

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052119\
 Data File : VN055718.D
 Acq On : 21 May 2019 18:43
 Operator : JC/SP
 Sample : K2977-04 50X
 Misc : 5.61µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:14:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	442468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	586704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239650	50.00	ug/l	0.00

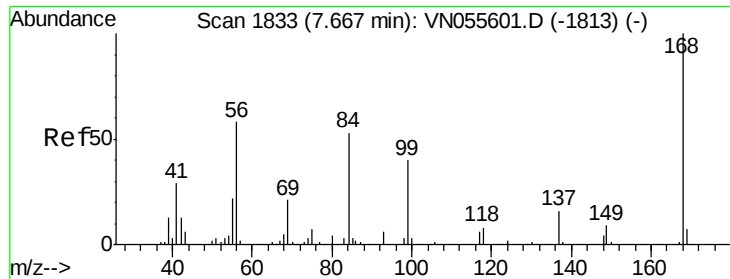
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	180771	37.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.54%	
35) Dibromofluoromethane	7.59	113	176650	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.09	98	679925	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	255069	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
18) Methyl Acetate	4.33	43	4271	1.006	ug/l #	84
31) Cyclohexane	7.66	56	5524	0.768	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22204	4.245	ug/l #	49
38) Carbon Tetrachloride	7.67	117	34548	6.181	ug/l #	15
39) Methylcyclohexane	9.08	83	8753	1.388	ug/l	91
43) Isopropyl Acetate	8.21	43	65441	7.970	ug/l #	54
55) 1,1,2-Trichloroethane	10.53	97	11112	2.797	ug/l #	20
56) Ethyl methacrylate	10.44	69	4761	0.768	ug/l #	1
59) 2-Hexanone	10.72	43	29384	8.666	ug/l #	28
65) Chlorobenzene	11.54	112	3767	0.359	ug/l #	43
67) Ethyl Benzene	11.51	91	10635	0.569	ug/l	96
68) m/p-Xylenes	11.63	106	51910	7.357	ug/l	98
71) Bromoform	12.40	173	1744	0.488	ug/l #	1
73) Isopropylbenzene	12.25	105	130241	5.605	ug/l	99
74) N-amyl acetate	12.04	43	293986	43.688	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.47	83	27204	3.366	ug/l #	26
76) 1,2,3-Trichloropropane	12.69	75	3219	0.658	ug/l #	100
78) n-propylbenzene	12.59	91	399343	18.765	ug/l	98
79) 2-Chlorotoluene	12.69	91	53565	3.127	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.69	105	417602	28.177	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.40	75	101574	53.395	ug/l #	22
82) 4-Chlorotoluene	12.69	91	53825	4.293	ug/l #	40
83) tert-Butylbenzene	12.99	119	30091	Below Cal		92
84) 1,2,4-Trimethylbenzene	13.04	105	2464055	176.179	ug/l	98
85) sec-Butylbenzene	13.17	105	248685	13.982	ug/l #	63
86) p-Isopropyltoluene	13.29	119	271004	17.015	ug/l	98
89) n-Butylbenzene	13.61	91	175170	13.320	ug/l #	68
90) Hexachloroethane	13.89	117	30739	9.015	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1347	1.239	ug/l #	1
95) Naphthalene	15.13	128	24880	3.690	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

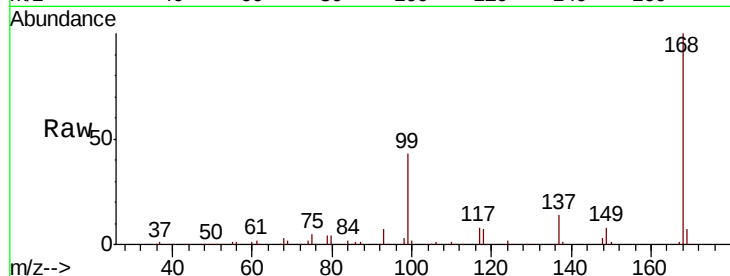
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 442468

Ion Ratio Lower Upper

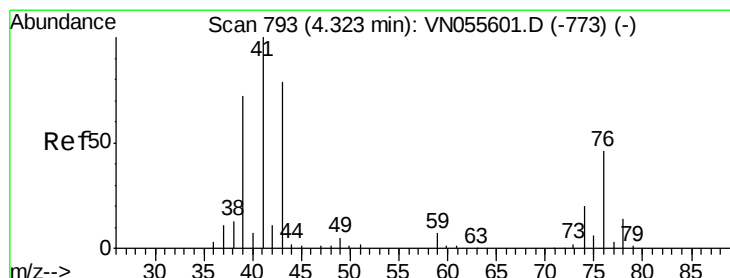
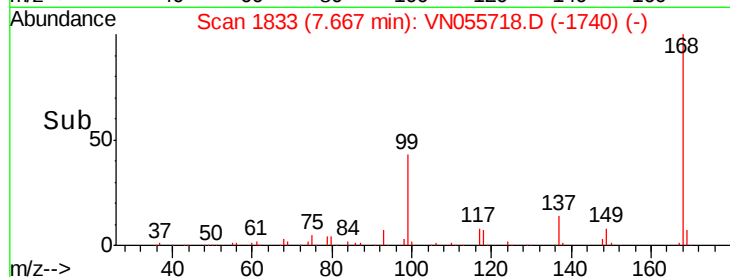
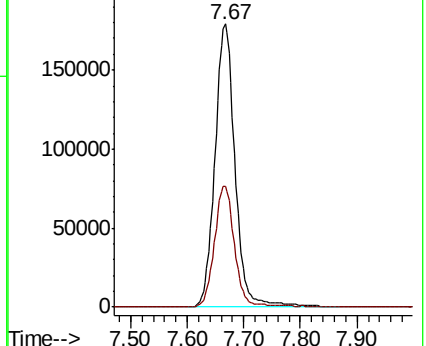
168 100

99 42.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 1.006 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055718.D

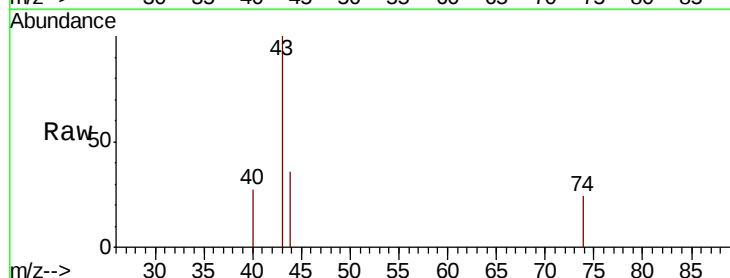
Acq: 21 May 2019 18:43

Tgt Ion: 43 Resp: 4271

Ion Ratio Lower Upper

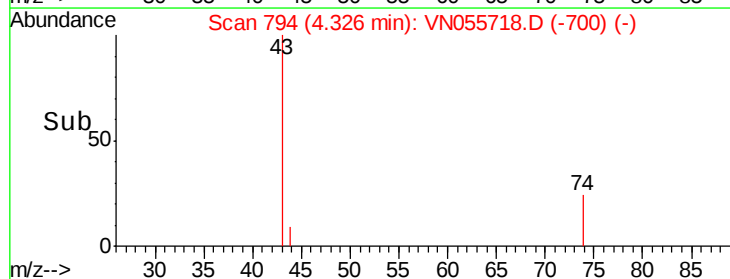
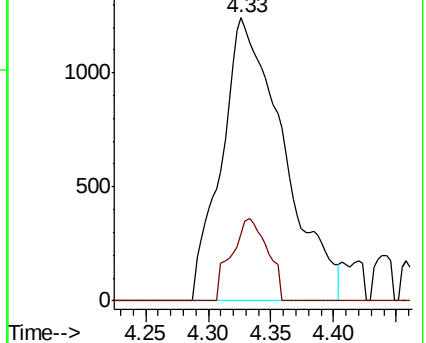
43 100

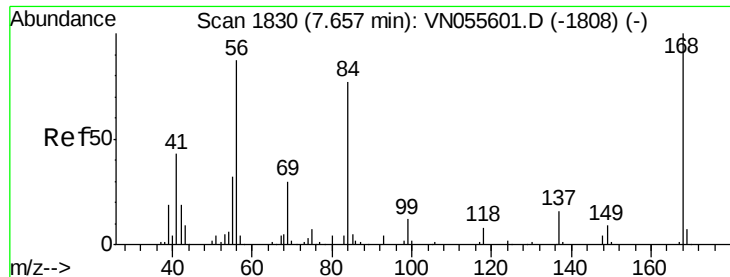
74 16.7 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

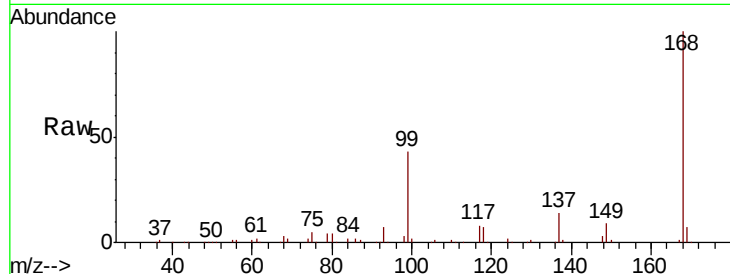




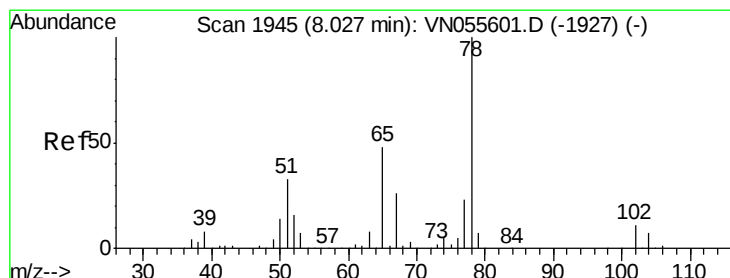
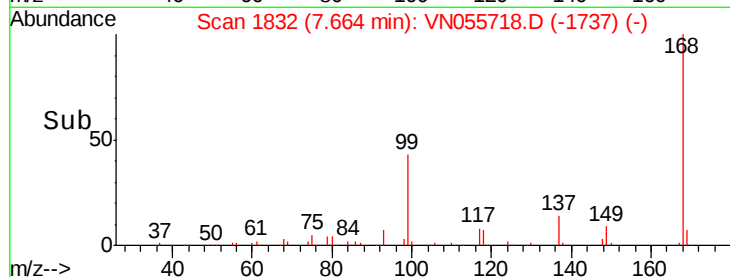
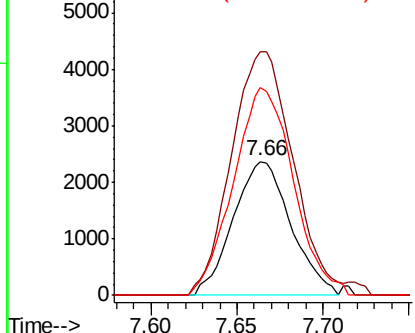
#31
Cyclohexane
Concen: 0.768 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5524
Ion Ratio Lower Upper
56 100
69 181.9 27.2 40.8#
84 155.2 71.3 106.9#

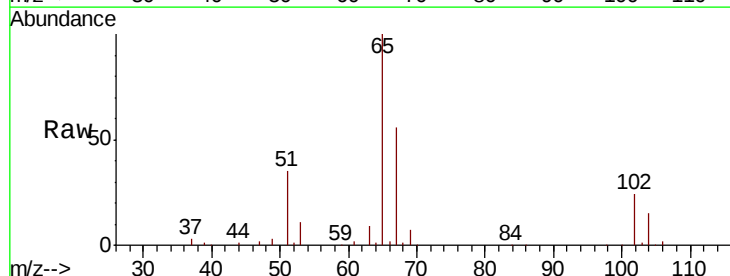


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

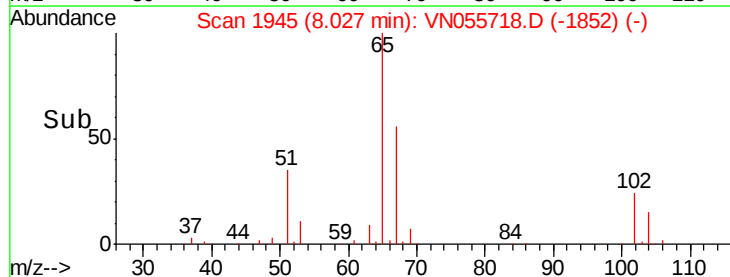
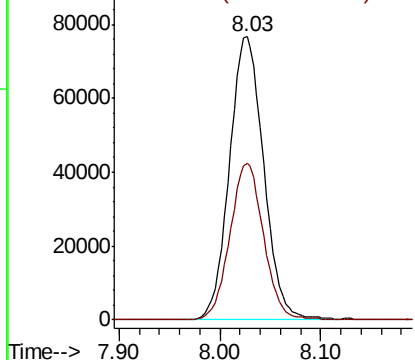


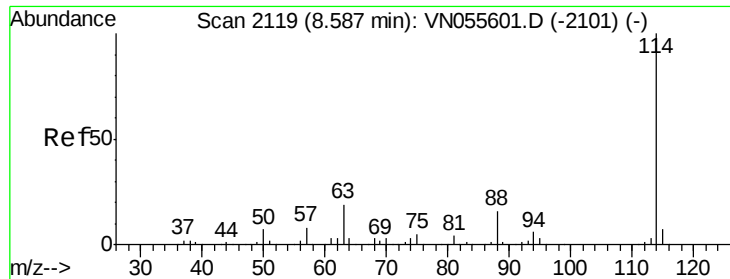
#33
1,2-Dichloroethane-d4
Concen: 37.270 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion: 65 Resp: 180771
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :

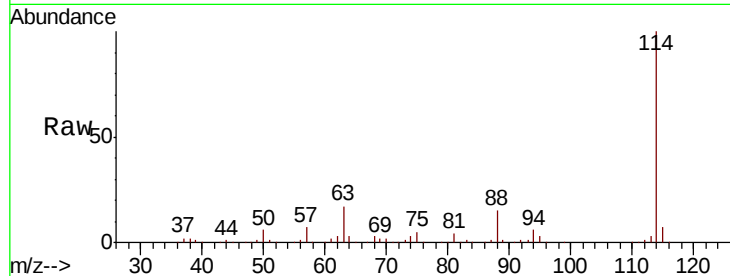
Tot Ion:114 Resp: 586704

Ion Ratio Lower Upper

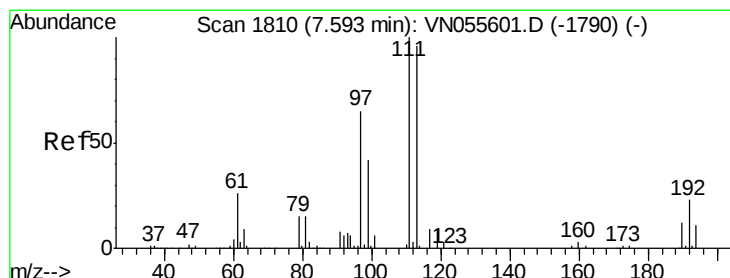
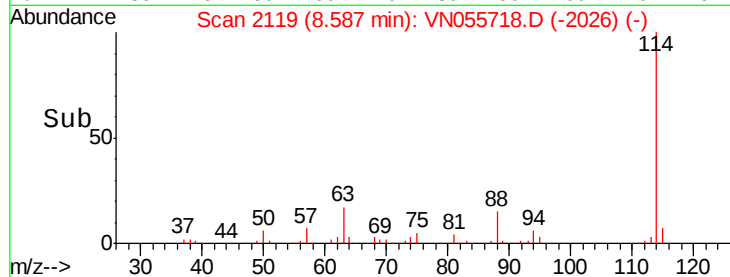
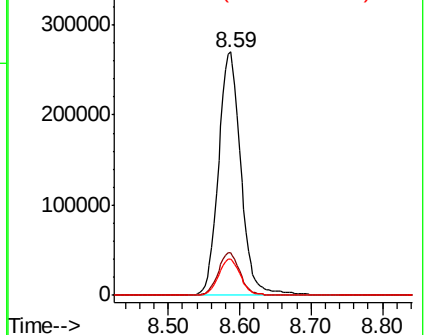
114 100

63 17.5 0.0 38.2

88 15.2 0.0 31.0



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: 47.397 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

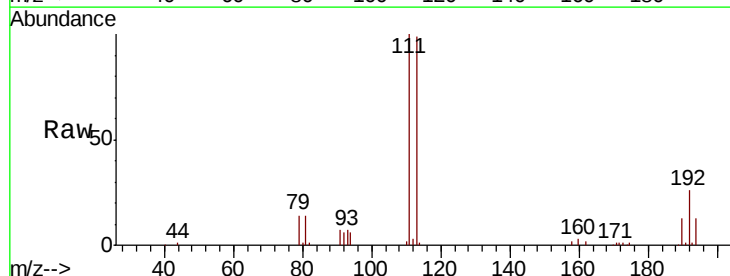
Tgt Ion:113 Resp: 176650

Ion Ratio Lower Upper

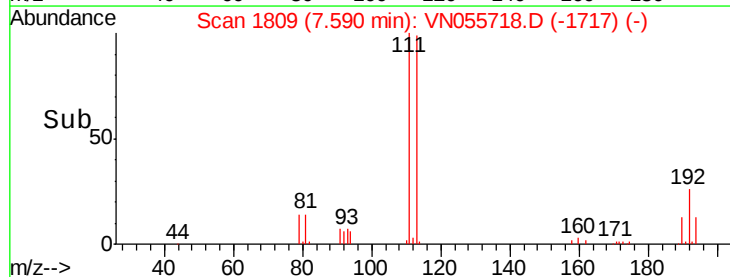
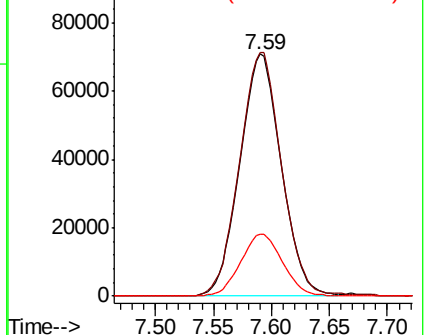
113 100

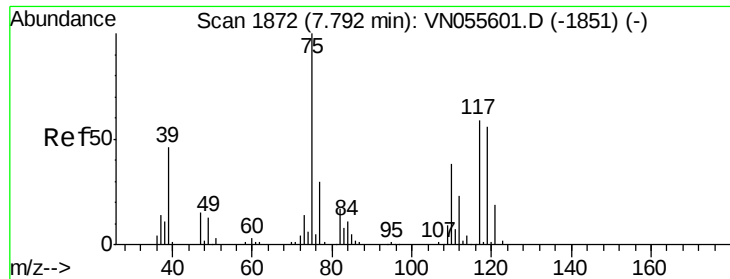
111 101.7 82.5 123.7

192 25.9 18.7 28.1



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

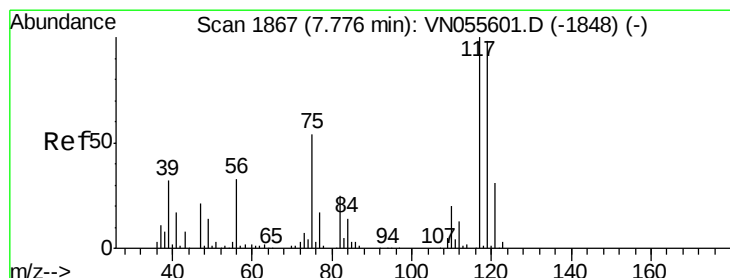
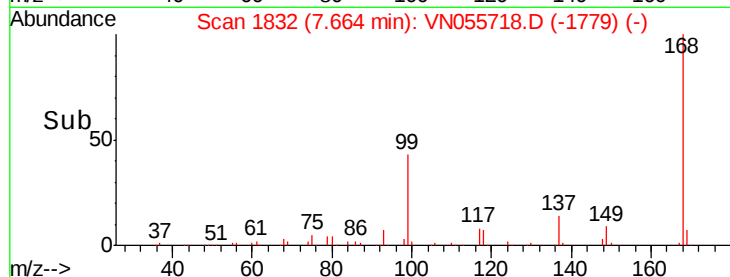
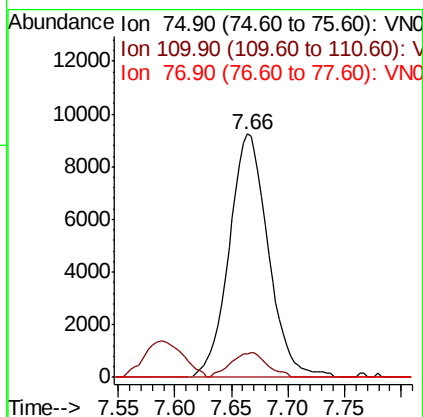
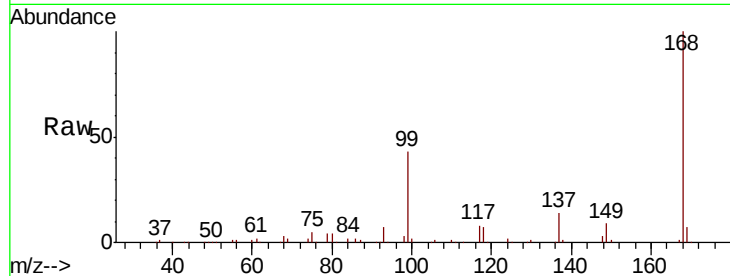




#36
 1,1-Dichloropropene
 Concen: 4.245 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055718.D
 Acq: 21 May 2019 18:43

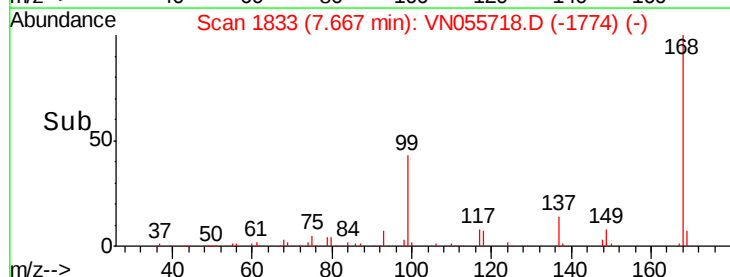
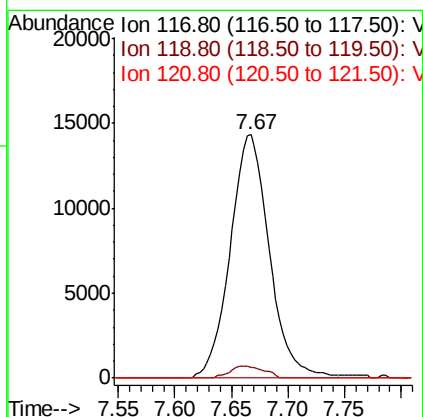
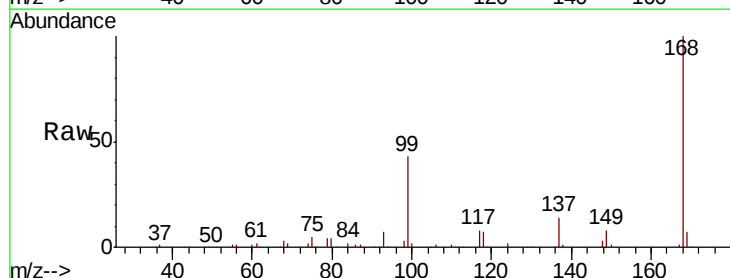
Instrument :
 MSVOA_N
 ClientSampleId :

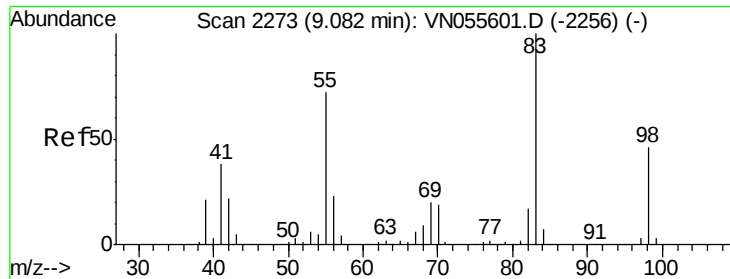
Tot Ion	75	Resp	22204
Ion Ratio	Lower	Upper	
75	100		
110	9.5	18.6	55.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.181 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055718.D
 Acq: 21 May 2019 18:43

Tgt Ion	117	Resp	34548
Ion Ratio	Lower	Upper	
117	100		
119	4.5	77.8	116.8#
121	0.0	24.6	37.0#

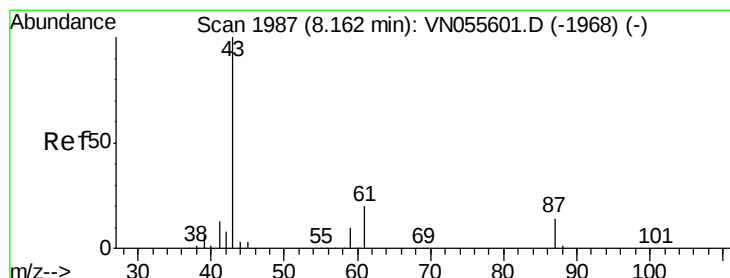
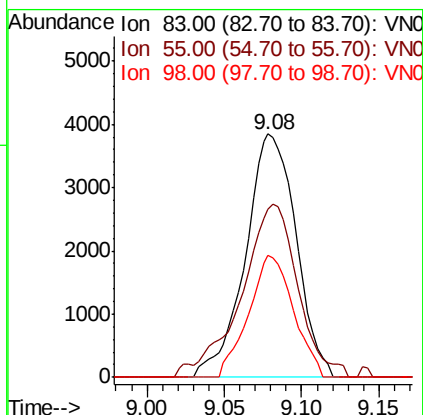
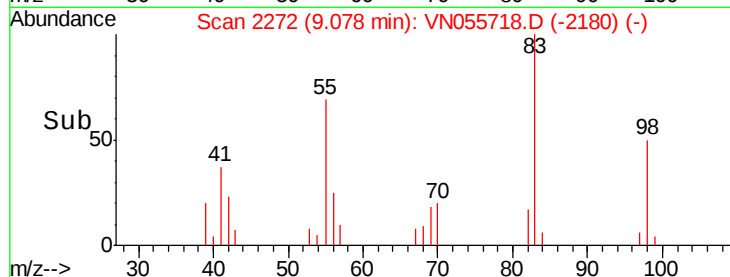
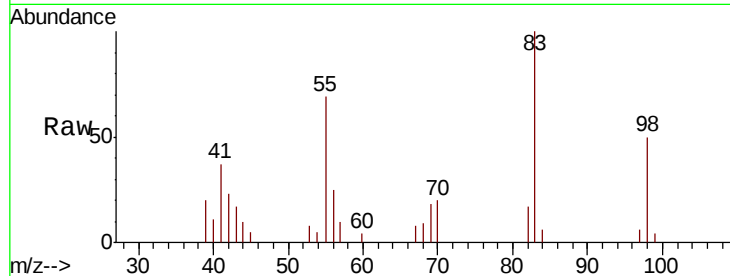




#39
Methylcyclohexane
Concen: 1.388 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

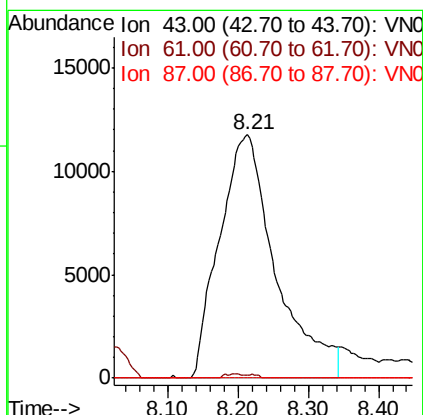
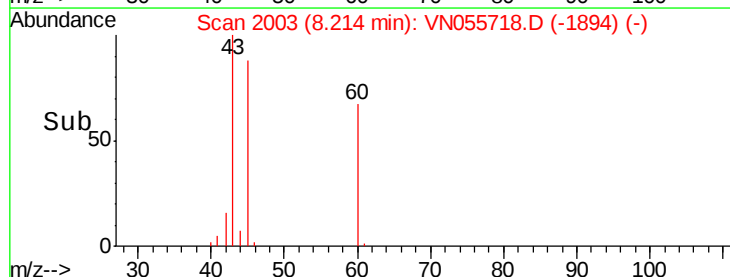
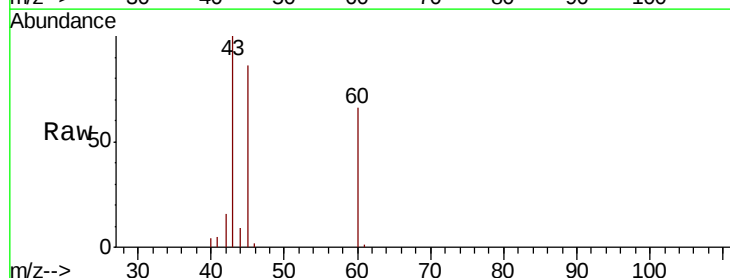
Instrument :
MSVOA_N
ClientSampleId :

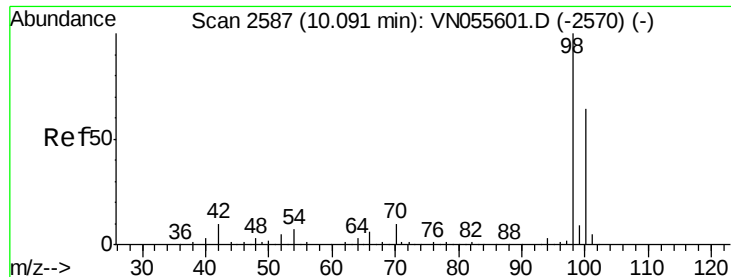
Tot Ion: 83 Resp: 8753
Ion Ratio Lower Upper
83 100
55 63.7 57.8 86.6
98 49.9 36.7 55.1



#43
Isopropyl Acetate
Concen: 7.970 ug/l
RT: 8.21 min Scan# 2003
Delta R.T. 0.05 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion: 43 Resp: 65441
Ion Ratio Lower Upper
43 100
61 0.6 22.1 33.1#
87 0.0 11.8 17.6#





#50

Toluene-d8

Concen: 48.248 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

Instrument :

MSVOA_N

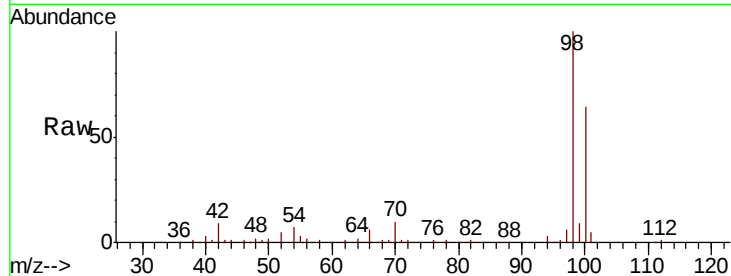
ClientSampleId :

Tot Ion: 98 Resp: 679925

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055718.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055718.D (-2494) (-)

10.09

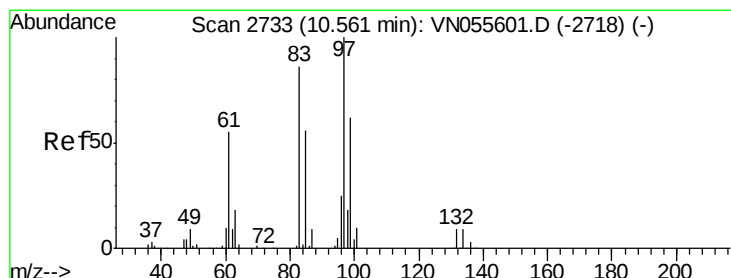
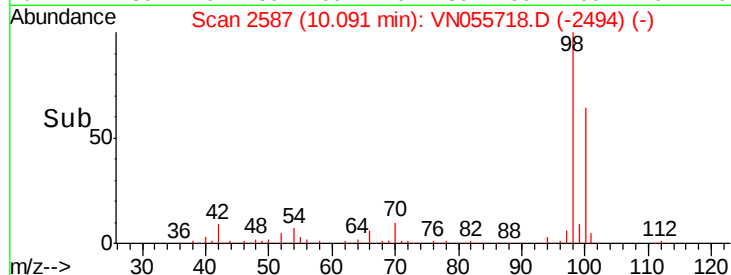
300000

200000

100000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 2.797 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

Tgt Ion: 97 Resp: 11112

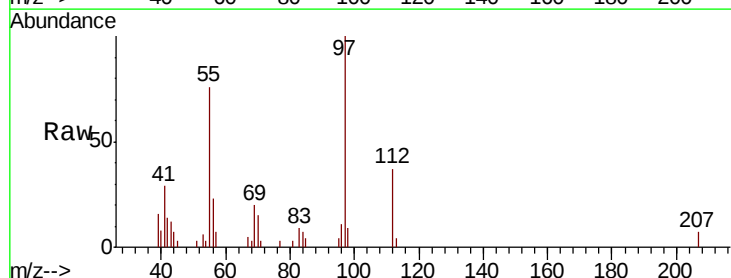
Ion Ratio Lower Upper

97 100

83 8.6 68.4 102.6#

85 4.0 44.8 67.2#

99 0.0 49.9 74.9#



Abundance Ion 96.90 (96.60 to 97.60): VN055718.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN055718.D (-2640) (-)

Ion 84.90 (84.60 to 85.60): VN055718.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN055718.D (-2640) (-)

10.53

8000

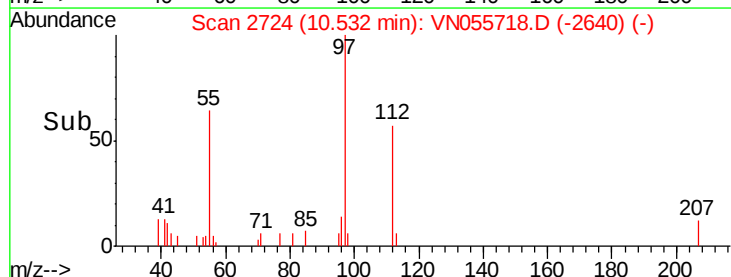
6000

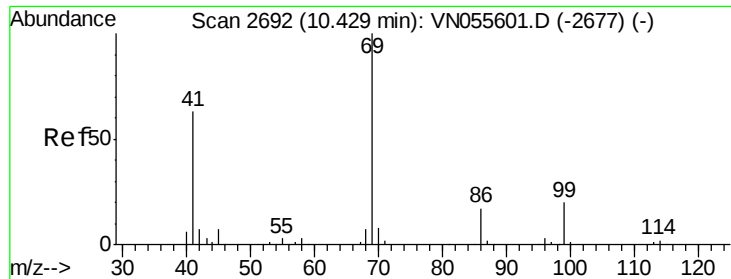
4000

2000

0

Time-->





#56

Ethyl methacrylate

Concen: 0.768 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

Instrument :

MSVOA_N

ClientSampled :

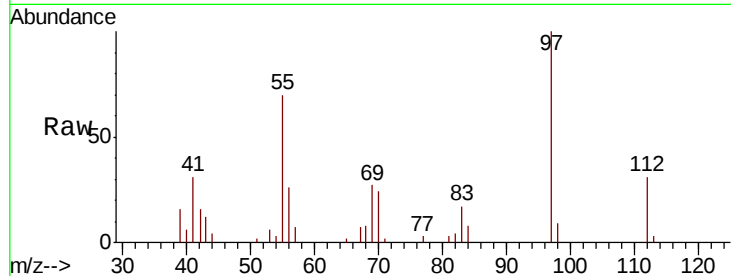
Tot Ion: 69 Resp: 4761

Ion Ratio Lower Upper

69 100

41 158.0 50.3 75.5#

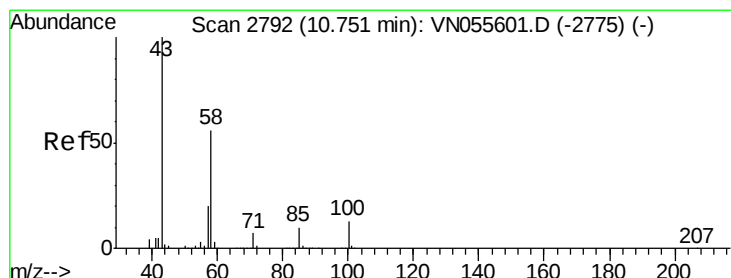
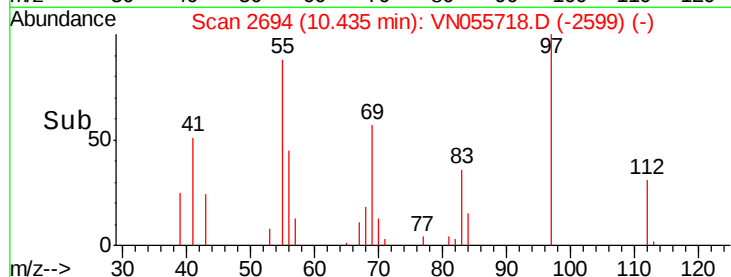
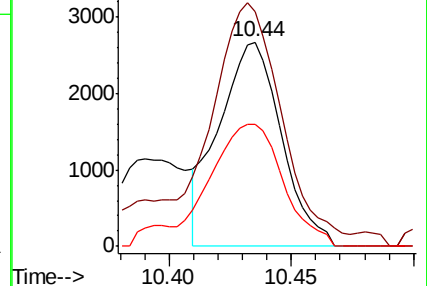
39 74.1 25.4 38.2#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 8.666 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN055718.D

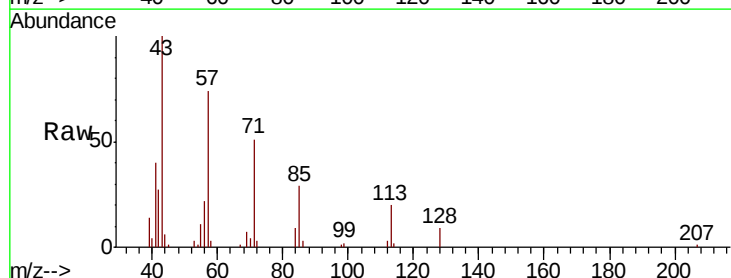
Acq: 21 May 2019 18:43

Tgt Ion: 43 Resp: 29384

Ion Ratio Lower Upper

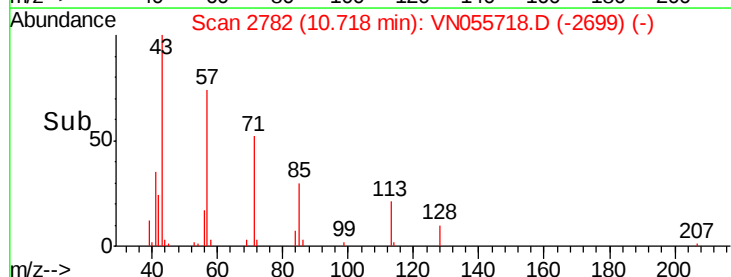
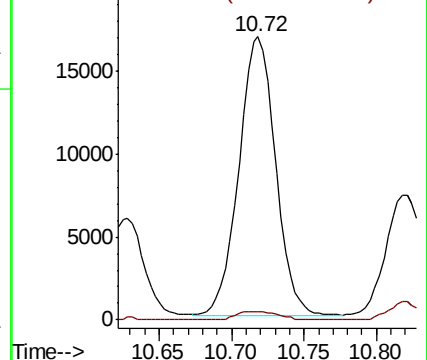
43 100

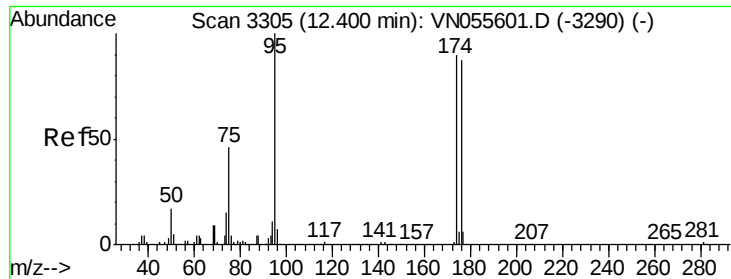
58 3.4 28.1 84.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

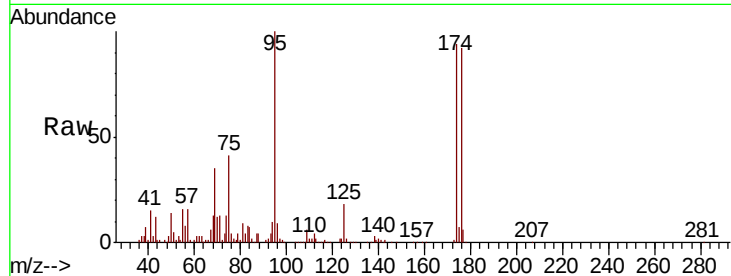




#62
4-Bromofluorobenzene
Concen: 52.416 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	180.6
176	90.0	0.0	177.4

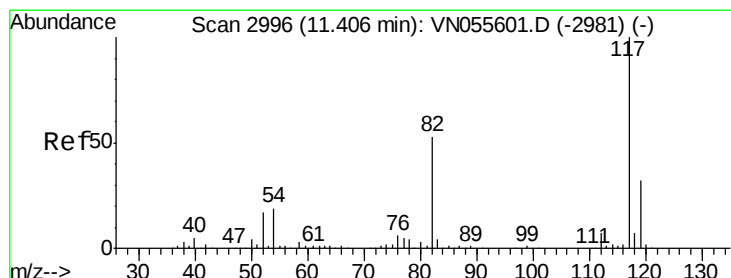
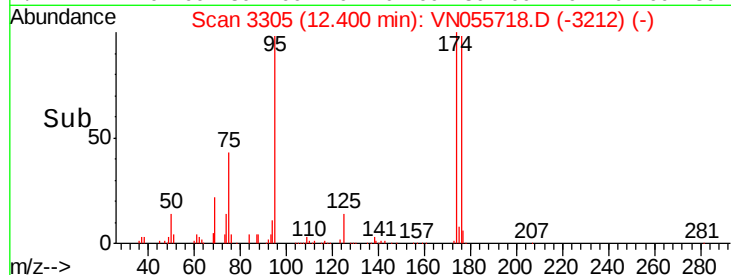
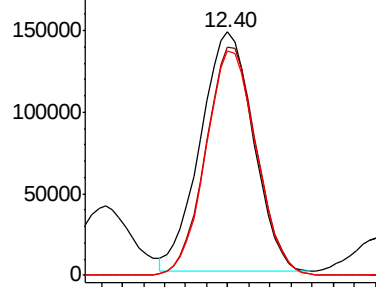


Abundance

Ion 94.90 (94.60 to 95.60): VN055718.D (-2903) (-)

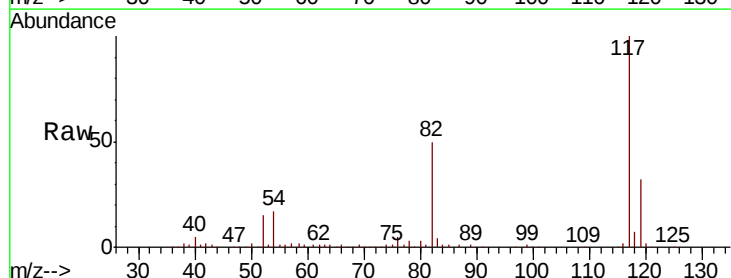
Ion 173.80 (173.50 to 174.50): VN055718.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055718.D (-2903) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.3	63.5
119	31.9	25.4	38.2

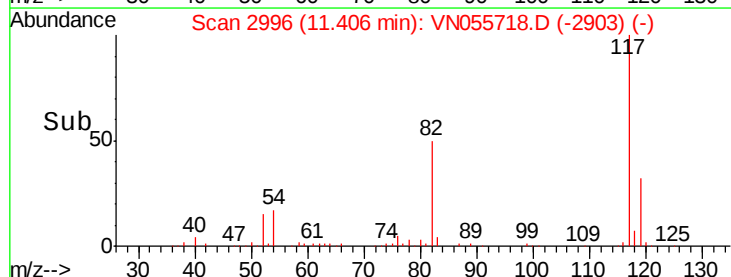
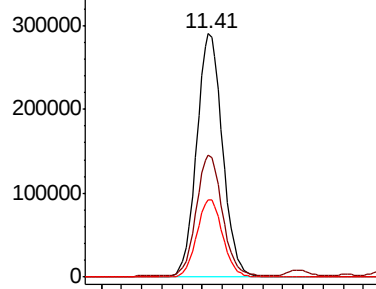


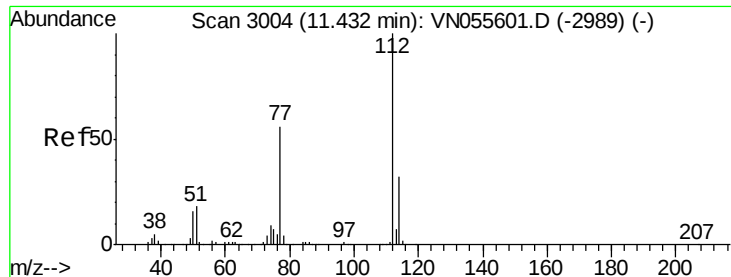
Abundance

Ion 116.90 (116.60 to 117.60): VN055718.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055718.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055718.D (-2903) (-)

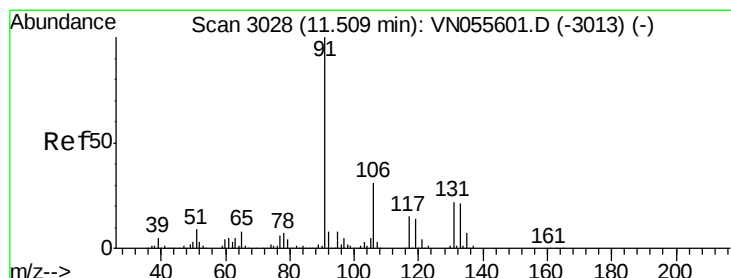
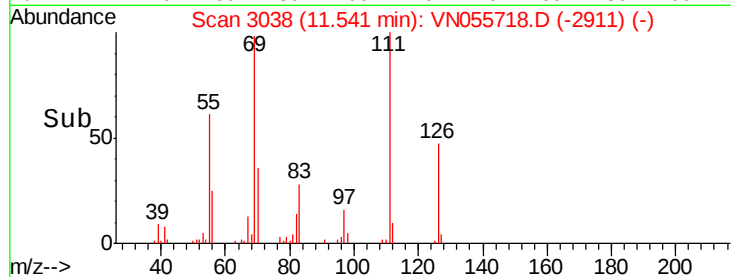
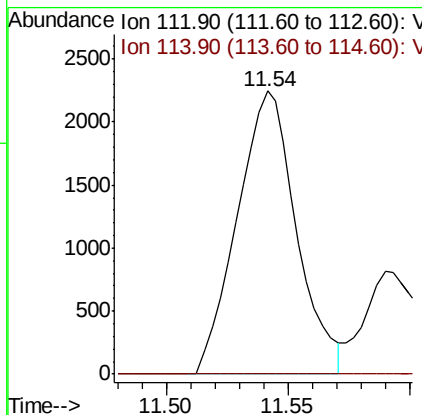
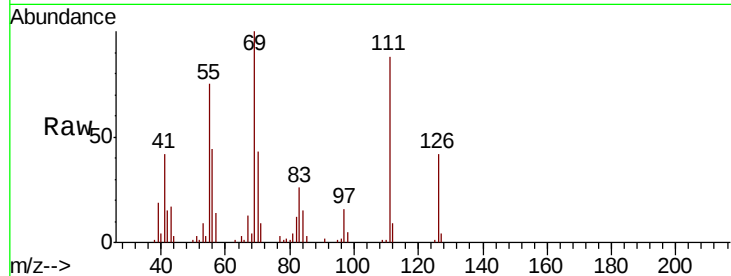




#65
Chlorobenzene
Concen: 0.359 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

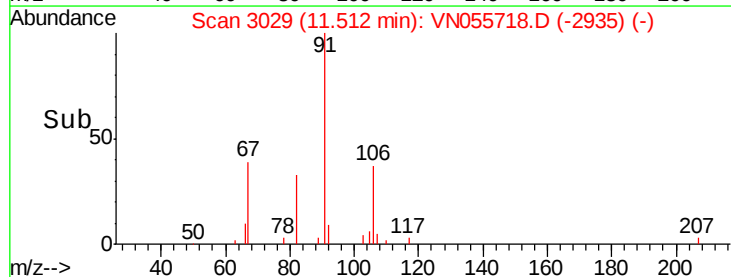
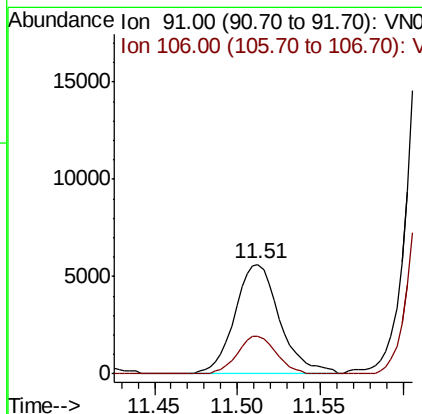
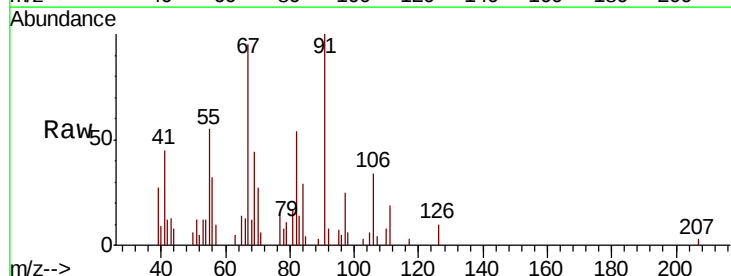
Instrument :
MSVOA_N
ClientSampled :

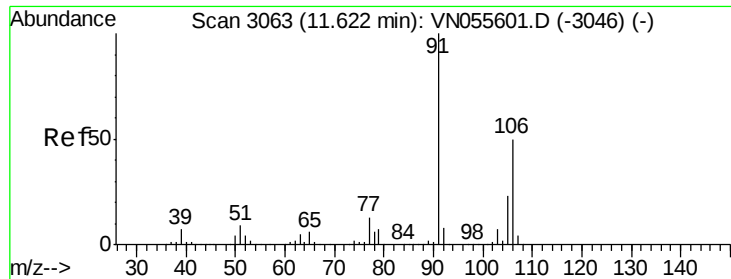
Tot Ion:112 Resp: 3767
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#



#67
Ethyl Benzene
Concen: 0.569 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion: 91 Resp: 10635
Ion Ratio Lower Upper
91 100
106 33.9 25.2 37.8

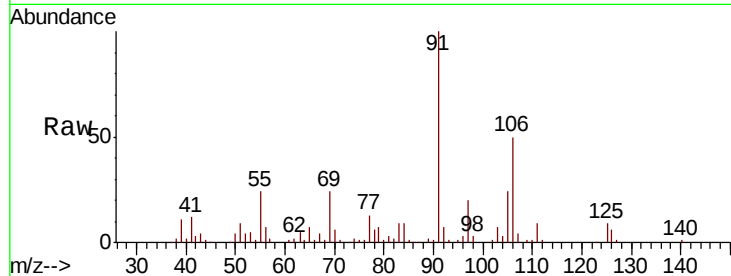




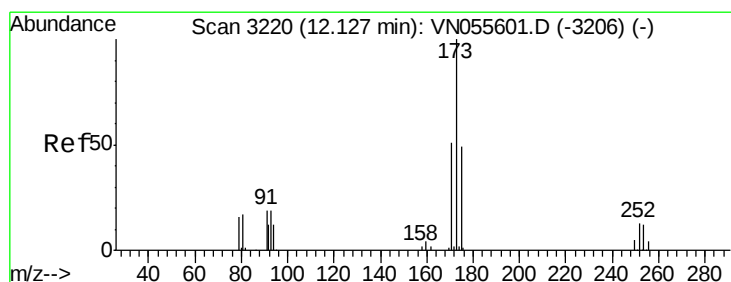
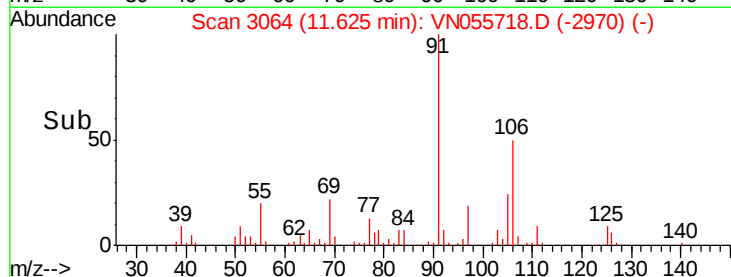
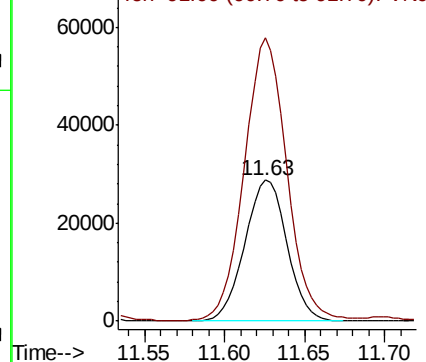
#68
m/p-Xvlenes
Concen: 7.357 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 51910
Ion Ratio Lower Upper
106 100
91 203.9 160.5 240.7

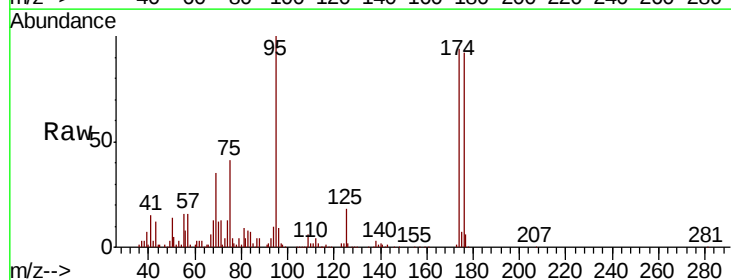


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

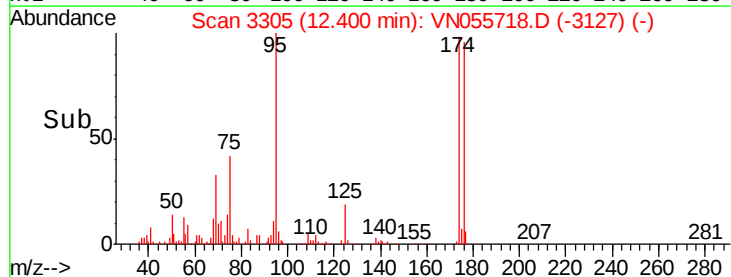
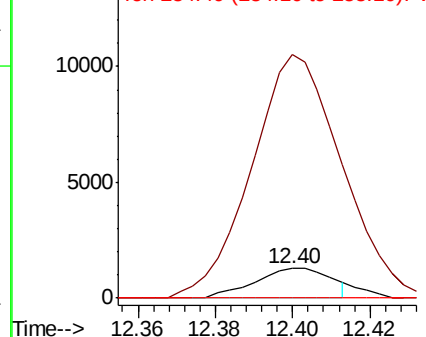


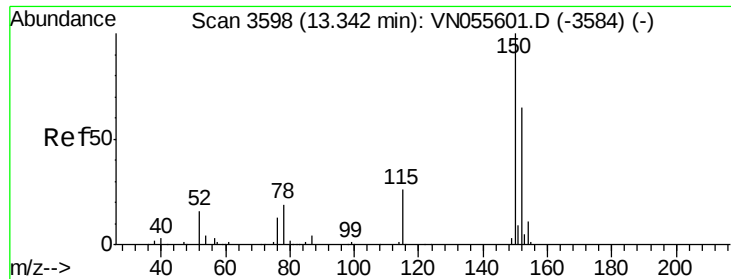
#71
Bromoform
Concen: 0.488 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion:173 Resp: 1744
Ion Ratio Lower Upper
173 100
175 859.2 24.3 72.9#
254 0.0 0.1 0.1#



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



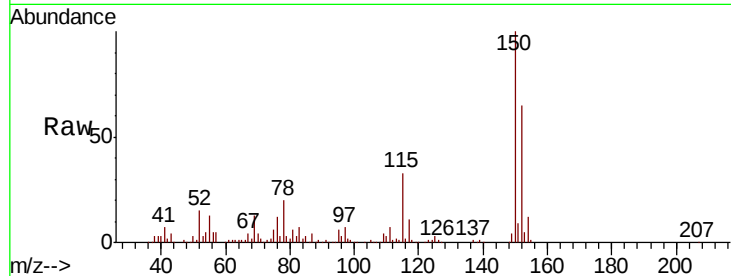


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.0	28.1	84.2
150	148.3	0.0	348.0

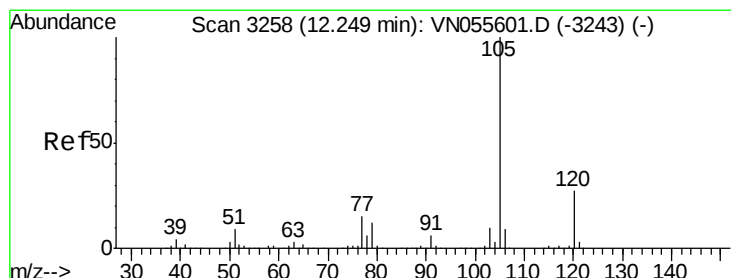
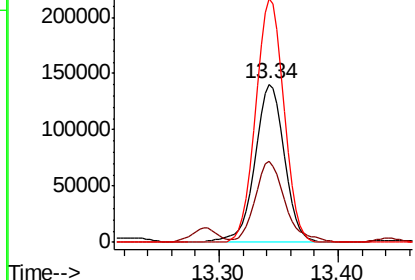
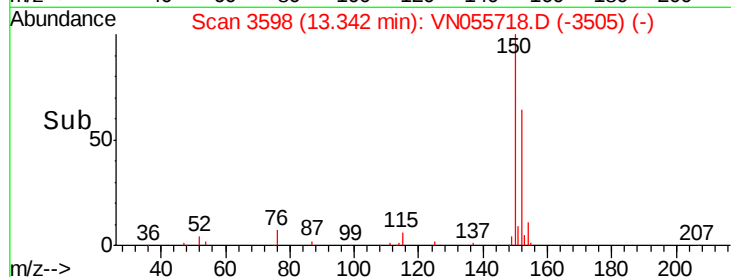


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

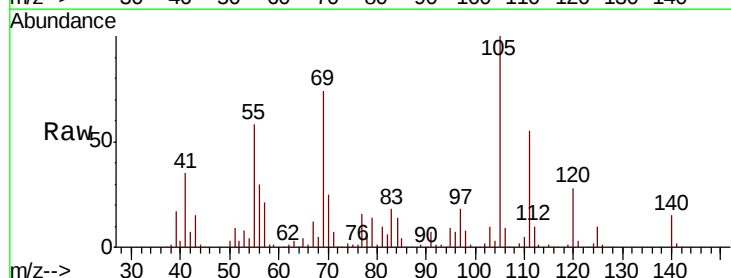
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 5.605 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

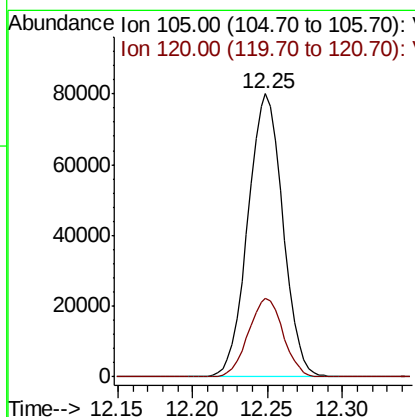
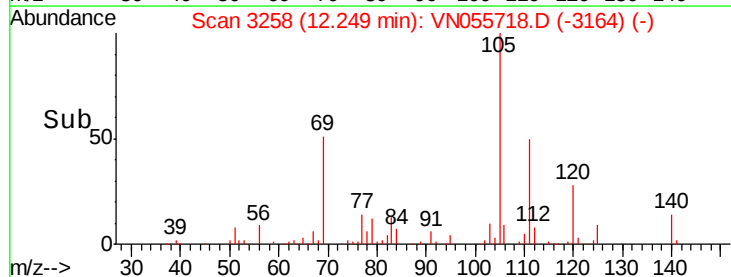
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.4	40.2

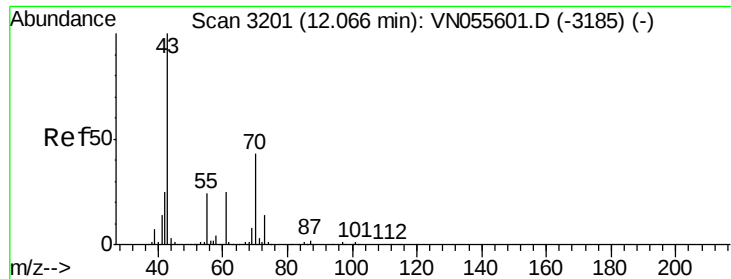


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 43.688 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 293986

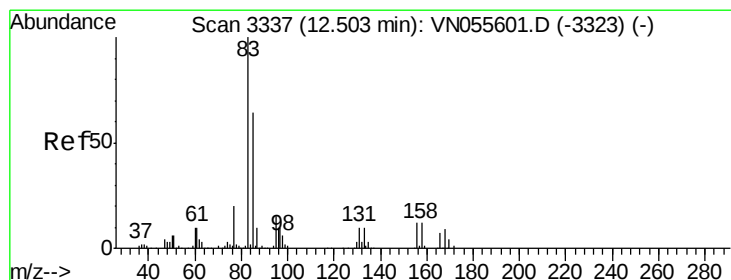
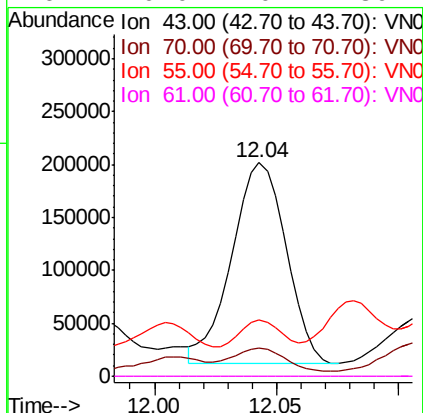
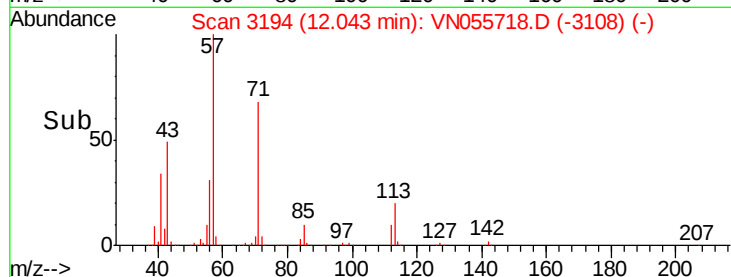
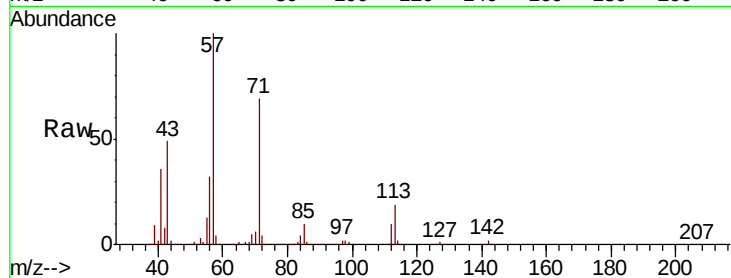
Ion Ratio Lower Upper

43 100

70 10.8 35.0 52.6#

55 18.7 18.9 28.3#

61 0.0 20.1 30.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 3.366 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

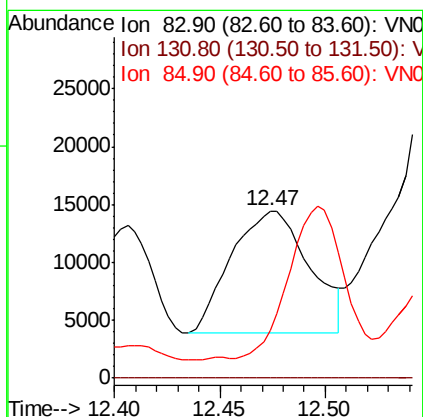
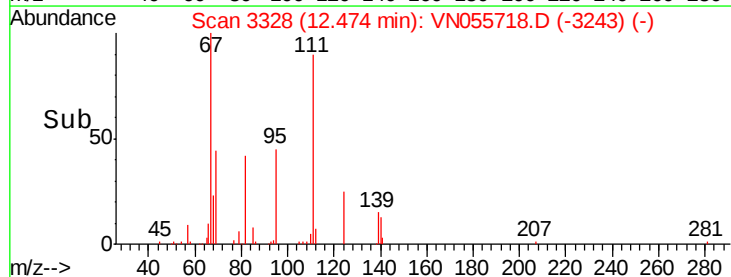
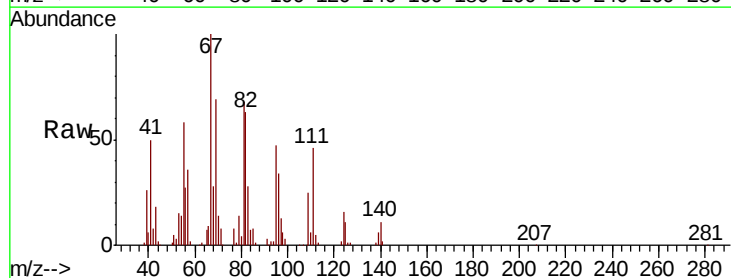
Tgt Ion: 83 Resp: 27204

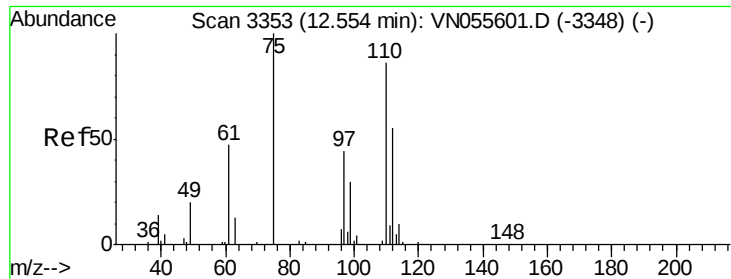
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.0 96.2#

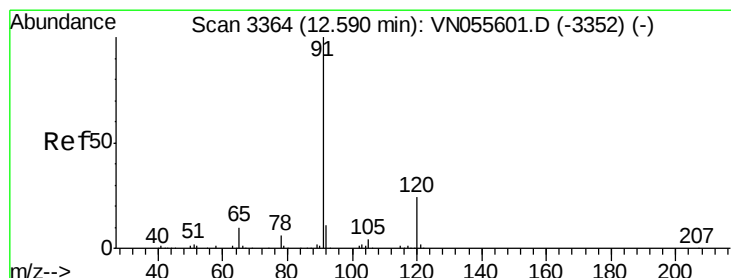
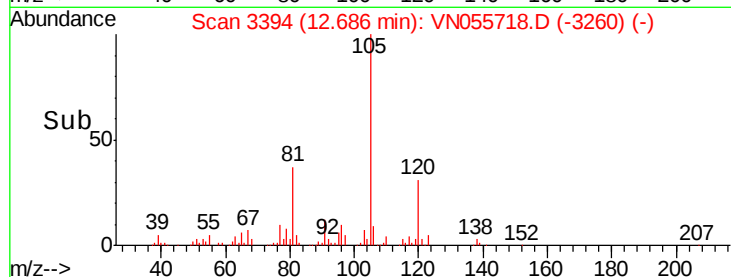
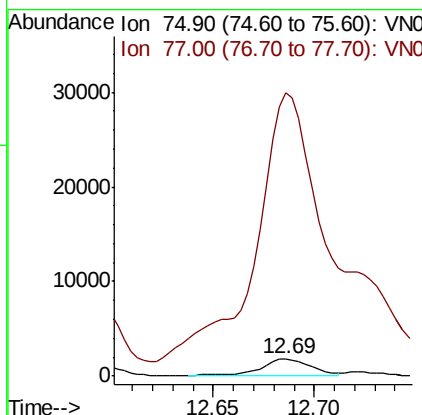
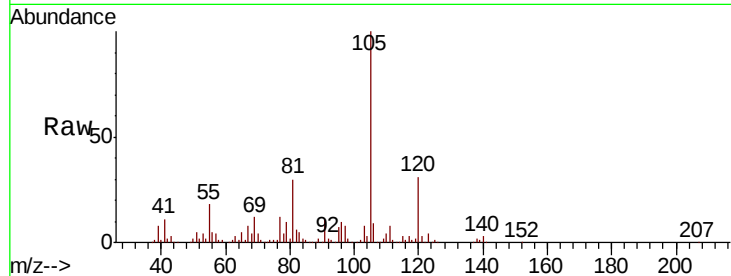




#76
 1,2,3-Trichloropropane
 Concen: 0.658 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. 0.13 min
 Lab File: VN055718.D
 Acq: 21 May 2019 18:43

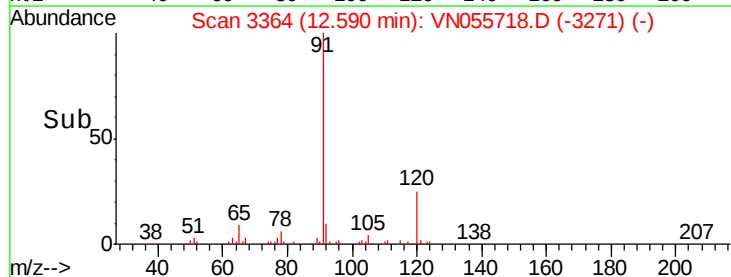
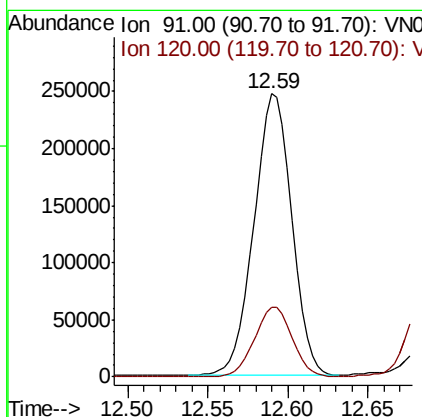
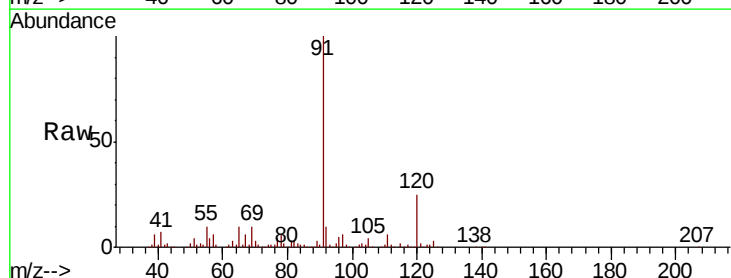
Instrument :
 MSVOA_N
 ClientSampleId :

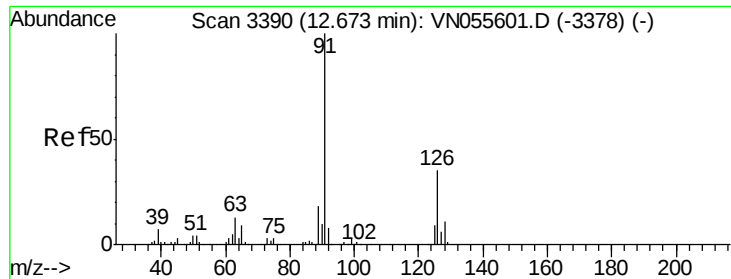
Tot Ion: 75 Resp: 3219
 Ion Ratio Lower Upper
 75 100
 77 2355.8 0.0 0.0#



#78
 n-propylbenzene
 Concen: 18.765 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.00 min
 Lab File: VN055718.D
 Acq: 21 May 2019 18:43

Tgt Ion: 91 Resp: 399343
 Ion Ratio Lower Upper
 91 100
 120 24.8 11.9 35.5





#79

2-Chlorotoluene

Concen: 3.127 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

Instrument :

MSVOA_N

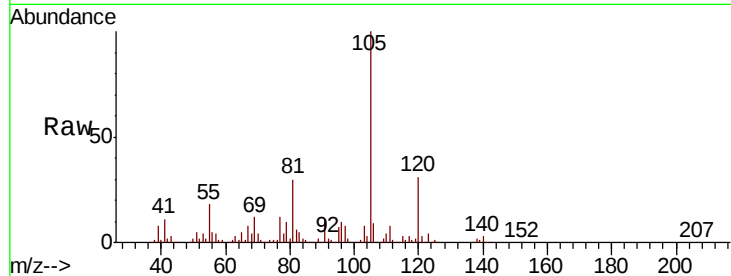
ClientSampled :

Tot Ion: 91 Resp: 53565

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055718.D (-3394) (-)

Ion 125.90 (125.60 to 126.60): VN055718.D (-3394) (-)

250000

200000

150000

100000

50000

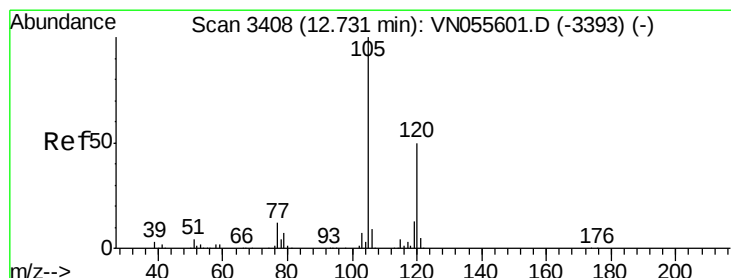
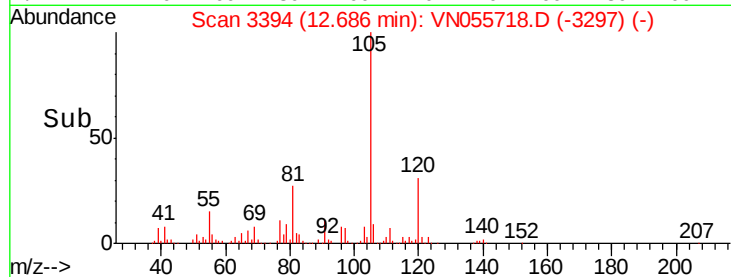
0

12.60

12.69

12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 28.177 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.04 min

Lab File: VN055718.D

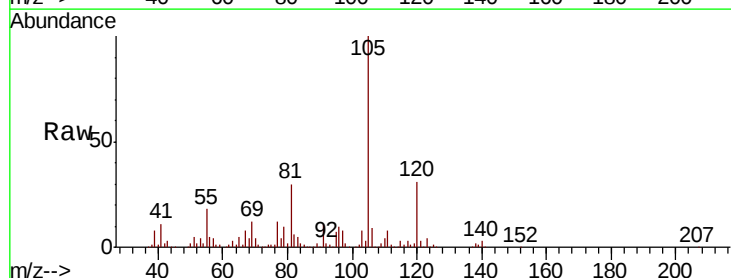
Acq: 21 May 2019 18:43

Tgt Ion:105 Resp: 417602

Ion Ratio Lower Upper

105 100

120 30.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055718.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN055718.D (-3394) (-)

300000

250000

200000

150000

100000

50000

0

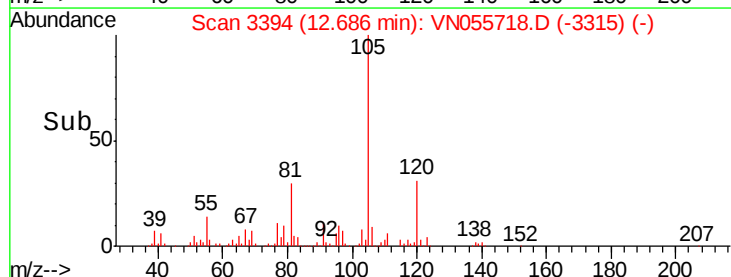
12.60

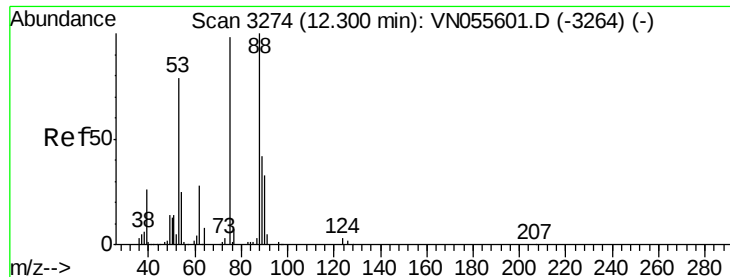
12.65

12.69

12.75

Time-->

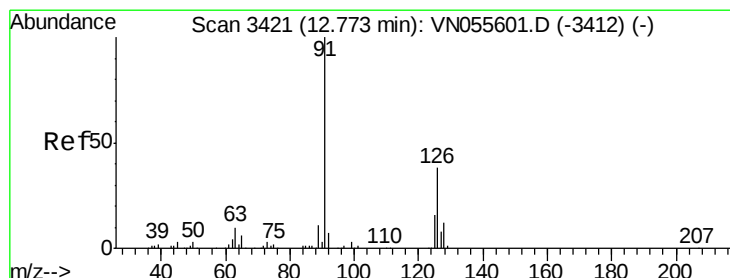
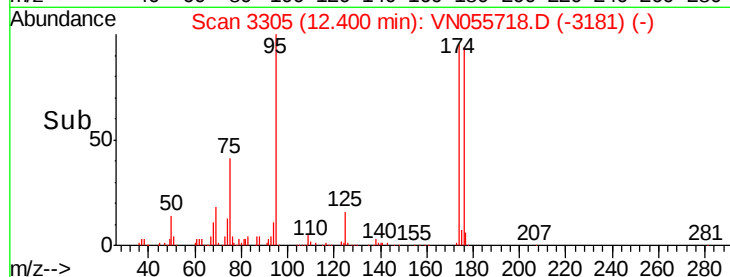
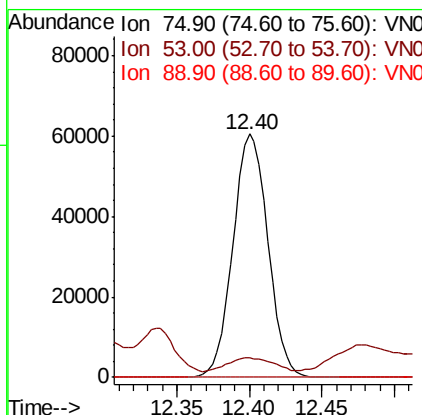
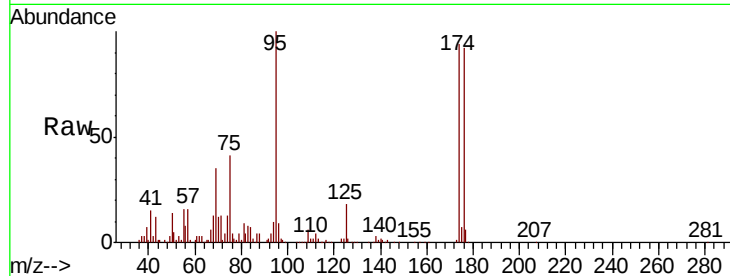




#81
trans-1,4-Dichloro-2-butene
Concen: 53.395 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

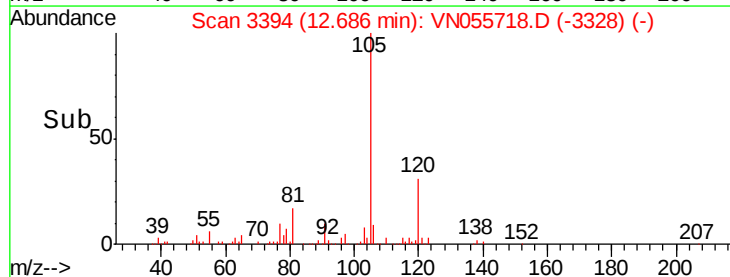
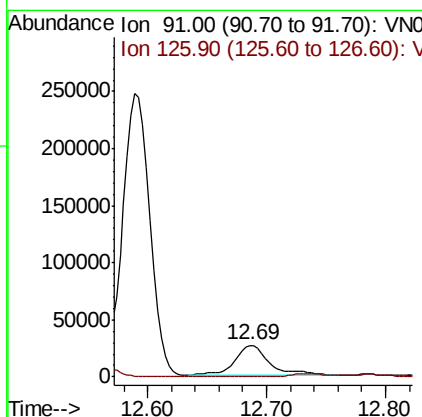
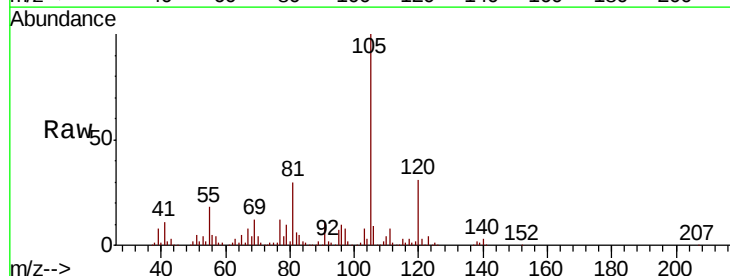
Instrument :
MSVOA_N
ClientSampleId :

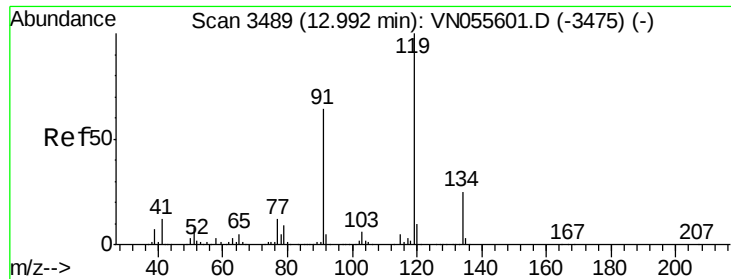
Tot Ion: 75 Resp: 101574
Ion Ratio Lower Upper
75 100
53 7.1 65.1 97.7#
89 0.0 36.4 54.6#



#82
4-Chlorotoluene
Concen: 4.293 ug/l
RT: 12.69 min Scan# 3394
Delta R.T. -0.09 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion: 91 Resp: 53825
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.6#

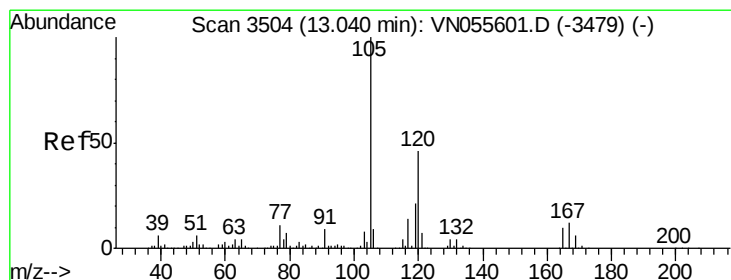
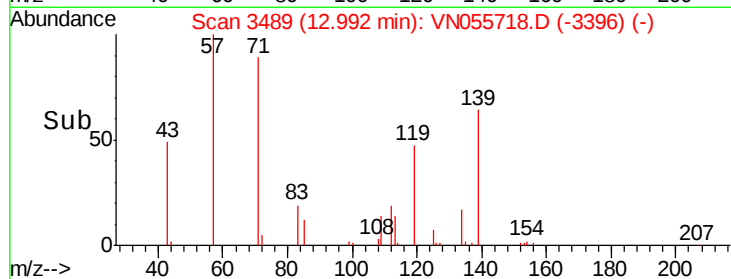
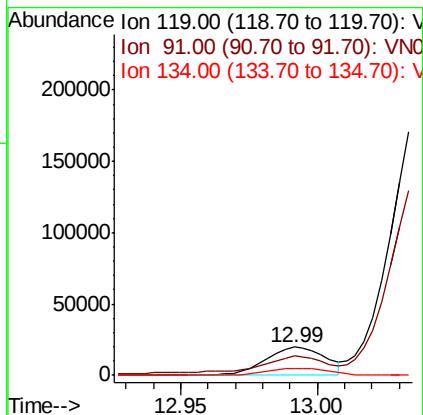
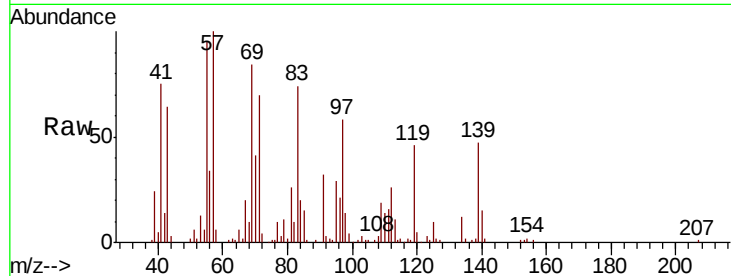




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

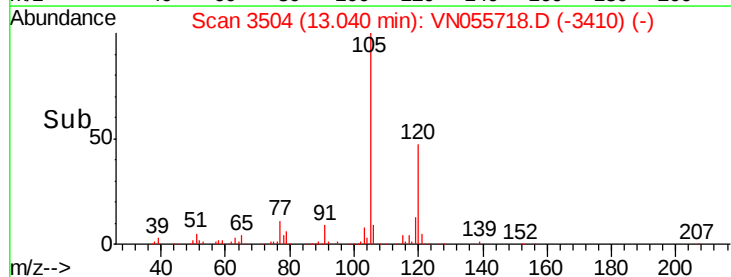
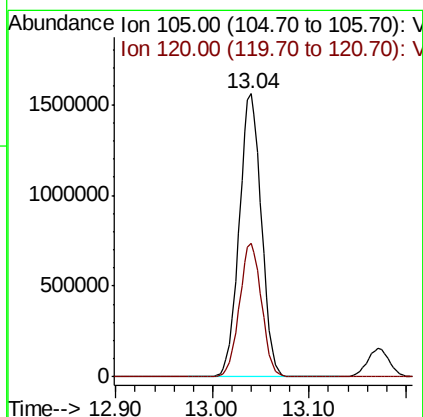
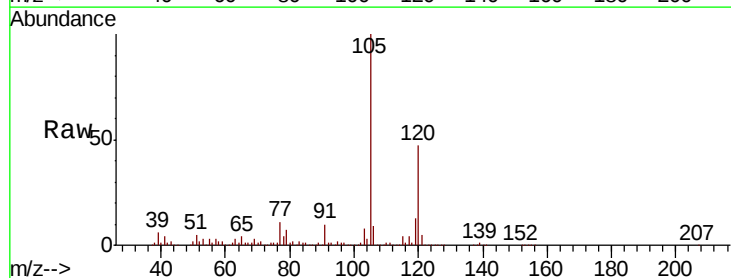
Instrument :
MSVOA_N
ClientSampled :

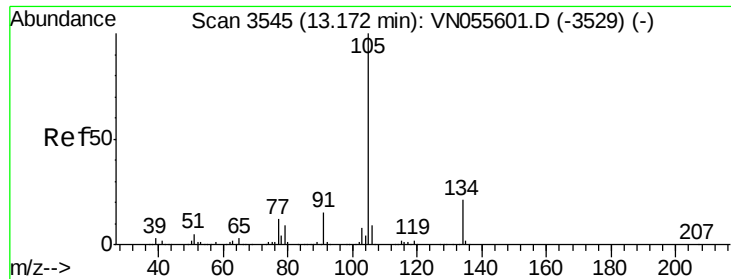
Tot Ion:119 Resp: 30091
Ion Ratio Lower Upper
119 100
91 71.0 31.3 93.8
134 26.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 176.179 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion:105 Resp: 2464055
Ion Ratio Lower Upper
105 100
120 47.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 13.982 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

Instrument :

MSVOA_N

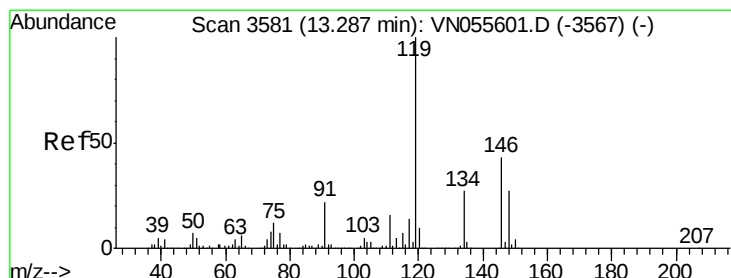
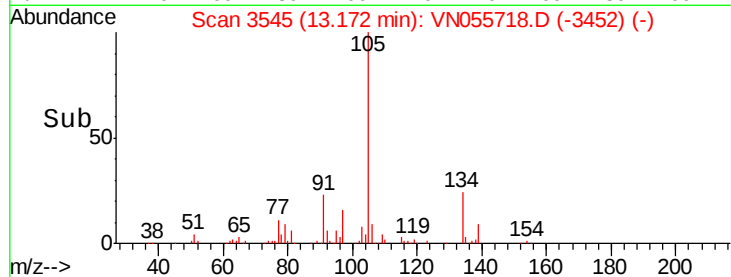
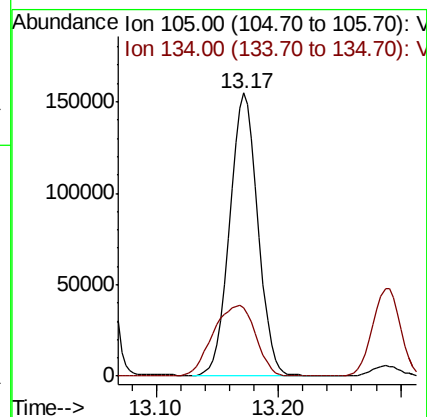
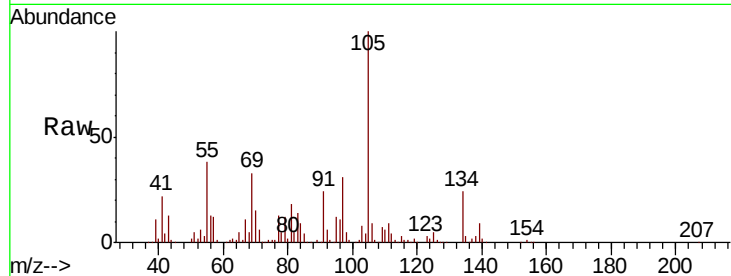
ClientSampleId :

Tot Ion:105 Resp: 248685

Ion Ratio Lower Upper

105 100

134 37.7 10.3 30.9#



#86

p-Isopropyltoluene

Concen: 17.015 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

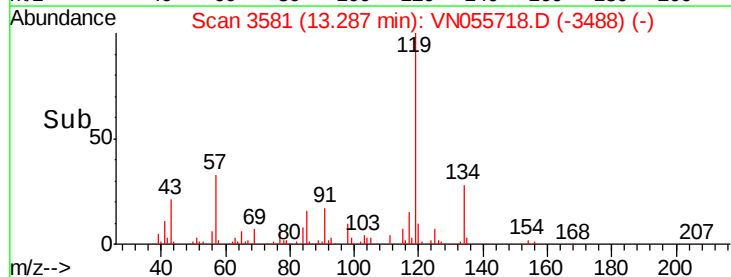
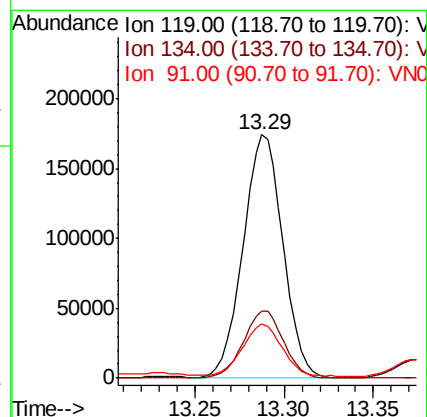
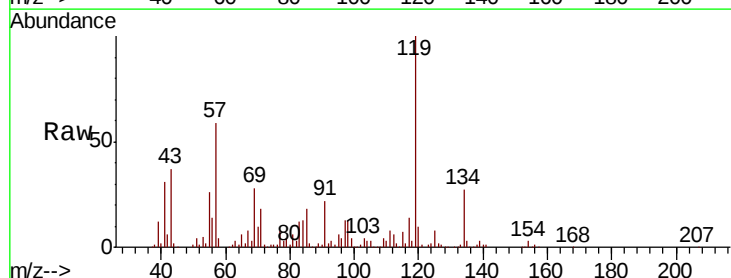
Tgt Ion:119 Resp: 271004

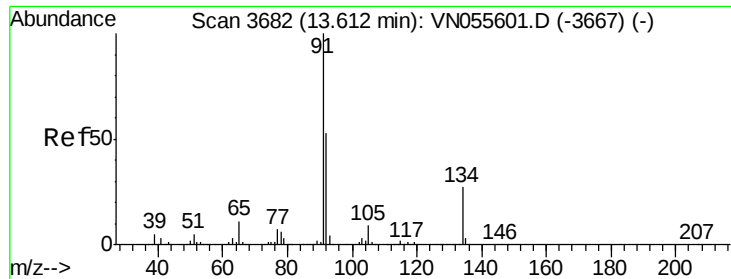
Ion Ratio Lower Upper

119 100

134 27.7 13.4 40.2

91 21.3 11.0 33.0

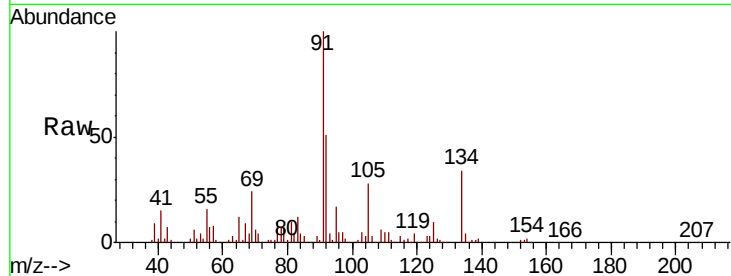




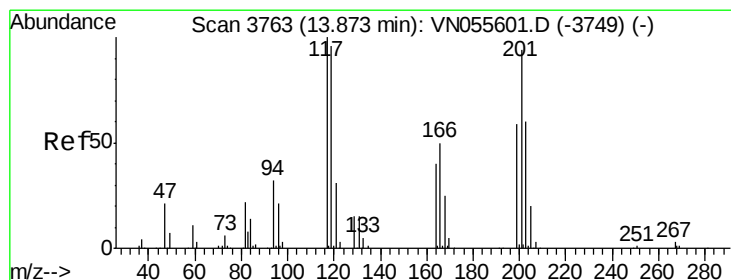
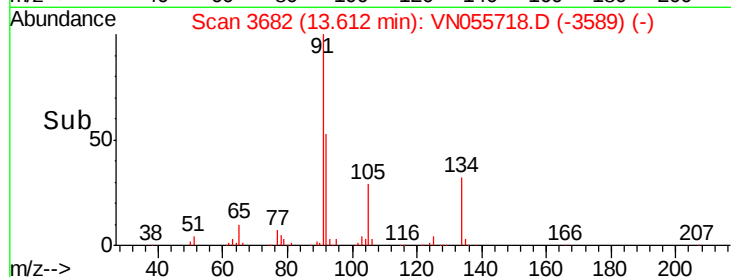
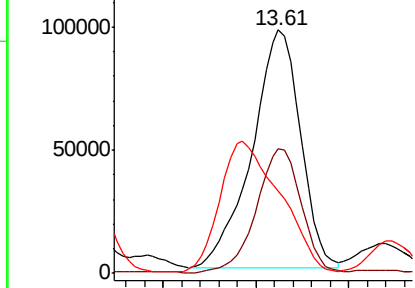
#89
n-Butylbenzene
Concen: 13.320 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 175170
Ion Ratio Lower Upper
91 100
92 47.9 26.4 79.0
134 69.7 13.7 41.1#

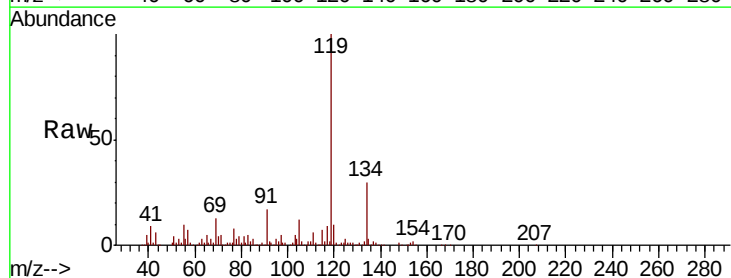


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

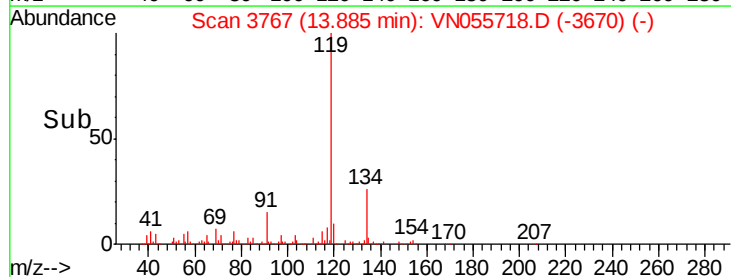
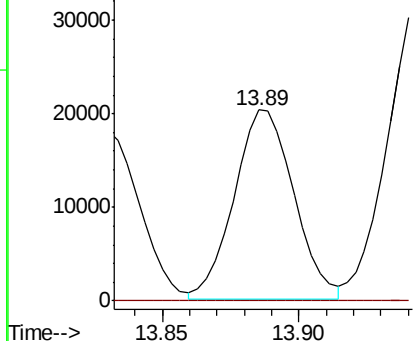


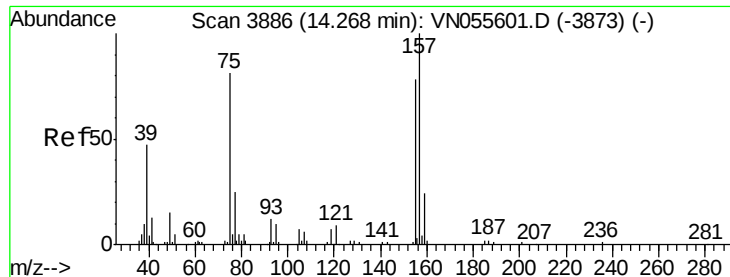
#90
Hexachloroethane
Concen: 9.015 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion: 117 Resp: 30739
Ion Ratio Lower Upper
117 100
201 0.0 47.1 141.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.239 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

Instrument :

MSVOA_N

ClientSampled :

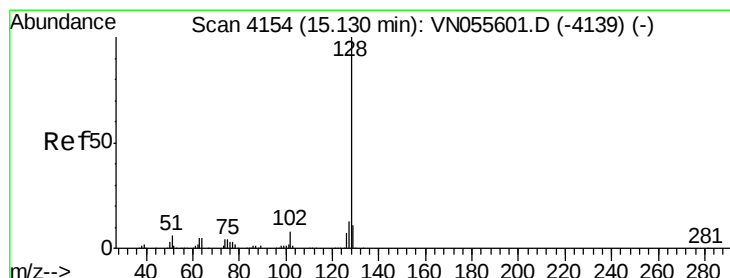
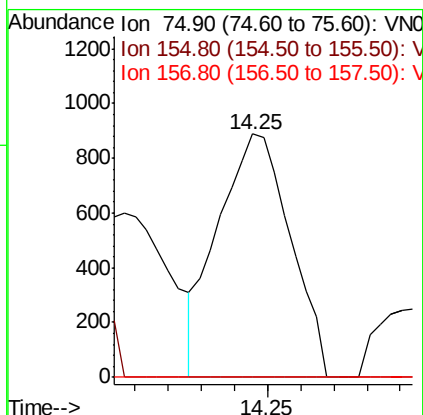
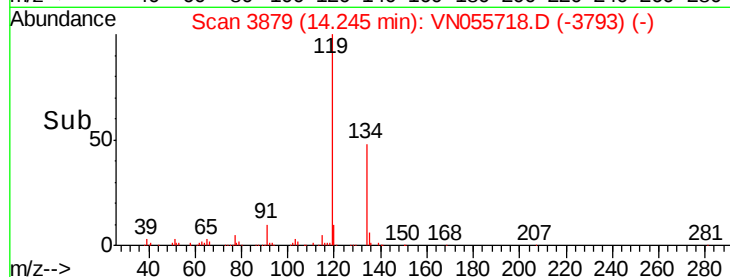
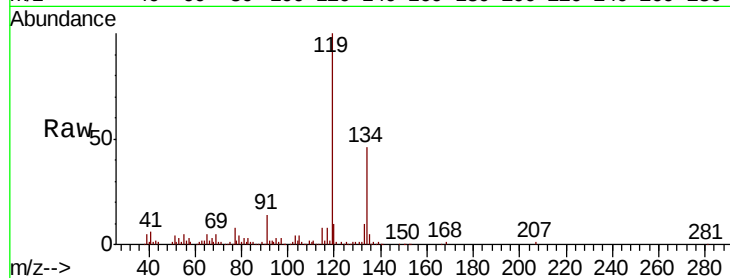
Tot Ion: 75 Resp: 1347

Ion Ratio Lower Upper

75 100

155 0.0 48.4 145.0#

157 0.0 62.3 186.8#



#95

Naphthalene

Concen: 3.690 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055718.D

Acq: 21 May 2019 18:43

Tgt Ion: 128 Resp: 24880

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.8 8.6 12.8

