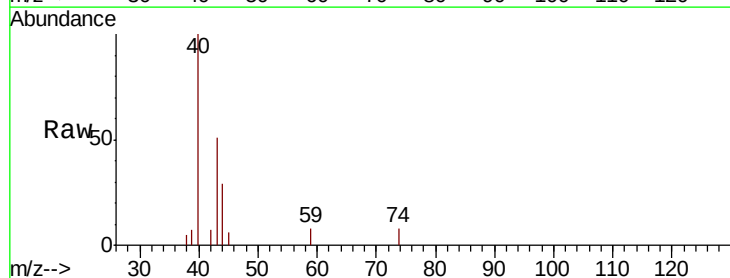
Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

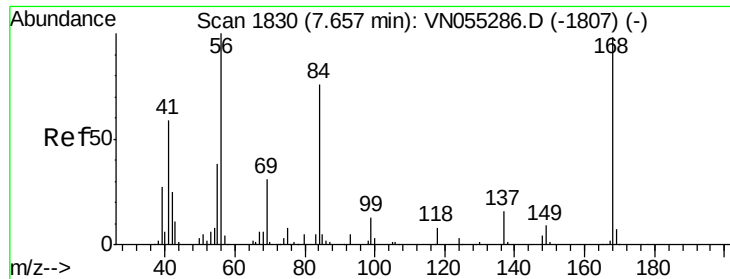
Tot Ion: 76 Resp: 2437
Ion Ratio Lower Upper
76 100
78 19.3 7.6 11.4#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 43 Resp: 2264
Ion Ratio Lower Upper
43 100
74 26.2 15.8 23.8#

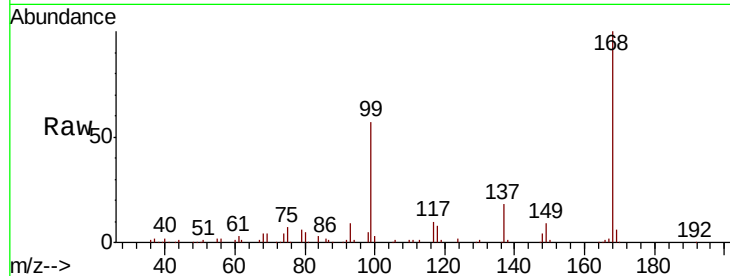




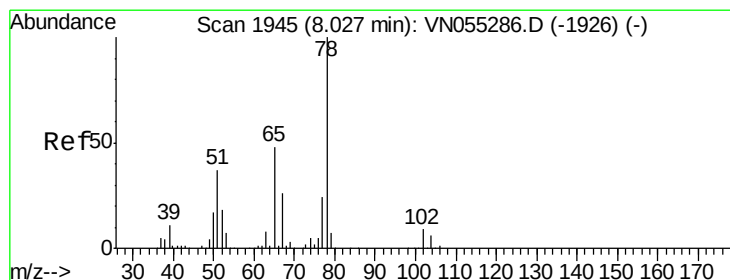
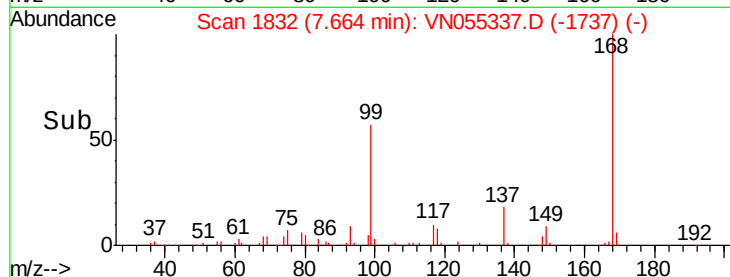
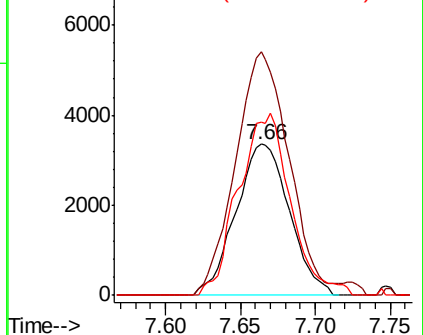
#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tot Ion: 56 Resp: 8376
Ion Ratio Lower Upper
56 100
69 161.4 25.2 37.8#
84 115.1 61.1 91.7#

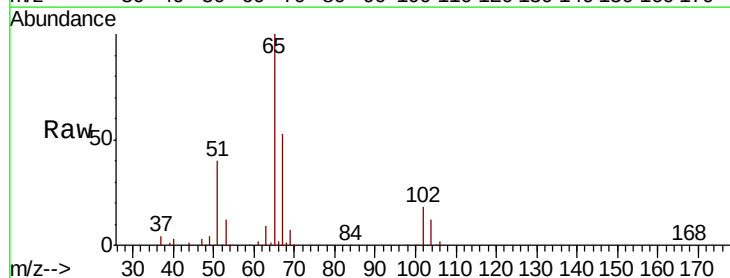


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

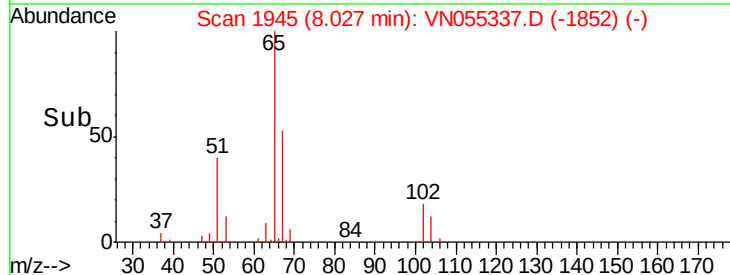
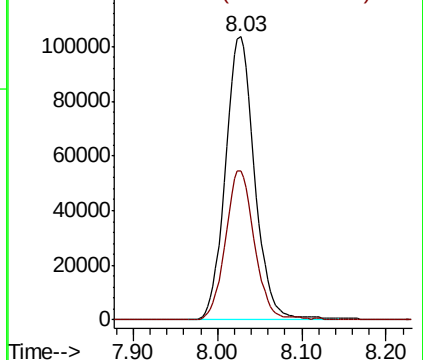


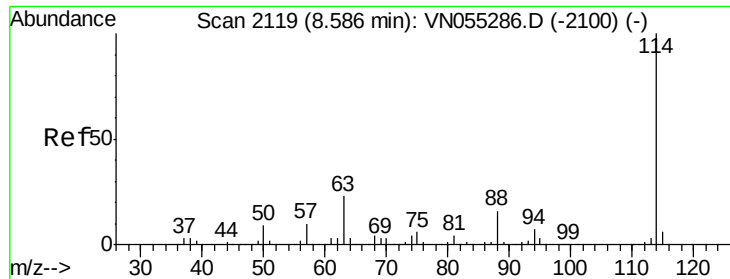
#33
1,2-Dichloroethane-d4
Concen: 54.012 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 65 Resp: 249139
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.8



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

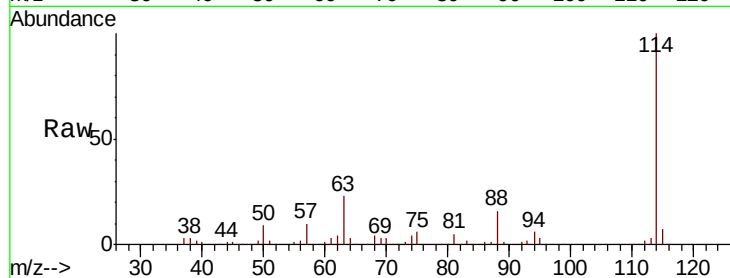




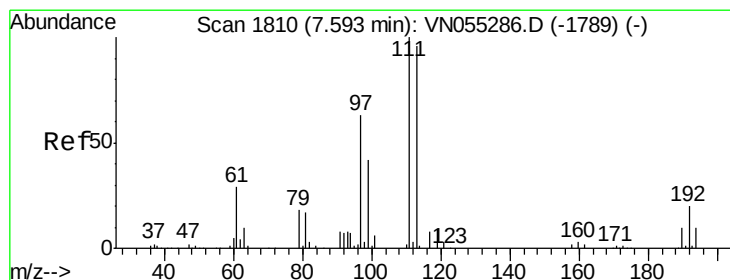
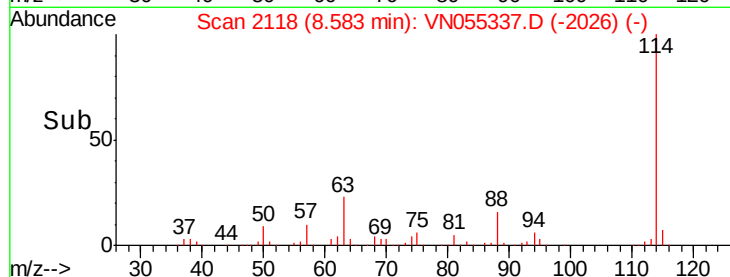
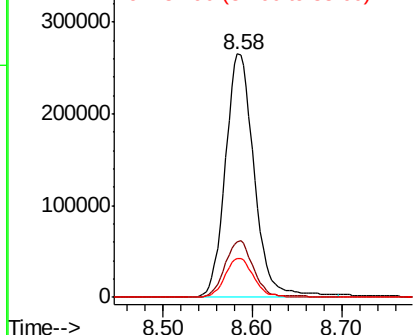
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055337.D
 Acq: 2 May 2019 9:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502MBL01

Tot Ion:114 Resp: 594323
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 16.0 0.0 31.6

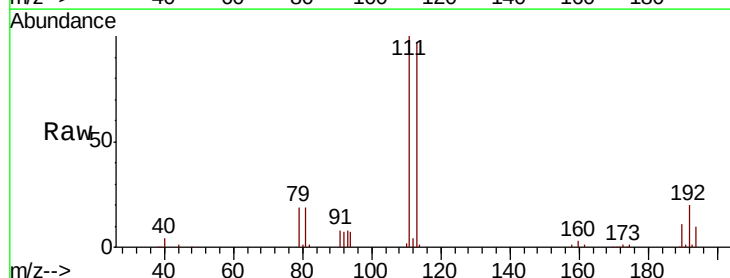


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

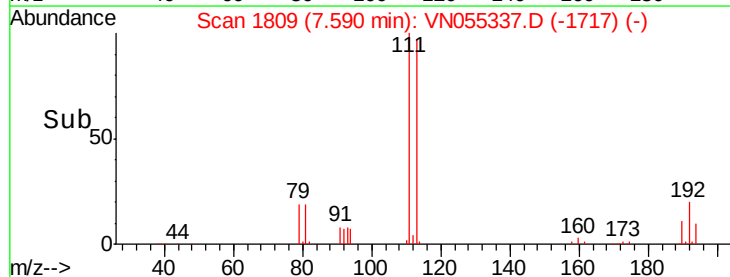
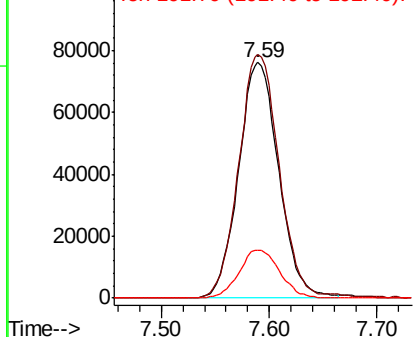


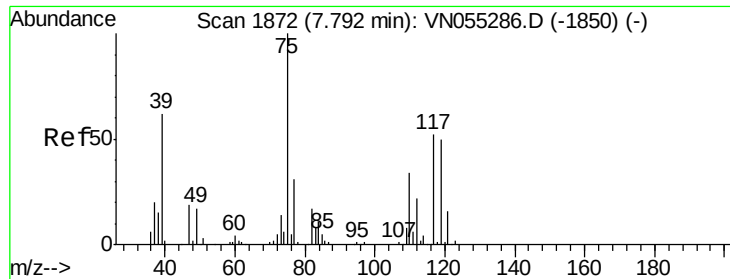
#35
 Dibromofluoromethane
 Concen: 50.649 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055337.D
 Acq: 2 May 2019 9:31

Tgt Ion:113 Resp: 197580
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.3 123.5
 192 20.5 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

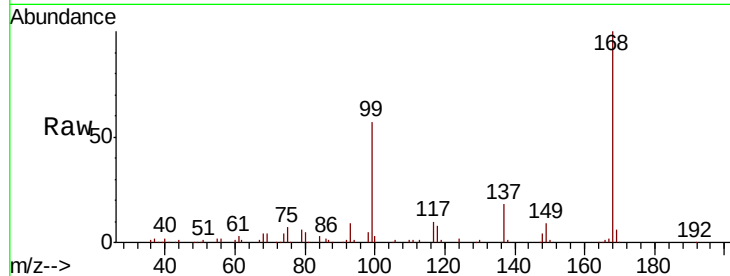




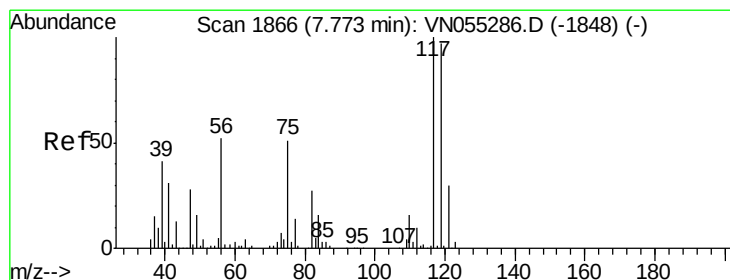
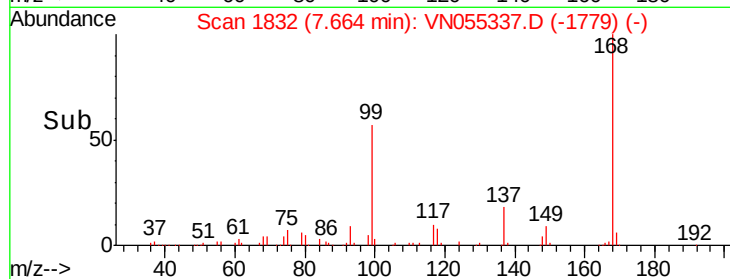
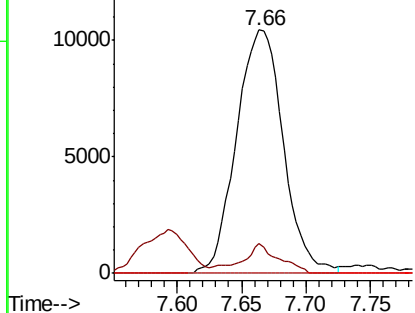
#36
 1,1-Dichloropropene
 Concen: 4.649 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055337.D
 Acq: 2 May 2019 9:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0502MBL01

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.8	50.4#
77	0.0	25.0	37.6#

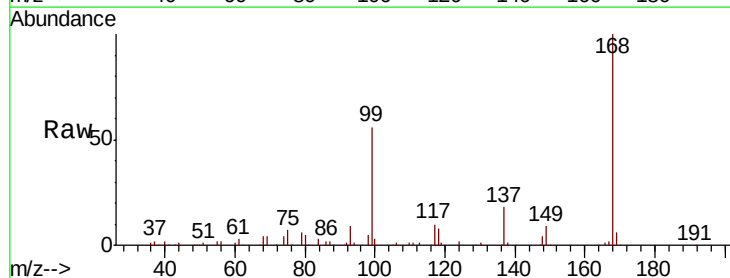


Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-1850) (-)
 Ion 109.90 (109.60 to 110.60): VN055286.D (-1850) (-)
 Ion 76.90 (76.60 to 77.60): VN055286.D (-1850) (-)

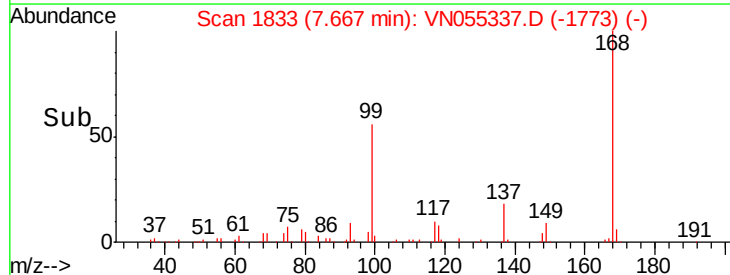
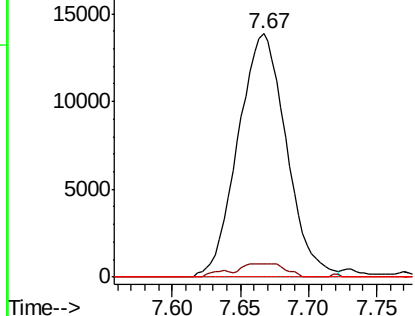


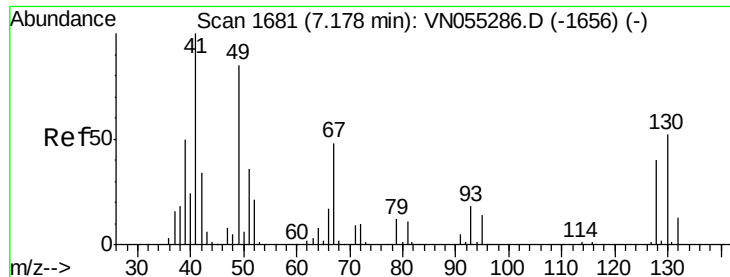
#38
 Carbon Tetrachloride
 Concen: 6.214 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055337.D
 Acq: 2 May 2019 9:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.0	115.6#
121	0.0	23.8	35.8#



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-1848) (-)
 Ion 118.80 (118.50 to 119.50): VN055286.D (-1848) (-)
 Ion 120.80 (120.50 to 121.50): VN055286.D (-1848) (-)

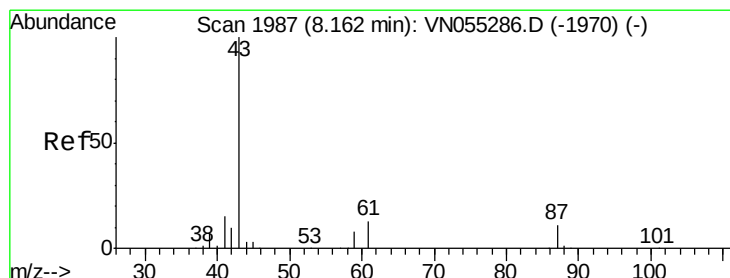
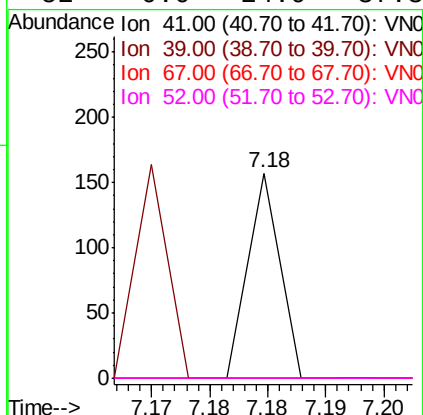
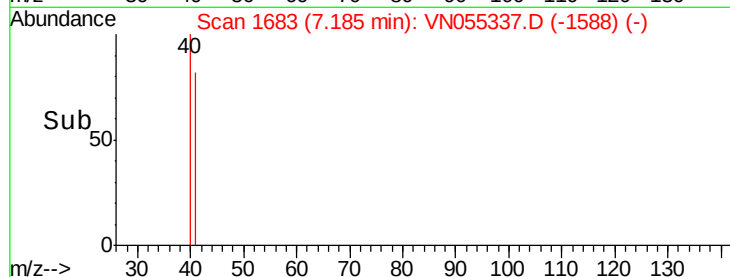
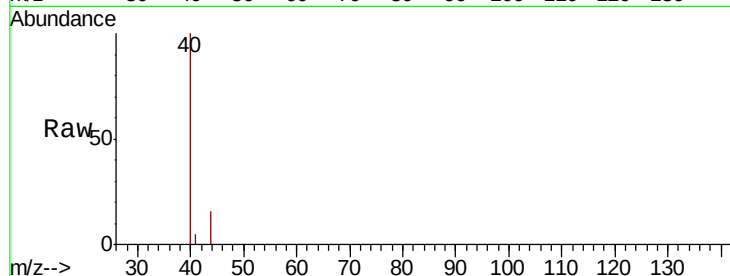




#41
Methacrylonitrile
Concen: 0.752 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

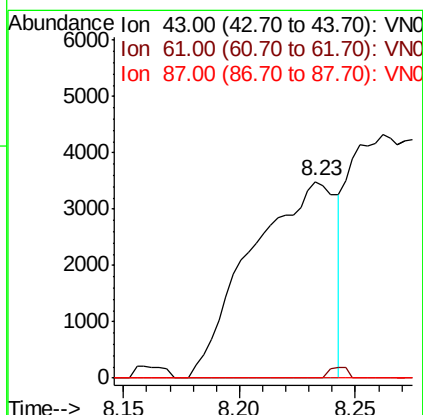
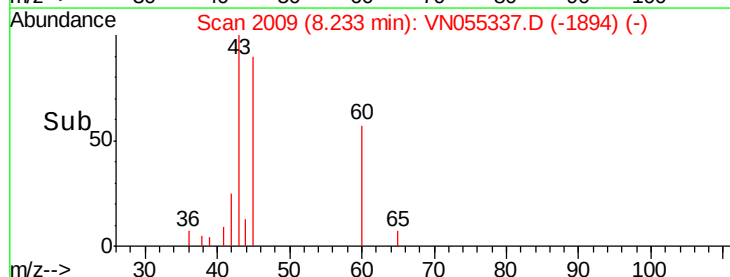
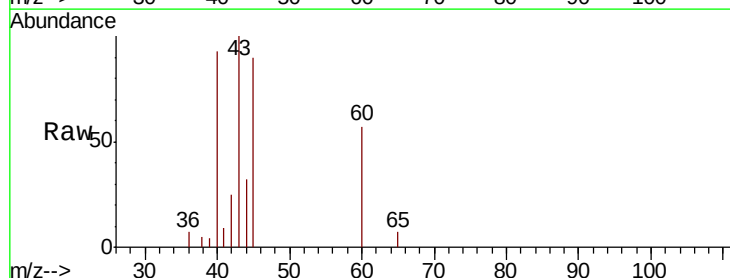
Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

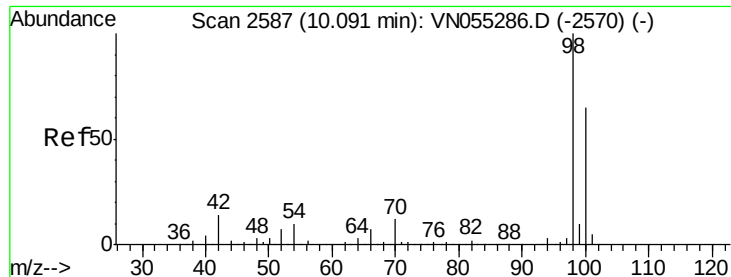
Tot Ion: 41 Resp: 30
Ion Ratio Lower Upper
41 100
39 106.7 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.267 ug/l
RT: 8.23 min Scan# 2009
Delta R.T. 0.07 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 43 Resp: 8885
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 8.5 12.7#





#50

Toluene-d8

Concen: 53.142 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055337.D

Acq: 2 May 2019 9:31

Instrument :

MSVOA_N

ClientSampled :

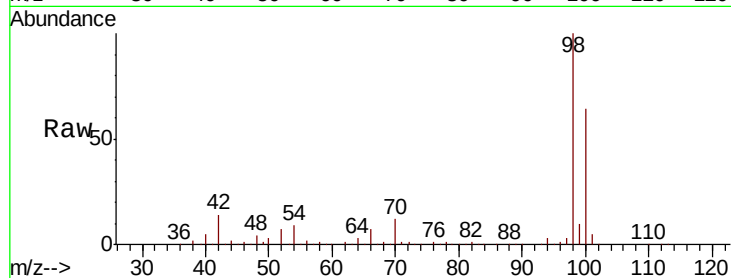
VN0502MBL01

Tot Ion: 98 Resp: 748547

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055337.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055337.D (-2494) (-)

10.09

400000

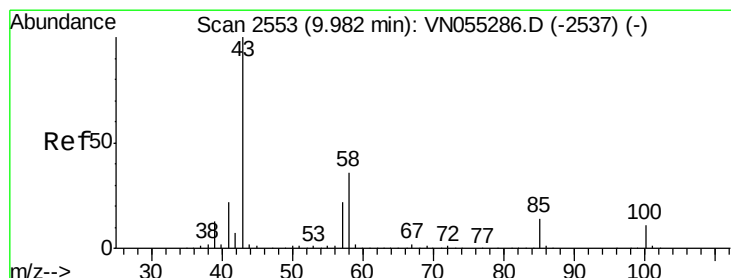
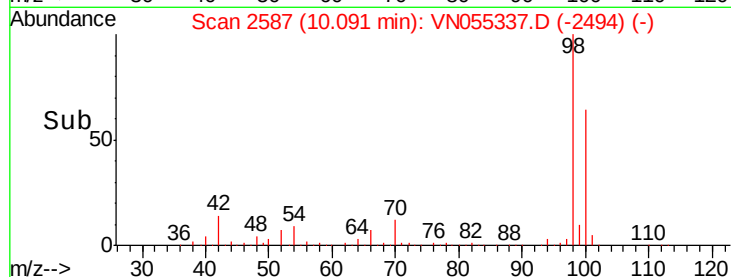
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.421 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055337.D

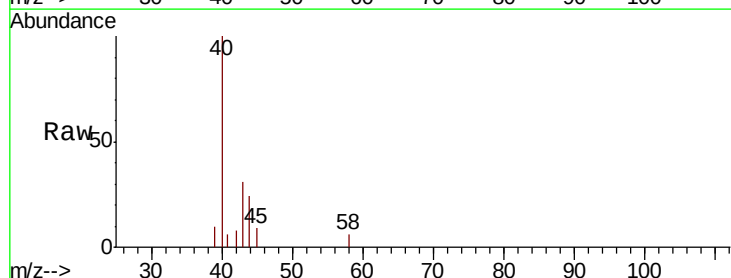
Acq: 2 May 2019 9:31

Tgt Ion: 43 Resp: 1663

Ion Ratio Lower Upper

43 100

58 0.0 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VN055337.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN055337.D (-2460) (-)

9.99

1000

800

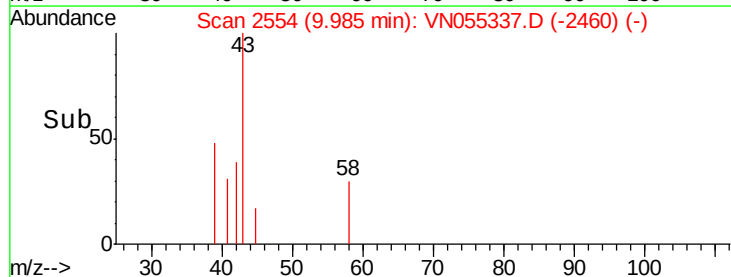
600

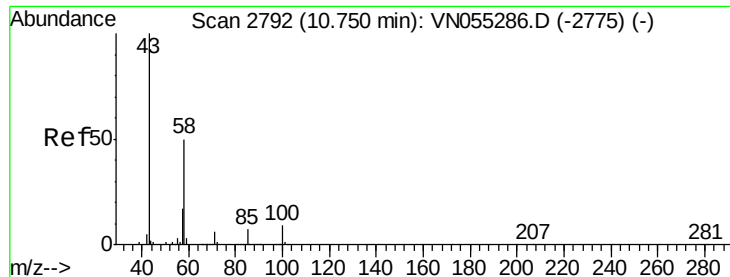
400

200

0

Time-->

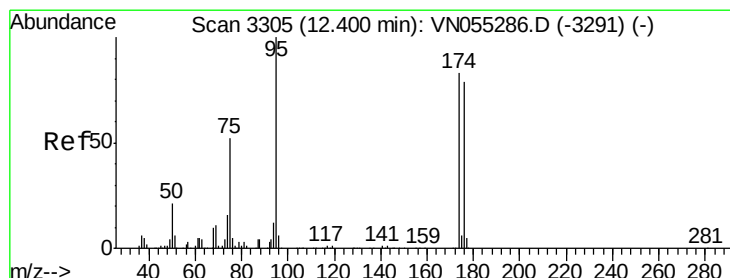
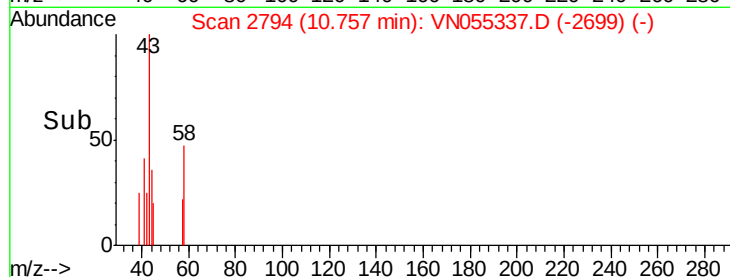
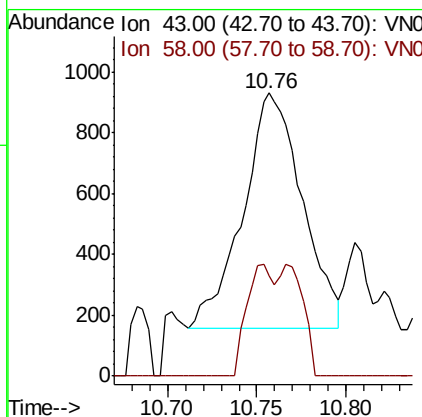
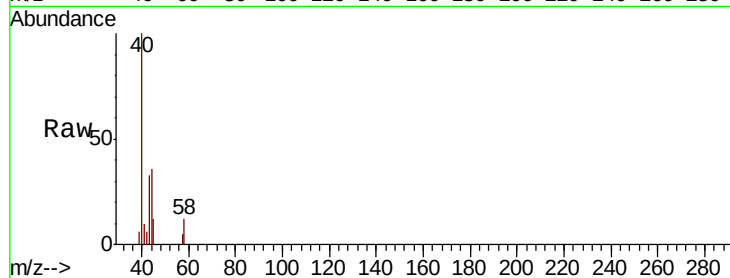




#59
2-Hexanone
Concen: 0.724 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

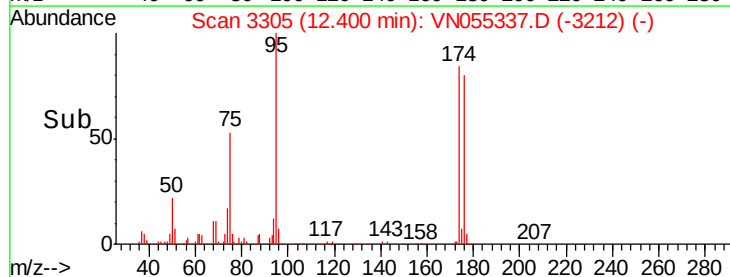
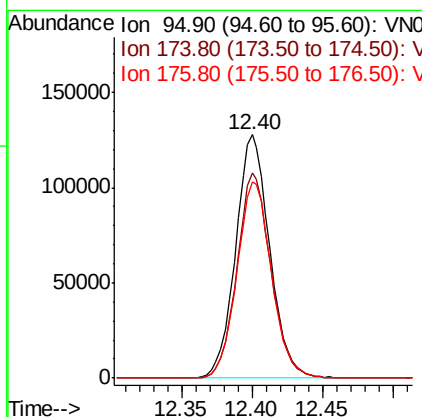
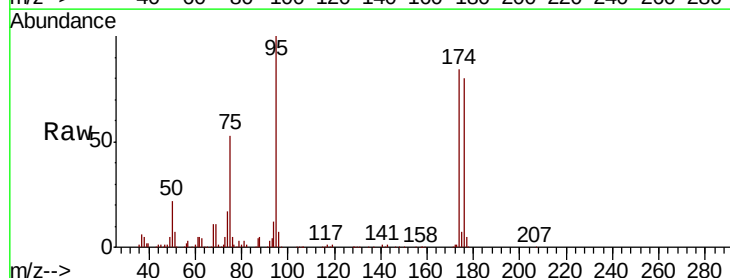
Instrument :
MSVOA_N
ClientSampled :
VN0502MBL01

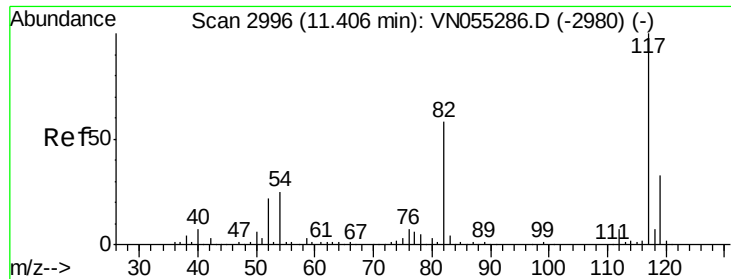
Tot Ion: 43 Resp: 1789
Ion Ratio Lower Upper
43 100
58 22.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 48.963 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion: 95 Resp: 215550
Ion Ratio Lower Upper
95 100
174 84.4 0.0 166.6
176 82.1 0.0 157.8

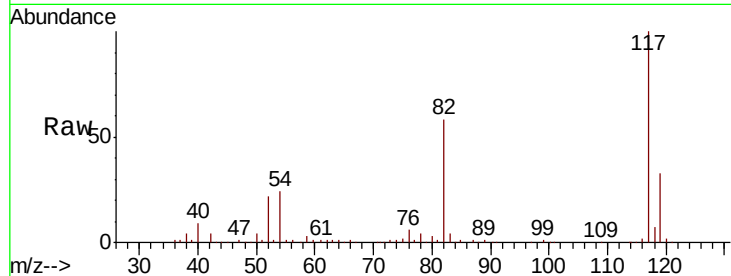




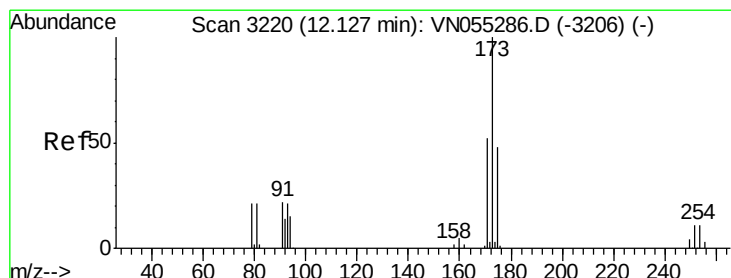
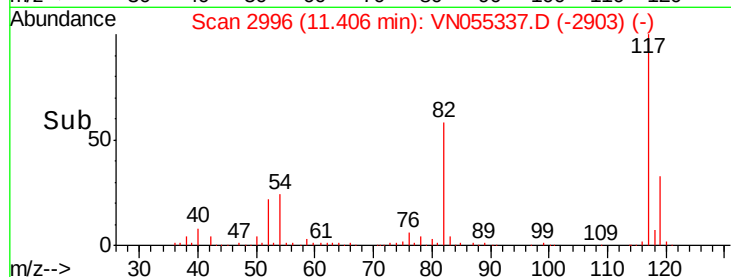
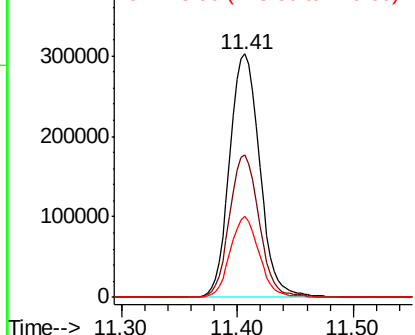
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL01

Tot Ion:117 Resp: 545929
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 33.1 26.6 40.0

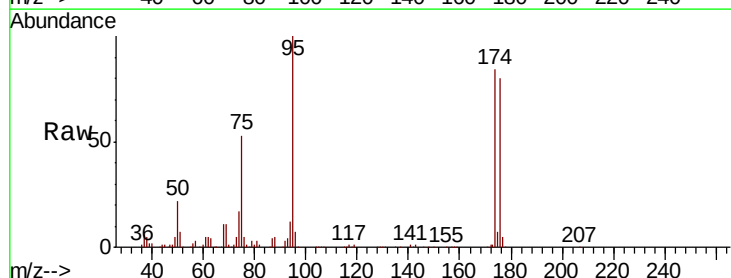


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

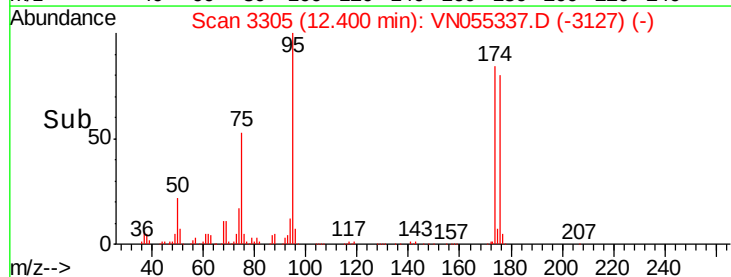
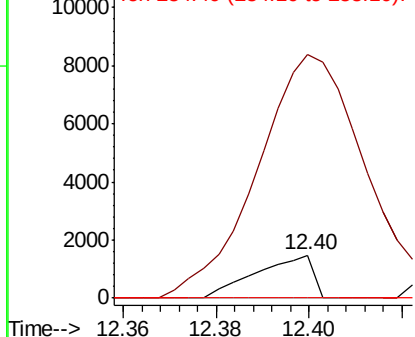


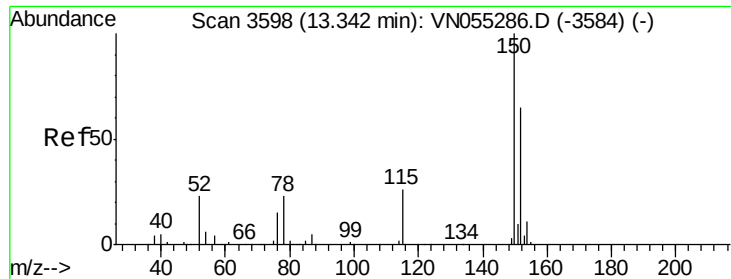
#71
Bromoform
Concen: 0.549 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055337.D
Acq: 2 May 2019 9:31

Tgt Ion:173 Resp: 1274
Ion Ratio Lower Upper
173 100
175 947.8 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: VN055337.D

Acq: 2 May 2019 9:31

Instrument :

MSVOA_N

ClientSampleId :

VN0502MBL01

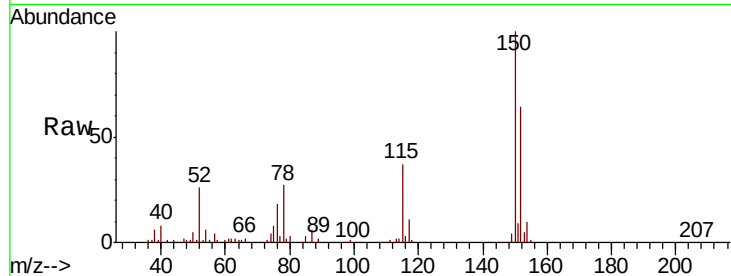
Tot Ion:152 Resp: 134404

Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

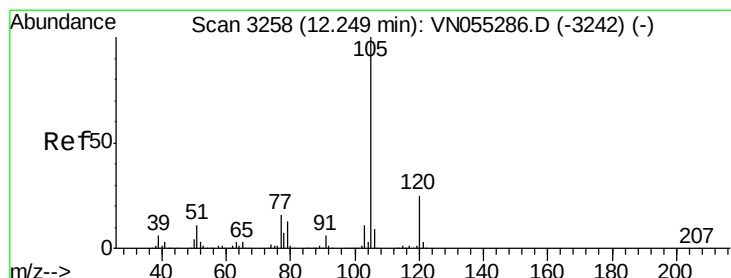
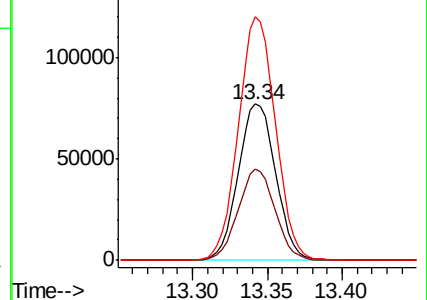
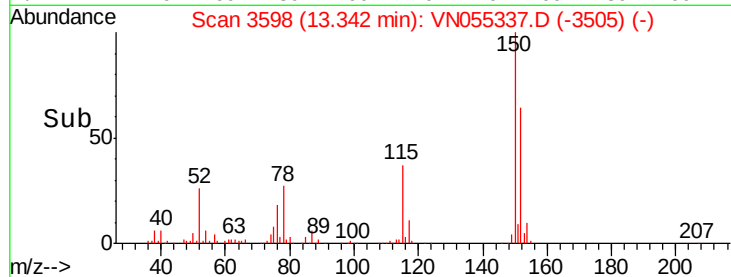
150 154.3 0.0 345.6



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: VN055337.D

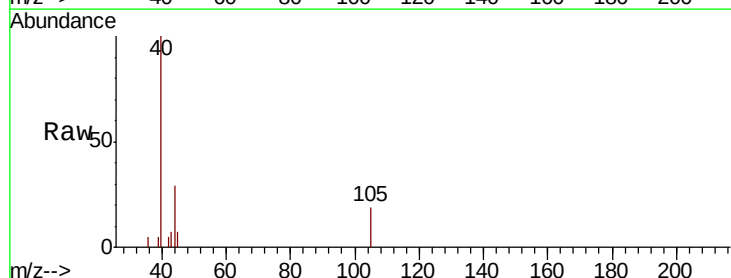
Acq: 2 May 2019 9:31

Tgt Ion:105 Resp: 933

Ion Ratio Lower Upper

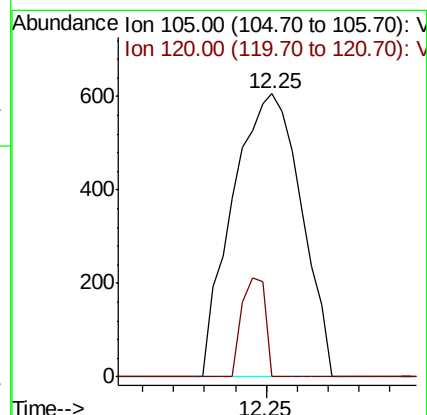
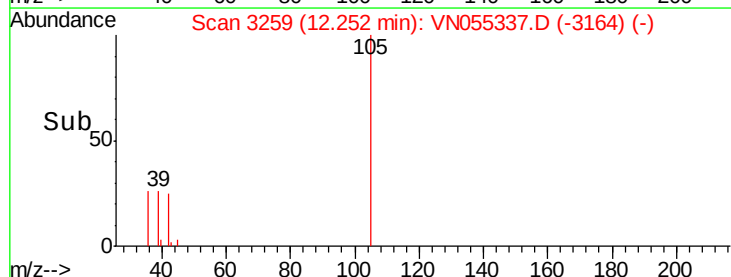
105 100

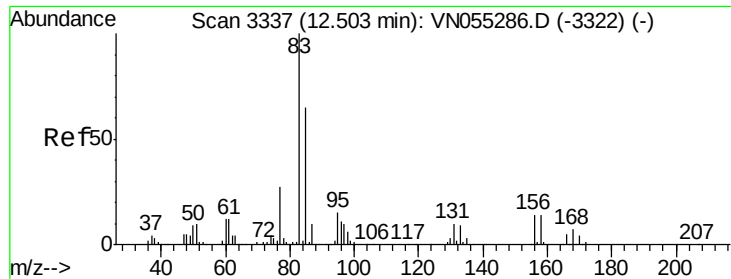
120 11.9 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055337.D

Acq: 2 May 2019 9:31

Instrument :

MSVOA_N

ClientSampleId :

VN0502MBL01

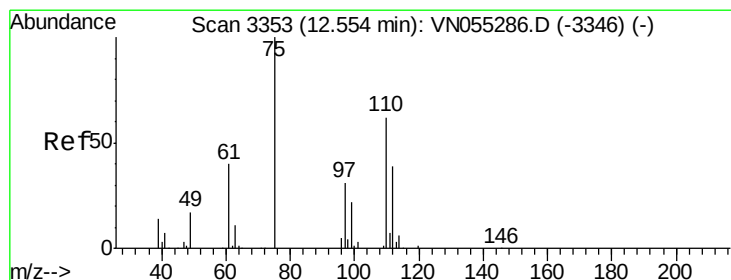
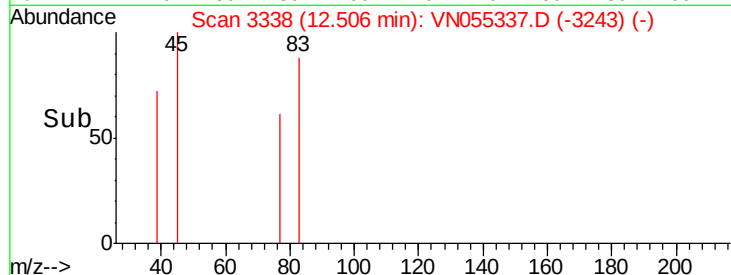
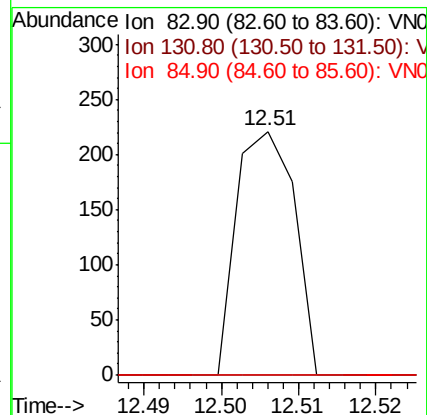
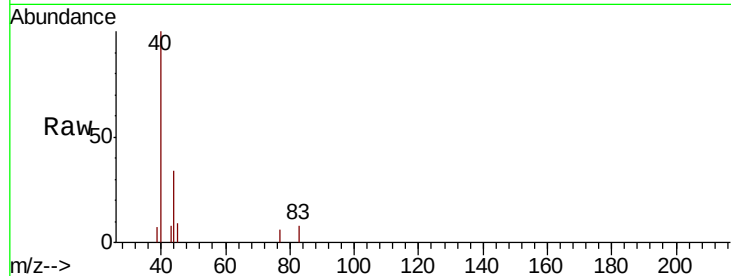
Tot Ion: 83 Resp: 115

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 46.134 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055337.D

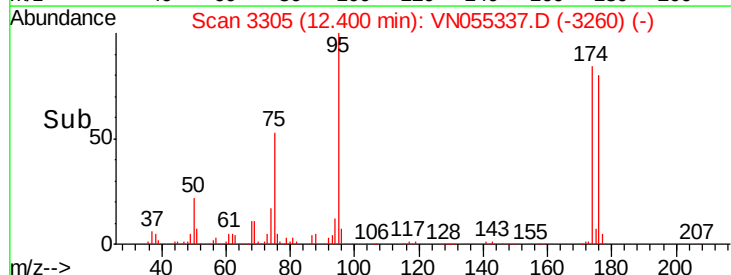
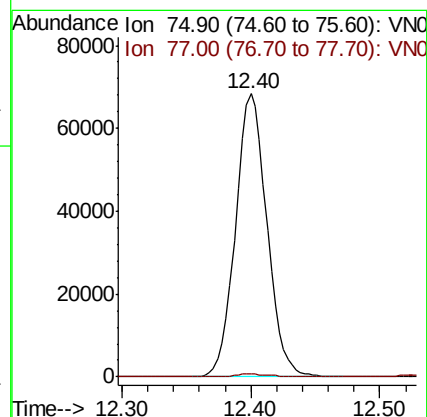
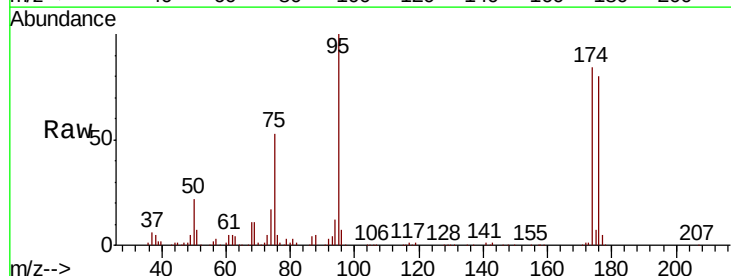
Acq: 2 May 2019 9:31

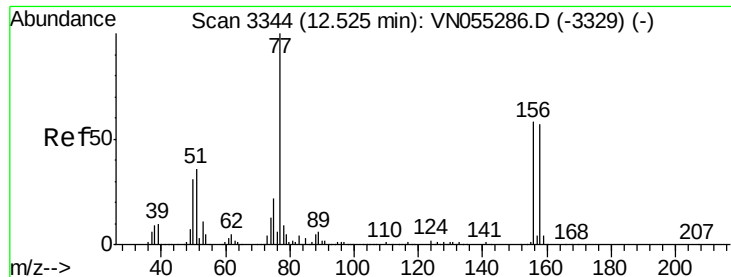
Tgt Ion: 75 Resp: 115741

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN055337.D

Acq: 2 May 2019 9:31

Instrument :

MSVOA_N

ClientSampled :

VN0502MBL01

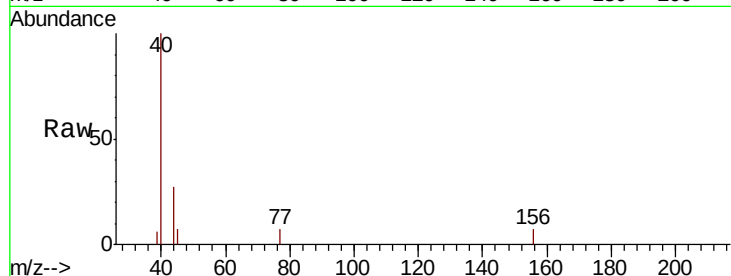
Tot Ion:156 Resp: 159

Ion Ratio Lower Upper

156 100

77 404.4 99.6 298.8#

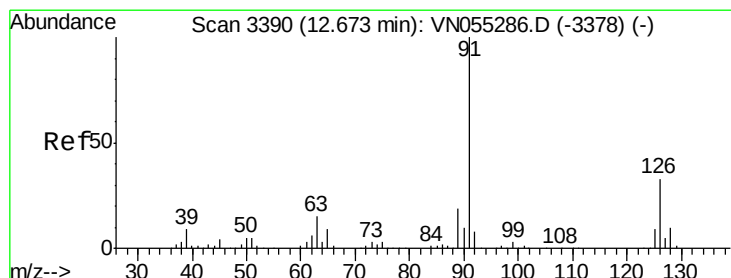
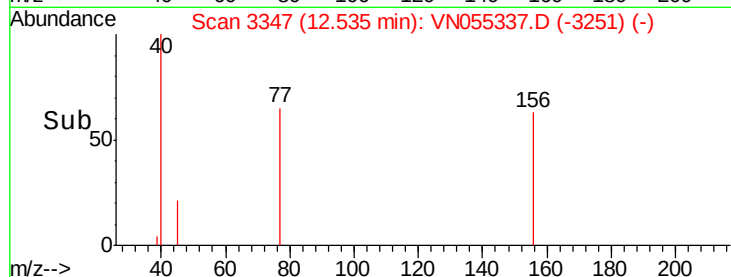
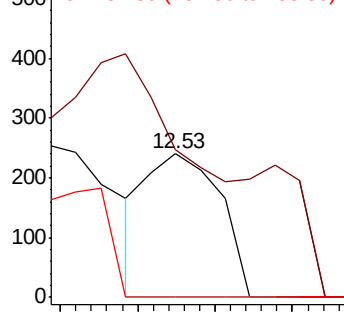
158 63.5 49.3 147.8



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: VN055337.D

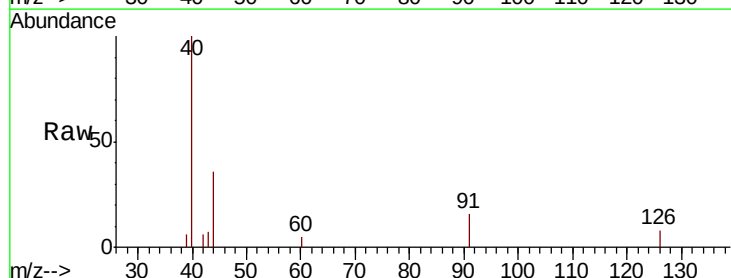
Acq: 2 May 2019 9:31

Tgt Ion: 91 Resp: 804

Ion Ratio Lower Upper

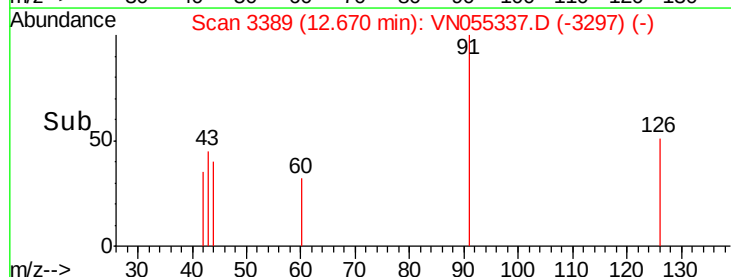
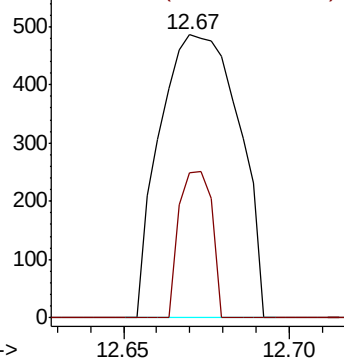
91 100

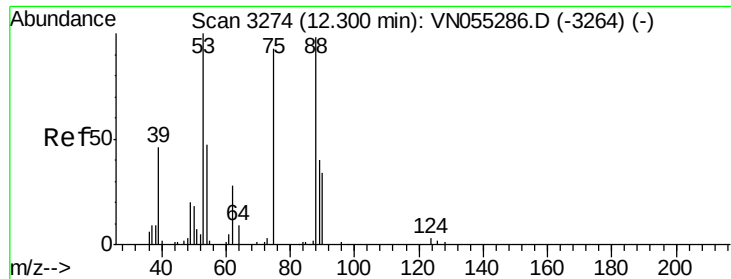
126 21.5 16.6 49.7



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: 163.192 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055337.D

Acq: 2 May 2019 9:31

Instrument :

MSVOA_N

ClientSampleId :

VN0502MBL01

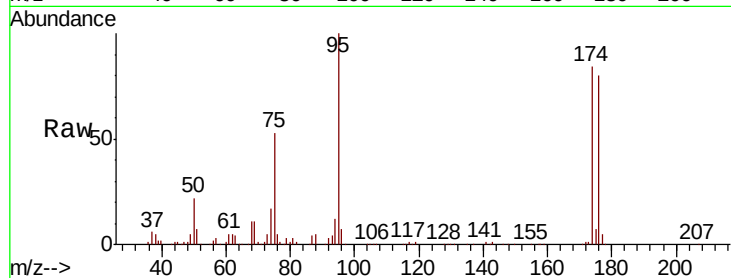
Tot Ion: 75 Resp: 115741

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

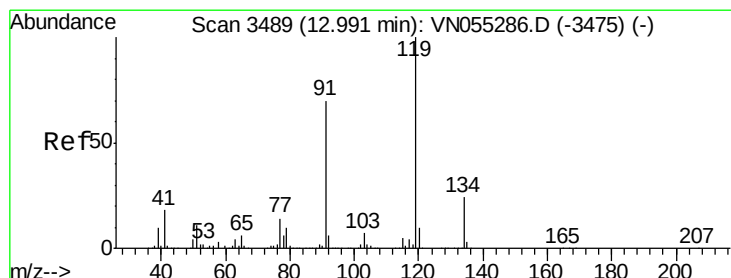
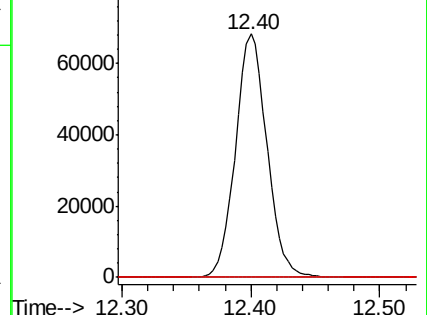
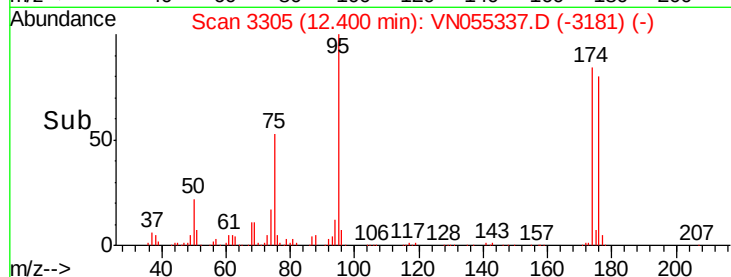
89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3491

Delta R.T. 0.01 min

Lab File: VN055337.D

Acq: 2 May 2019 9:31

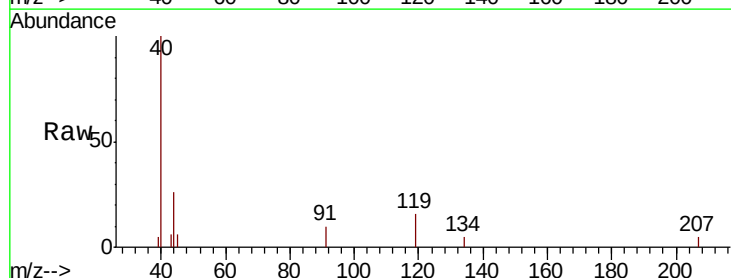
Tgt Ion: 119 Resp: 688

Ion Ratio Lower Upper

119 100

91 61.5 34.3 102.9

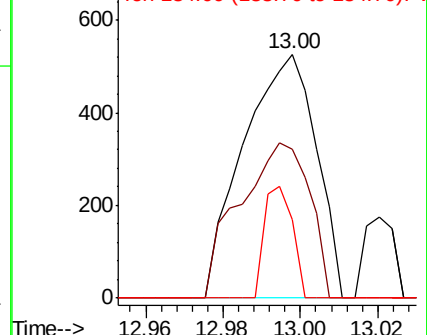
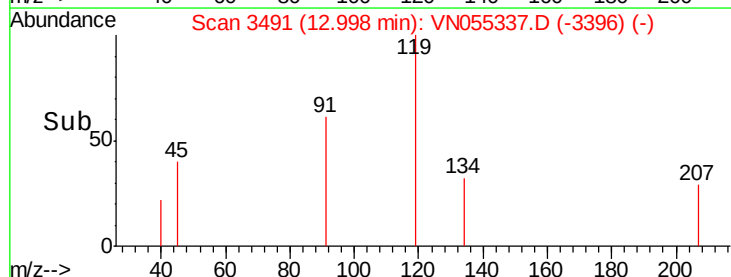
134 17.9 13.1 39.3

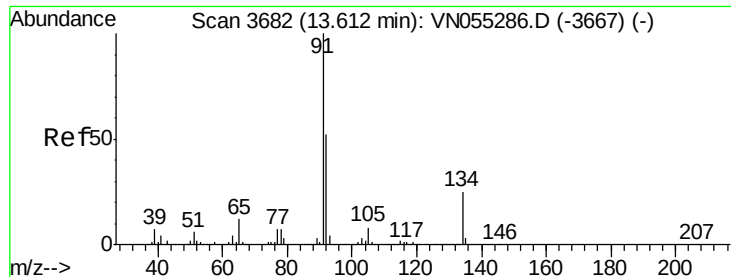


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 0.245 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055337.D

Acq: 2 May 2019 9:31

Instrument :

MSVOA_N

ClientSampled :

VN0502MBL01

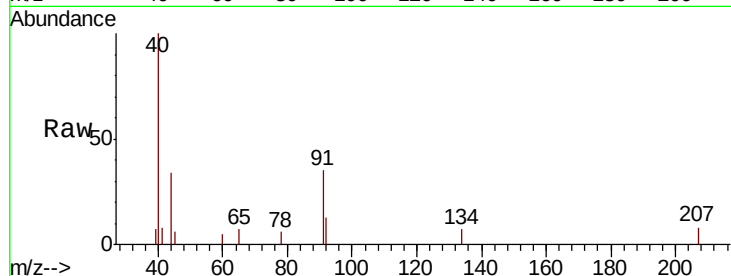
Tot Ion: 91 Resp: 1639

Ion Ratio Lower Upper

91 100

92 30.0 26.1 78.3

134 16.8 12.4 37.4

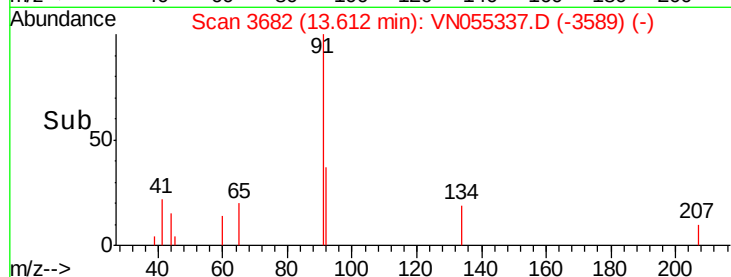


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)

Time-->

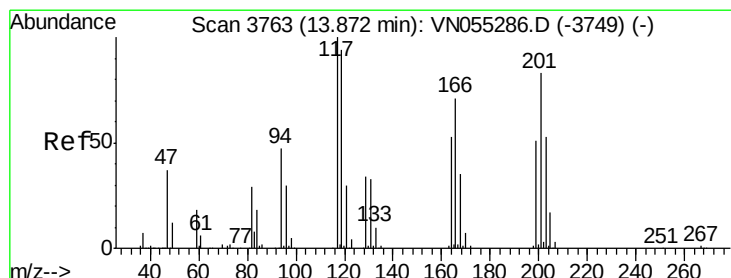


Abundance Ion 91.00 (90.70 to 91.70): VN055337.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN055337.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN055337.D (-3589) (-)

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN055337.D

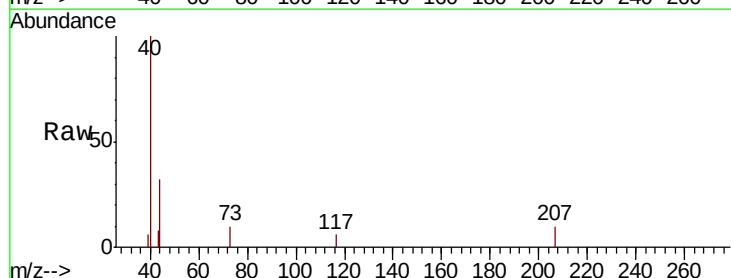
Acq: 2 May 2019 9:31

Tgt Ion: 117 Resp: 58

Ion Ratio Lower Upper

117 100

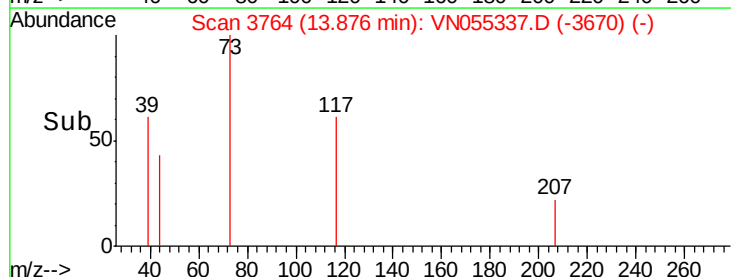
201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)

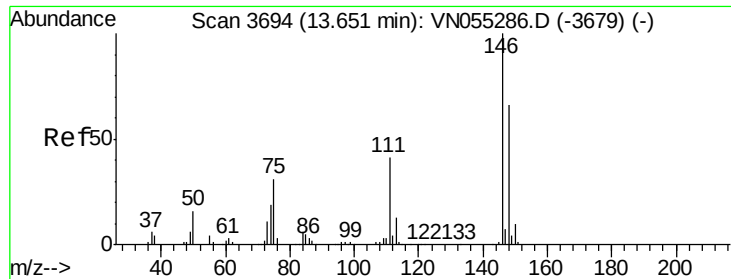
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN055337.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN055337.D (-3670) (-)

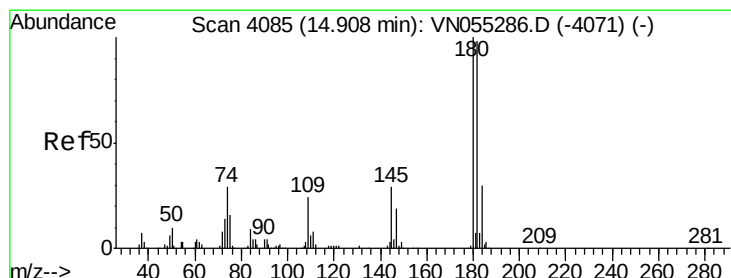
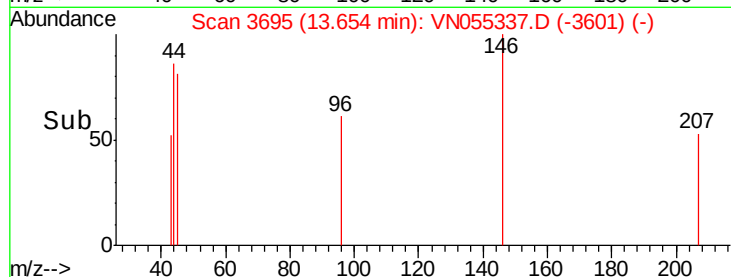
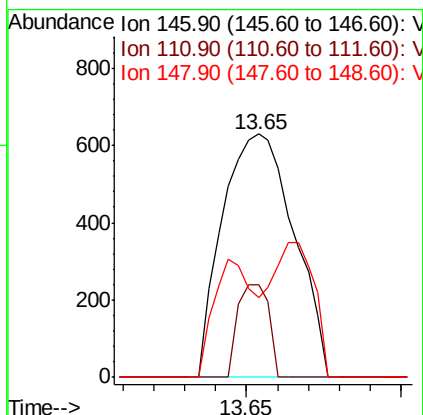
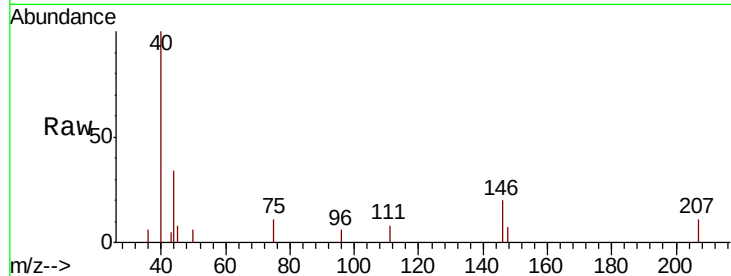
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 0.227 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055337.D
 Acq: 2 May 2019 9:31

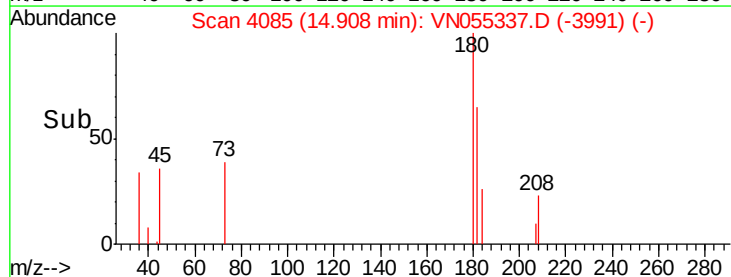
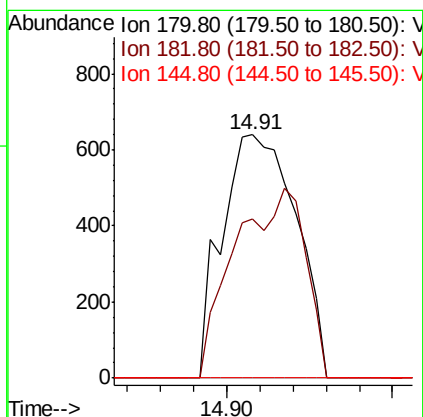
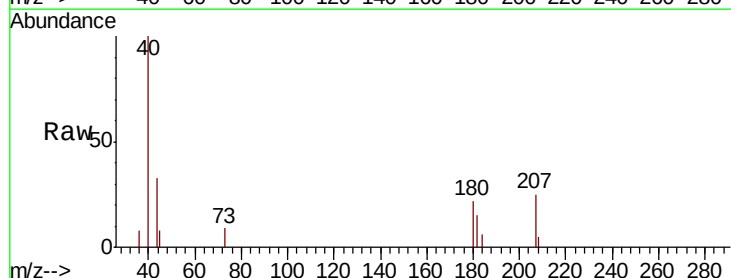
Instrument :
 MSVOA_N
 ClientSampled :
 VN0502MBL01

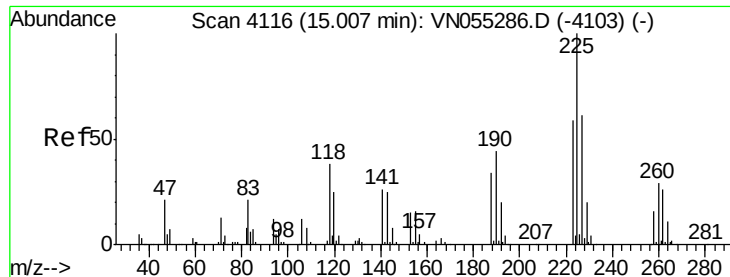
Tot Ion	Ratio	Lower	Upper
146	100		
111	16.5	20.3	61.0#
148	32.9	32.4	97.2



#93
 1,2,4-Trichlorobenzene
 Concen: 3.841 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055337.D
 Acq: 2 May 2019 9:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	74.2	48.3	144.9
145	0.0	14.2	42.6#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055337.D

Acq: 2 May 2019 9:31

Instrument :

MSVOA_N

ClientSampled :

VN0502MBL01

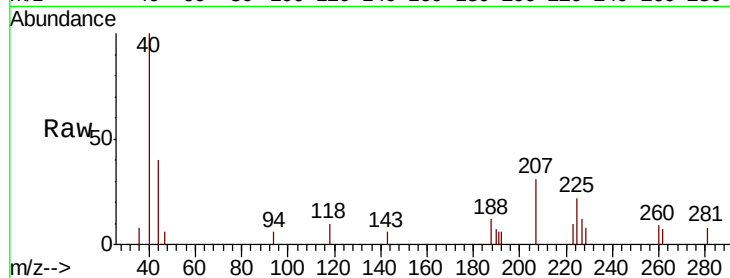
Tot Ion:225 Resp: 952

Ion Ratio Lower Upper

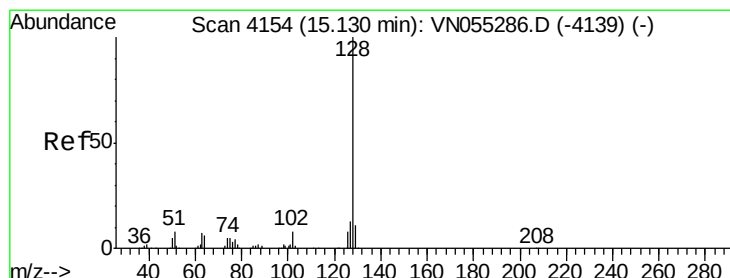
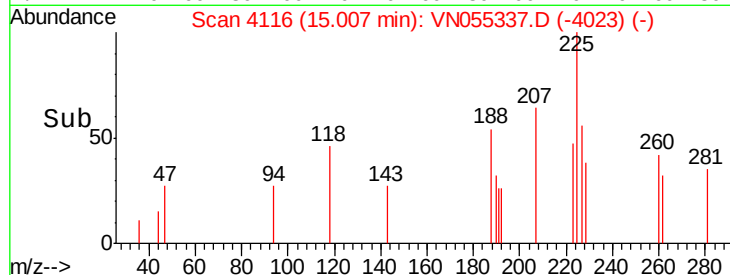
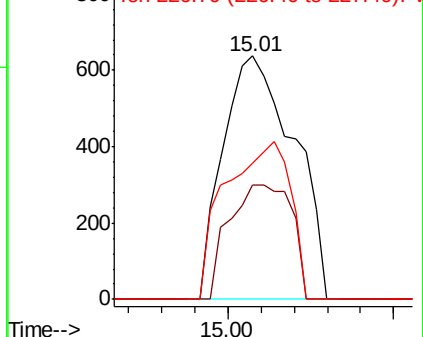
225 100

223 41.0 30.3 90.8

227 59.2 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: 4.001 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055337.D

Acq: 2 May 2019 9:31

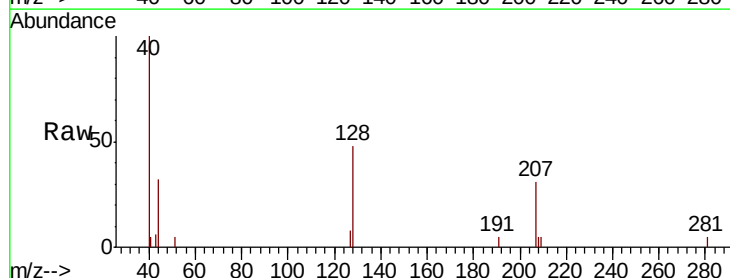
Tgt Ion:128 Resp: 2694

Ion Ratio Lower Upper

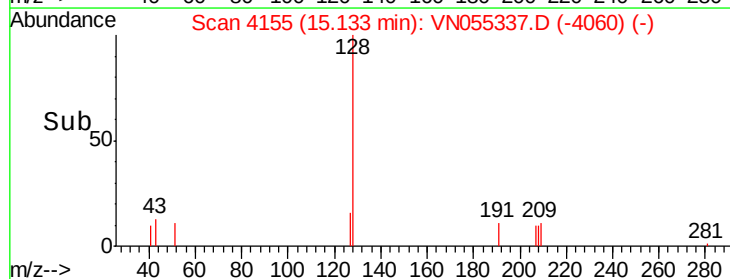
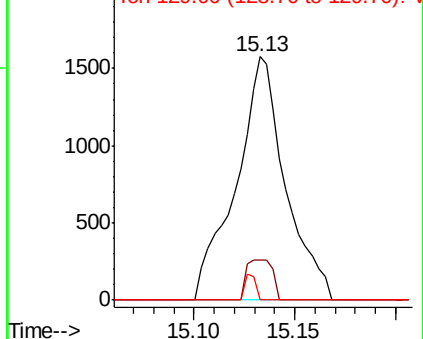
128 100

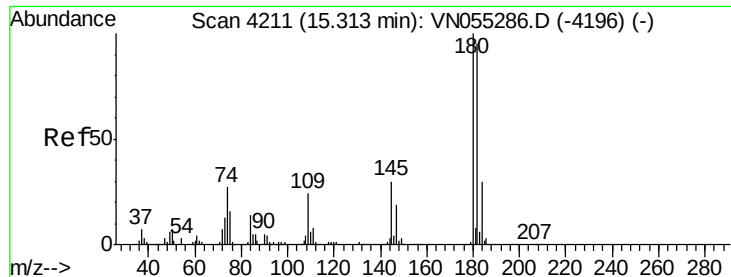
127 8.7 10.7 16.1#

129 2.3 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: 3.274 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055337.D
 Acq: 2 May 2019 9:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502MBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.9#
145	14.0	15.2	45.6#

