

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055992.D
 Acq On : 4 Jun 2019 15:40
 Operator : JC/SP
 Sample : K3165-07ME
 Misc : 1.01µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 51419ME

Quant Time: Jun 05 01:15:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	331883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	493533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205752	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	153655	46.63	ug/l	0.00
Spiked Amount			Recovery	=	93.26%	
35) Dibromofluoromethane	7.59	113	135098	44.62	ug/l	0.00
Spiked Amount			Recovery	=	89.24%	
50) Toluene-d8	10.09	98	585145	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	200055	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	299	0.521	ug/l #	74
16) Acetone	3.84	43	2050	1.301	ug/l #	88
18) Methyl Acetate	4.34	43	3704	0.626	ug/l #	80
29) Tetrahydrofuran	7.23	42	1040	0.845	ug/l #	54
31) Cyclohexane	7.65	56	4839	0.925	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	18812	4.433	ug/l #	48
38) Carbon Tetrachloride	7.66	117	26399	6.747	ug/l #	15
39) Methylcyclohexane	9.07	83	1217	0.230	ug/l	95
43) Isopropyl Acetate	8.24	43	1896	0.310	ug/l #	53
51) 4-Methyl-2-Pentanone	10.01	43	2127	0.556	ug/l #	54
52) Toluene	10.15	92	51243	6.389	ug/l	100
53) t-1,3-Dichloropropene	10.25	75	335	2.467	ug/l #	42
55) 1,1,2-Trichloroethane	10.53	97	3360	1.058	ug/l #	22
59) 2-Hexanone	10.76	43	1036	0.374	ug/l	86
60) Dibromochloromethane	10.90	129	227	2.513	ug/l #	11
67) Ethyl Benzene	11.51	91	7059	0.450	ug/l #	84
68) m/p-Xylenes	11.62	106	15782	2.636	ug/l	89
69) o-Xylene	11.95	106	6748	1.146	ug/l	93
70) Styrene	11.96	104	1955	0.209	ug/l #	35
71) Bromoform	12.12	173	180	2.807	ug/l #	29
73) Isopropylbenzene	12.25	105	2647	Below Cal		86
74) N-amyl acetate	12.04	43	2875	0.524	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	90645	23.943	ug/l #	100
77) Bromobenzene	12.54	156	8560	1.943	ug/l #	1
78) n-propylbenzene	12.59	91	4709	0.271	ug/l	83
79) 2-Chlorotoluene	12.68	91	1064	Below Cal		97
80) 1,3,5-Trimethylbenzene	12.73	105	8333	0.602	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	90645	79.733	ug/l #	15
83) tert-Butylbenzene	12.99	119	858	Below Cal	#	60
84) 1,2,4-Trimethylbenzene	13.04	105	14605	1.113	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	1470	0.224	ug/l #	1
89) n-Butylbenzene	13.61	91	2889	0.283	ug/l #	69
90) Hexachloroethane	13.90	117	1602	0.770	ug/l #	1
91) 1,2-Dichlorobenzene	13.65	146	1532	0.223	ug/l	86

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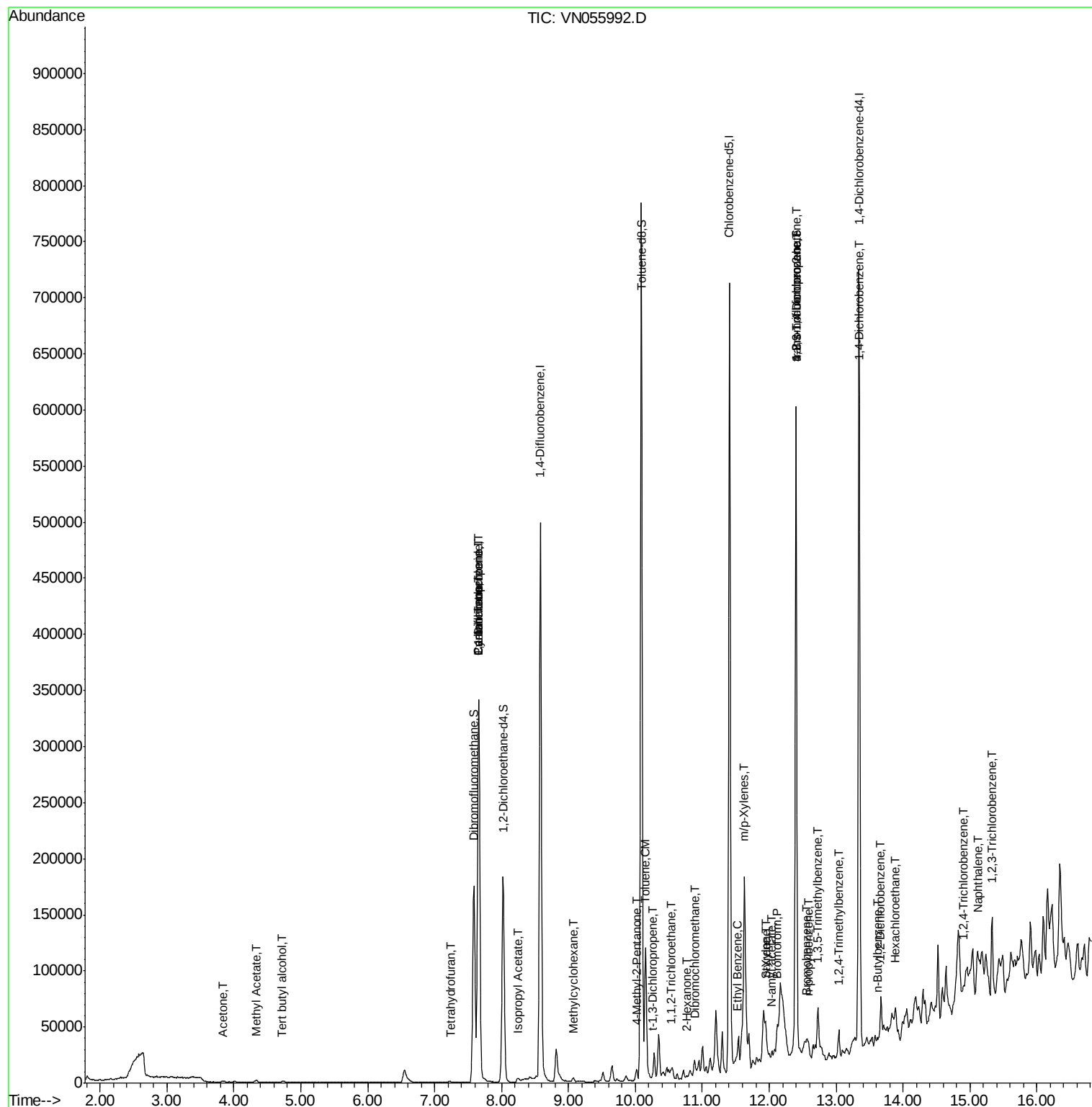
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	3039	5.002	ug/l	90
94) Hexachlorobutadiene	15.01	225	430	Below Cal		82
95) Naphthalene	15.13	128	20556	5.779	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	3504	3.883	ug/l	94

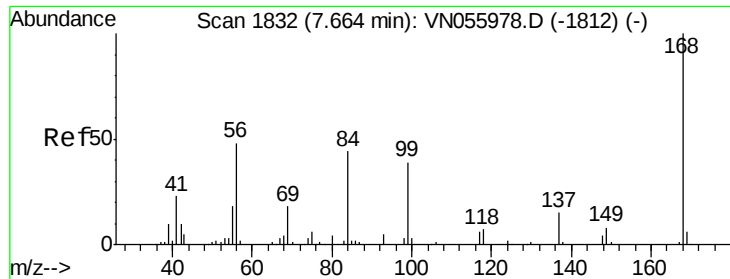
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.01 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampled :

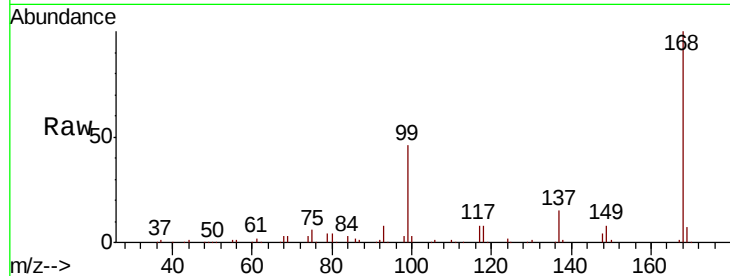
51419ME

Tot Ion:168 Resp: 331883

Ion Ratio Lower Upper

168 100

99 46.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

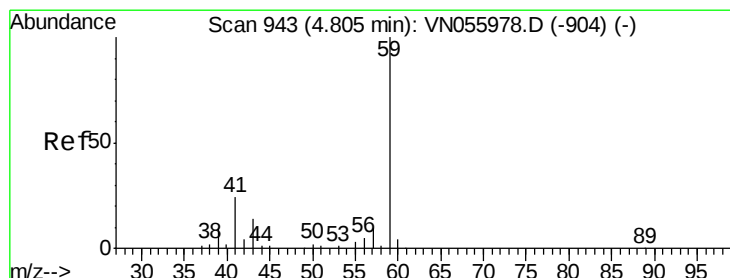
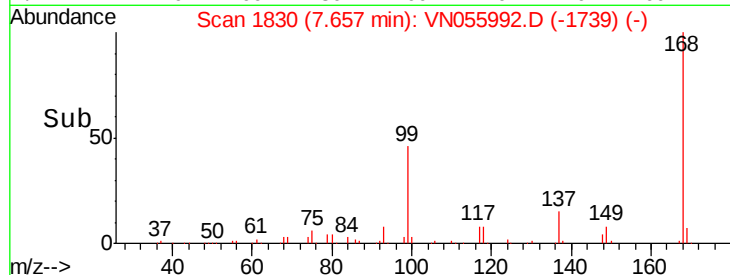
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.521 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.09 min

Lab File: VN055992.D

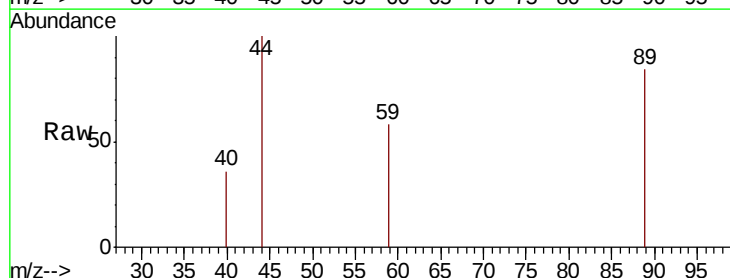
Acq: 4 Jun 2019 15:40

Tgt Ion: 59 Resp: 299

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.72

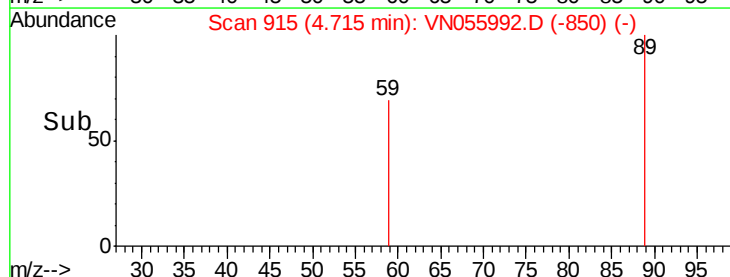
300

200

100

0

Time--> 4.69 4.70 4.71 4.72 4.73





#16

Acetone

Concen: 1.301 ug/l

RT: 3.84 min Scan# 642

Delta R.T. 0.02 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

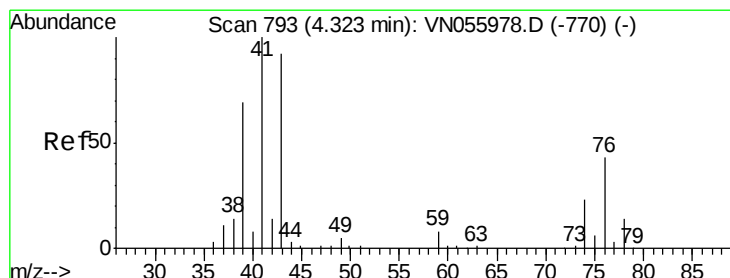
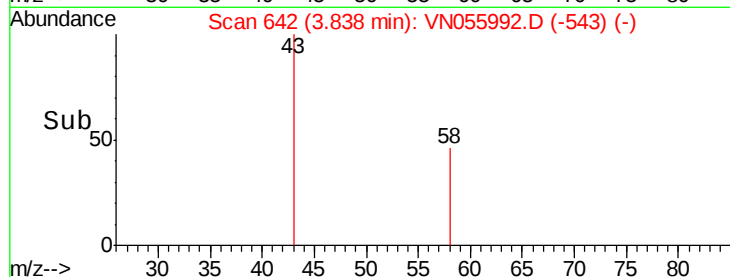
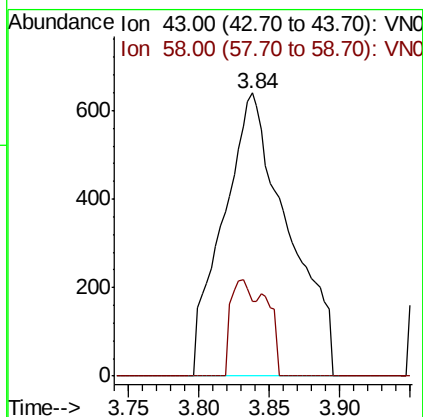
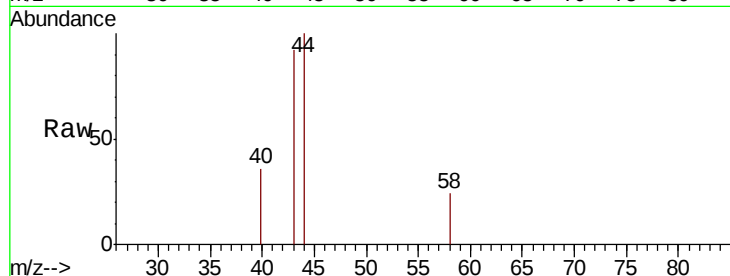
51419ME

Tot Ion: 43 Resp: 2050

Ion Ratio Lower Upper

43 100

58 26.4 26.6 39.8#



#18

Methyl Acetate

Concen: 0.626 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055992.D

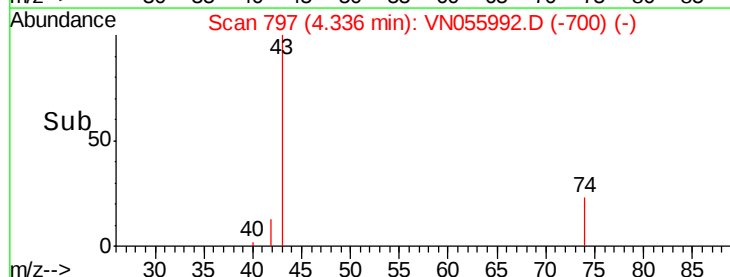
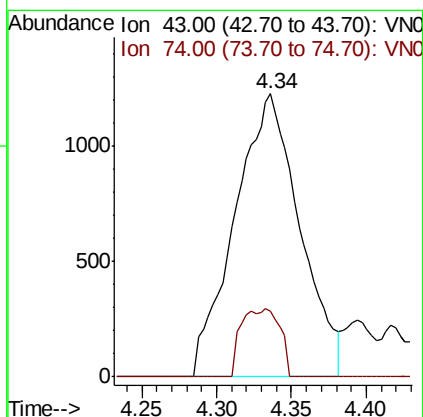
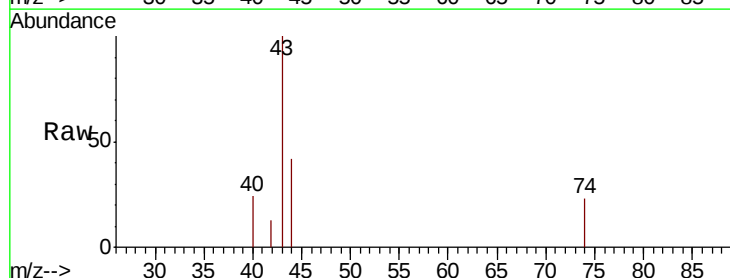
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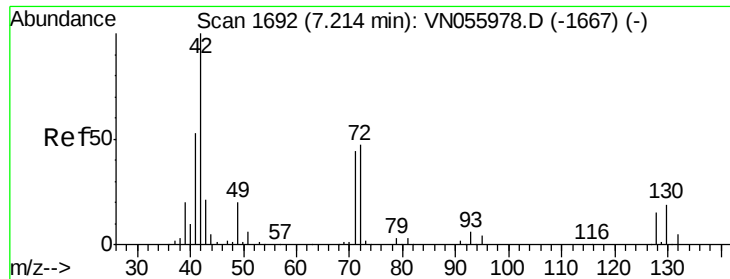
Tgt Ion: 43 Resp: 3704

Ion Ratio Lower Upper

43 100

74 14.4 19.3 28.9#

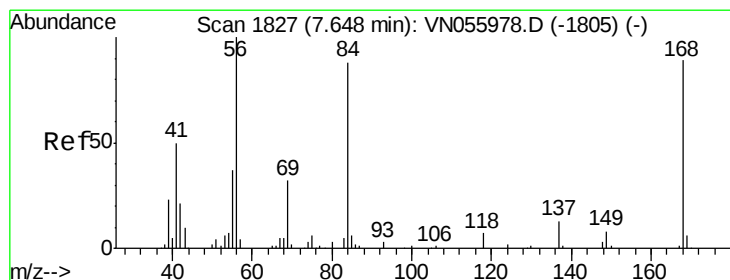
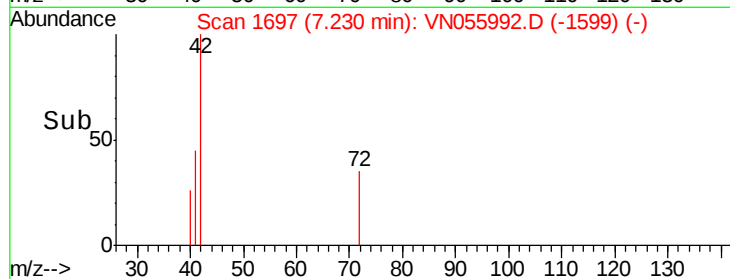
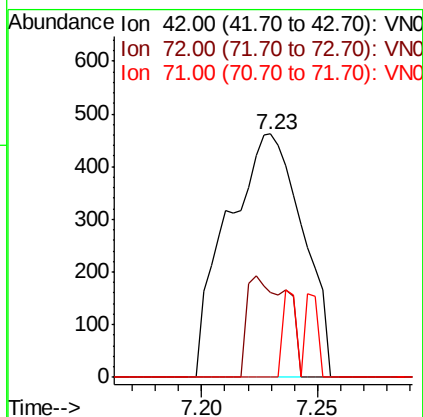
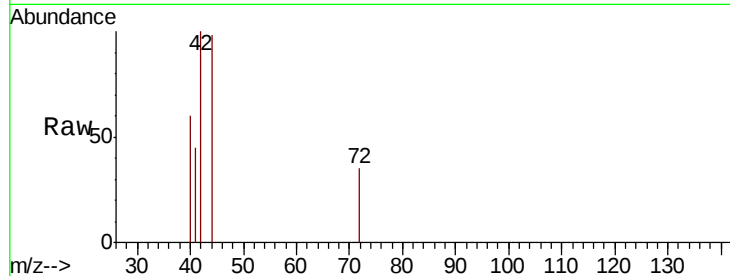




#29
Tetrahydrofuran
Concen: 0.845 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.02 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

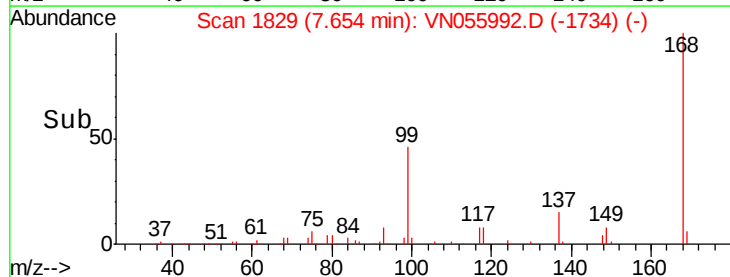
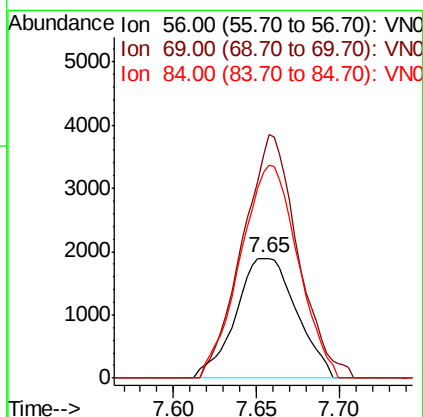
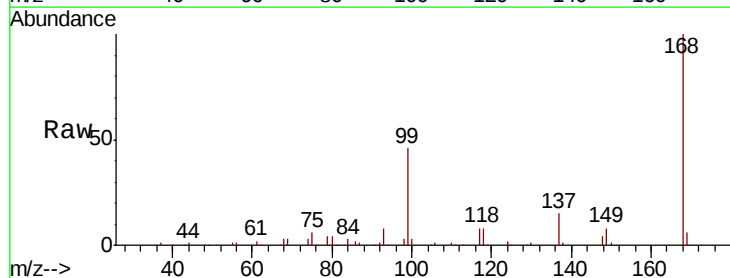
Instrument :
MSVOA_N
ClientSampleId :
51419ME

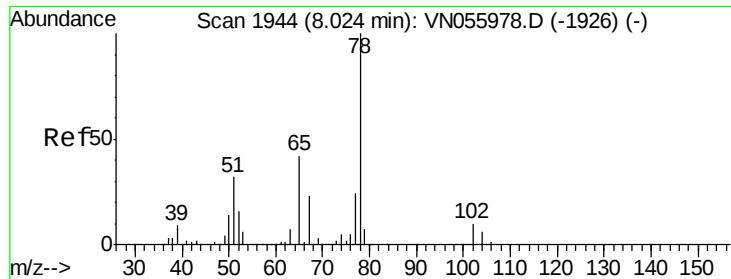
Tot Ion: 42 Resp: 1040
Ion Ratio Lower Upper
42 100
72 21.8 35.9 53.9#
71 6.0 34.0 51.0#



#31
Cyclohexane
Concen: 0.925 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

Tgt Ion: 56 Resp: 4839
Ion Ratio Lower Upper
56 100
69 187.1 25.6 38.4#
84 171.5 67.4 101.0#

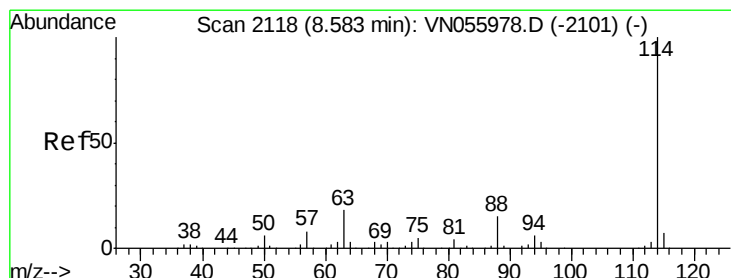
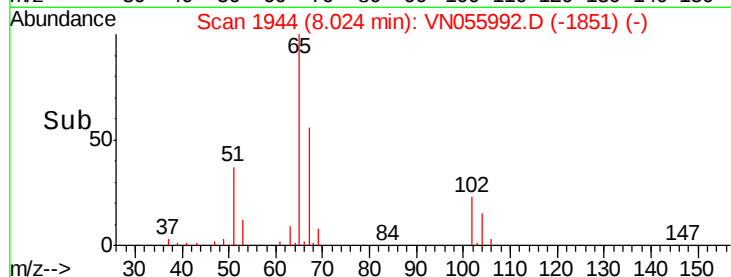
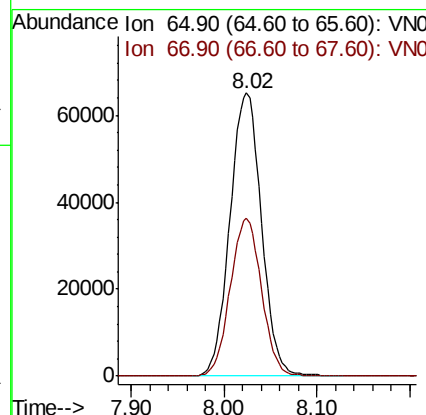
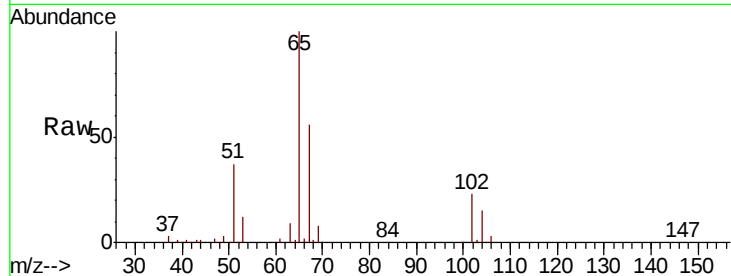




#33
 1,2-Dichloroethane-d4
 Concen: 46.628 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

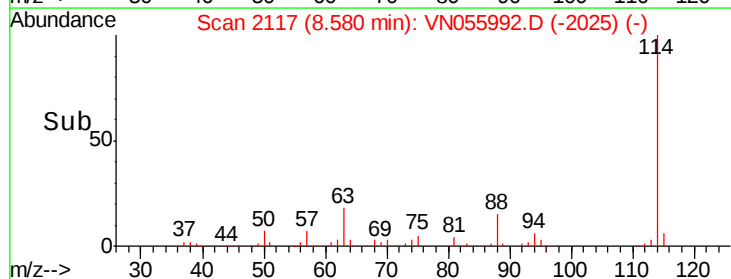
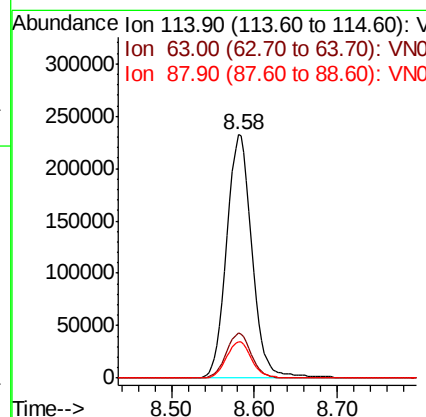
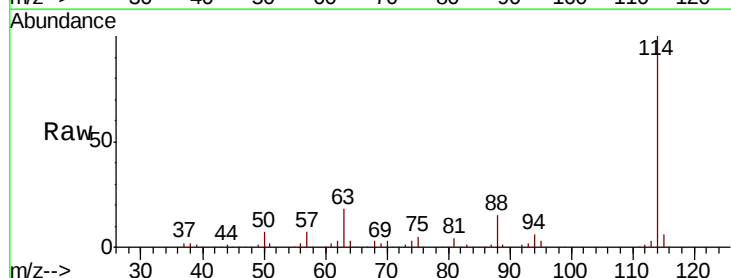
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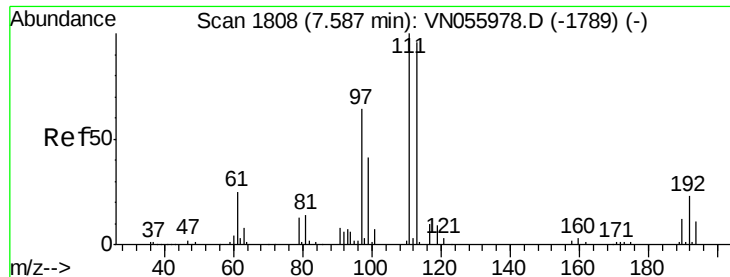
Tot Ion: 65 Resp: 153655
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

Tgt Ion: 114 Resp: 493533
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.9 0.0 31.0

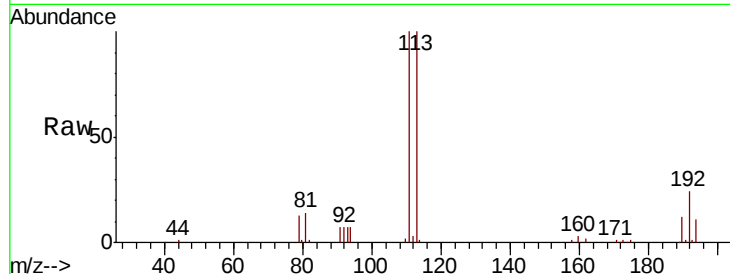




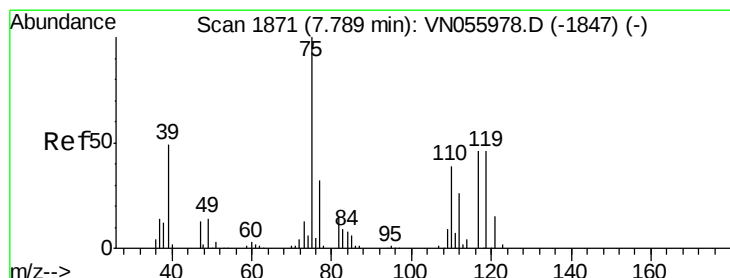
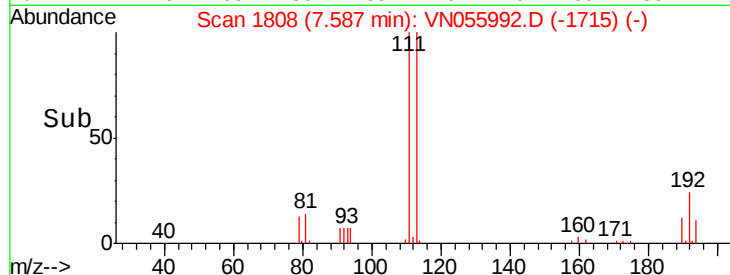
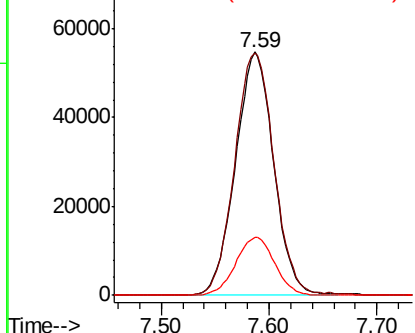
#35
 Dibromofluoromethane
 Concen: 44.616 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

Instrument :
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Tot Ion:113 Resp: 135098
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 24.2 19.5 29.3

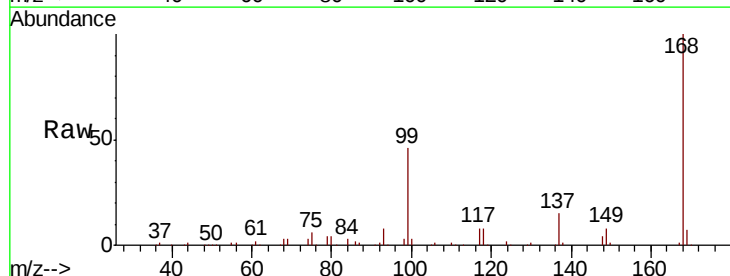


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

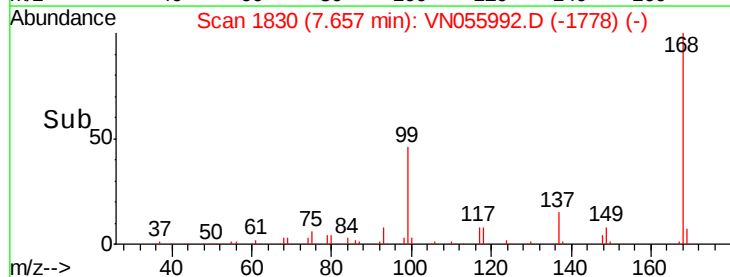
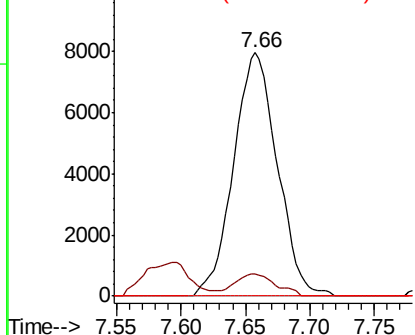


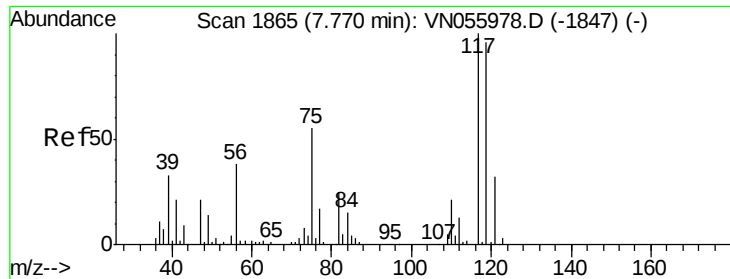
#36
 1,1-Dichloropropene
 Concen: 4.433 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

Tgt Ion: 75 Resp: 18812
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.0 57.0#
 77 0.0 25.1 37.7#



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: 6.747 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

51419ME

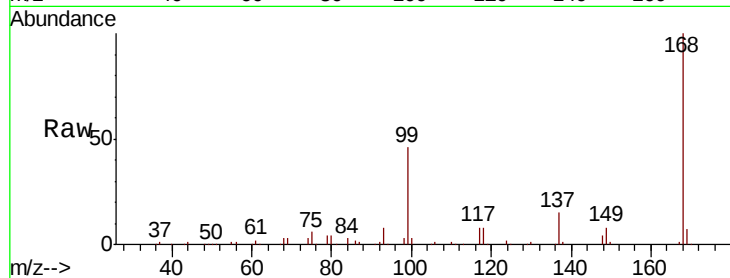
Tot Ion:117 Resp: 26399

Ion Ratio Lower Upper

117 100

119 5.1 79.0 118.6#

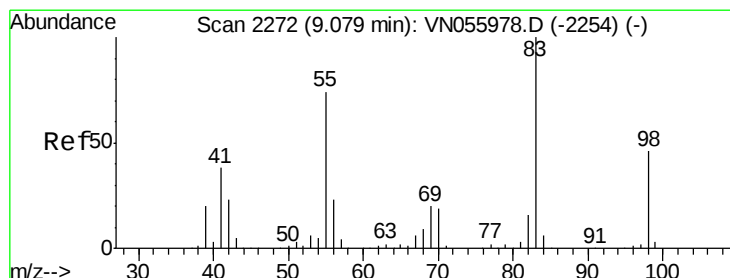
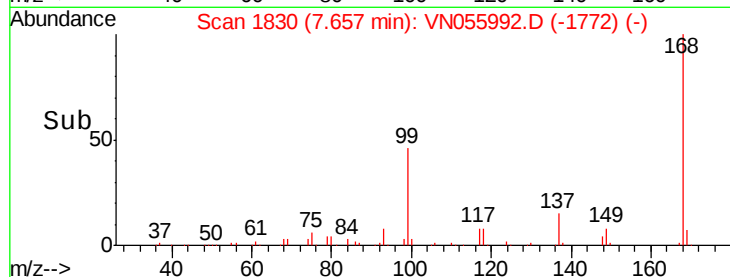
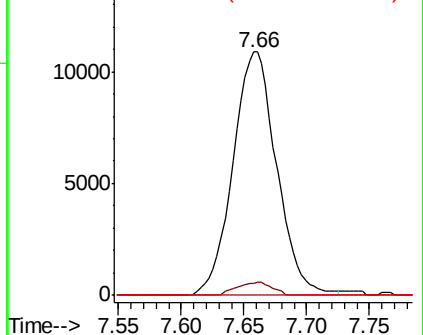
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 0.230 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. -0.01 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

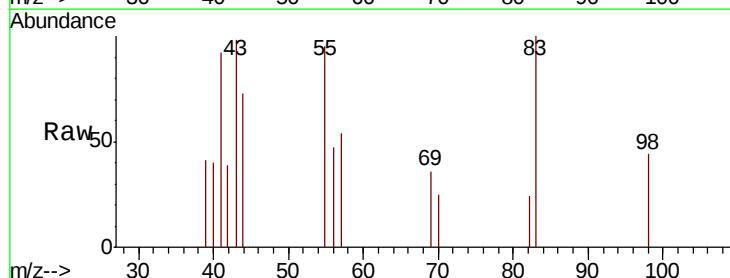
Tgt Ion: 83 Resp: 1217

Ion Ratio Lower Upper

83 100

55 69.2 59.3 88.9

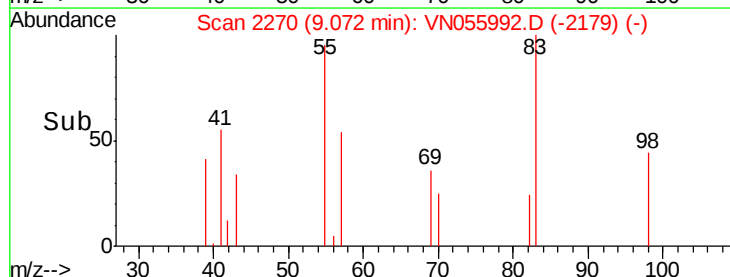
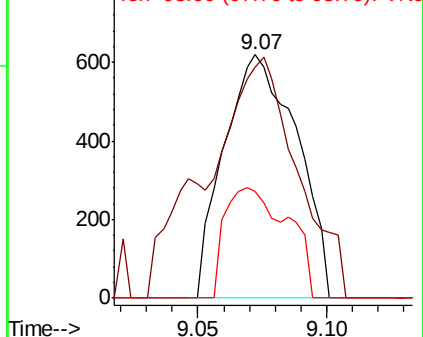
98 43.7 36.6 54.8

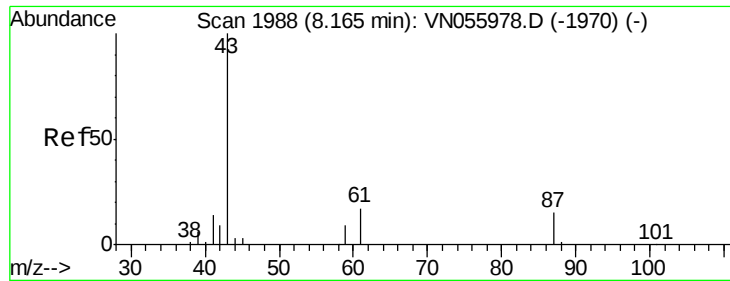


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#43

Isopropyl Acetate

Concen: 0.310 ug/l

RT: 8.24 min Scan# 2012

Delta R.T. 0.08 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

51419ME

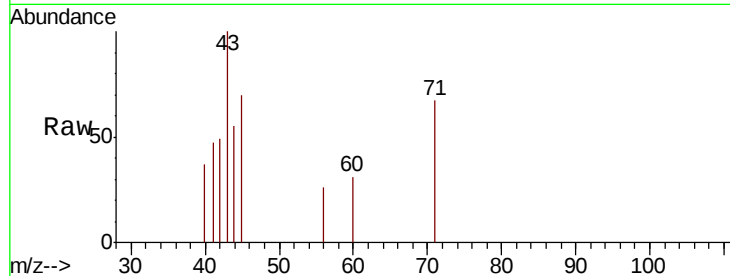
Tot Ion: 43 Resp: 1896

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

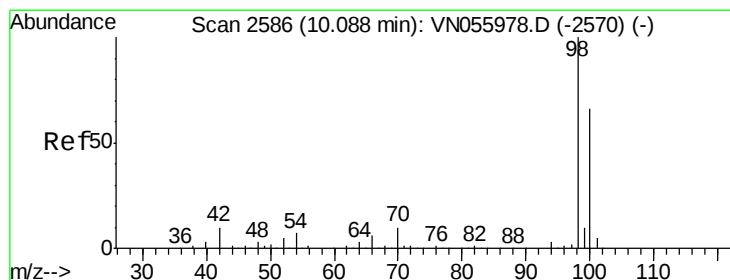
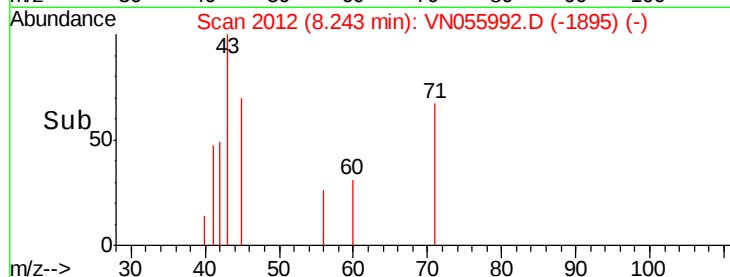
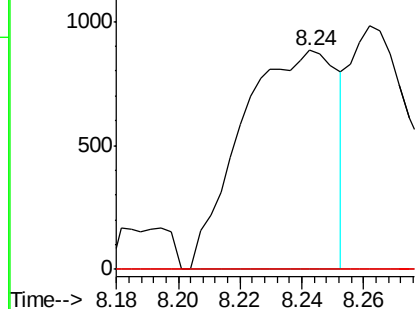
87 0.0 11.4 17.2#



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: 50.220 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055992.D

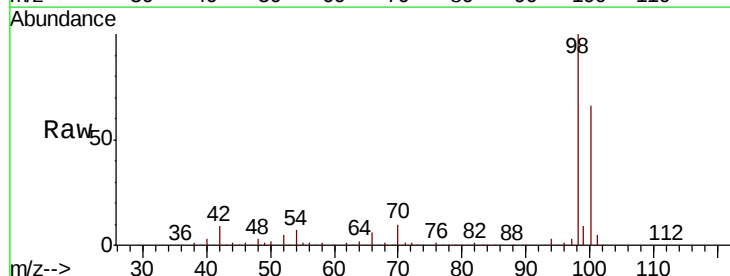
Acq: 4 Jun 2019 15:40

Tgt Ion: 98 Resp: 585145

Ion Ratio Lower Upper

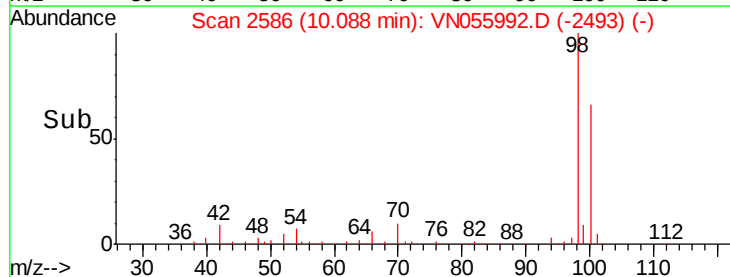
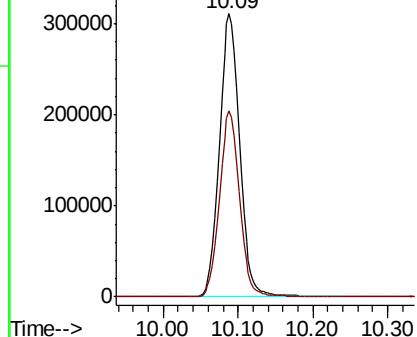
98 100

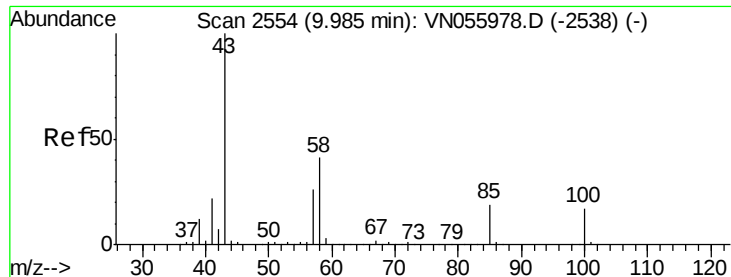
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

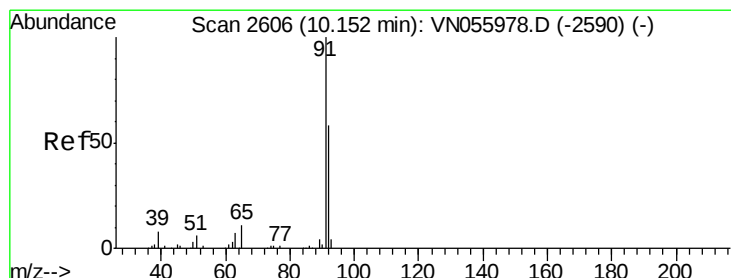
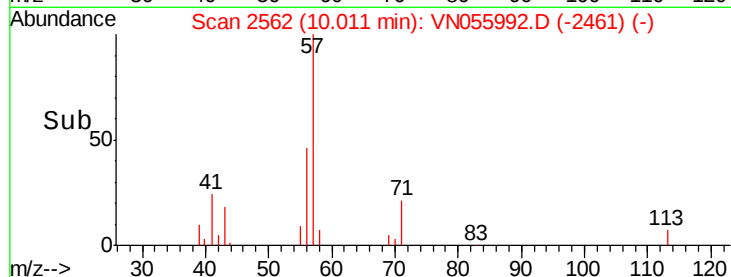
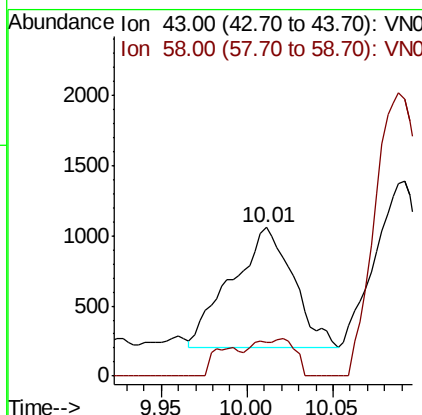
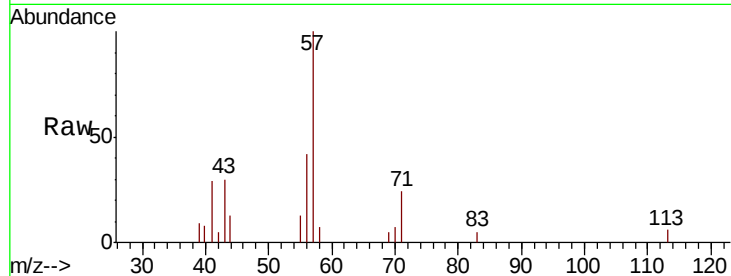




#51
 4-Methyl-2-Pentanone
 Concen: 0.556 ug/l
 RT: 10.01 min Scan# 2562
 Delta R.T. 0.03 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

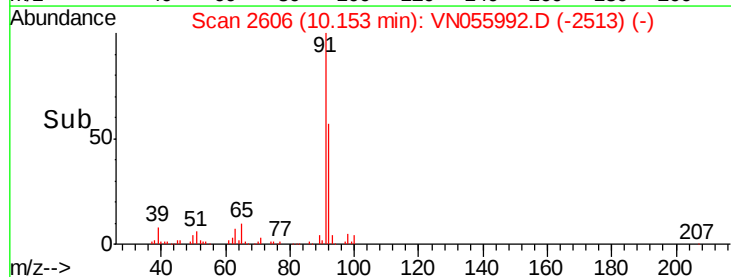
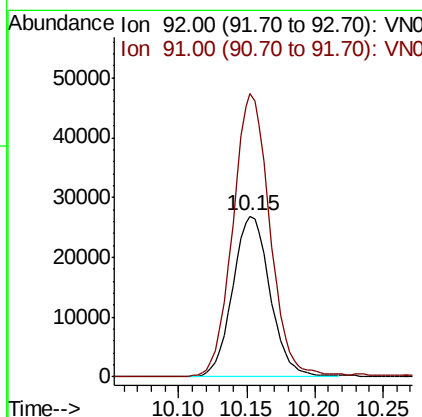
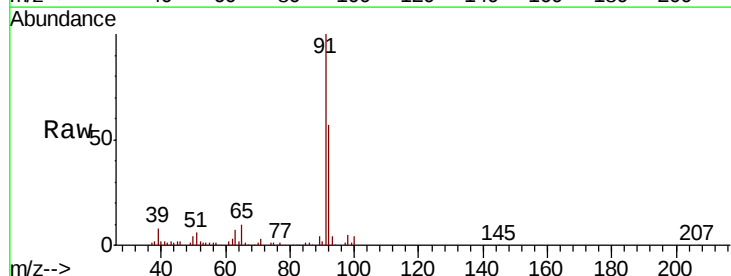
Instrument :
 MSVOA_N
 ClientSampled :
 51419ME

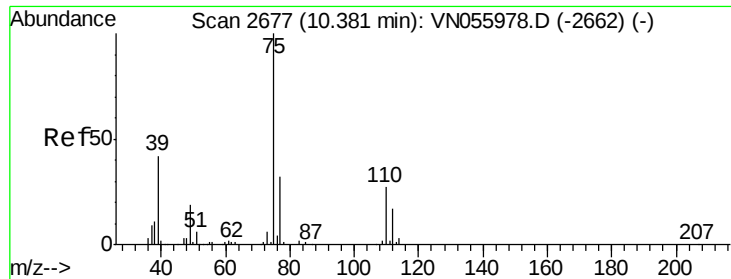
Tot Ion: 43 Resp: 2127
 Ion Ratio Lower Upper
 43 100
 58 11.7 32.1 48.1#



#52
 Toluene
 Concen: 6.389 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

Tgt Ion: 92 Resp: 51243
 Ion Ratio Lower Upper
 92 100
 91 174.6 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 2.467 ug/l

RT: 10.25 min Scan# 2635

Delta R.T. -0.13 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

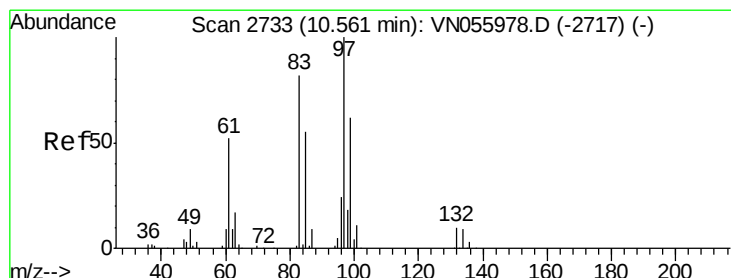
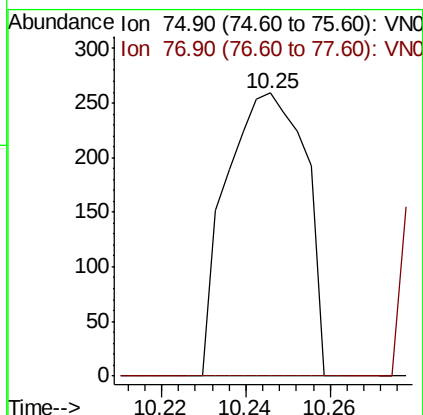
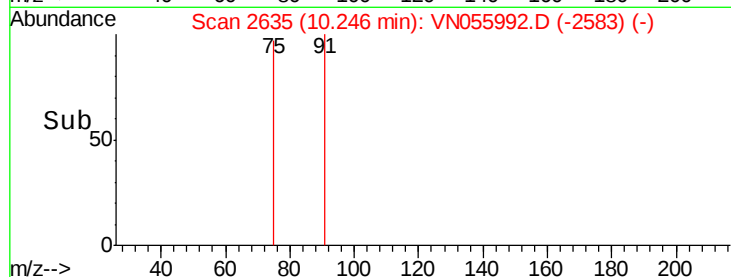
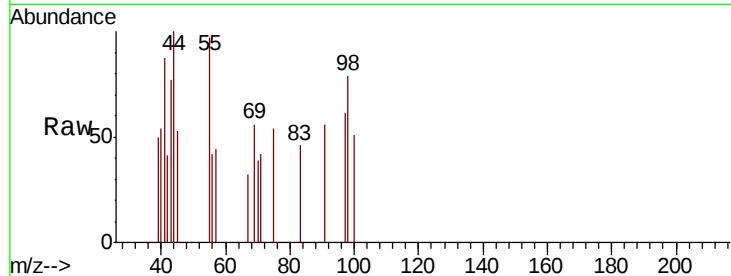
51419ME

Tot Ion: 75 Resp: 335

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#



#55

1,1,2-Trichloroethane

Concen: 1.058 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Tgt Ion: 97 Resp: 3360

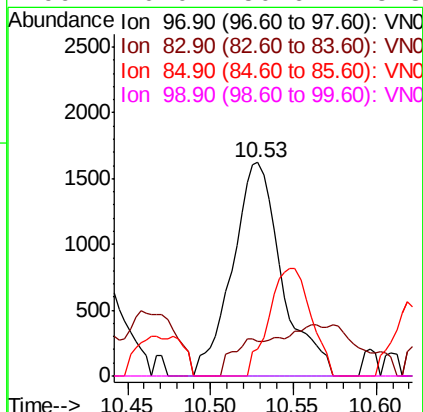
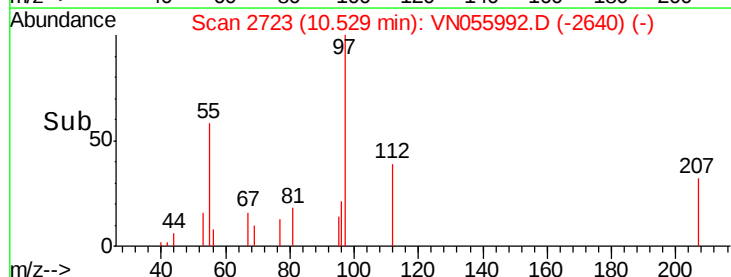
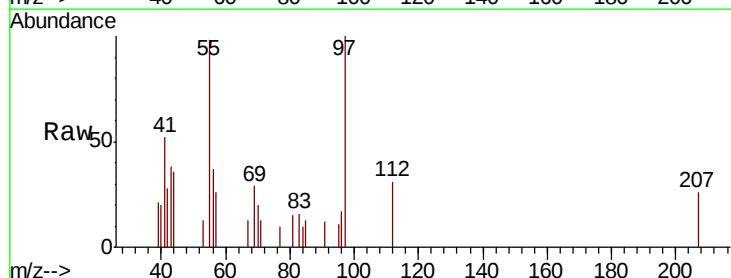
Ion Ratio Lower Upper

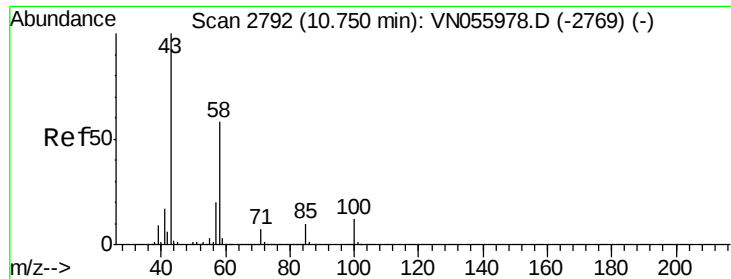
97 100

83 4.9 67.0 100.6#

85 12.8 44.0 66.0#

99 0.0 50.6 75.8#

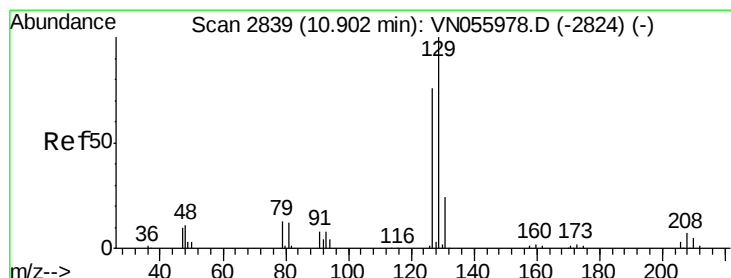
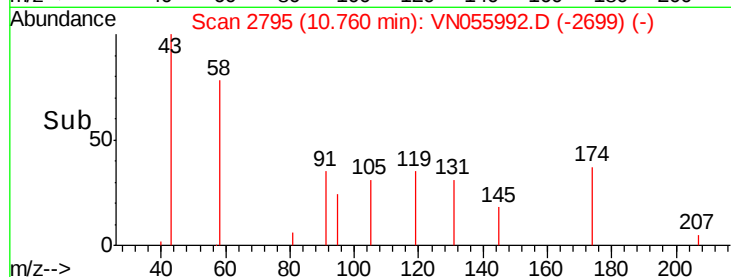
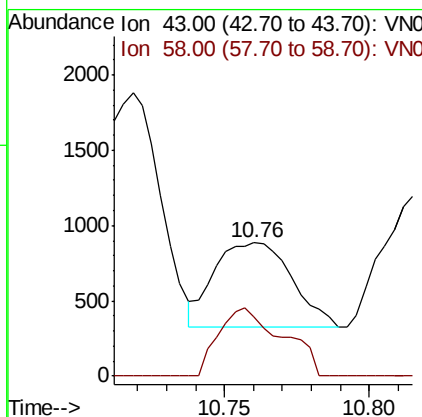
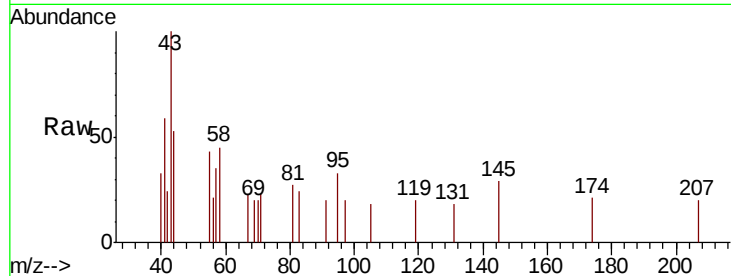




#59
2-Hexanone
Concen: 0.374 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

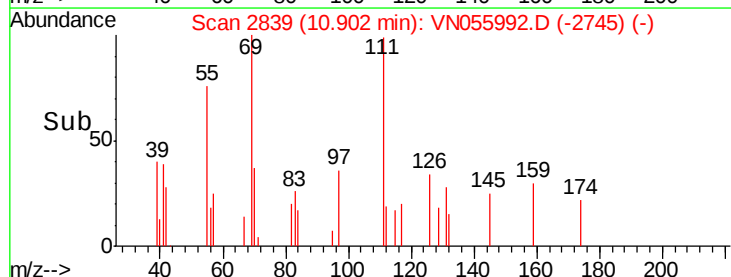
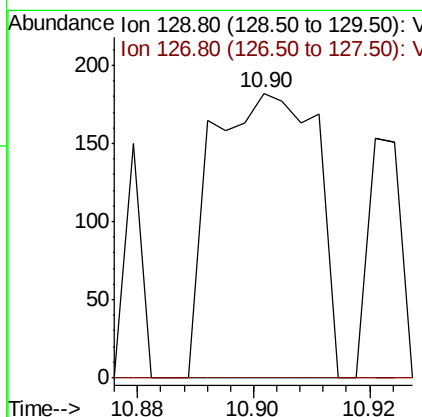
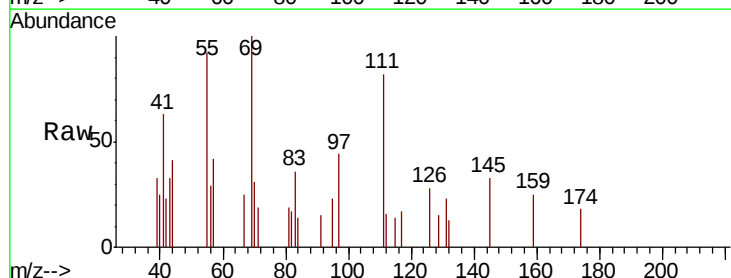
Instrument :
MSVOA_N
ClientSampled :
51419ME

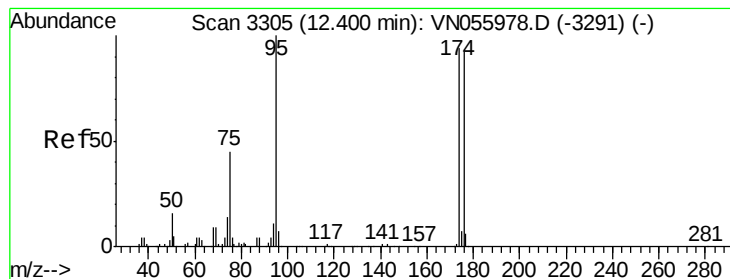
Tot Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 67.0 28.2 84.7



#60
Dibromochloromethane
Concen: 2.513 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

Tgt Ion: 129 Resp: 227
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#





#62

4-Bromofluorobenzene

Concen: 50.488 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

51419ME

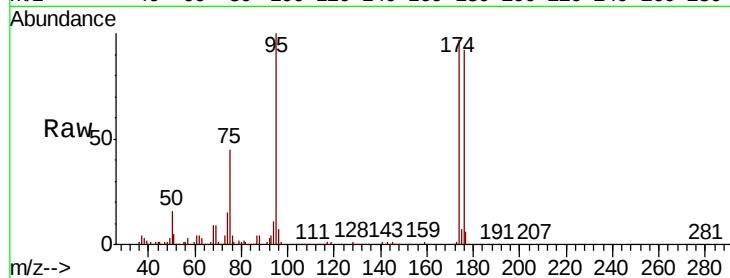
Tot Ion: 95 Resp: 200055

Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.0

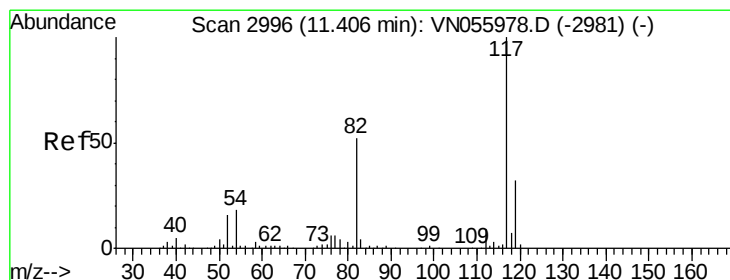
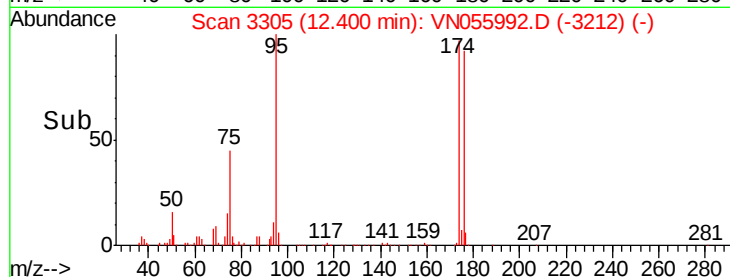
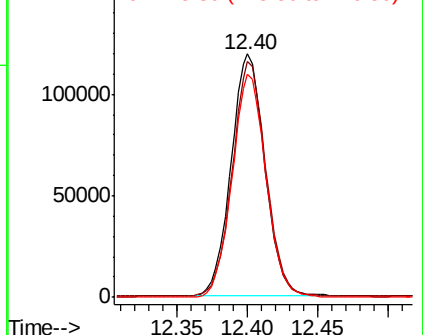
176 92.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

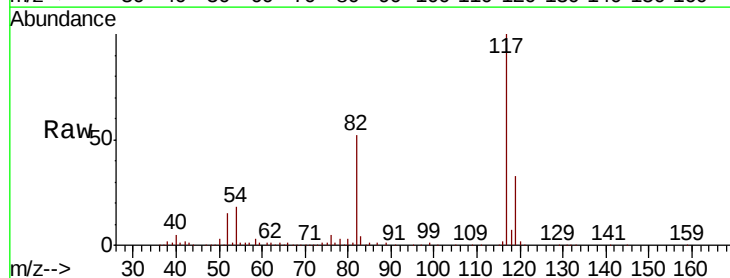
Tgt Ion: 117 Resp: 452821

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

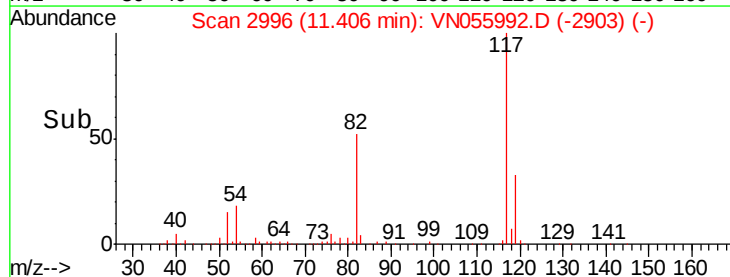
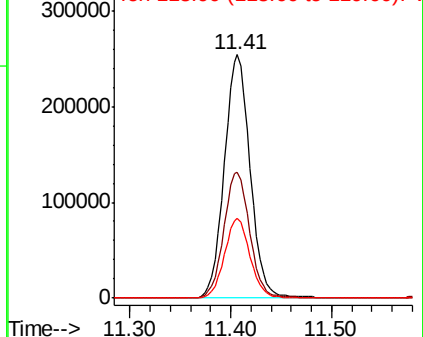
119 32.6 25.4 38.0

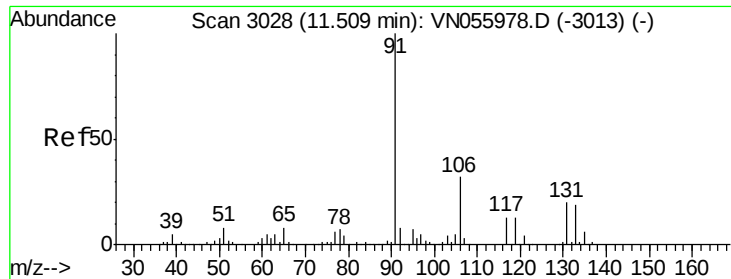


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

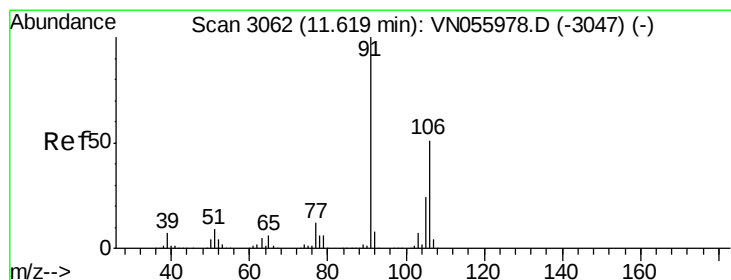
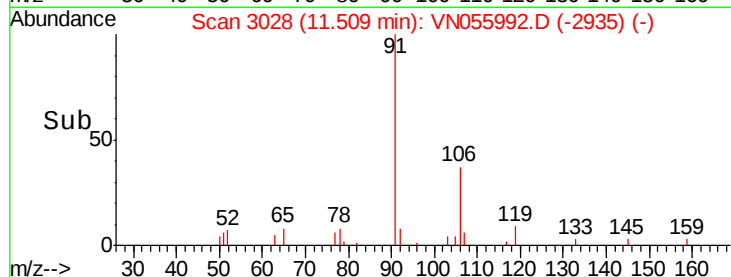
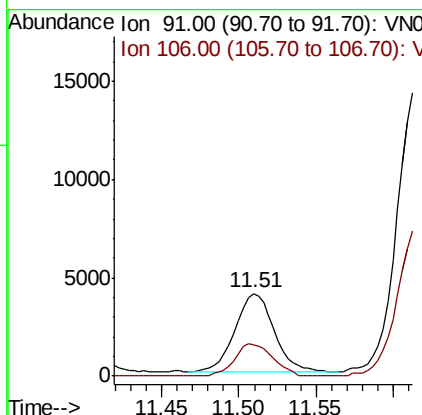
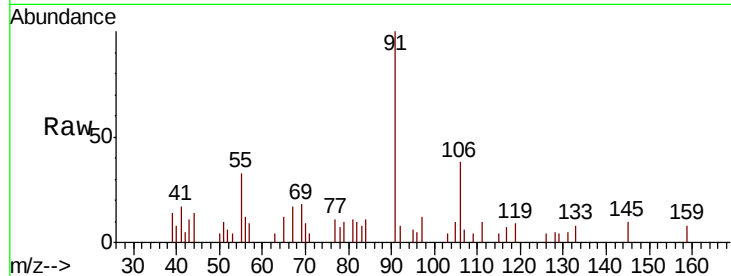




#67
Ethyl Benzene
Concen: 0.450 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

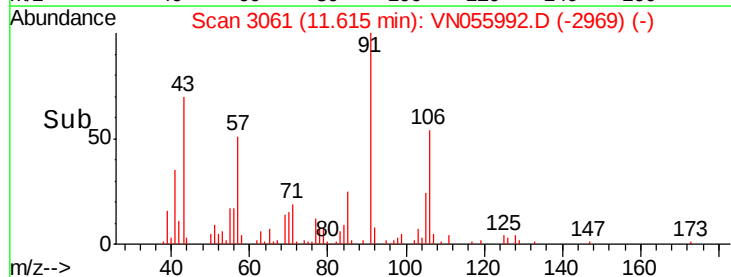
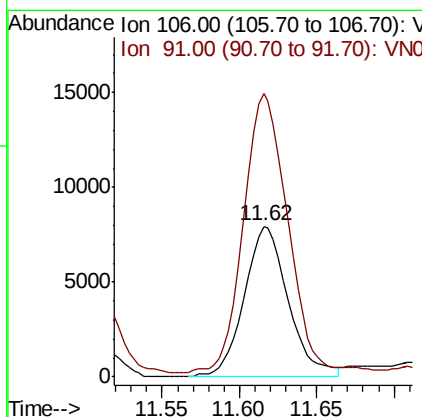
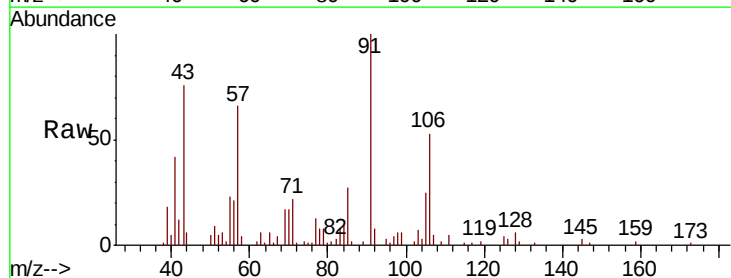
Instrument :
MSVOA_N
ClientSampleId :
51419ME

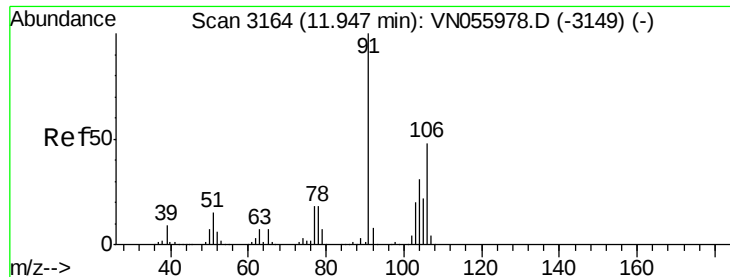
Tot Ion: 91 Resp: 7059
Ion Ratio Lower Upper
91 100
106 40.5 25.1 37.7#



#68
m/p-Xylenes
Concen: 2.636 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

Tgt Ion: 106 Resp: 15782
Ion Ratio Lower Upper
106 100
91 183.0 159.3 238.9

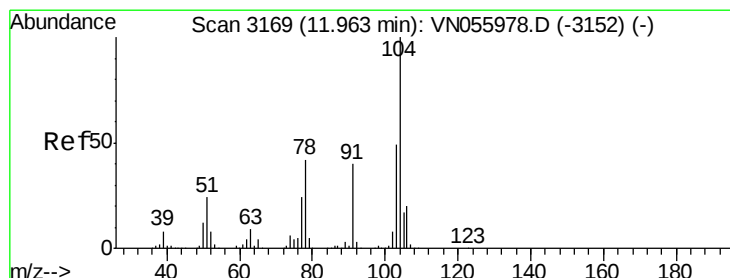
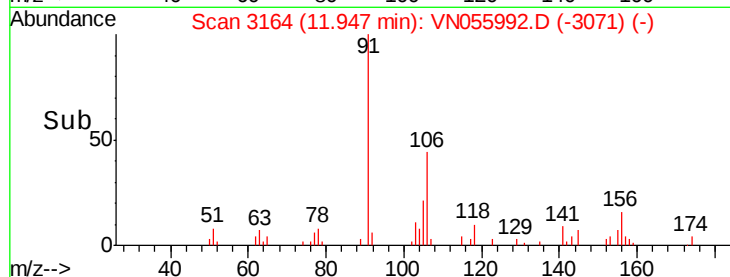
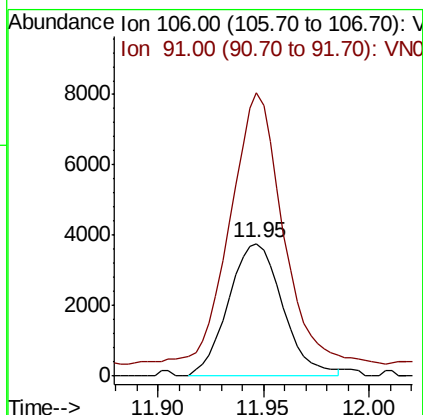
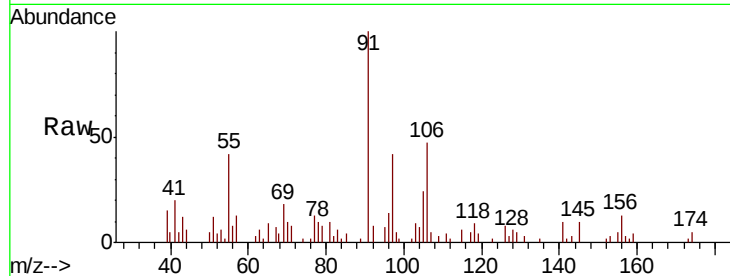




#69
o-Xylene
Concen: 1.146 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

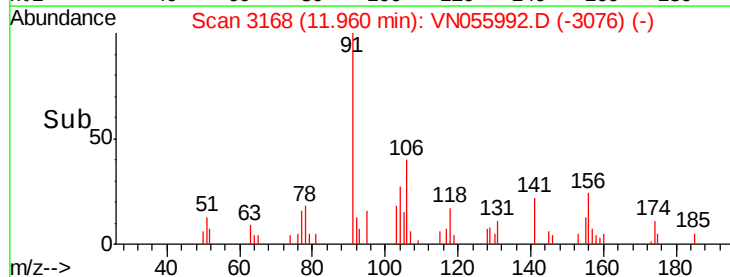
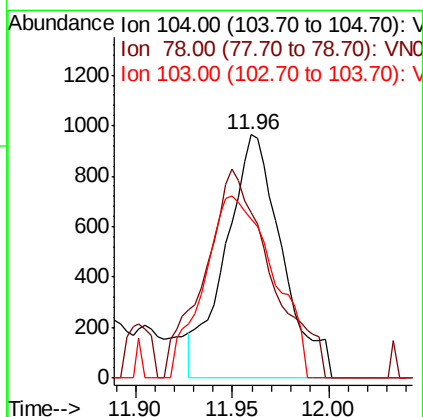
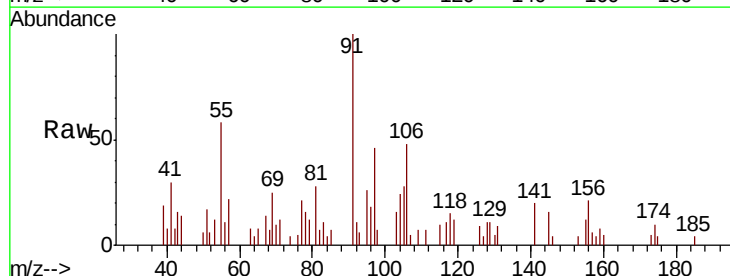
Instrument :
MSVOA_N
ClientSampled :
51419ME

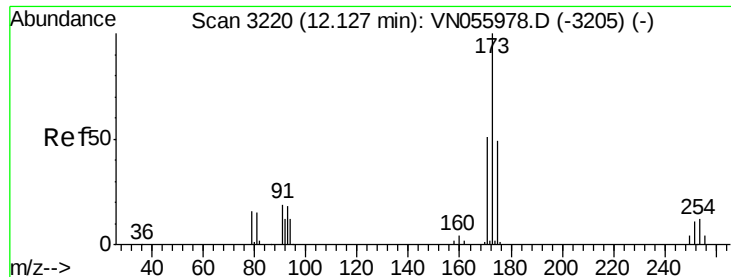
Tot Ion:106 Resp: 6748
Ion Ratio Lower Upper
106 100
91 198.3 104.7 314.1



#70
Styrene
Concen: 0.209 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

Tgt Ion:104 Resp: 1955
Ion Ratio Lower Upper
104 100
78 101.5 37.8 56.6#
103 92.0 44.2 66.2#





#71

Bromoform

Concen: 2.807 ug/l

RT: 12.12 min Scan# 3217

Delta R.T. -0.01 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

51419ME

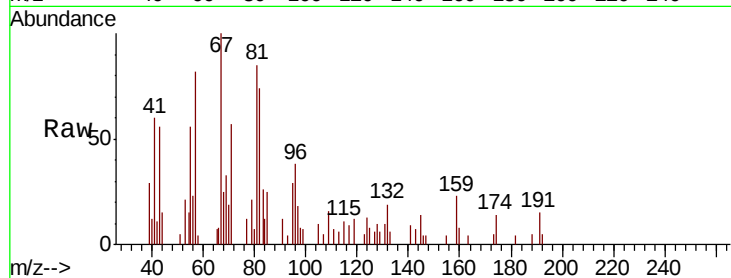
Tot Ion:173 Resp: 180

Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.8#

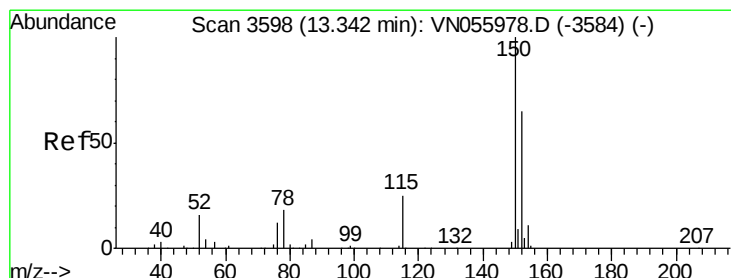
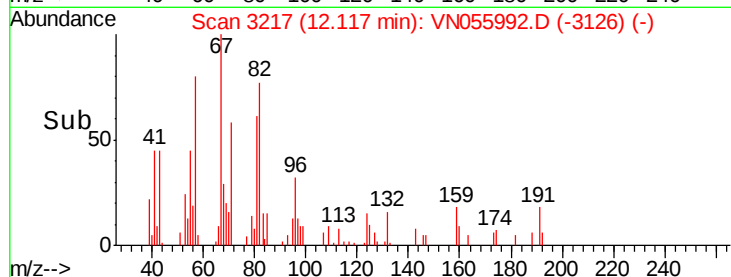
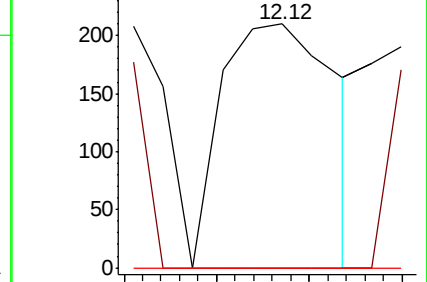
254 0.0 0.0 0.0



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: VN055992.D

Acq: 4 Jun 2019 15:40

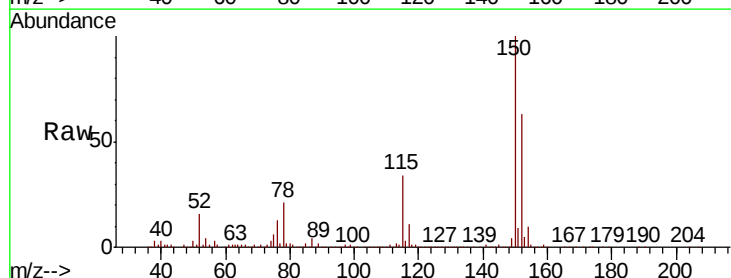
Tgt Ion:152 Resp: 205752

Ion Ratio Lower Upper

152 100

115 53.1 27.0 81.0

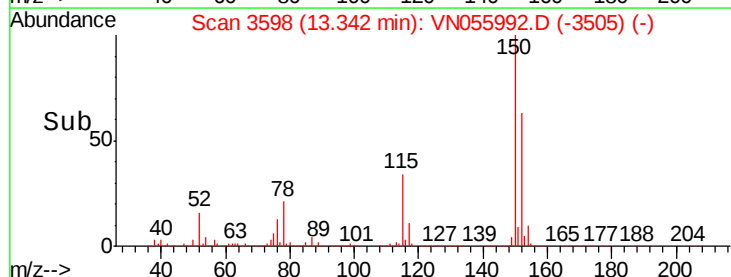
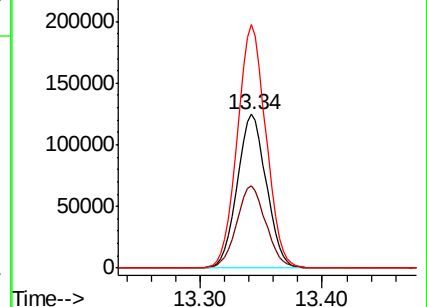
150 156.3 0.0 343.2

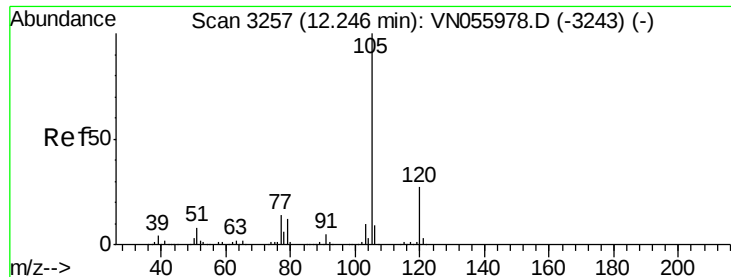


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3258

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

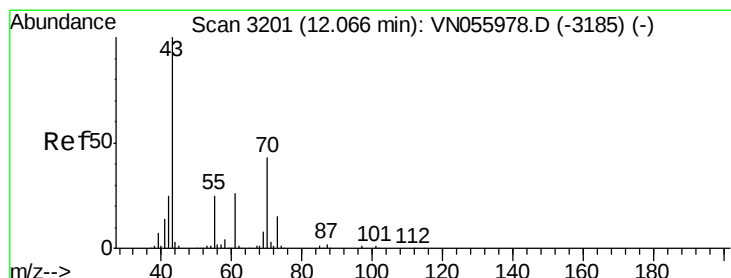
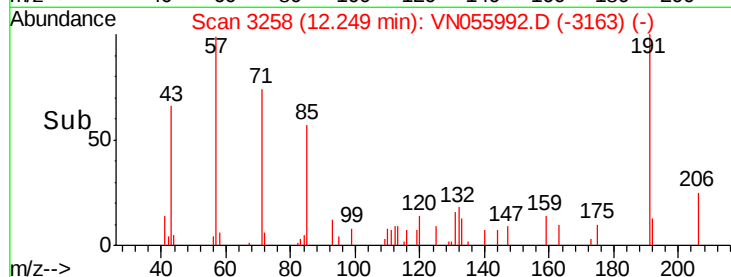
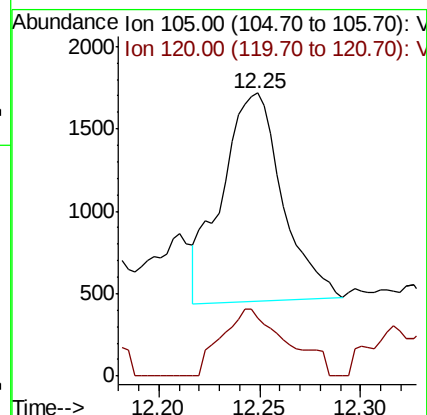
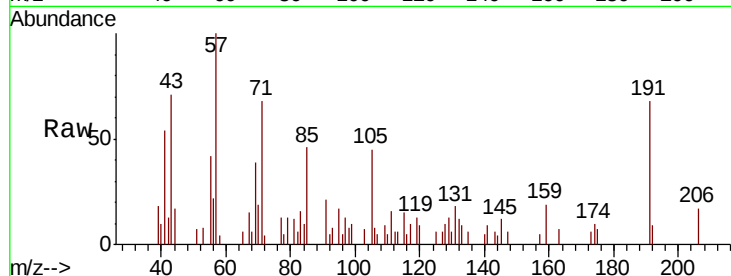
51419ME

Tot Ion: 105 Resp: 2647

Ion Ratio Lower Upper

105 100

120 34.3 13.6 40.7



#74

N-ethyl acetate

Concen: 0.524 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Tgt Ion: 43 Resp: 2875

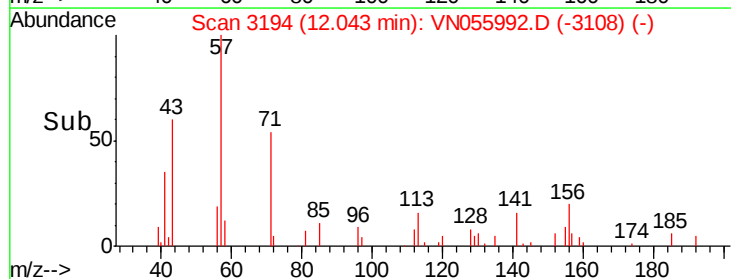
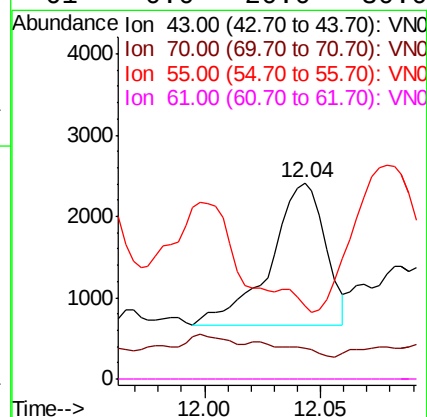
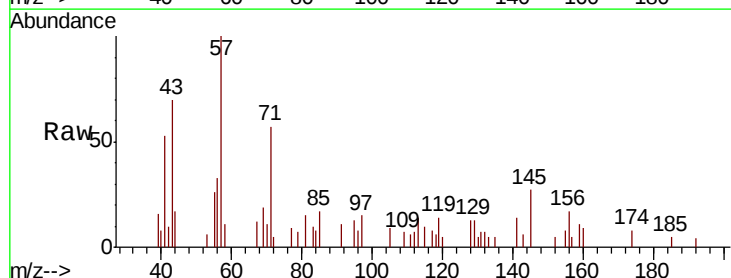
Ion Ratio Lower Upper

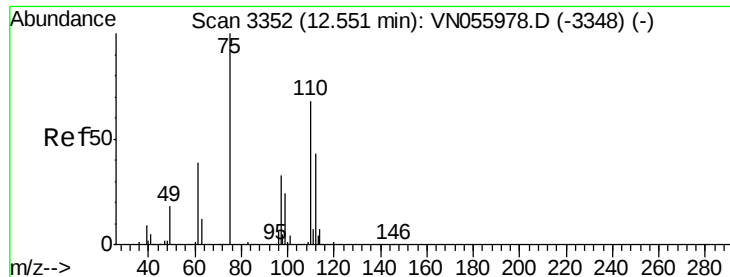
43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#





#76

1,2,3-Trichloropropane

Concen: 23.943 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampled :

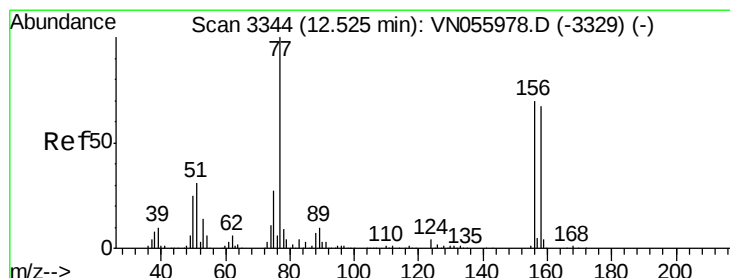
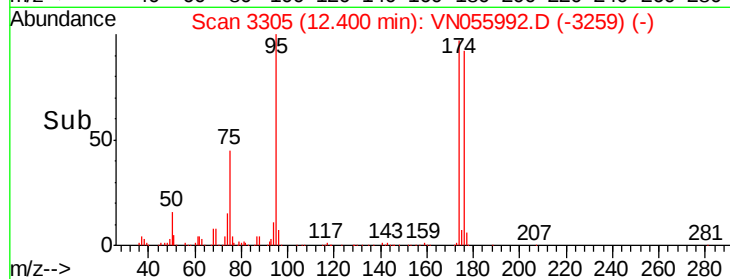
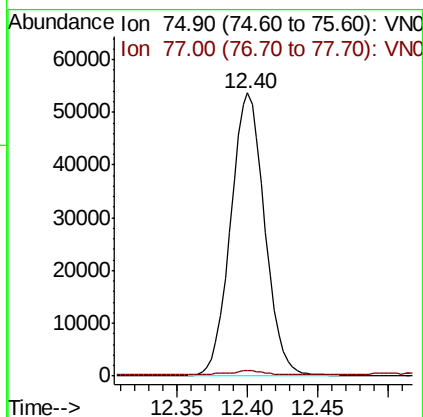
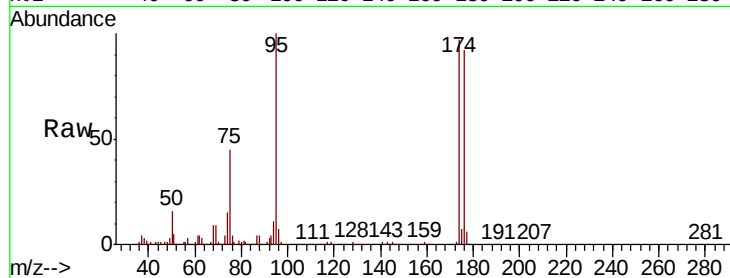
51419ME

Tot Ion: 75 Resp: 90645

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#77

Bromobenzene

Concen: 1.943 ug/l

RT: 12.54 min Scan# 3349

Delta R.T. 0.02 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

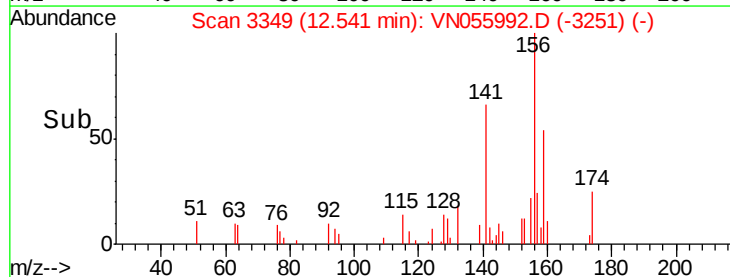
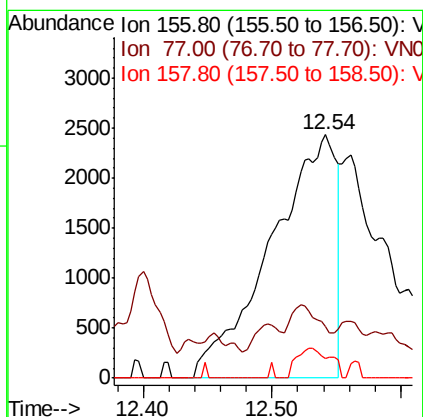
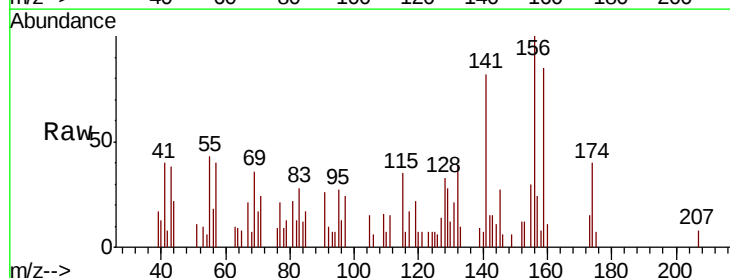
Tgt Ion: 156 Resp: 8560

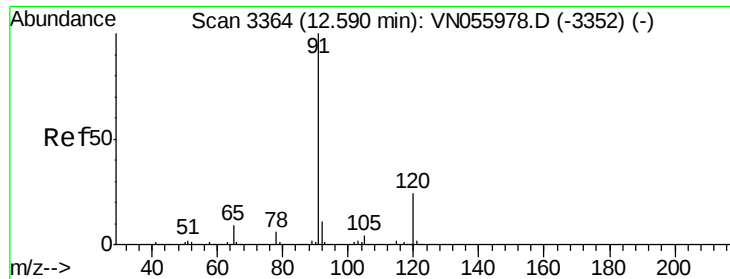
Ion Ratio Lower Upper

156 100

77 4.8 90.8 272.5#

158 6.2 49.3 147.8#





#78

n-propylbenzene

Concen: 0.271 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampled :

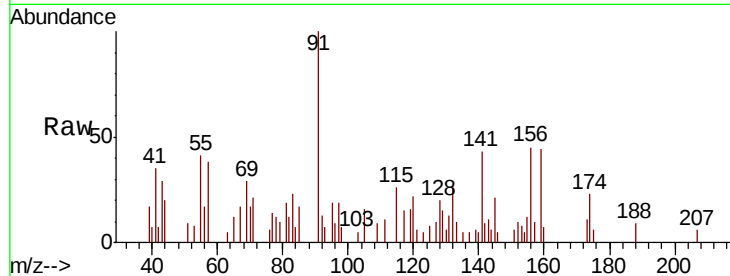
51419ME

Tot Ion: 91 Resp: 4709

Ion Ratio Lower Upper

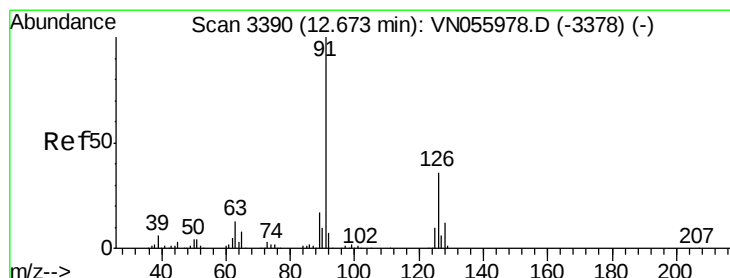
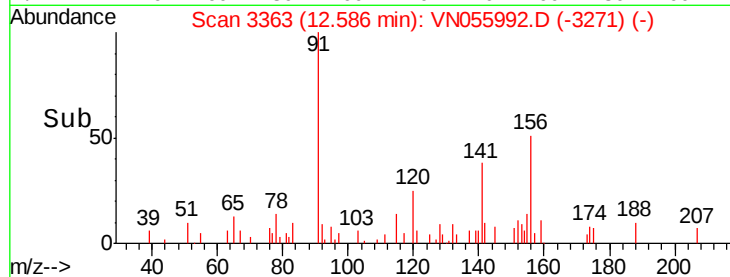
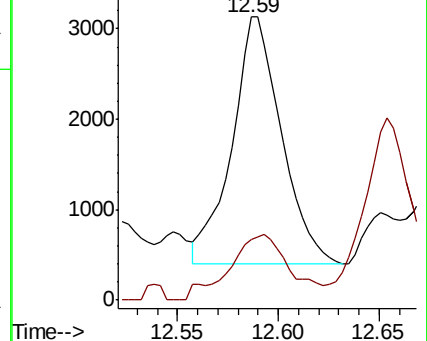
91 100

120 32.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN055992.D

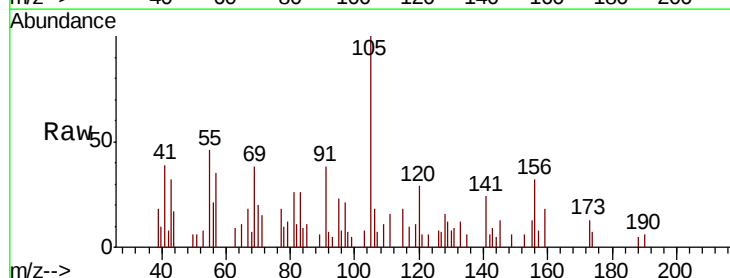
Acq: 4 Jun 2019 15:40

Tgt Ion: 91 Resp: 1064

Ion Ratio Lower Upper

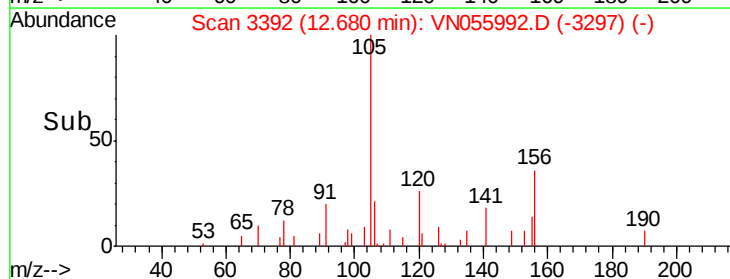
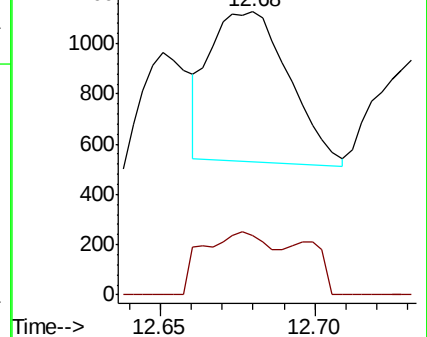
91 100

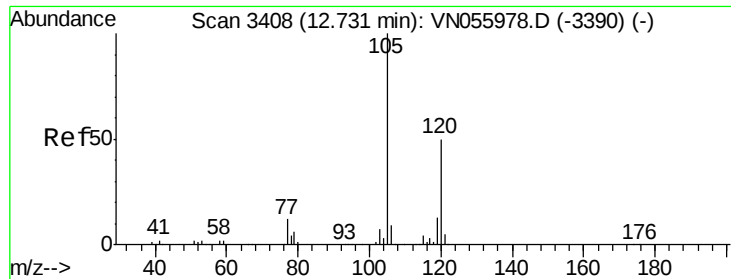
126 37.9 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.602 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

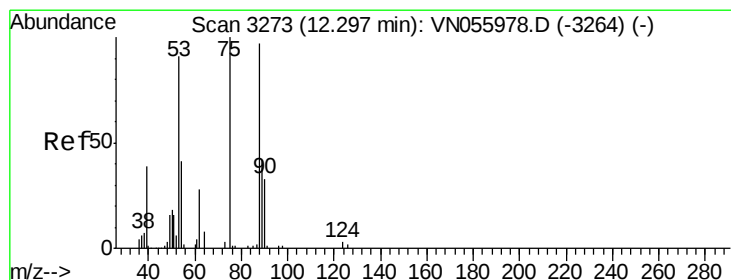
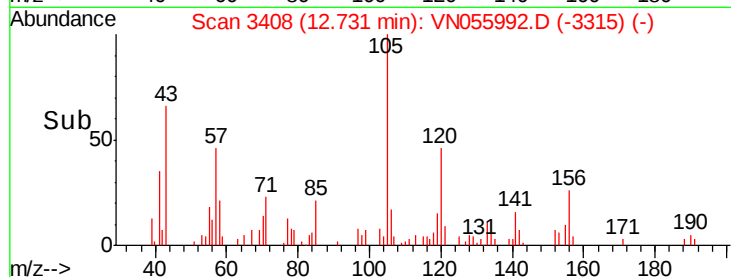
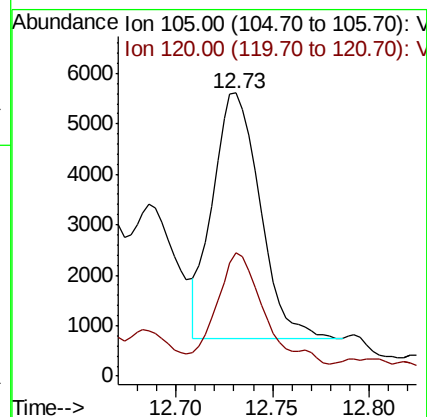
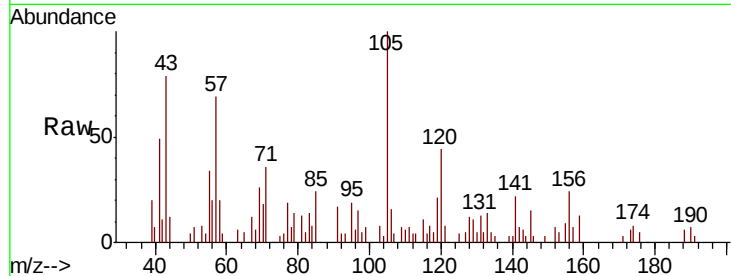
51419ME

Tot Ion:105 Resp: 8333

Ion Ratio Lower Upper

105 100

120 46.5 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 79.733 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

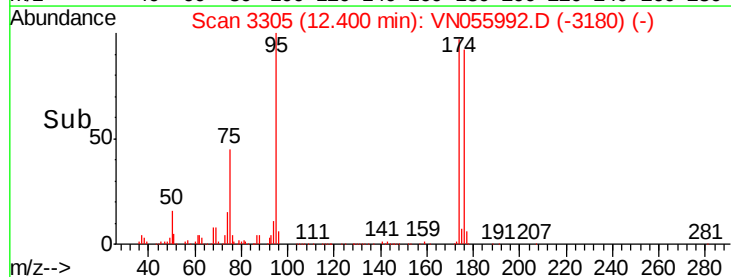
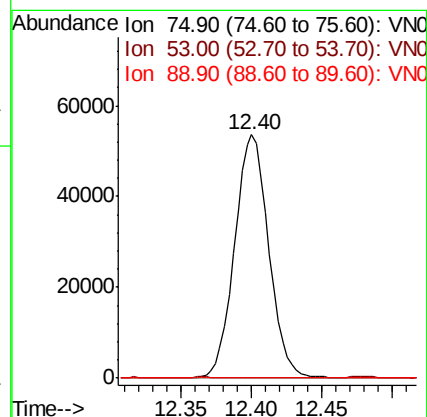
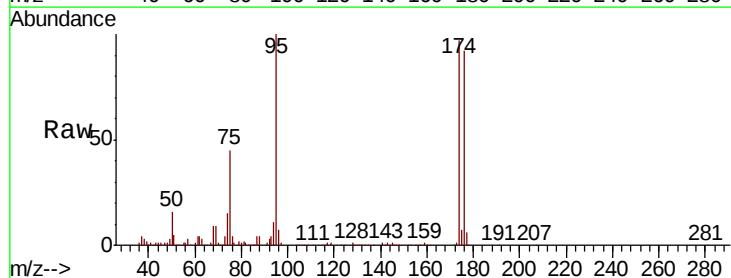
Tgt Ion: 75 Resp: 90645

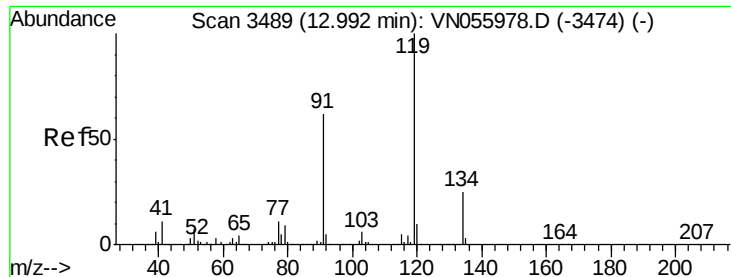
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#

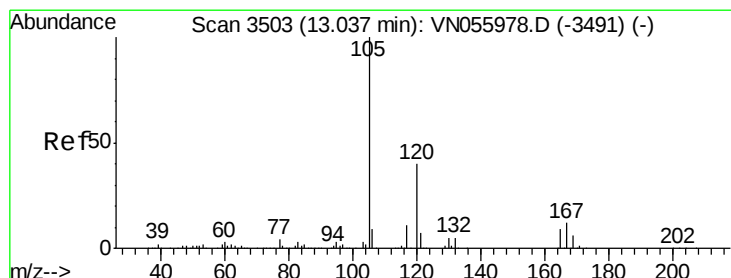
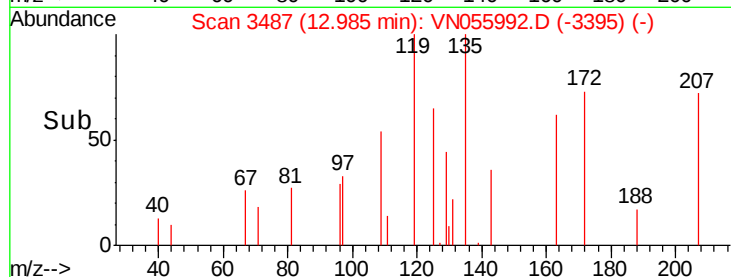
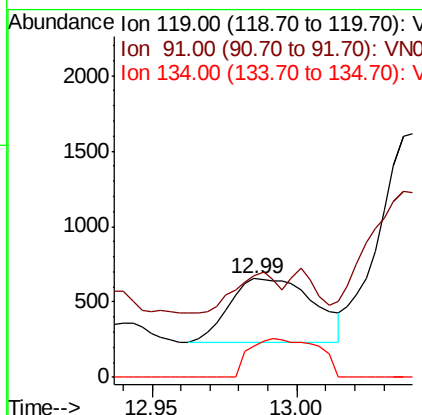
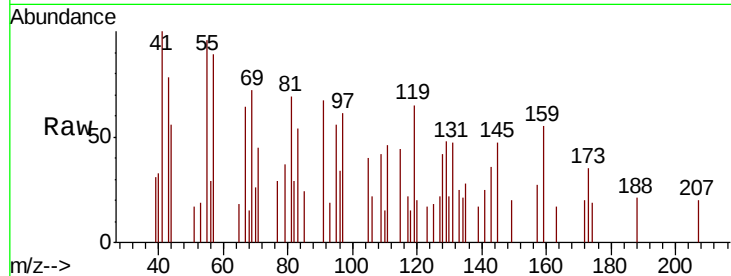




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

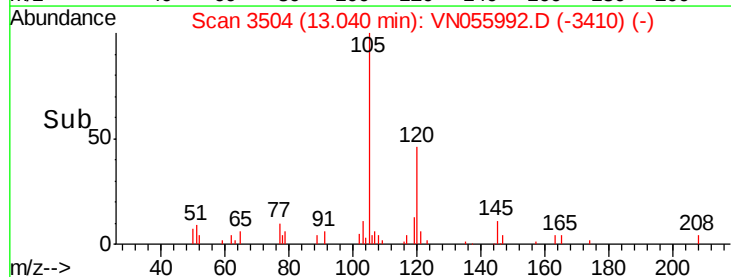
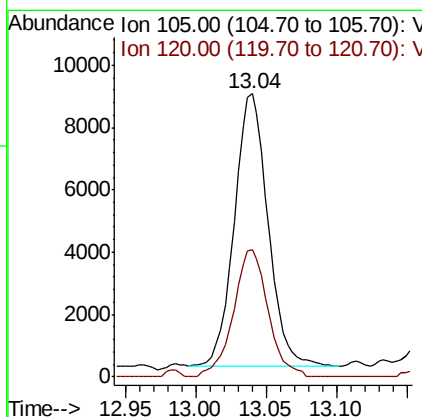
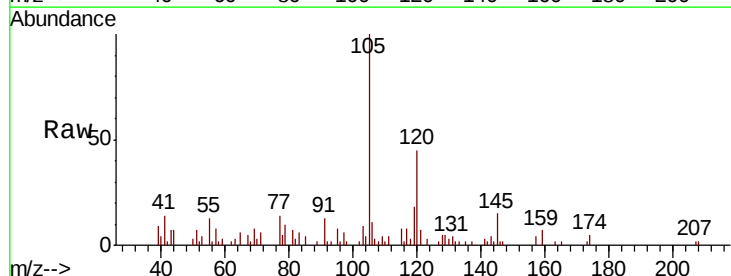
Instrument :
 MSVOA_N
 ClientSampleId :
 51419ME

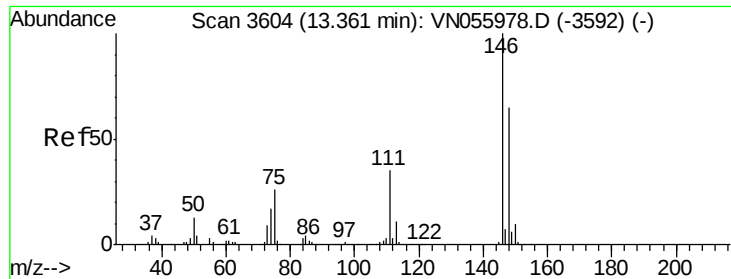
Tot Ion:119 Resp: 858
 Ion Ratio Lower Upper
 119 100
 91 32.4 30.9 92.8
 134 48.8 13.3 39.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.113 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

Tgt Ion:105 Resp: 14605
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.0 69.0

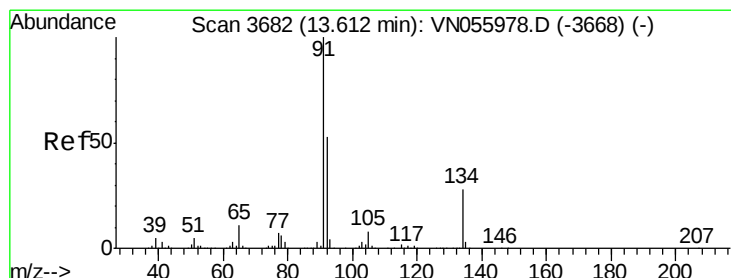
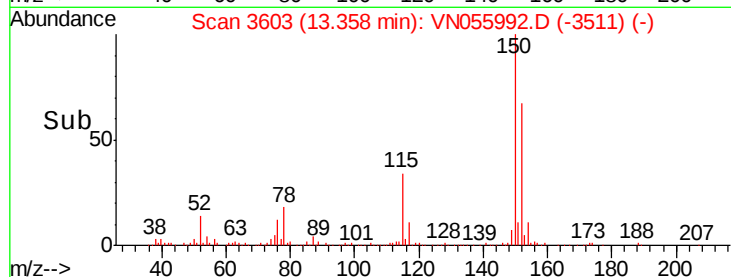
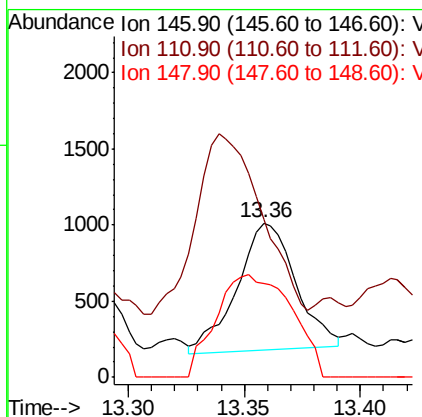
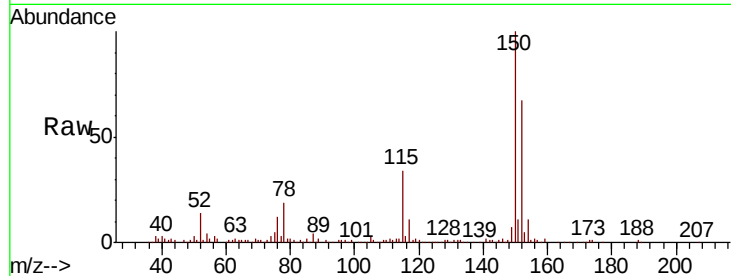




#88
 1,4-Dichlorobenzene
 Concen: 0.224 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

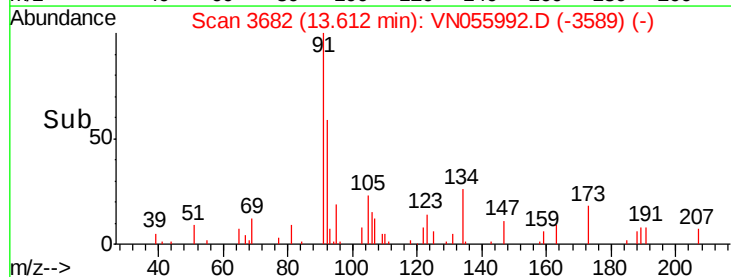
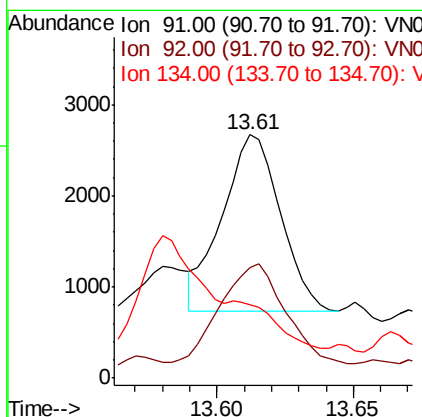
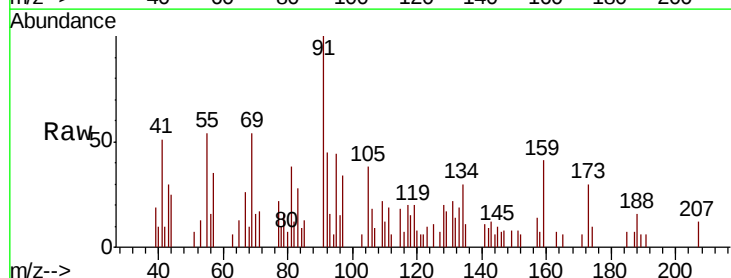
Instrument :
 MSVOA_N
 ClientSampleId :
 51419ME

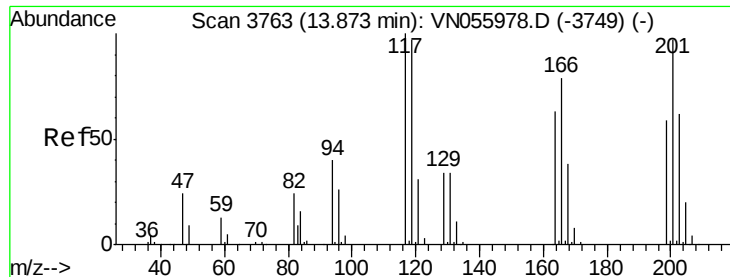
Tot Ion:146 Resp: 1470
 Ion Ratio Lower Upper
 146 100
 111 162.1 18.1 54.4#
 148 103.9 32.1 96.5#



#89
 n-Butylbenzene
 Concen: 0.283 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

Tgt Ion: 91 Resp: 2889
 Ion Ratio Lower Upper
 91 100
 92 66.6 26.4 79.0
 134 0.0 13.9 41.7#





#90

Hexachloroethane

Concen: 0.770 ug/l

RT: 13.90 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

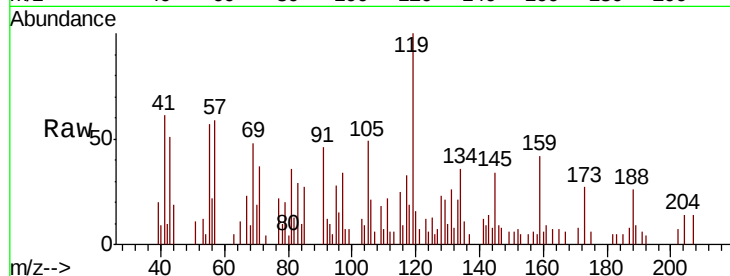
51419ME

Tot Ion:117 Resp: 1602

Ion Ratio Lower Upper

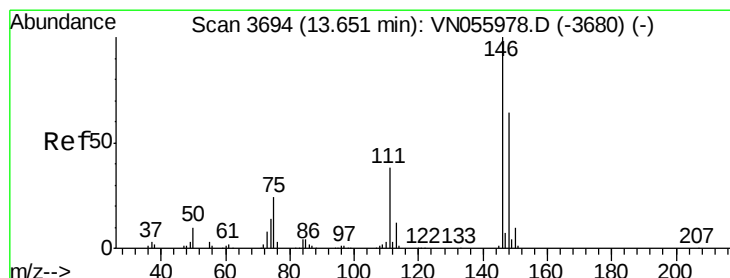
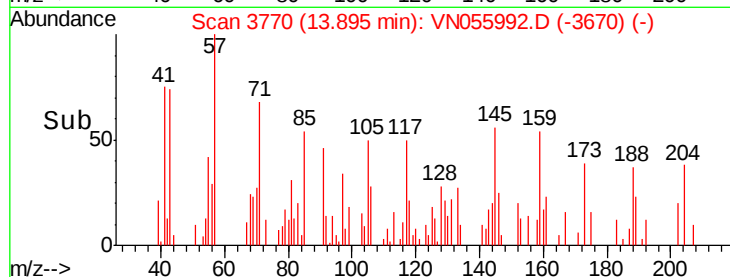
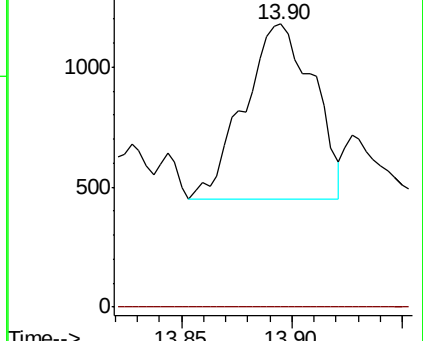
117 100

201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.223 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

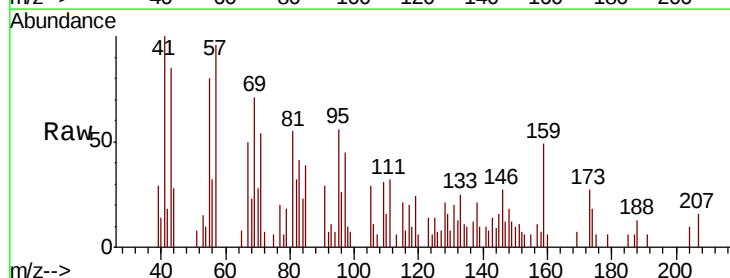
Tgt Ion:146 Resp: 1532

Ion Ratio Lower Upper

146 100

111 35.6 19.1 57.5

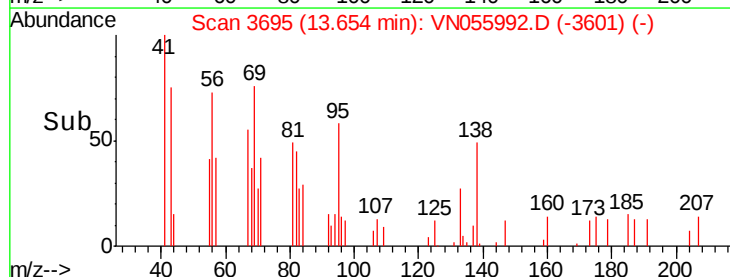
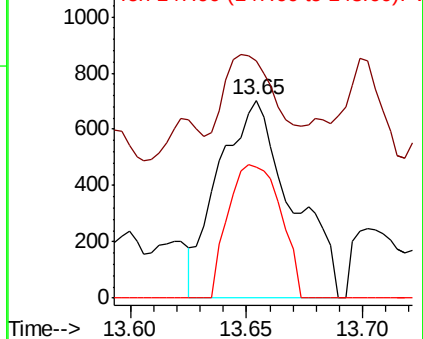
148 48.7 31.9 95.9

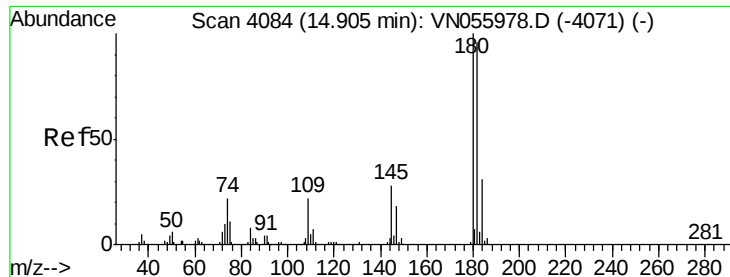


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2,4-Trichlorobenzene

Concen: 5.002 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampled :

51419ME

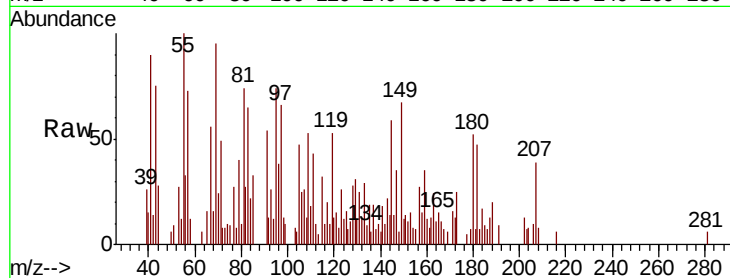
Tot Ion:180 Resp: 3039

Ion Ratio Lower Upper

180 100

182 90.7 48.3 144.9

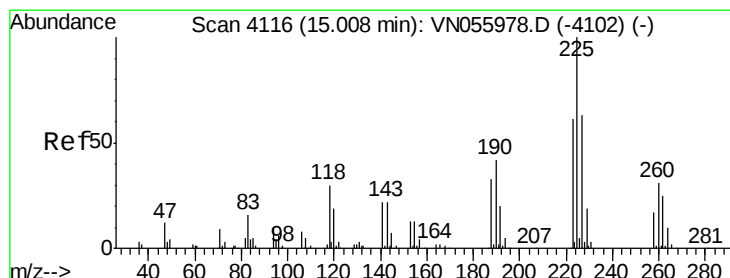
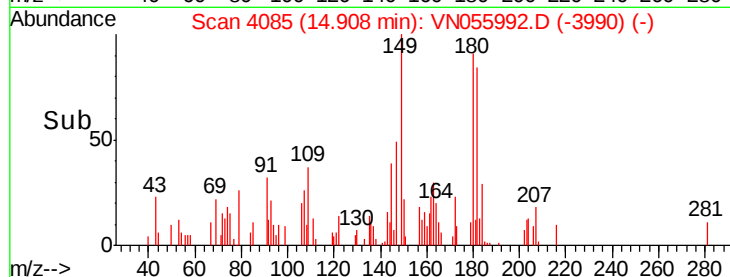
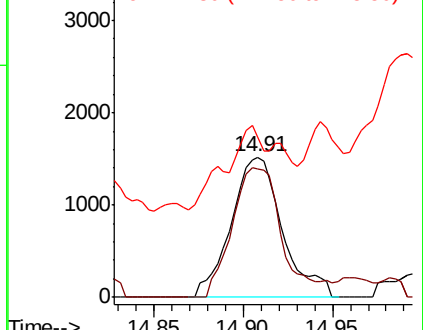
145 16.2 14.0 41.9



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: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

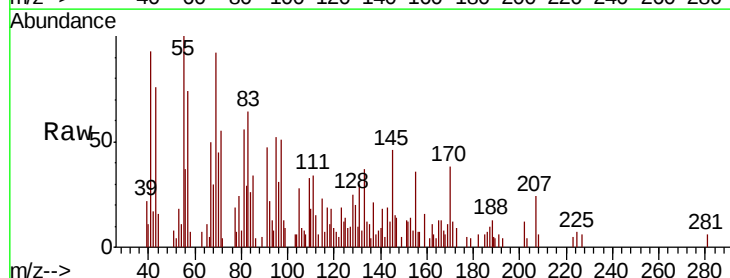
Tgt Ion:225 Resp: 430

Ion Ratio Lower Upper

225 100

223 47.2 30.9 92.7

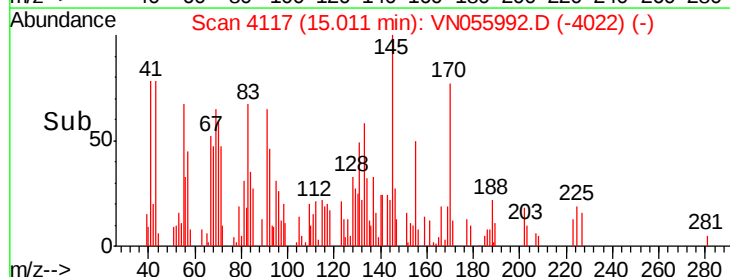
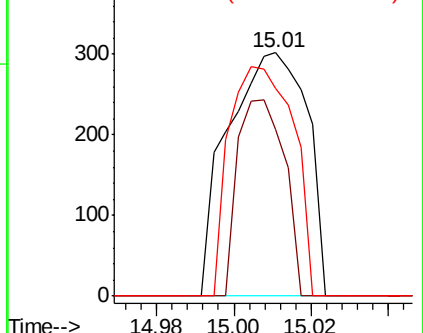
227 76.0 31.6 94.7

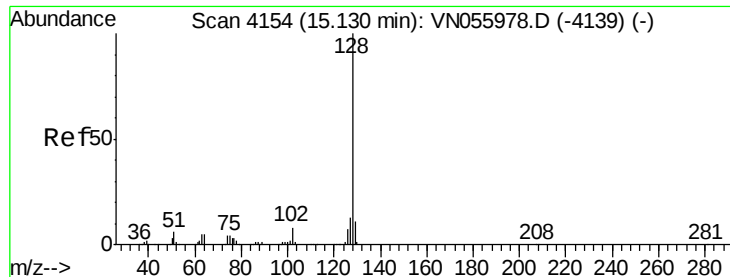


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.779 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

51419ME

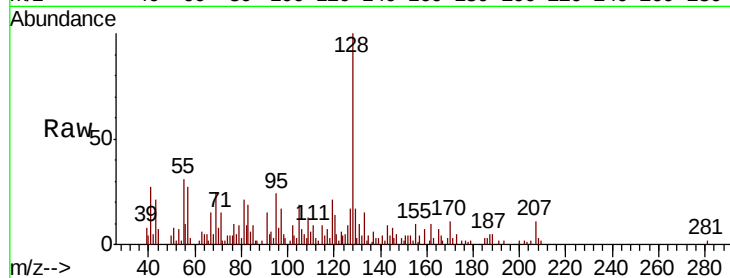
Tot Ion:128 Resp: 20556

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

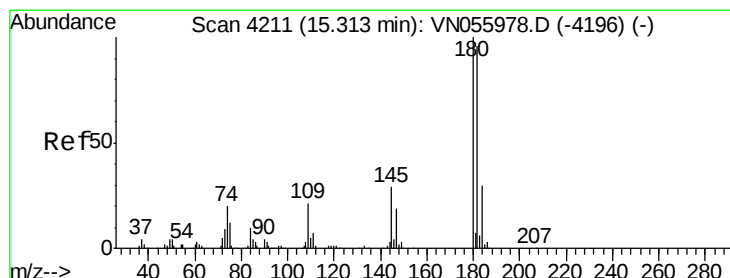
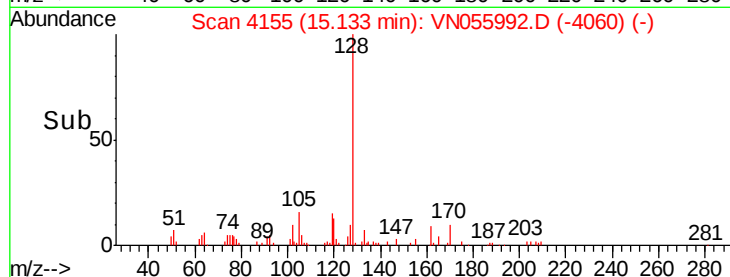
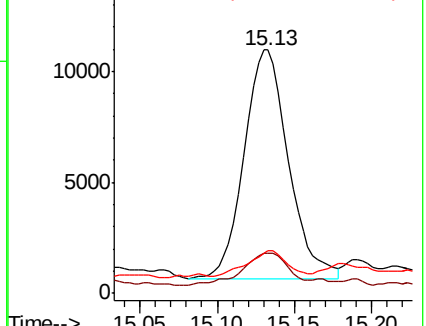
129 9.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.883 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

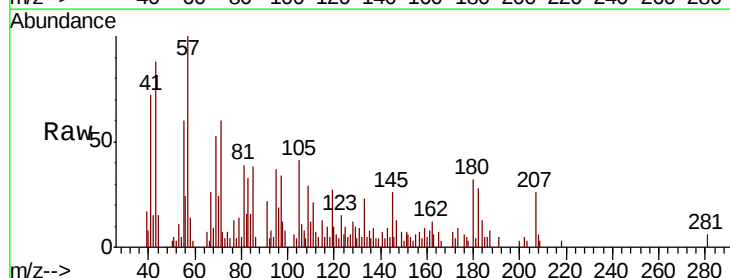
Tgt Ion:180 Resp: 3504

Ion Ratio Lower Upper

180 100

182 91.3 47.9 143.7

145 23.1 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

