

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056197.D
 Acq On : 11 Jun 2019 3:55
 Operator : JC/SP
 Sample : K3255-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 05:10:42 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

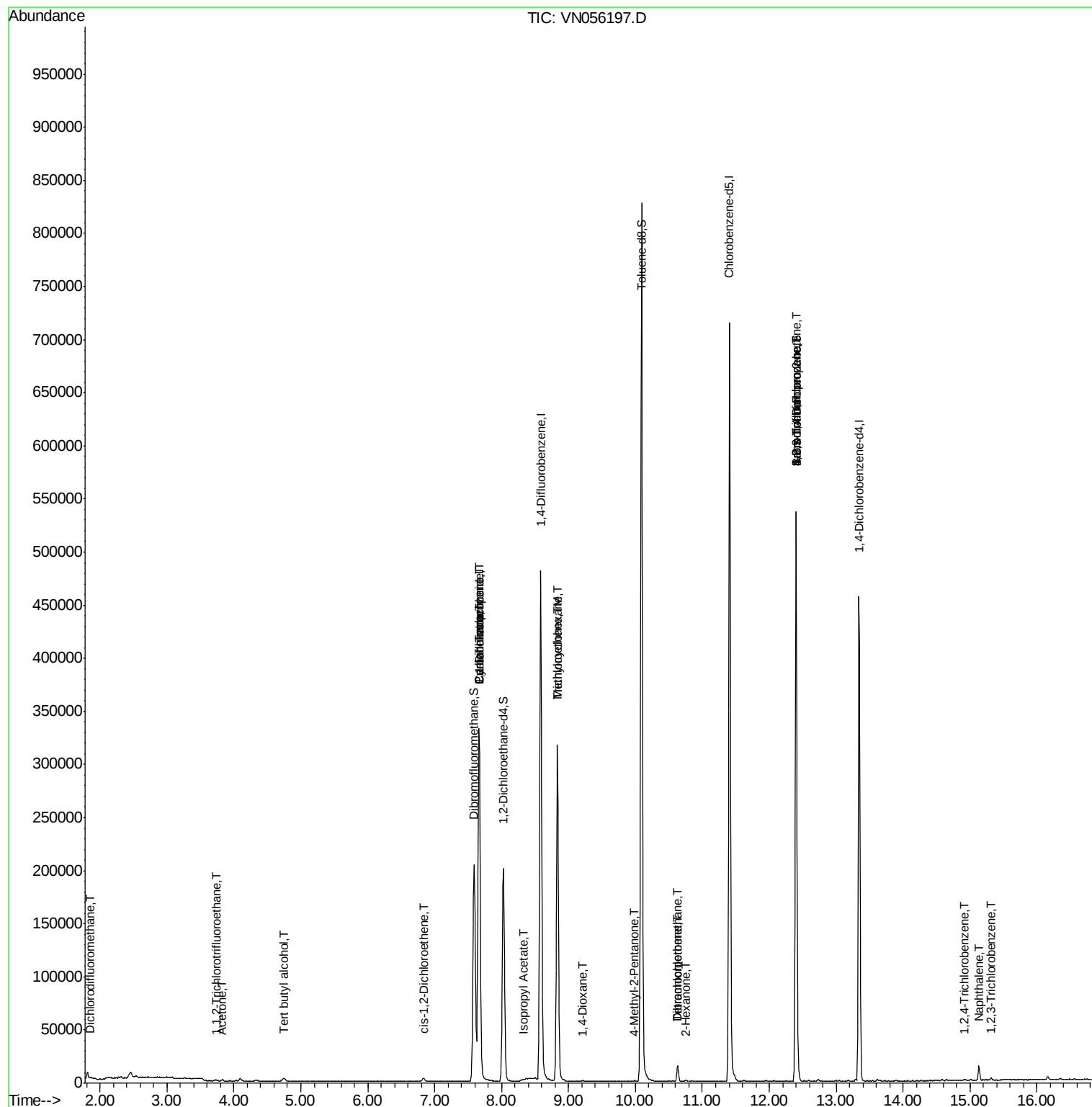
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	318859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	474860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	458250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	168159	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
35) Dibromofluoromethane	7.59	113	158269	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.09	98	616230	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
62) 4-Bromofluorobenzene	12.40	95	190818	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	167	0.402	ug/l #	42
9) 1,1,2-Trichlorotrifluoroet	3.74	101	601	0.224	ug/l #	44
11) Tert butyl alcohol	4.74	59	2824	5.126	ug/l #	74
16) Acetone	3.82	43	1930	1.275	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	1549	0.459	ug/l	91
31) Cyclohexane	7.67	56	4317	0.859	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17998	4.408	ug/l #	49
38) Carbon Tetrachloride	7.66	117	26512	7.043	ug/l #	15
39) Methylcyclohexane	8.84	83	1350	0.265	ug/l #	1
43) Isopropyl Acetate	8.32	43	2055	0.349	ug/l #	53
44) Trichloroethene	8.83	130	130691	36.675	ug/l	99
49) 1,4-Dioxane	9.20	88	474	7.623	ug/l #	75
51) 4-Methyl-2-Pentanone	9.99	43	887	0.241	ug/l #	35
59) 2-Hexanone	10.76	43	1465	0.549	ug/l #	58
60) Dibromochloromethane	10.63	129	3297	3.382	ug/l #	11
64) Tetrachloroethene	10.63	164	4414	1.113	ug/l	88
71) Bromoform	12.40	173	1497	3.277	ug/l #	1
73) Isopropylbenzene	12.25	105	440	Below Cal		75
76) 1,2,3-Trichloropropane	12.40	75	86091	33.220	ug/l #	100
79) 2-Chlorotoluene	12.67	91	595	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	86091	110.630	ug/l #	15
83) tert-Butylbenzene	12.99	119	617	Below Cal	#	72
93) 1,2,4-Trichlorobenzene	14.91	180	960	4.608	ug/l #	85
94) Hexachlorobutadiene	15.01	225	432	Below Cal		85
95) Naphthalene	15.13	128	12448	5.557	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	1293	3.490	ug/l	91

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

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

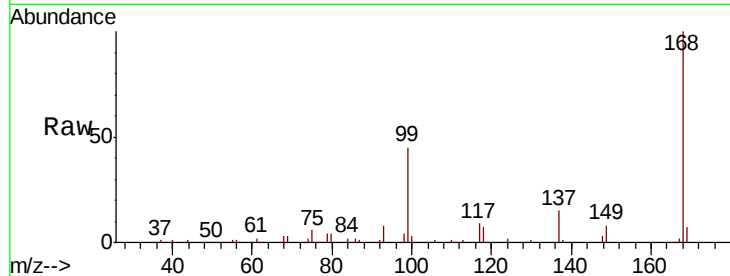
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 318859

Ion Ratio Lower Upper

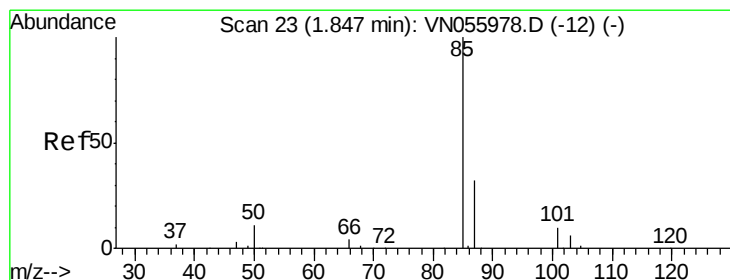
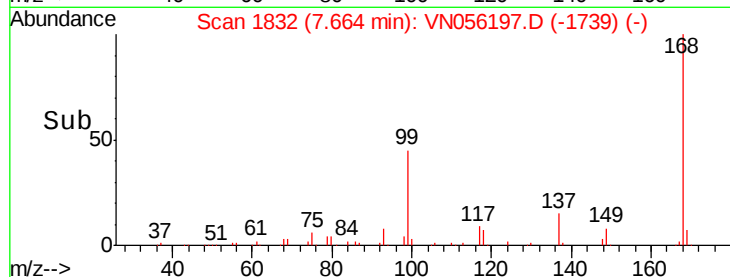
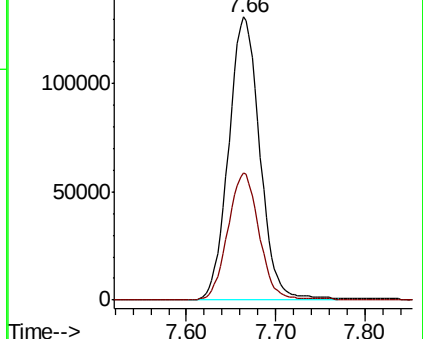
168 100

99 45.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 0.402 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.01 min

Lab File: VN056197.D

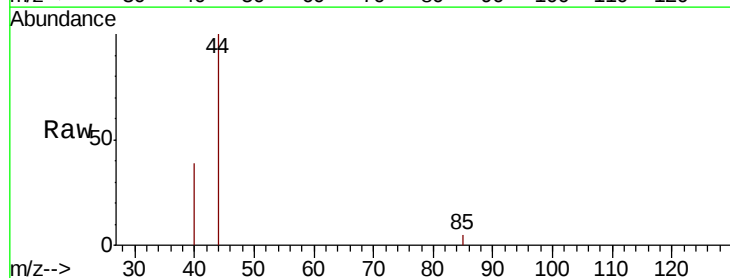
Acq: 11 Jun 2019 3:55

Tgt Ion: 85 Resp: 167

Ion Ratio Lower Upper

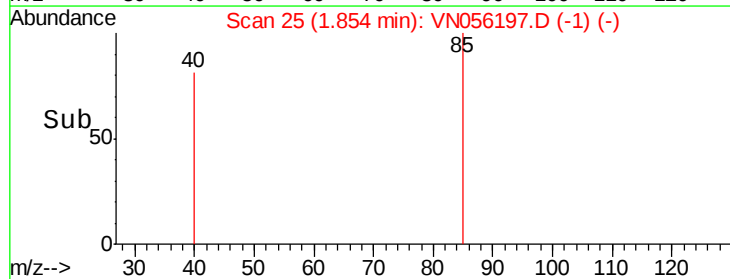
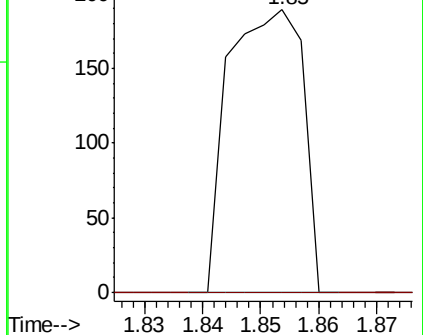
85 100

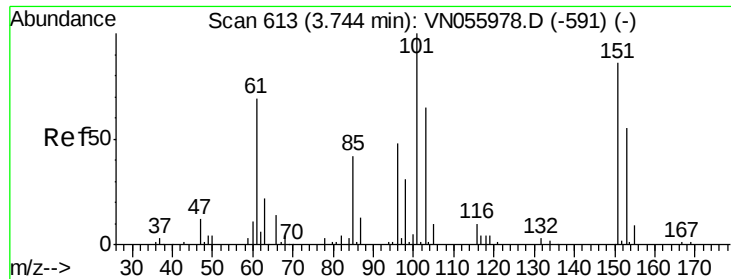
87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.224 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

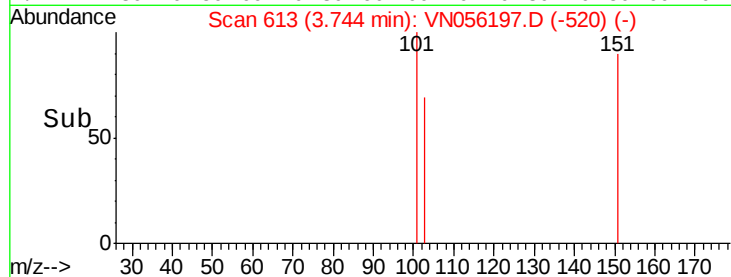
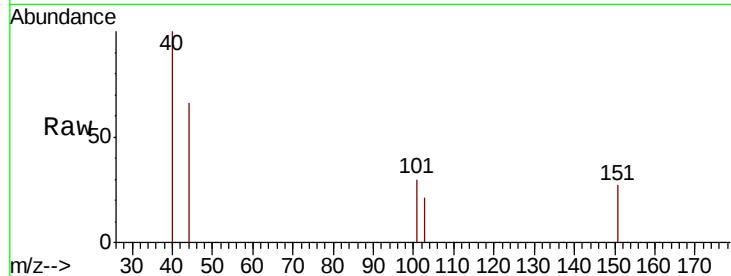
Tot Ion:101 Resp: 601

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

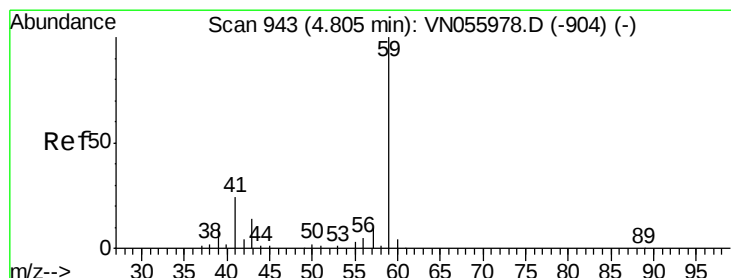
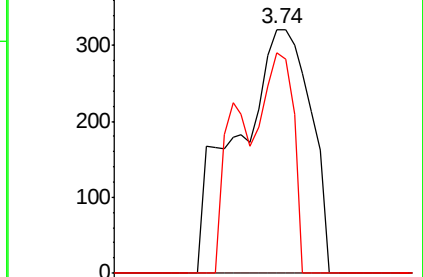
151 39.1 69.4 104.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 5.126 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.07 min

Lab File: VN056197.D

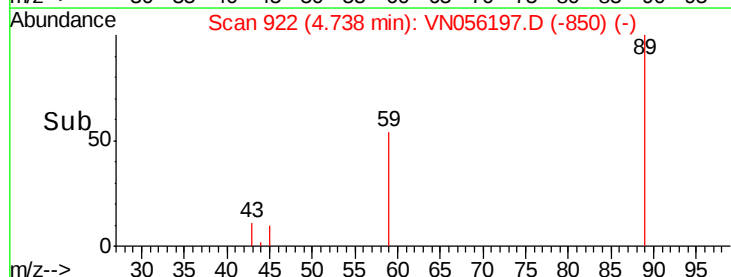
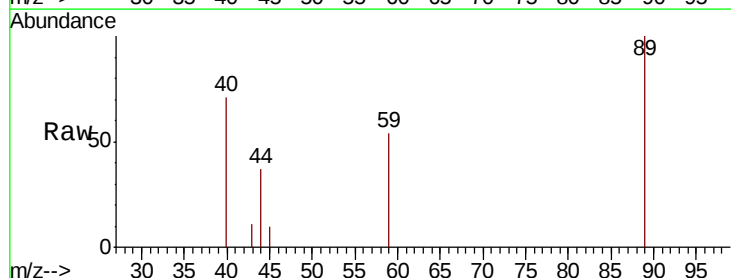
Acq: 11 Jun 2019 3:55

Tgt Ion: 59 Resp: 2824

Ion Ratio Lower Upper

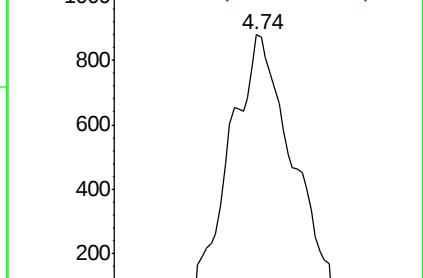
59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 1.275 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

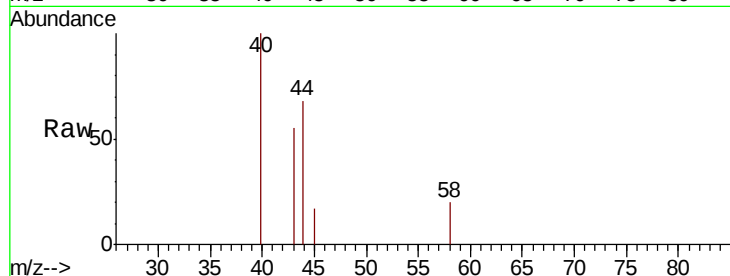
ClientSampleId :

Tot Ion: 43 Resp: 1930

Ion Ratio Lower Upper

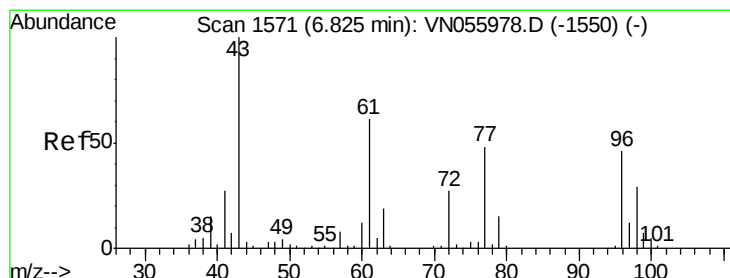
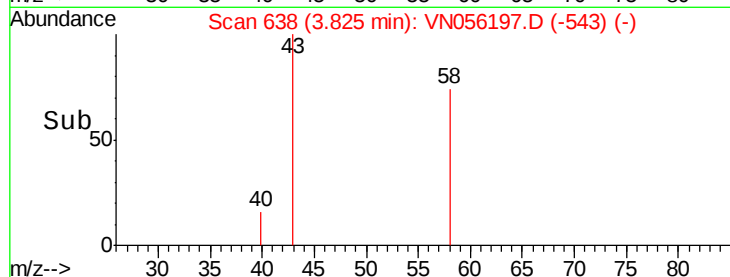
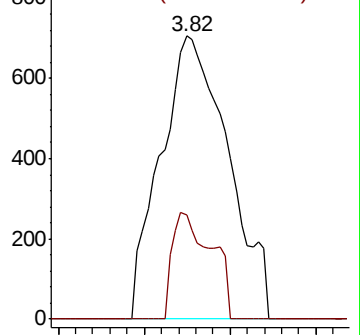
43 100

58 36.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.459 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

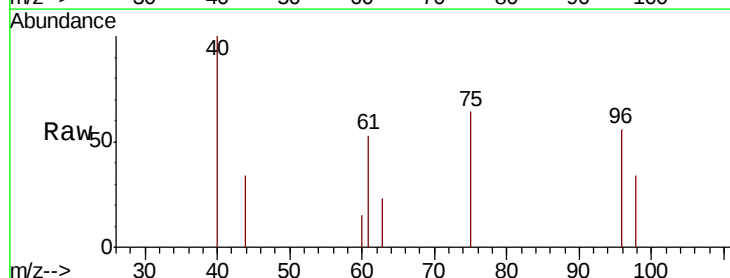
Tgt Ion: 96 Resp: 1549

Ion Ratio Lower Upper

96 100

61 126.1 0.0 275.8

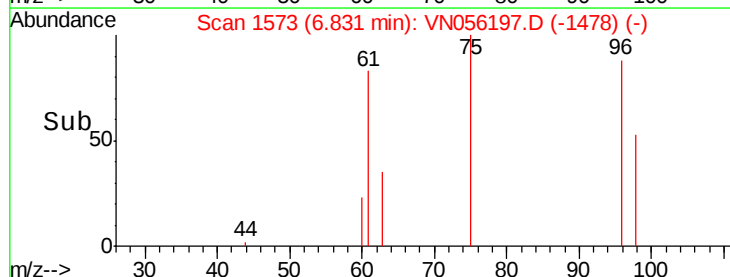
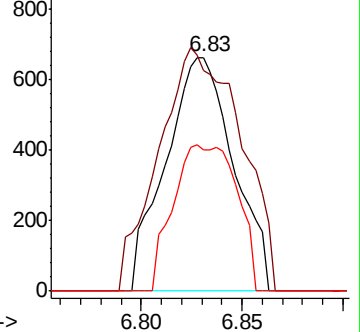
98 58.8 0.0 128.4

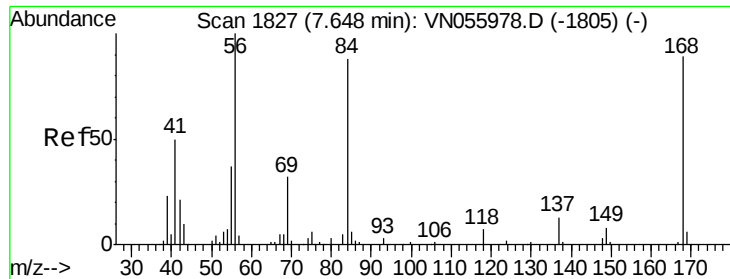


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

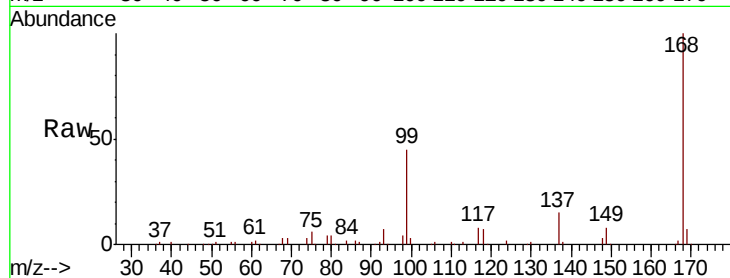




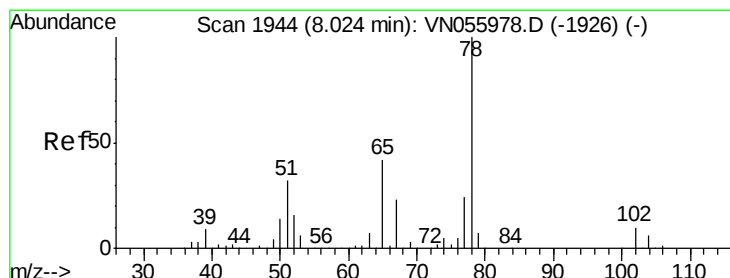
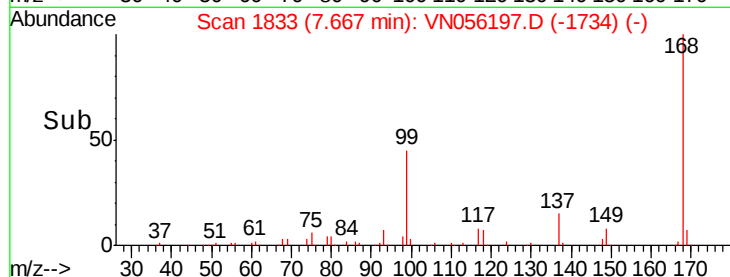
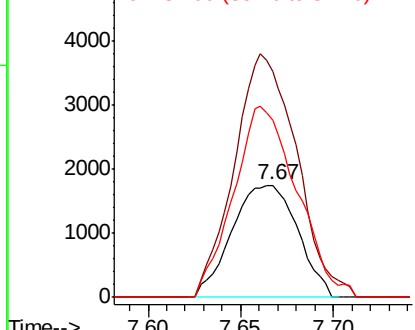
#31
Cyclohexane
Concen: 0.859 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056197.D
Acq: 11 Jun 2019 3:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 4317
Ion Ratio Lower Upper
56 100
69 202.2 25.6 38.4#
84 157.9 67.4 101.0#

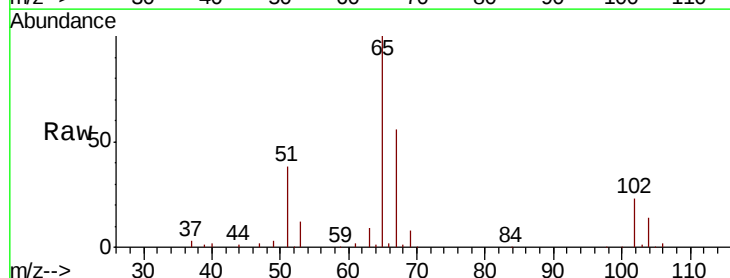


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

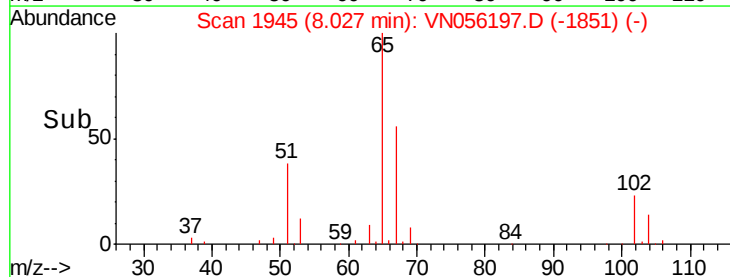
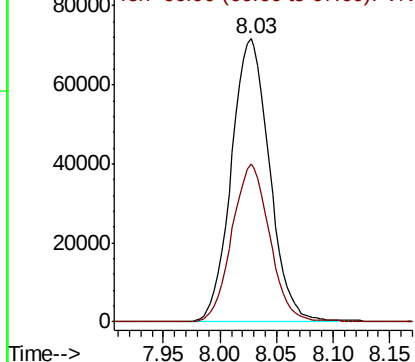


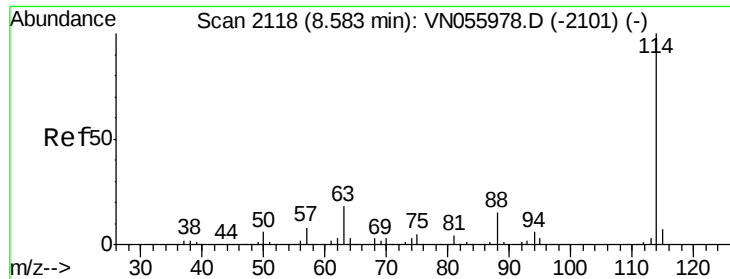
#33
1,2-Dichloroethane-d4
Concen: 53.114 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056197.D
Acq: 11 Jun 2019 3:55

Tgt Ion: 65 Resp: 168159
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.2



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

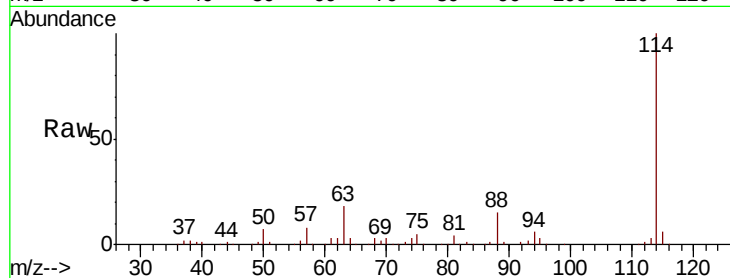




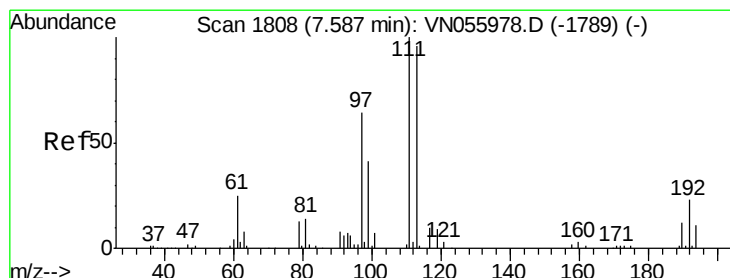
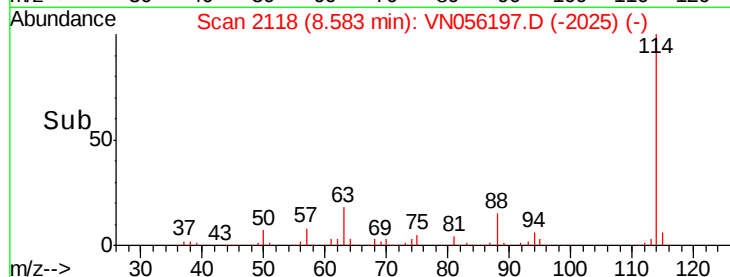
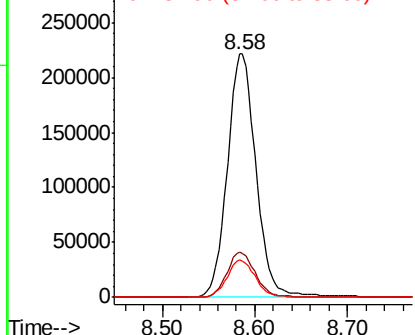
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056197.D
 Acq: 11 Jun 2019 3:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.2
88	15.4	0.0	31.0

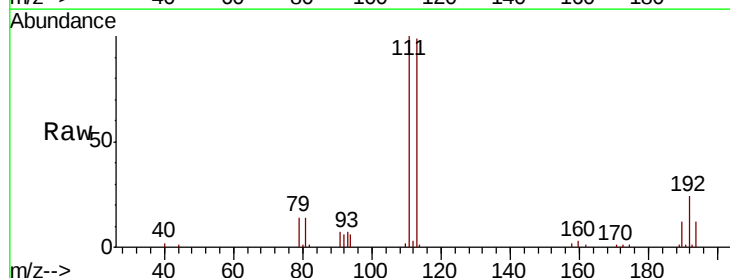


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

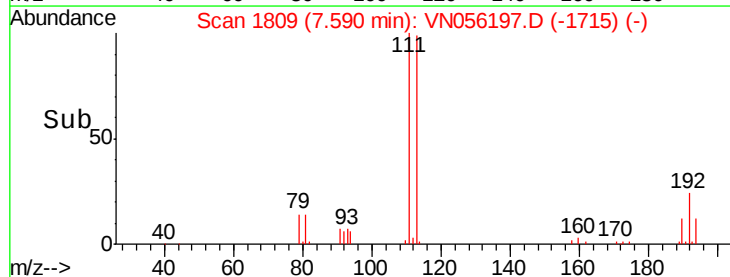
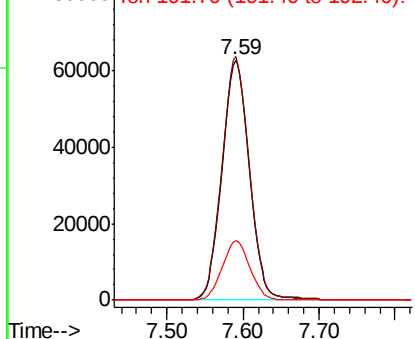


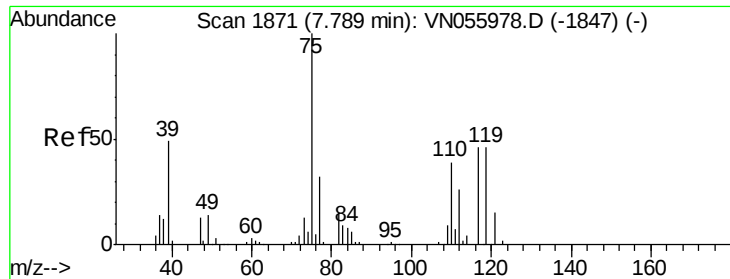
#35
 Dibromofluoromethane
 Concen: 54.324 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056197.D
 Acq: 11 Jun 2019 3:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	25.0	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: 4.408 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

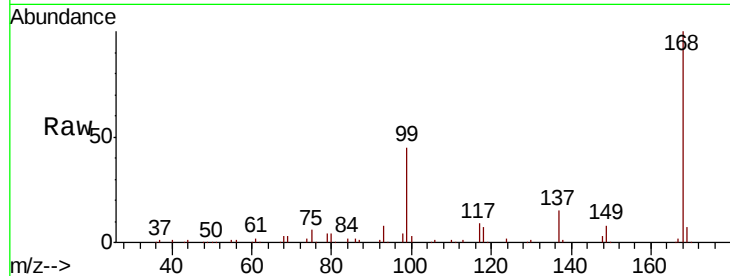
Tot Ion: 75 Resp: 17998

Ion Ratio Lower Upper

75 100

110 9.7 19.0 57.0#

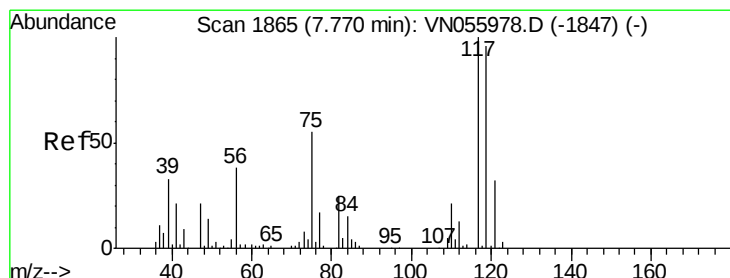
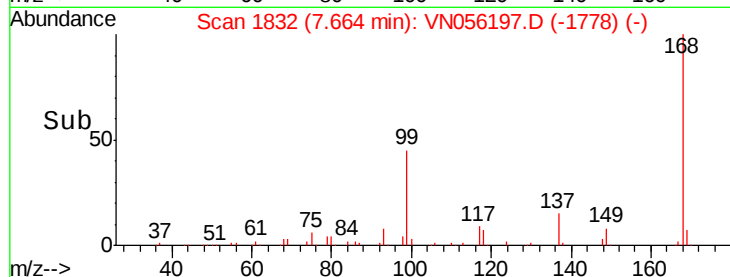
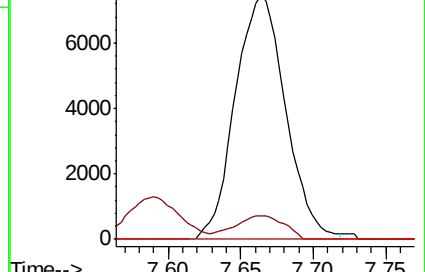
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN056197.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN056197.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN056197.D (-1778) (-)



#38

Carbon Tetrachloride

Concen: 7.043 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

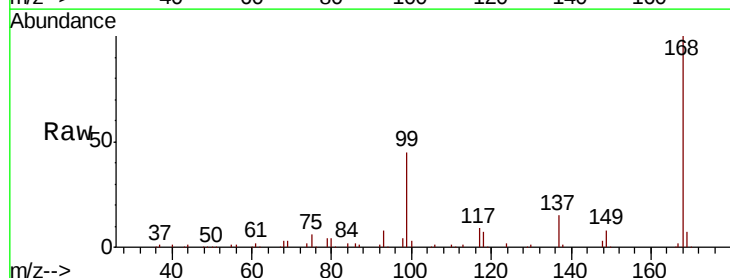
Tgt Ion: 117 Resp: 26512

Ion Ratio Lower Upper

117 100

119 5.3 79.0 118.6#

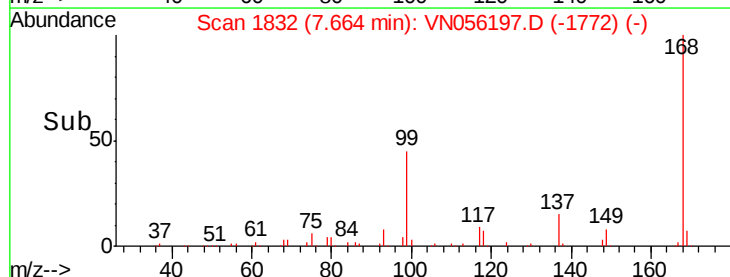
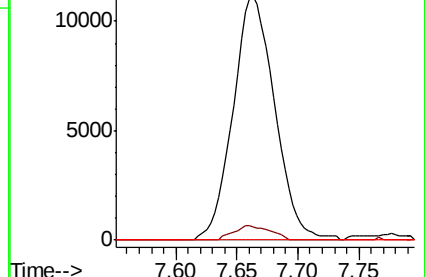
121 0.0 24.7 37.1#

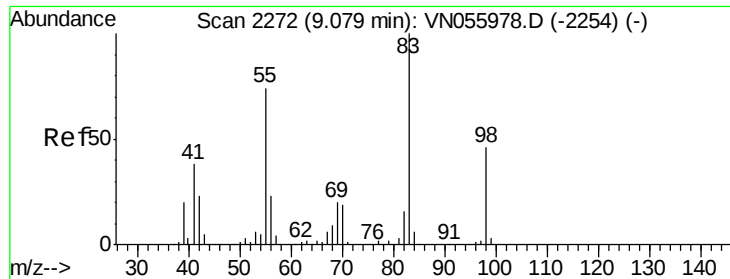


Abundance Ion 116.80 (116.50 to 117.50): VN056197.D (-1772) (-)

Ion 118.80 (118.50 to 119.50): VN056197.D (-1772) (-)

Ion 120.80 (120.50 to 121.50): VN056197.D (-1772) (-)

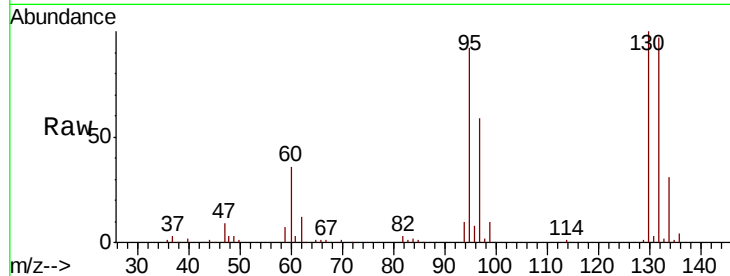




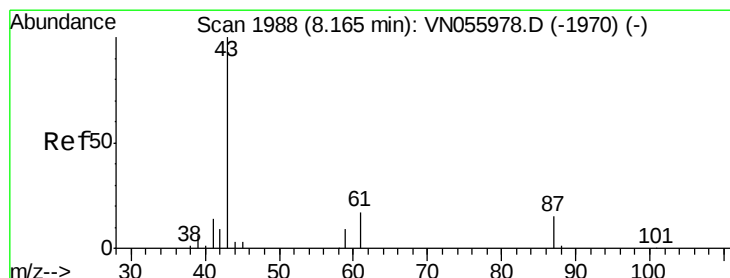
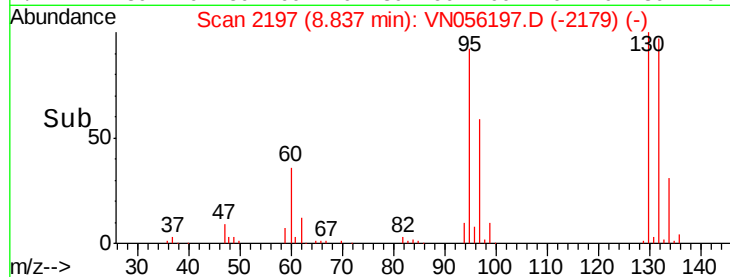
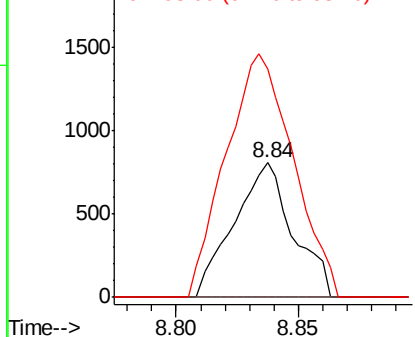
#39
Methylcyclohexane
Concen: 0.265 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.24 min
Lab File: VN056197.D
Acq: 11 Jun 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 1350
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 169.2 36.6 54.8#

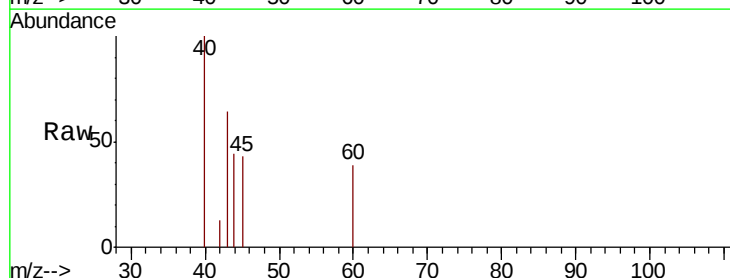


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

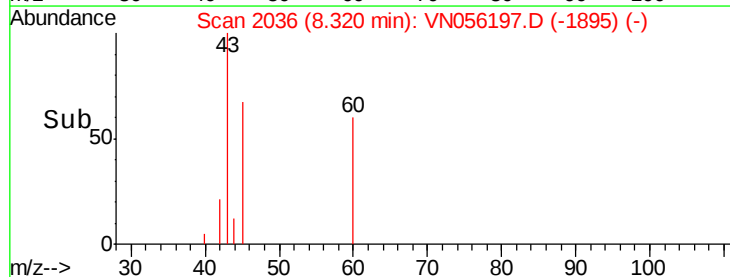
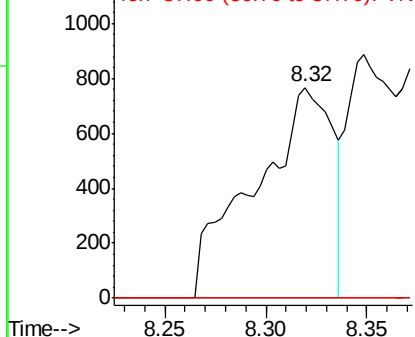


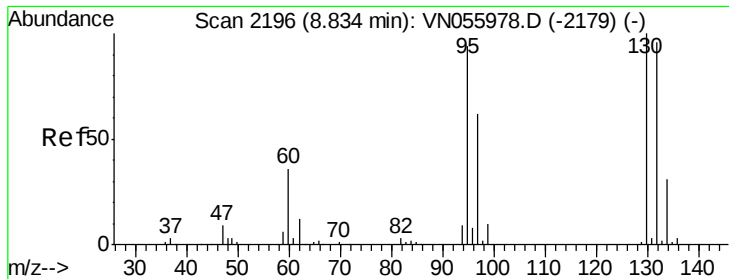
#43
Isopropyl Acetate
Concen: 0.349 ug/l
RT: 8.32 min Scan# 2036
Delta R.T. 0.15 min
Lab File: VN056197.D
Acq: 11 Jun 2019 3:55

Tgt Ion: 43 Resp: 2055
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





#44

Trichloroethene

Concen: 36.675 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

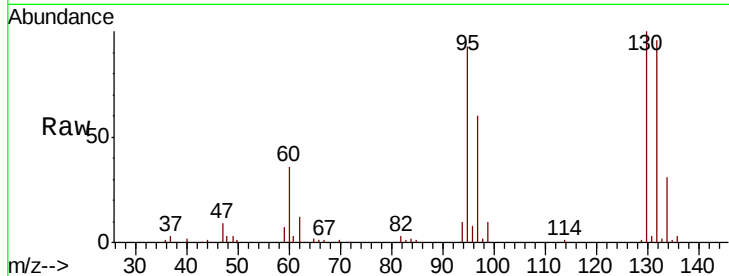
ClientSampleId :

Tot Ion:130 Resp: 130691

Ion Ratio Lower Upper

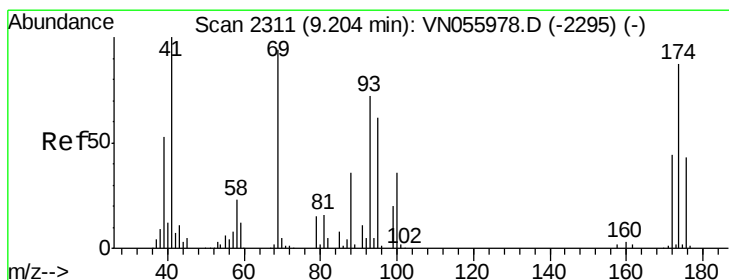
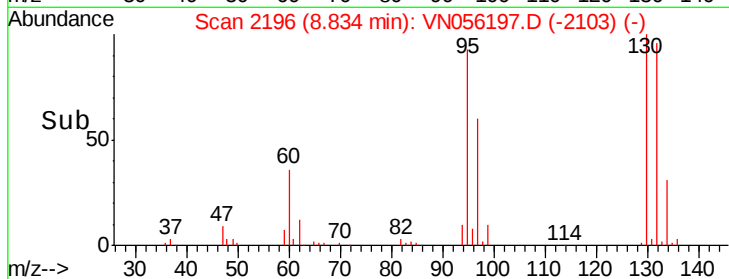
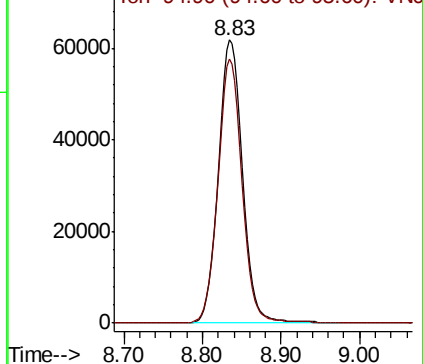
130 100

95 93.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#49

1,4-Dioxane

Concen: 7.623 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

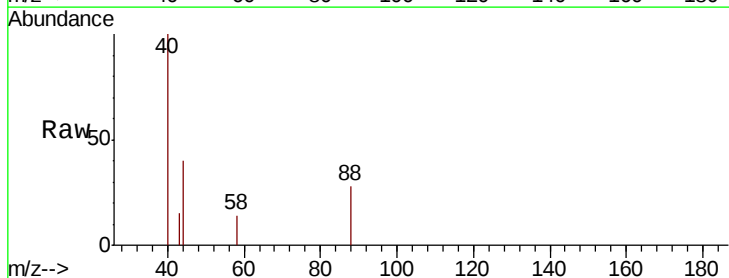
Tgt Ion: 88 Resp: 474

Ion Ratio Lower Upper

88 100

43 36.9 20.5 30.7#

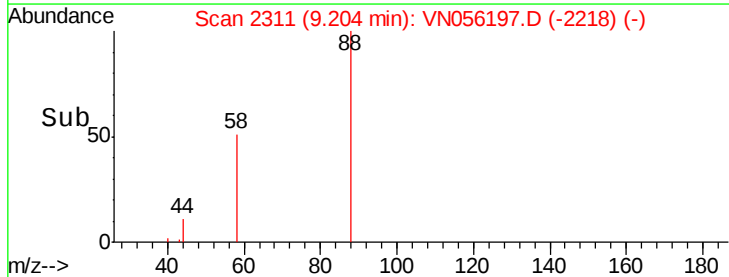
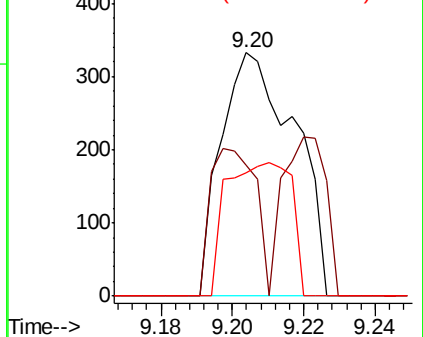
58 48.5 55.8 83.6#

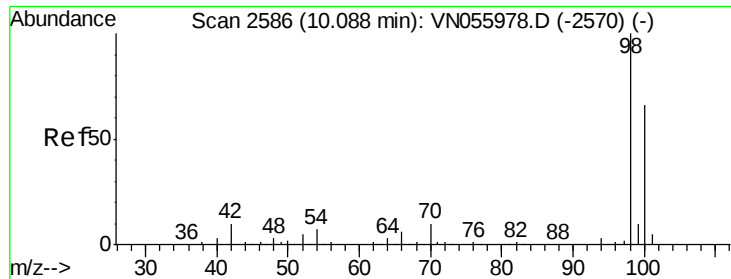


Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#50

Toluene-d8

Concen: 54.967 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

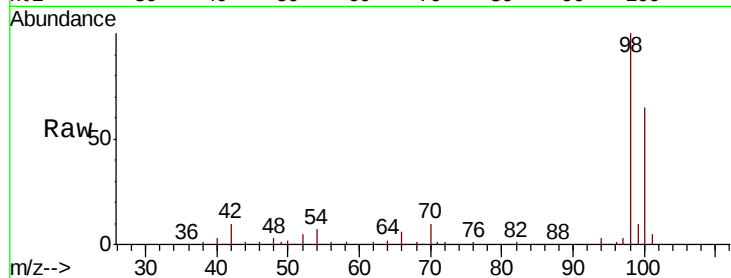
ClientSampled :

Tot Ion: 98 Resp: 616230

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

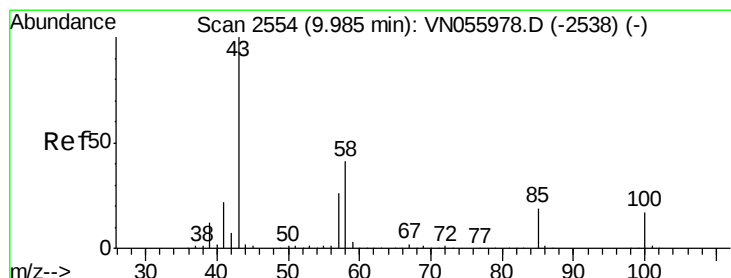
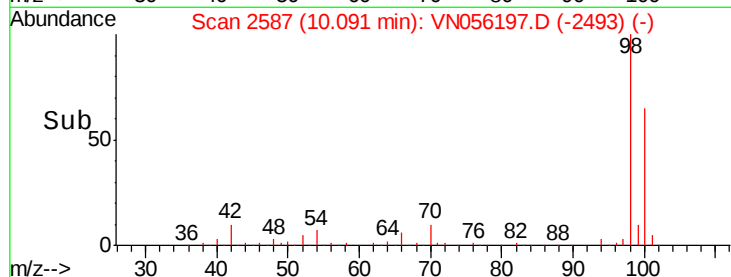
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.241 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056197.D

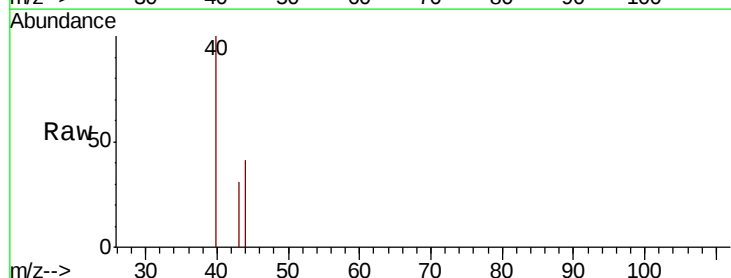
Acq: 11 Jun 2019 3:55

Tgt Ion: 43 Resp: 887

Ion Ratio Lower Upper

43 100

58 0.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

500

400

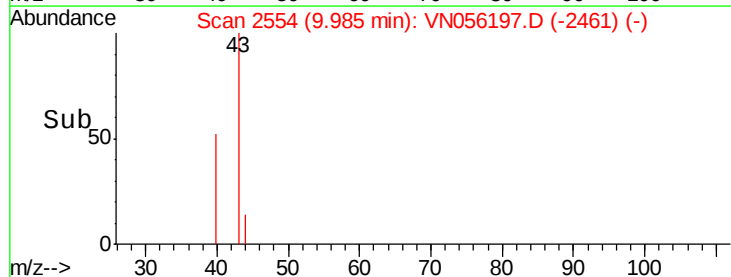
300

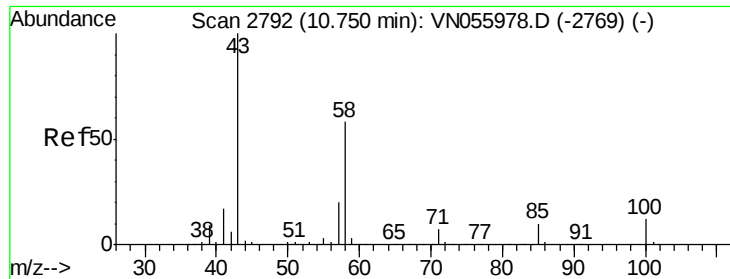
200

100

0

Time-->

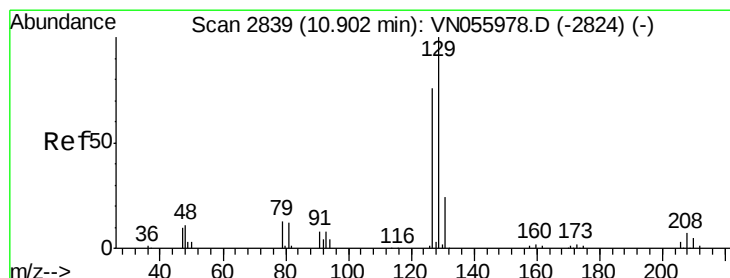
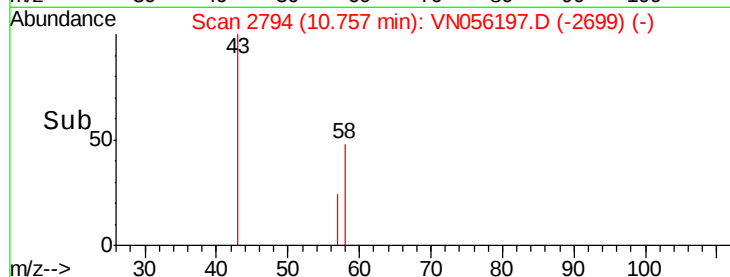
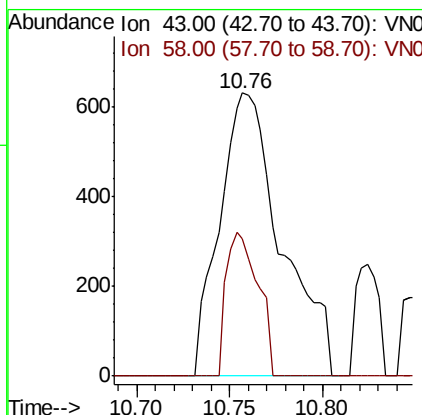
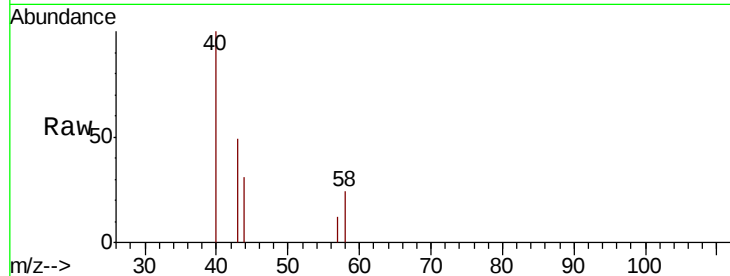




#59
2-Hexanone
Concen: 0.549 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN056197.D
Acq: 11 Jun 2019 3:55

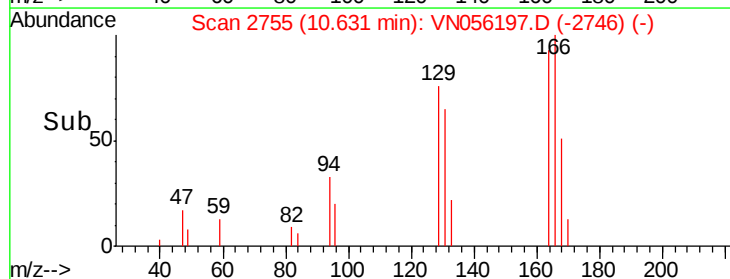
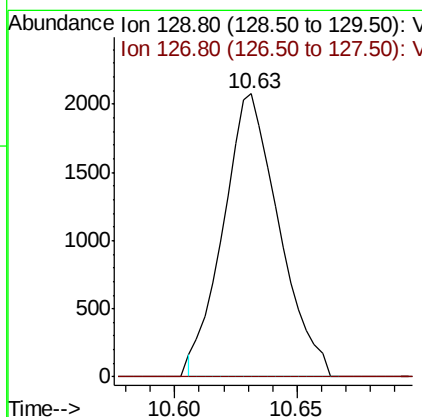
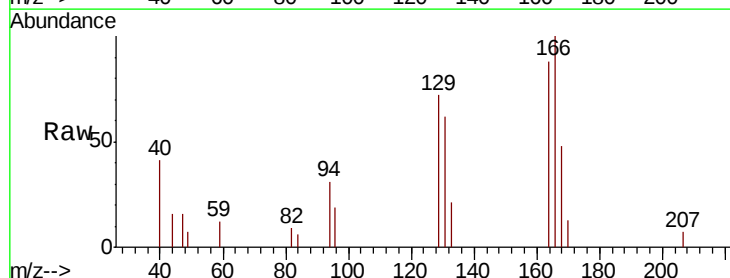
Instrument :
MSVOA_N
ClientSampled :

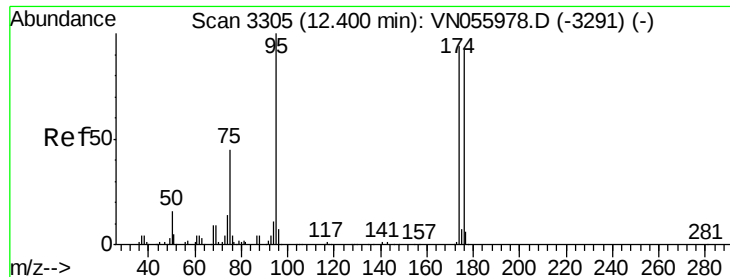
Tot Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
58 25.9 28.2 84.7#



#60
Dibromochloromethane
Concen: 3.382 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN056197.D
Acq: 11 Jun 2019 3:55

Tgt Ion: 129 Resp: 3297
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#





#62

4-Bromofluorobenzene

Concen: 50.050 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

ClientSampled :

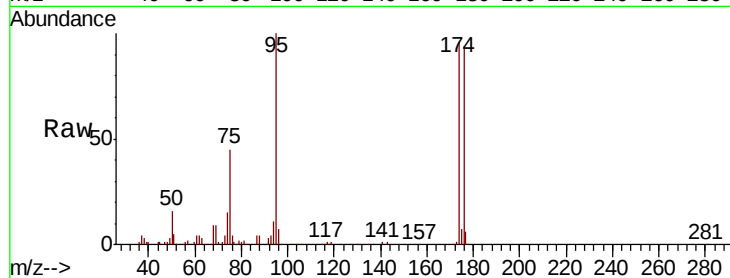
Tot Ion: 95 Resp: 190818

Ion Ratio Lower Upper

95 100

174 97.1 0.0 191.0

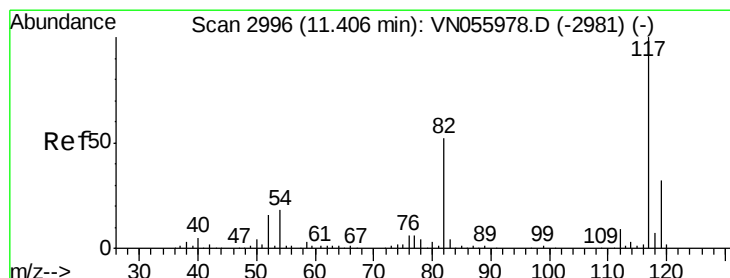
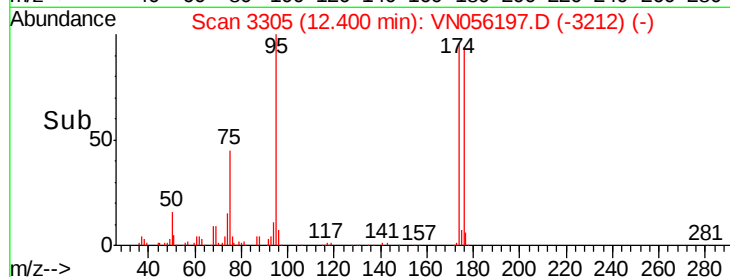
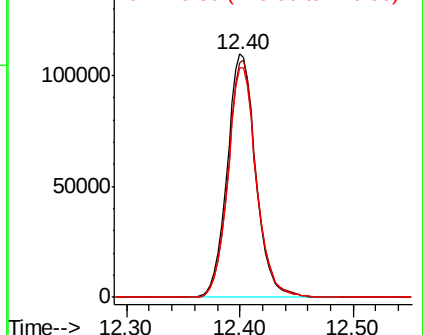
176 94.4 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

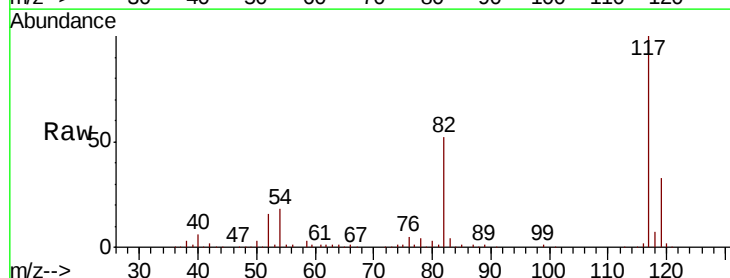
Tgt Ion: 117 Resp: 458250

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

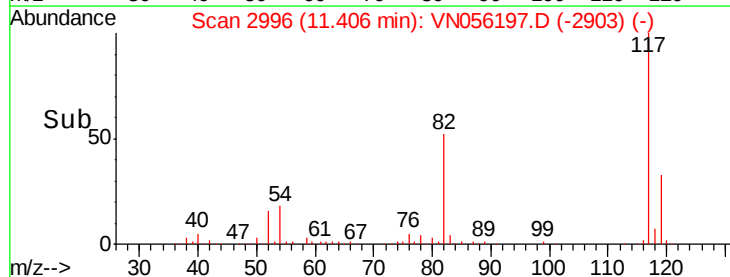
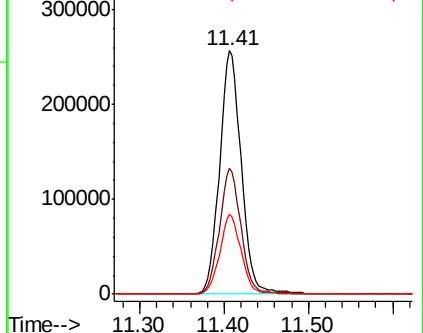
119 32.7 25.4 38.0

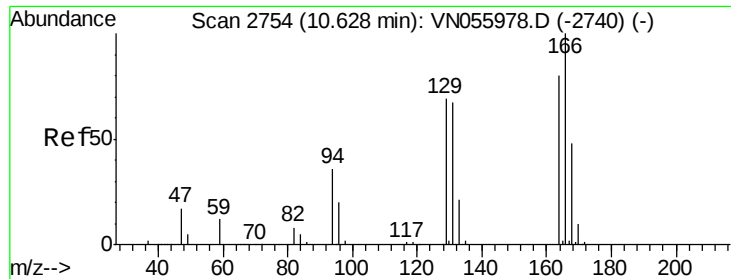


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#64

Tetrachloroethene

Concen: 1.113 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 4414

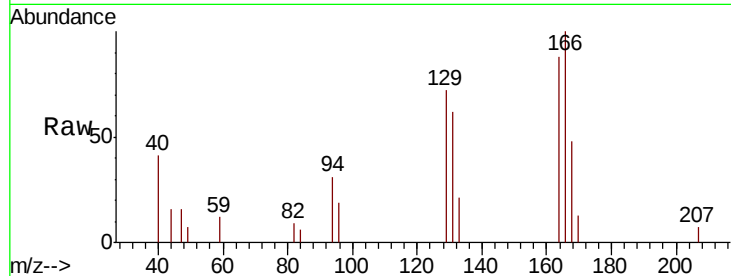
Ion Ratio Lower Upper

164 100

166 113.5 103.0 154.6

129 81.7 70.6 105.8

131 70.2 68.6 102.8

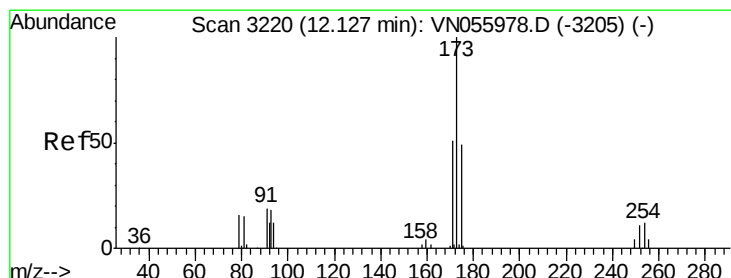
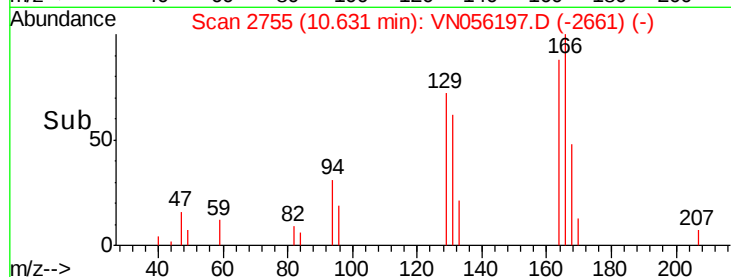
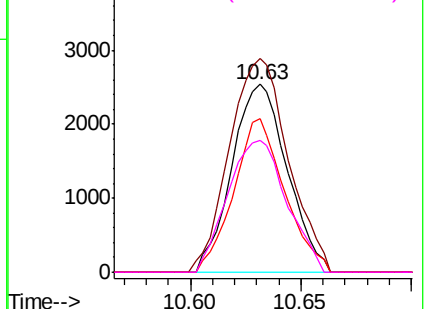


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 3.277 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

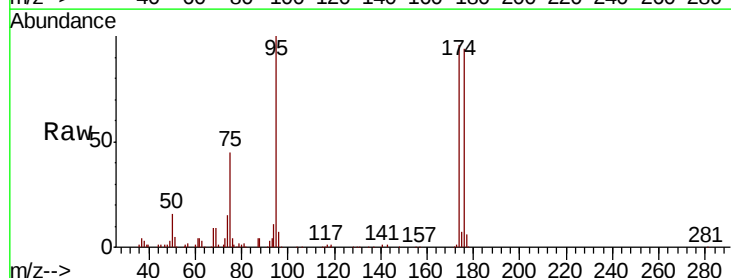
Tgt Ion:173 Resp: 1497

Ion Ratio Lower Upper

173 100

175 782.5 24.3 72.8#

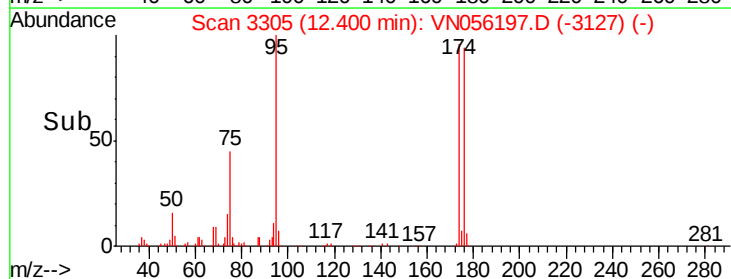
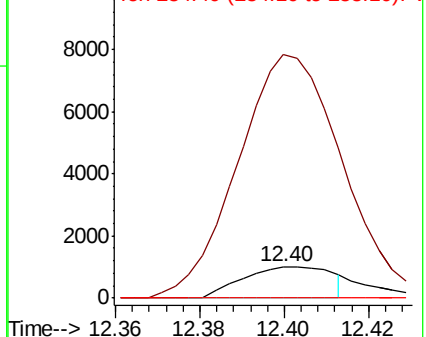
254 0.0 0.0 0.0

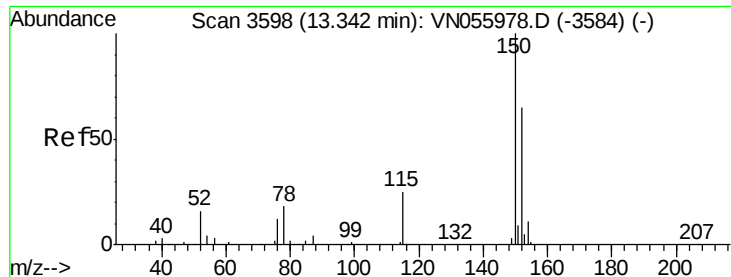


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

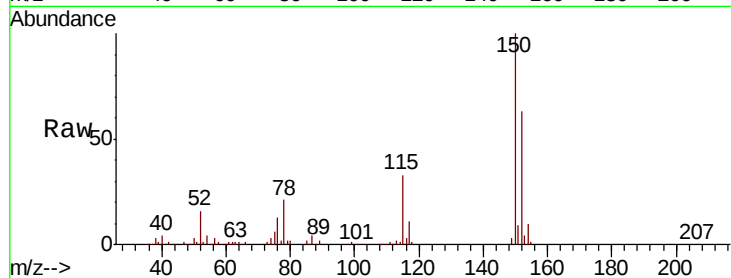
Tot Ion:152 Resp: 140840

Ion Ratio Lower Upper

152 100

115 52.1 27.0 81.0

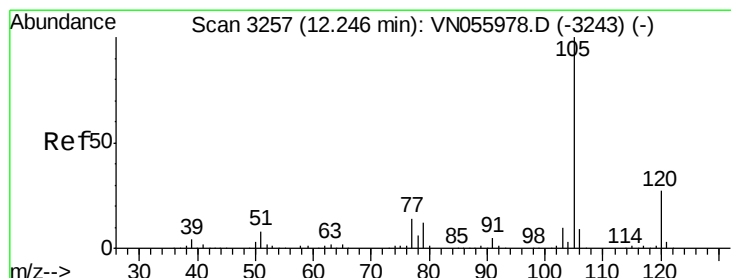
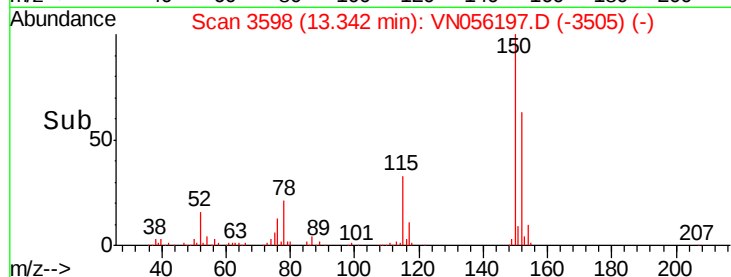
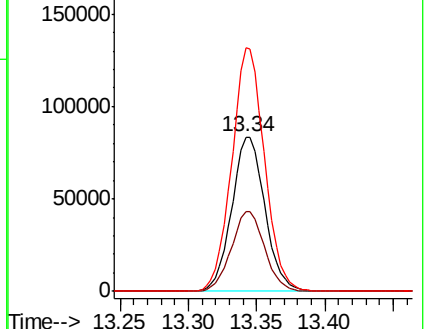
150 156.0 0.0 343.2



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# 3257

Delta R.T. 0.00 min

Lab File: VN056197.D

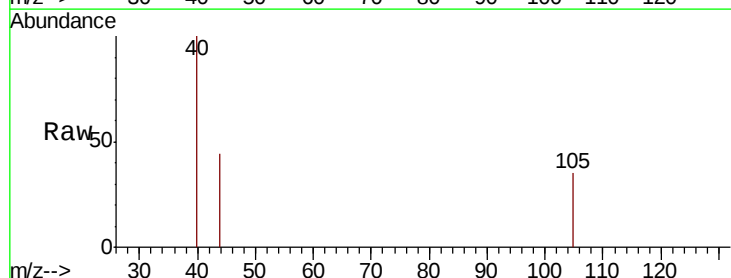
Acq: 11 Jun 2019 3:55

Tgt Ion:105 Resp: 440

Ion Ratio Lower Upper

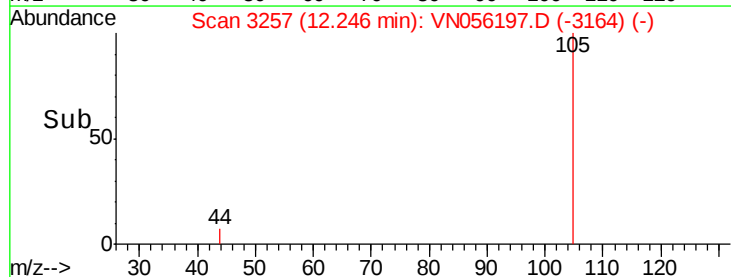
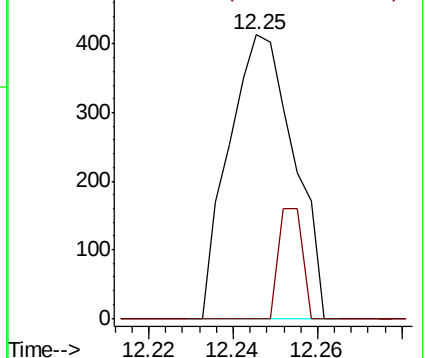
105 100

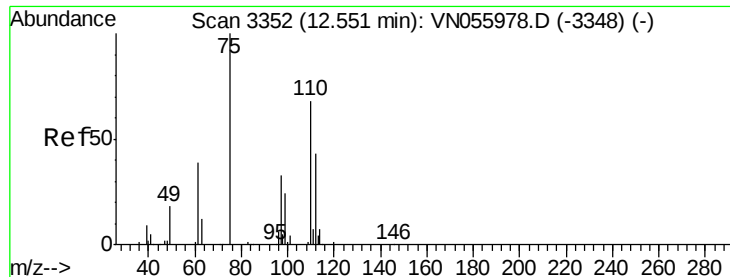
120 14.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 33.220 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

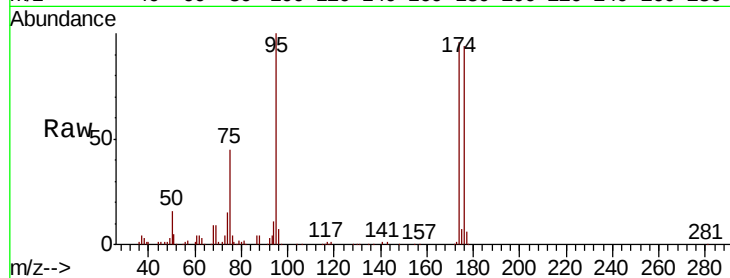
ClientSampled :

Tot Ion: 75 Resp: 86091

Ion Ratio Lower Upper

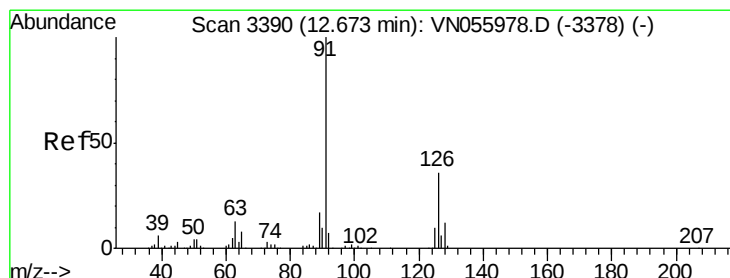
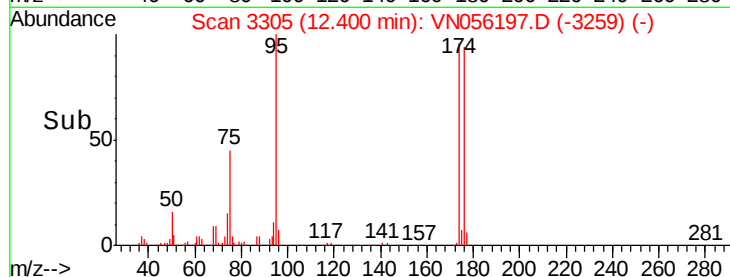
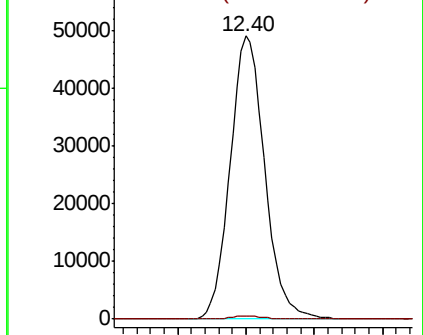
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056197.D

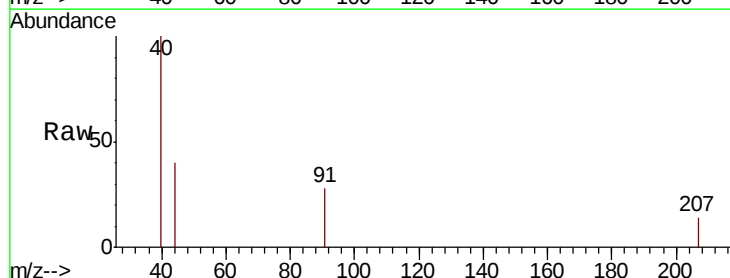
Acq: 11 Jun 2019 3:55

Tgt Ion: 91 Resp: 595

Ion Ratio Lower Upper

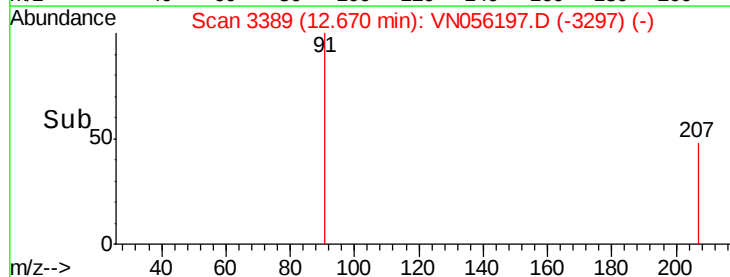
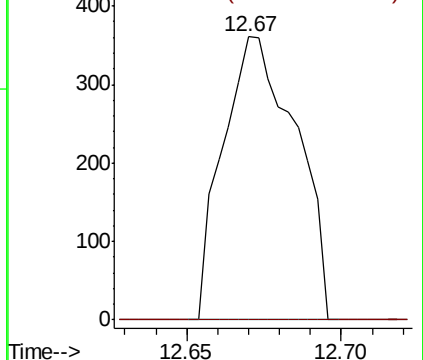
91 100

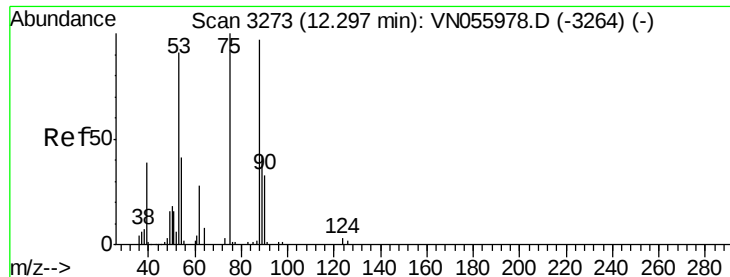
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

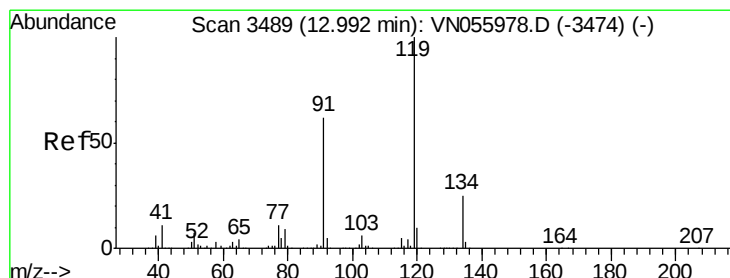
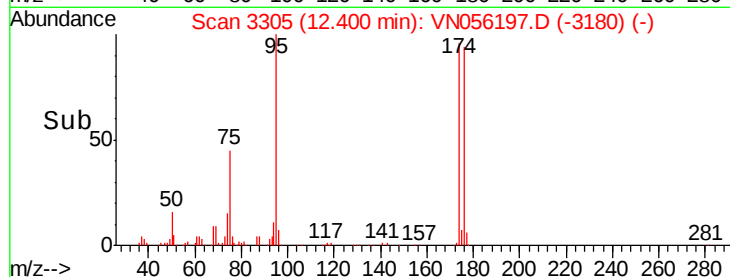
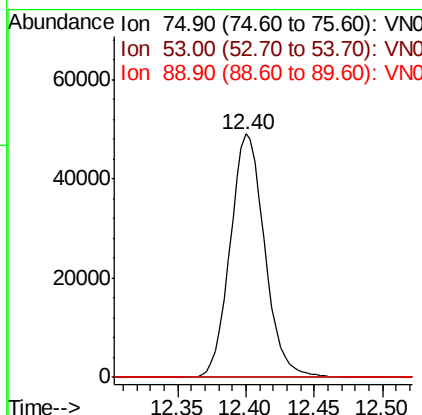
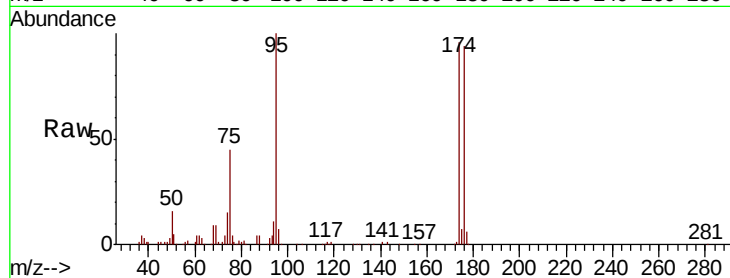




#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.630 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056197.D
 Acq: 11 Jun 2019 3:55

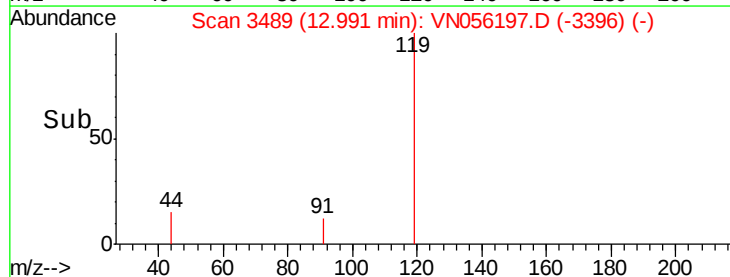
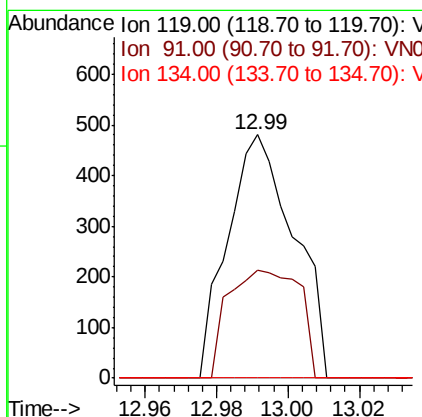
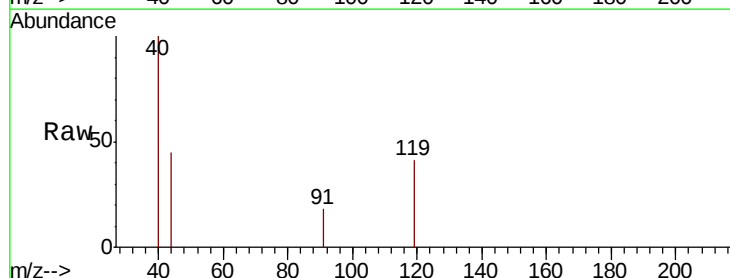
Instrument :
 MSVOA_N
 ClientSampleId :

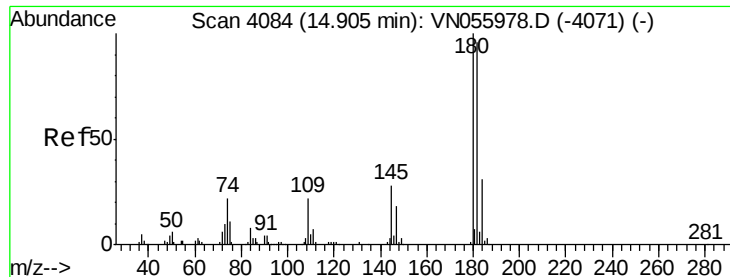
Tot Ion: 75 Resp: 86091
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.1 102.1#
 89 0.0 36.9 55.3#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056197.D
 Acq: 11 Jun 2019 3:55

Tgt Ion: 119 Resp: 617
 Ion Ratio Lower Upper
 119 100
 91 47.6 30.9 92.8
 134 0.0 13.3 39.8#

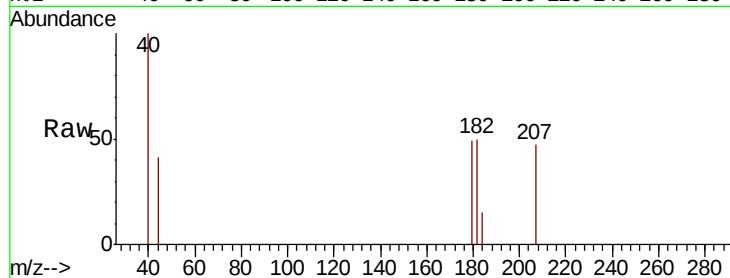




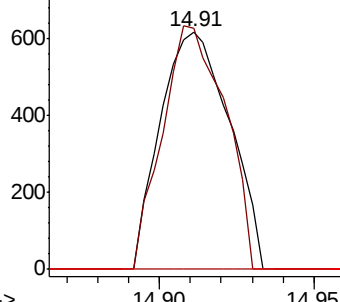
#93
 1,2,4-Trichlorobenzene
 Concen: 4.608 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN056197.D
 Acq: 11 Jun 2019 3:55

Instrument :
 MSVOA_N
 ClientSampleId :

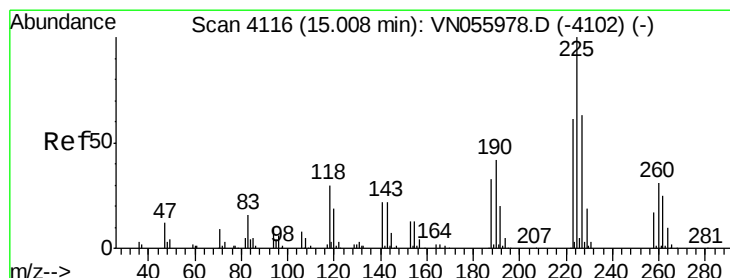
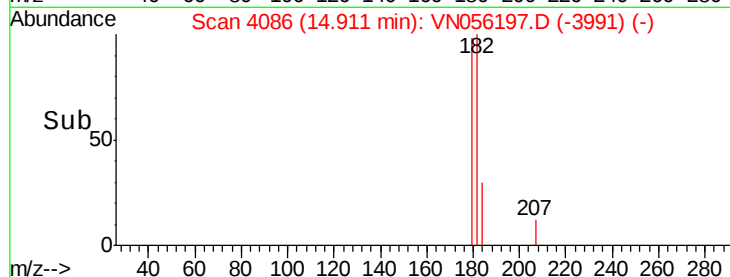
Tot Ion:180 Resp: 960
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.3 144.9
 145 0.0 14.0 41.9#



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

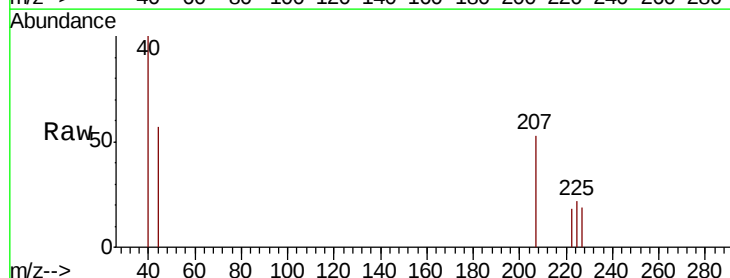


Time-->

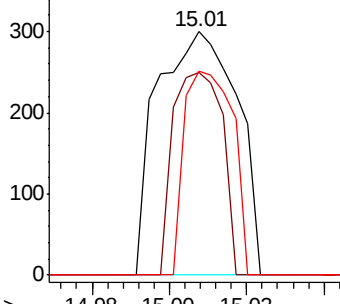


#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056197.D
 Acq: 11 Jun 2019 3:55

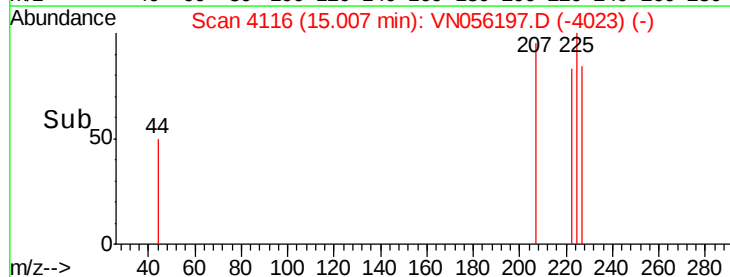
Tgt Ion:225 Resp: 432
 Ion Ratio Lower Upper
 225 100
 223 50.7 30.9 92.7
 227 50.9 31.6 94.7

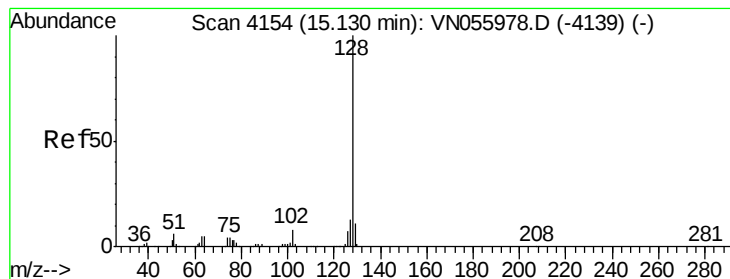


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 5.557 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

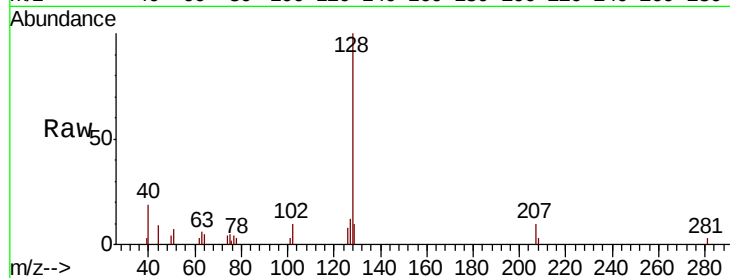
Tot Ion:128 Resp: 12448

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

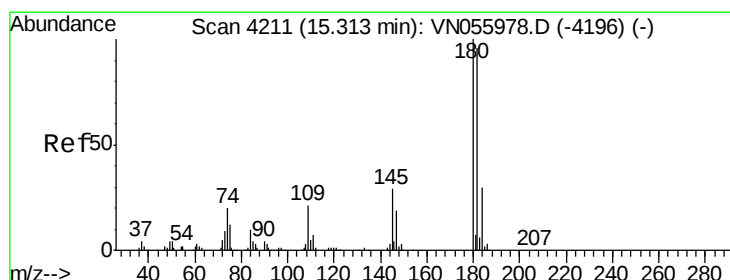
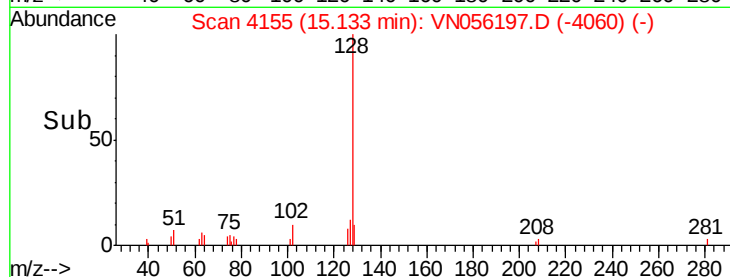
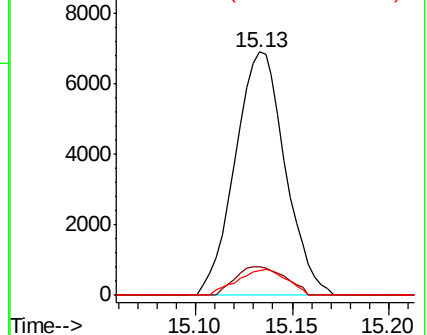
129 10.6 8.7 13.1



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: 3.490 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN056197.D

Acq: 11 Jun 2019 3:55

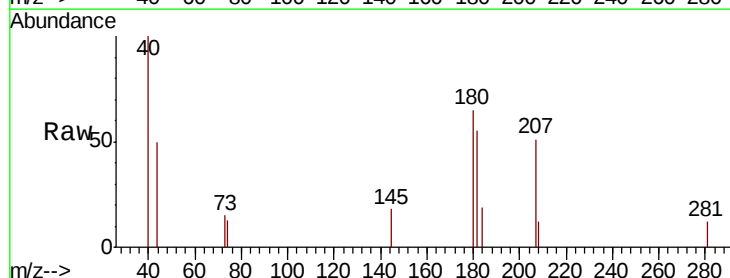
Tgt Ion:180 Resp: 1293

Ion Ratio Lower Upper

180 100

182 100.6 47.9 143.7

145 18.6 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

