

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056344.D
 Acq On : 17 Jun 2019 16:45
 Operator : JC/SP
 Sample : K3154-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 04:36:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

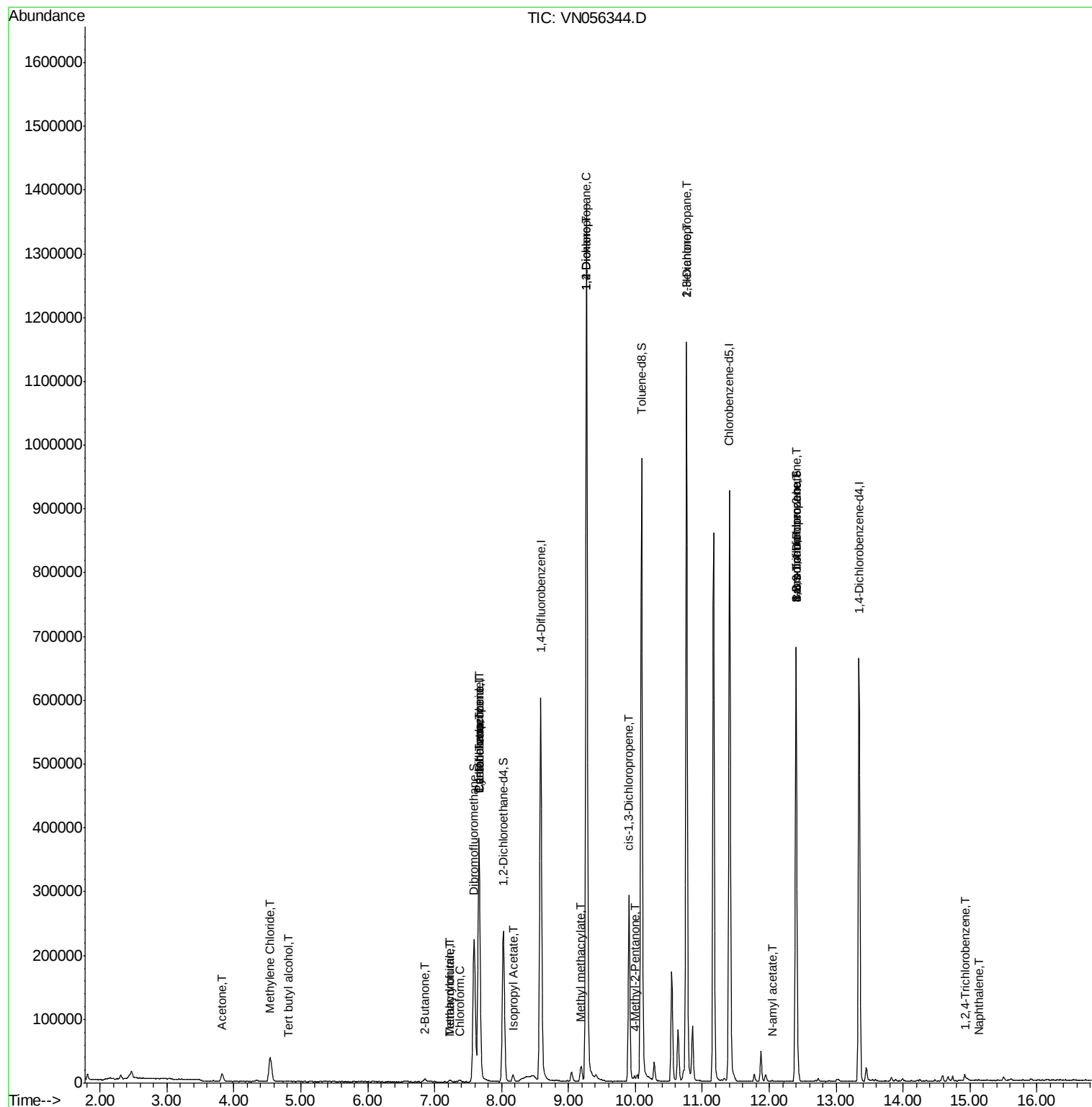
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	343329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	583506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	600026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	201830	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	7.59	113	173855	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	10.09	98	730759	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	249907	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.81	59	243	0.400	ug/l #	73
16) Acetone	3.82	43	21269	9.971	ug/l	98
18) Methyl Acetate	4.33	43	2342	Below Cal	#	88
20) Methylene Chloride	4.54	84	30551	8.111	ug/l	94
25) 2-Butanone	6.85	43	9970	3.856	ug/l	99
29) Tetrahydrofuran	7.23	42	2256	1.469	ug/l #	53
30) Chloroform	7.37	83	2765	0.451	ug/l	90
31) Cyclohexane	7.67	56	5617	0.944	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21964	4.183	ug/l #	49
38) Carbon Tetrachloride	7.66	117	29923	5.937	ug/l #	16
41) Methacrylonitrile	7.22	41	625	0.274	ug/l #	32
43) Isopropyl Acetate	8.17	43	13044	1.639	ug/l	99
45) 1,2-Dichloropropane	9.27	63	1854	0.440	ug/l #	44
48) Methyl methacrylate	9.18	41	8852	2.204	ug/l #	13
49) 1,4-Dioxane	9.27	88	202	2.493	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5346	1.054	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	54227	8.859	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	12346	1.834	ug/l #	42
59) 2-Hexanone	10.76	43	169263	44.986	ug/l #	51
71) Bromoform	12.40	173	1841	0.521	ug/l #	1
73) Isopropylbenzene	12.40	105	228	Below Cal	#	48
74) N-amyl acetate	12.03	43	1261	0.207	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.40	83	65	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	116253	28.050	ug/l #	100
79) 2-Chlorotoluene	12.68	91	259	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	116253	87.149	ug/l #	13
83) tert-Butylbenzene	13.04	119	219	Below Cal	#	28
90) Hexachloroethane	13.94	117	290	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	14.91	180	140	5.343	ug/l #	86
95) Naphthalene	15.13	128	1820	4.846	ug/l #	69

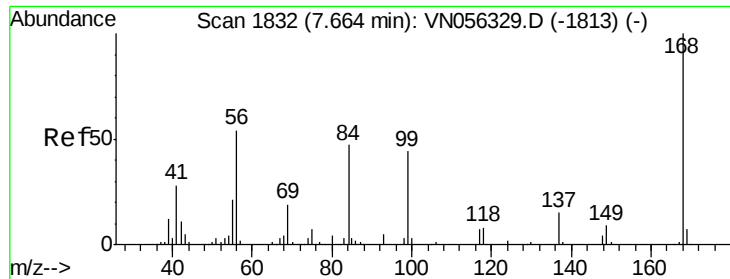
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 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: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

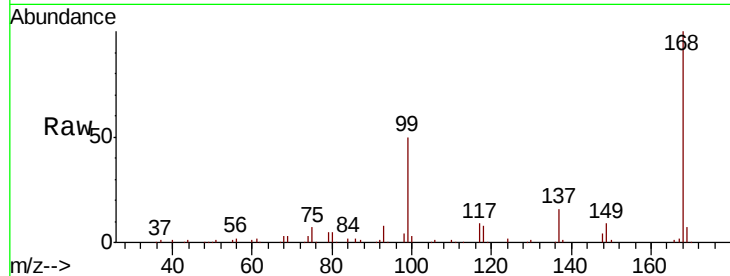
ClientSampled :

Tot Ion:168 Resp: 343329

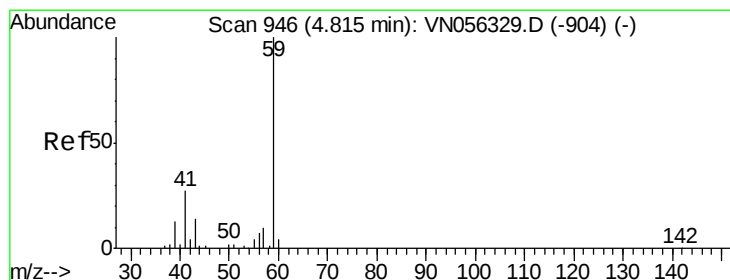
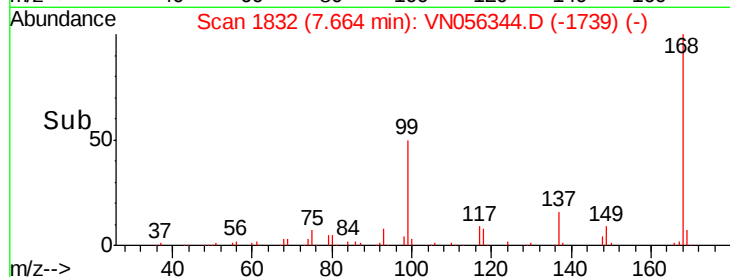
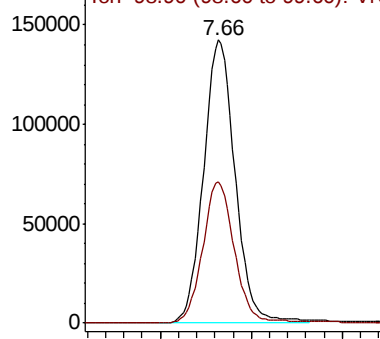
Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056329.D (-1813) (-)



#11

Tert butyl alcohol

Concen: 0.400 ug/l

RT: 4.81 min Scan# 944

Delta R.T. -0.01 min

Lab File: VN056344.D

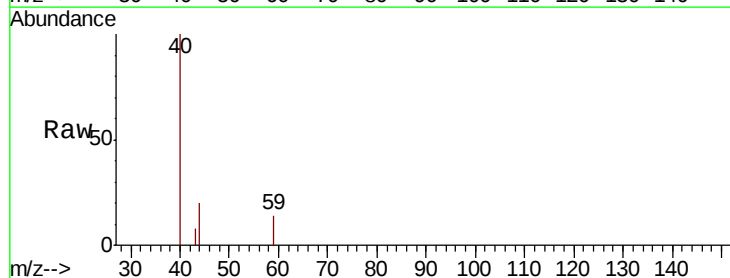
Acq: 17 Jun 2019 16:45

Tgt Ion: 59 Resp: 243

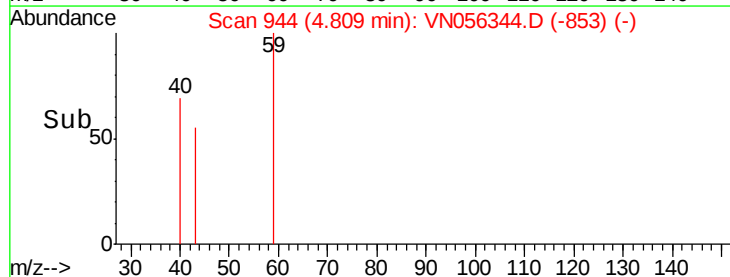
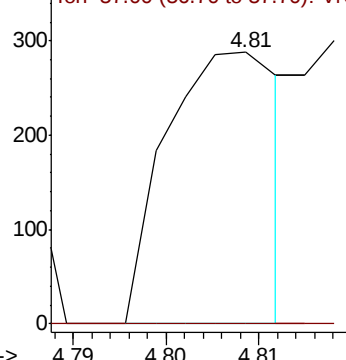
Ion Ratio Lower Upper

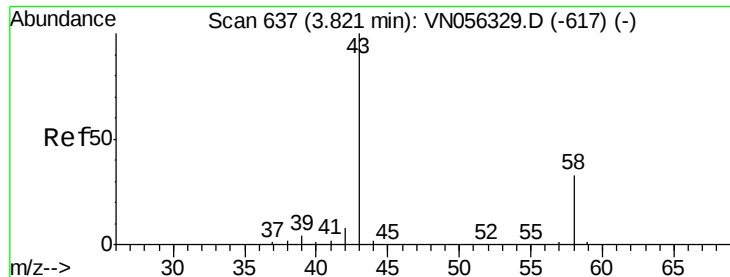
59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VN056329.D (-904) (-)





#16

Acetone

Concen: 9.971 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

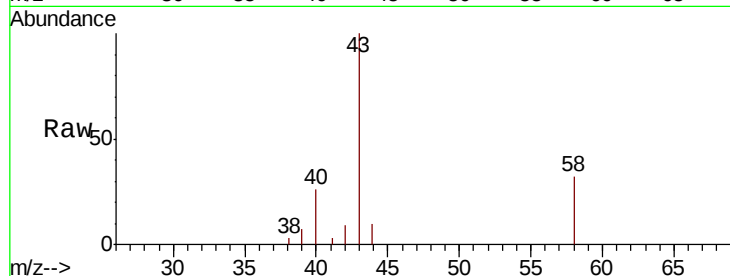
ClientSampled :

Tot Ion: 43 Resp: 21269

Ion Ratio Lower Upper

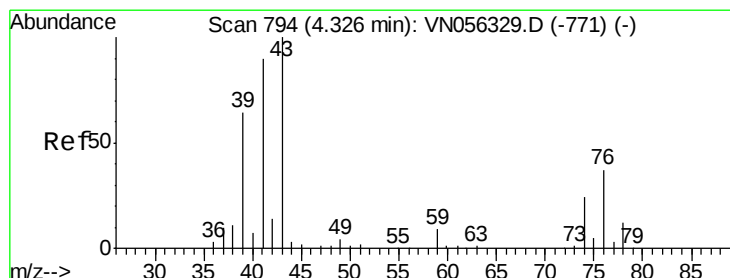
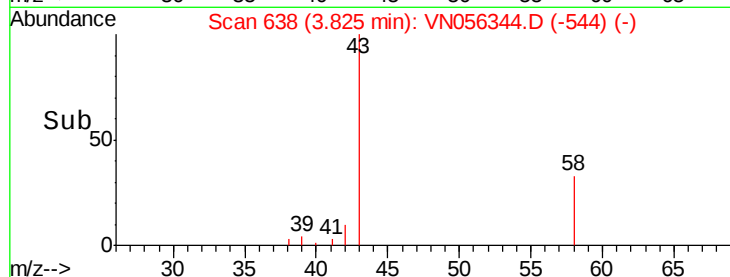
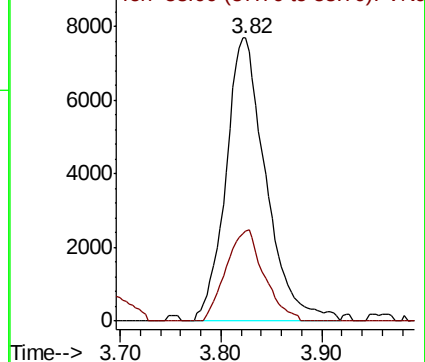
43 100

58 32.0 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056344.D

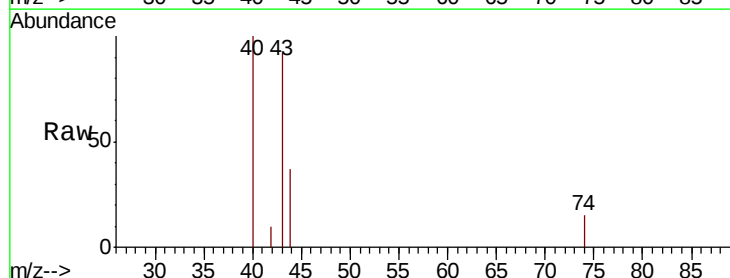
Acq: 17 Jun 2019 16:45

Tgt Ion: 43 Resp: 2342

Ion Ratio Lower Upper

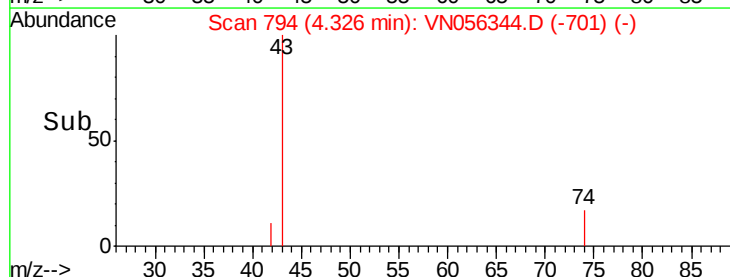
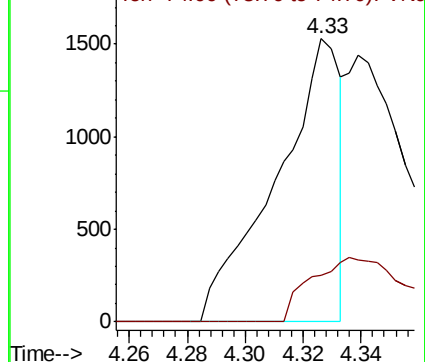
43 100

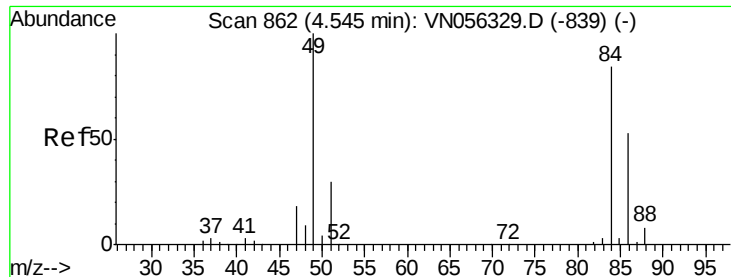
74 30.4 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

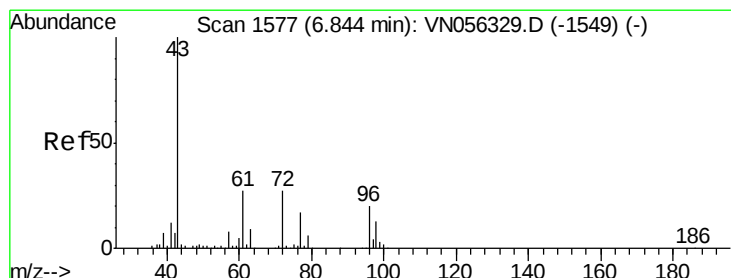
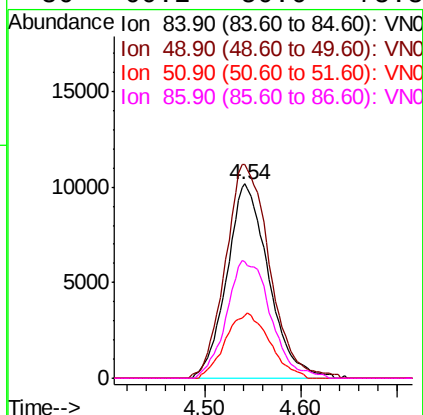
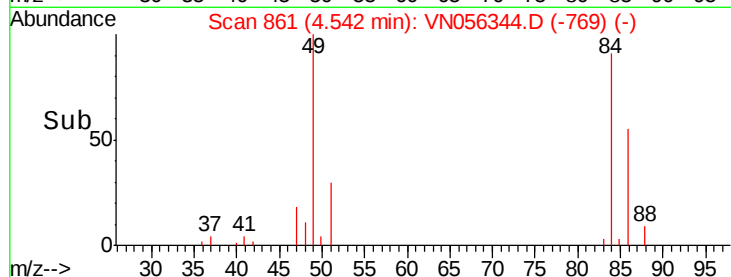
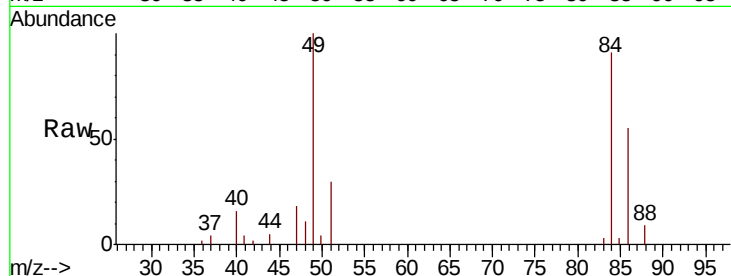




#20
Methvlene Chloride
Concen: 8.111 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056344.D
Acq: 17 Jun 2019 16:45

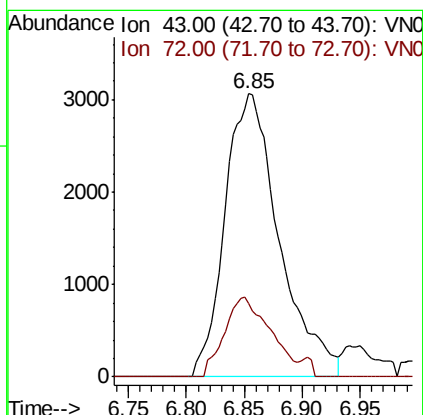
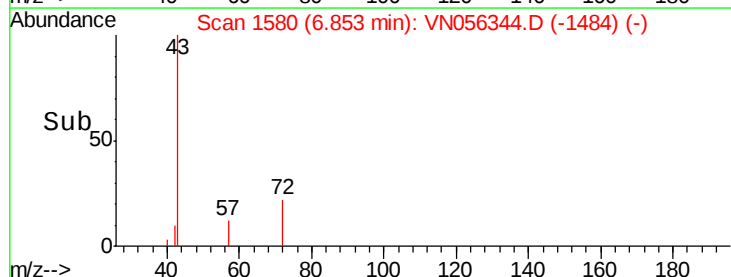
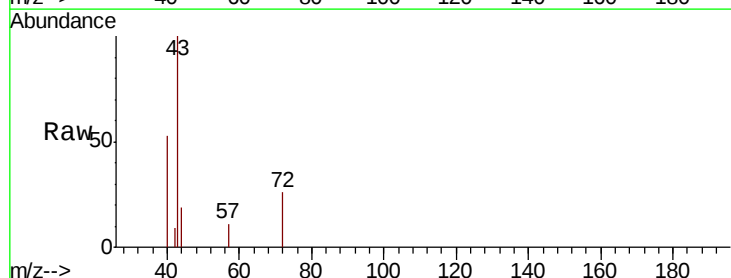
Instrument :
MSVOA_N
ClientSampleId :

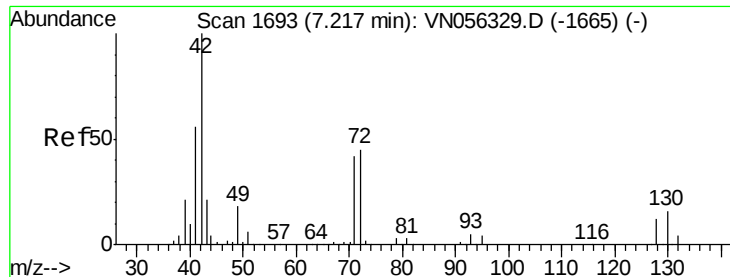
Tot Ion:	84	Resp:	30551
Ion	Ratio	Lower	Upper
84	100		
49	109.8	95.0	142.6
51	32.5	28.2	42.4
86	60.2	50.6	75.8



#25
2-Butanone
Concen: 3.856 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN056344.D
Acq: 17 Jun 2019 16:45

Tgt Ion:	43	Resp:	9970
Ion	Ratio	Lower	Upper
43	100		
72	26.1	21.4	32.2





#29

Tetrahydrofuran

Concen: 1.469 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

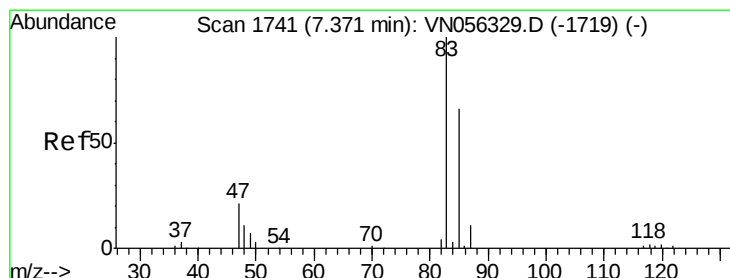
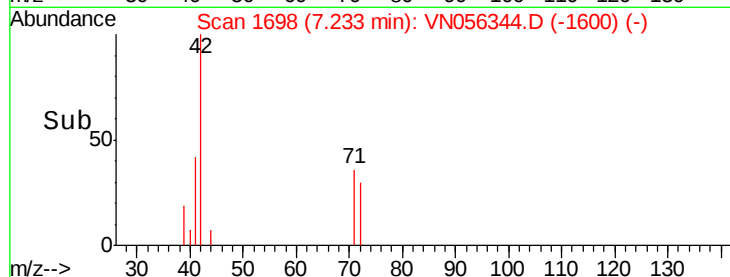
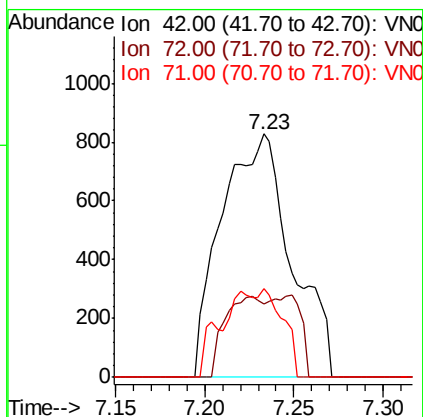
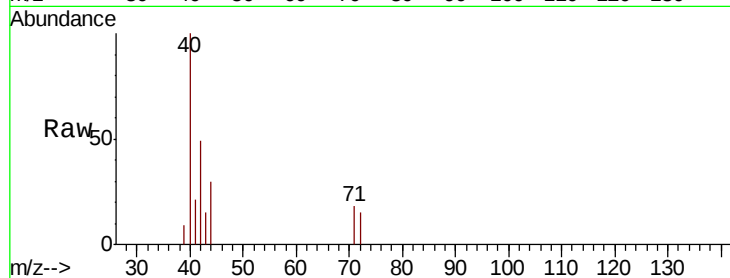
Tot Ion: 42 Resp: 2256

Ion Ratio Lower Upper

42 100

72 18.2 35.3 52.9#

71 6.3 32.7 49.1#



#30

Chloroform

Concen: 0.451 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN056344.D

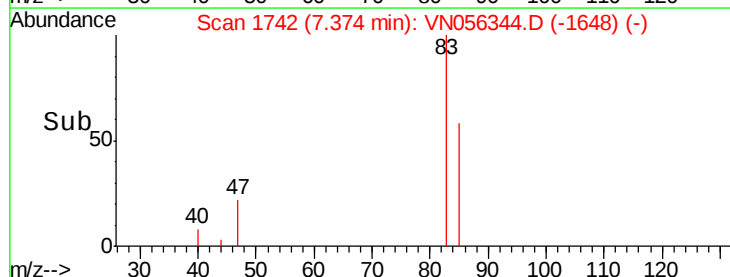
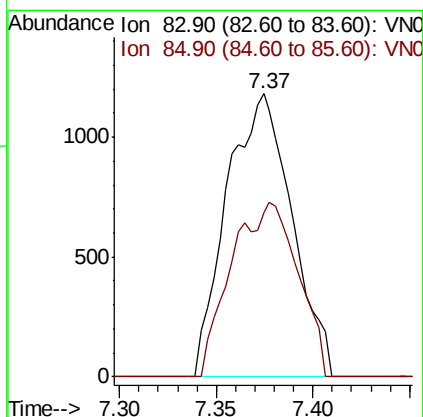
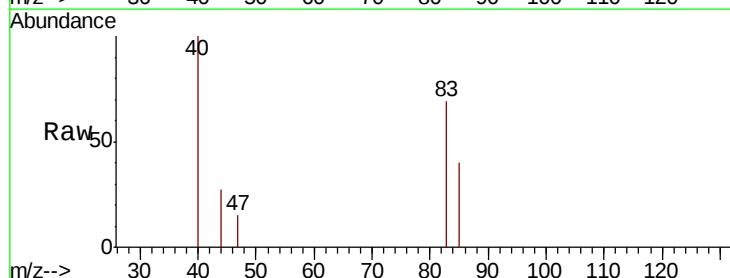
Acq: 17 Jun 2019 16:45

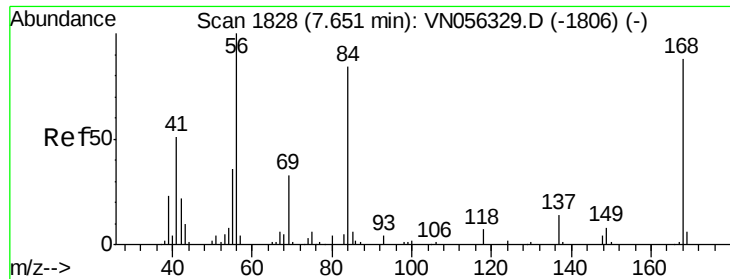
Tgt Ion: 83 Resp: 2765

Ion Ratio Lower Upper

83 100

85 57.9 52.6 78.8

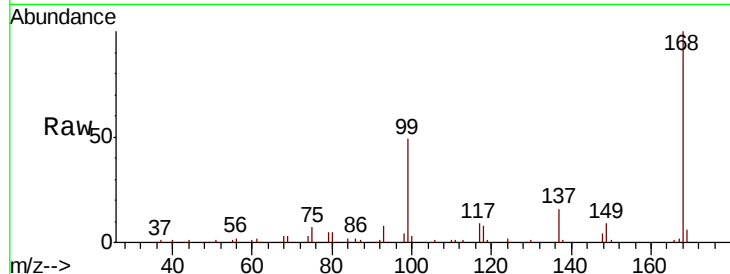




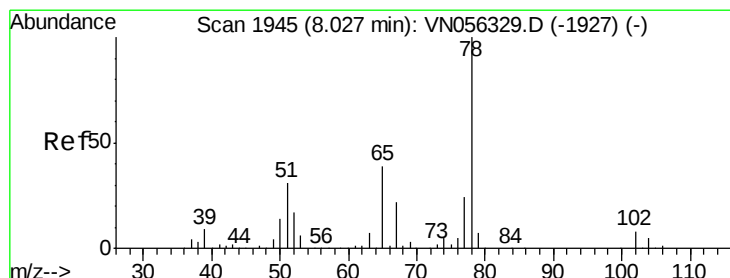
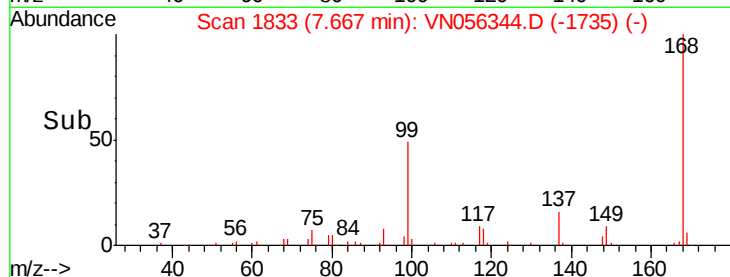
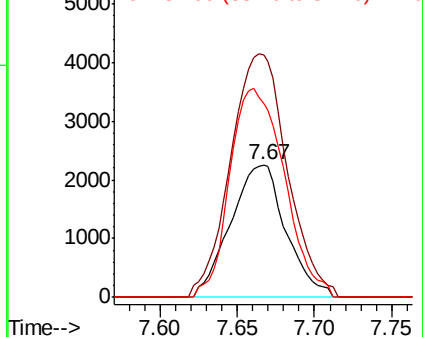
#31
Cyclohexane
Concen: 0.944 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056344.D
Acq: 17 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5617
Ion Ratio Lower Upper
56 100
69 183.0 26.0 39.0#
84 146.2 67.4 101.0#

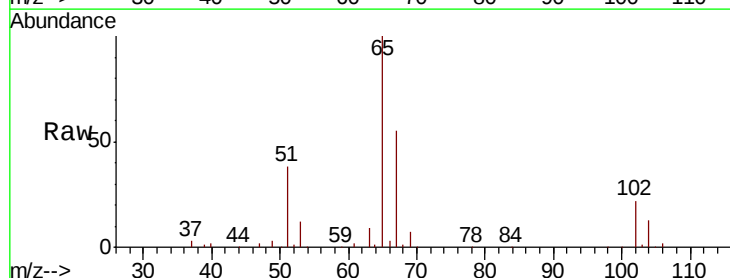


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

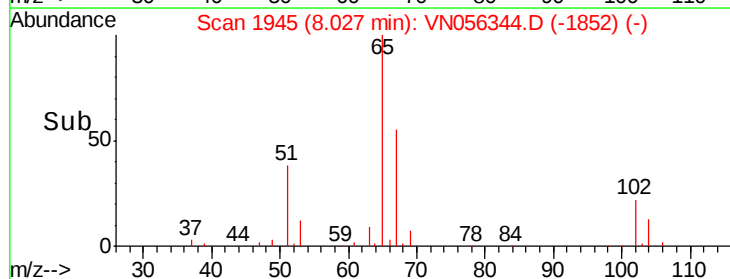
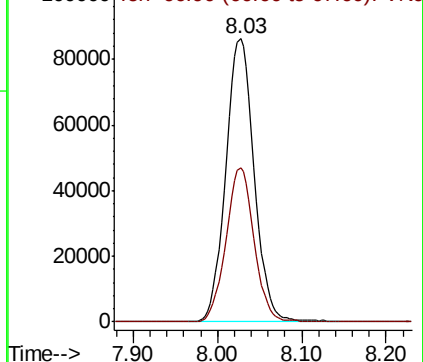


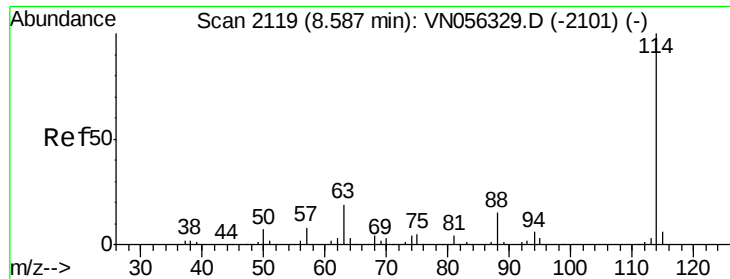
#33
1,2-Dichloroethane-d4
Concen: 52.282 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056344.D
Acq: 17 Jun 2019 16:45

Tgt Ion: 65 Resp: 201830
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.8



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

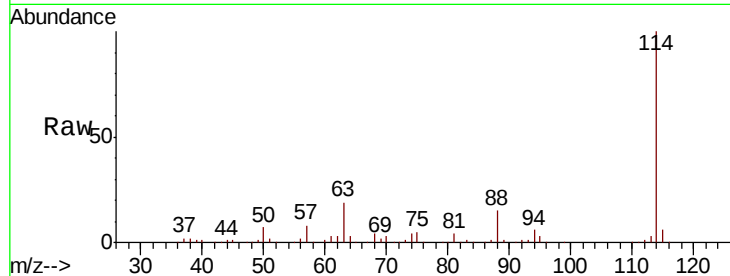




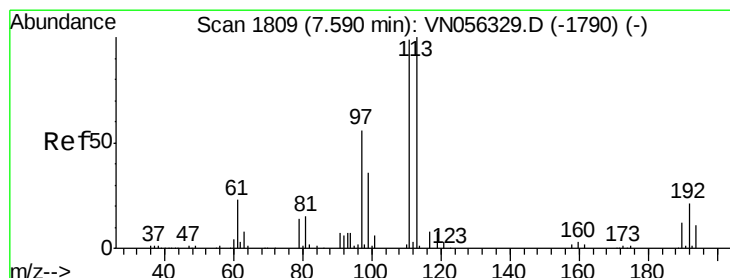
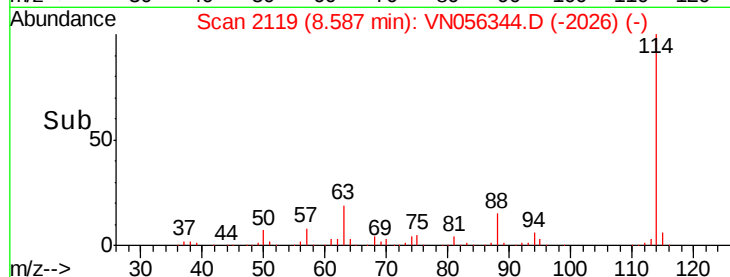
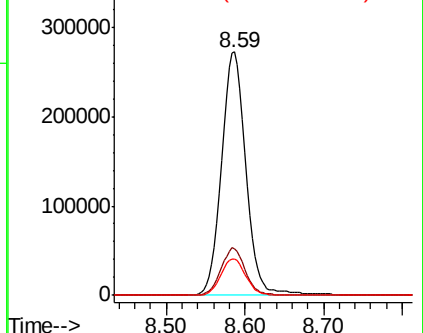
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056344.D
 Acq: 17 Jun 2019 16:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	15.1	0.0	30.6

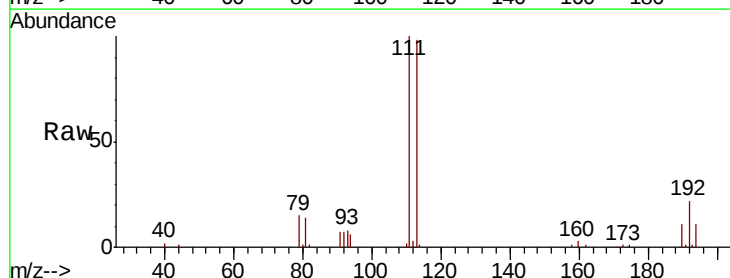


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

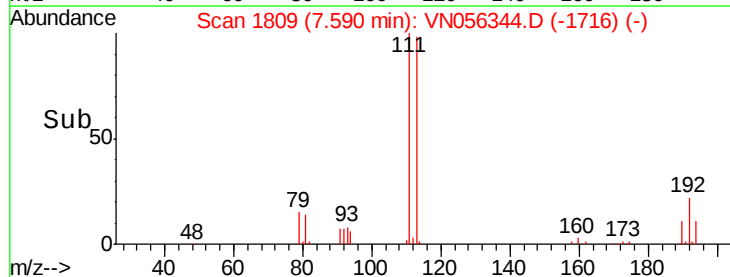
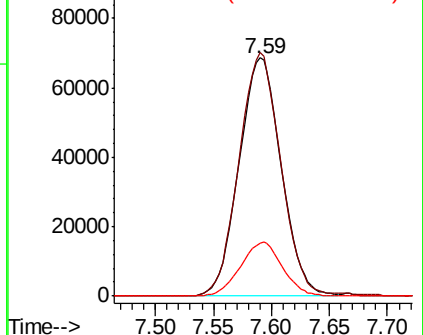


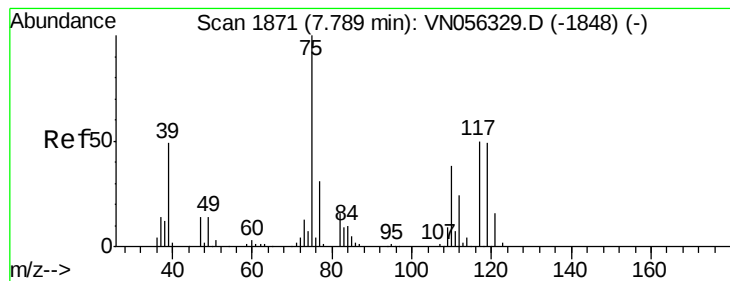
#35
 Dibromofluoromethane
 Concen: 46.462 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056344.D
 Acq: 17 Jun 2019 16:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	22.5	17.6	26.4



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: 4.183 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

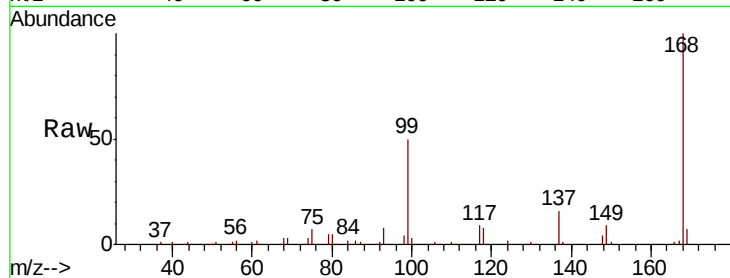
Tot Ion: 75 Resp: 21964

Ion Ratio Lower Upper

75 100

110 10.0 18.6 56.0#

77 0.0 25.0 37.6#

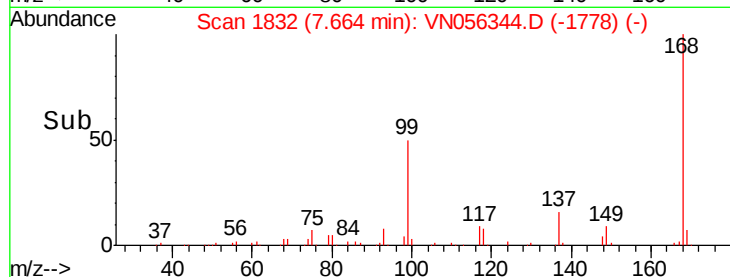


Abundance Ion 74.90 (74.60 to 75.60): VN056329.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN056329.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN056329.D (-1848) (-)

Time-->

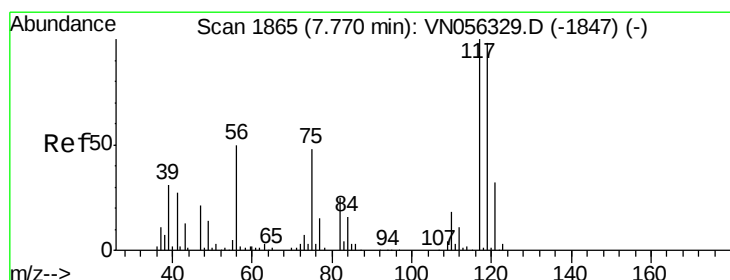


Abundance Ion 74.90 (74.60 to 75.60): VN056344.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN056344.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN056344.D (-1778) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.937 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

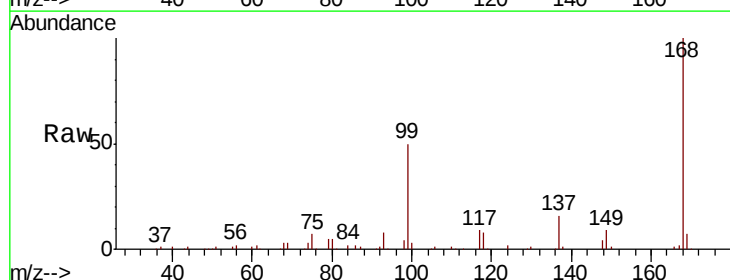
Tgt Ion: 117 Resp: 29923

Ion Ratio Lower Upper

117 100

119 5.7 77.8 116.8#

121 0.0 25.3 37.9#

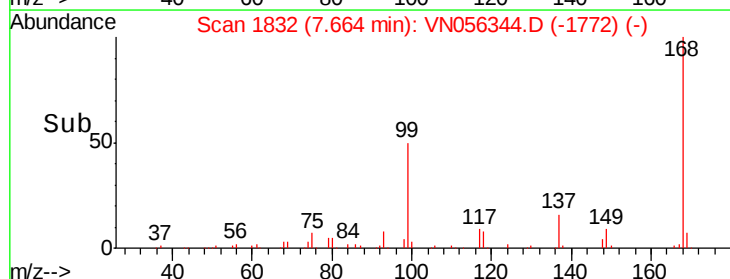


Abundance Ion 116.80 (116.50 to 117.50): VN056329.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN056329.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN056329.D (-1847) (-)

Time-->

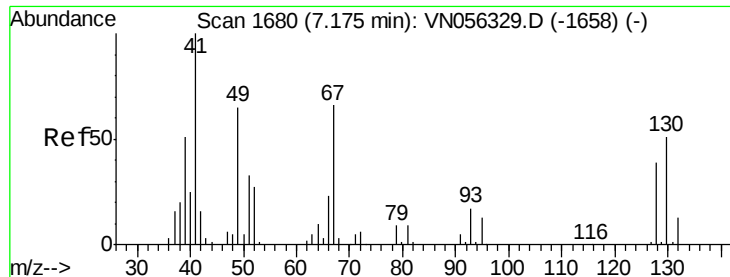


Abundance Ion 116.80 (116.50 to 117.50): VN056344.D (-1772) (-)

Ion 118.80 (118.50 to 119.50): VN056344.D (-1772) (-)

Ion 120.80 (120.50 to 121.50): VN056344.D (-1772) (-)

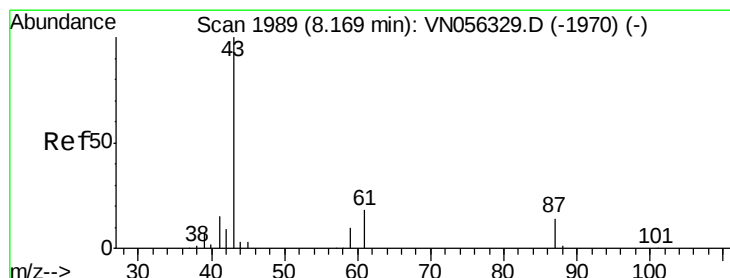
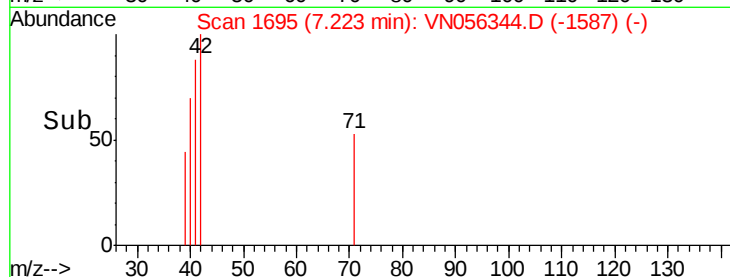
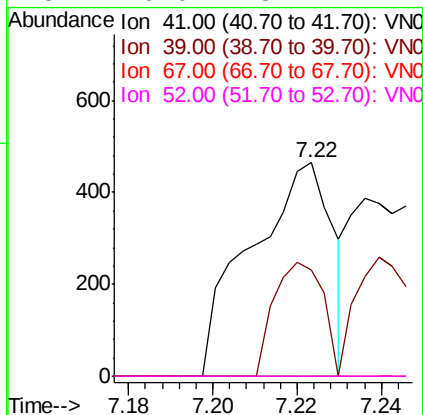
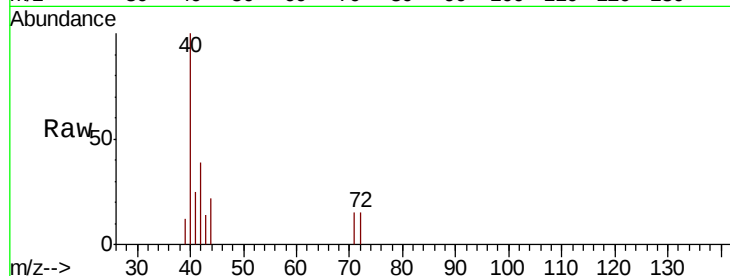
Time-->



#41
Methacrylonitrile
Concen: 0.274 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN056344.D
Acq: 17 Jun 2019 16:45

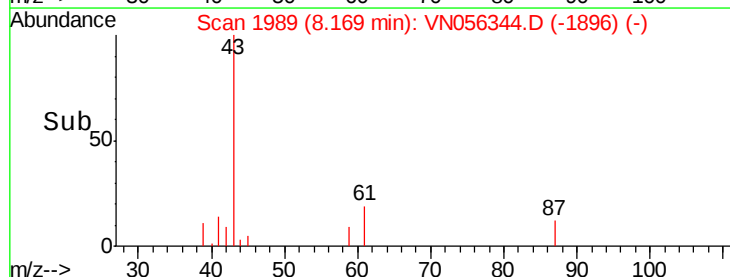
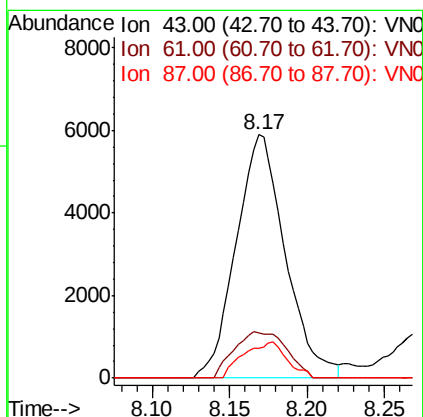
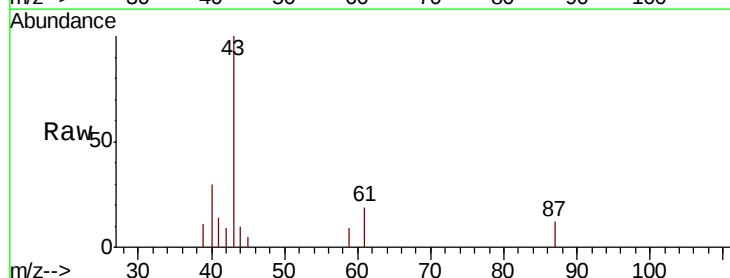
Instrument :
MSVOA_N
ClientSampleId :

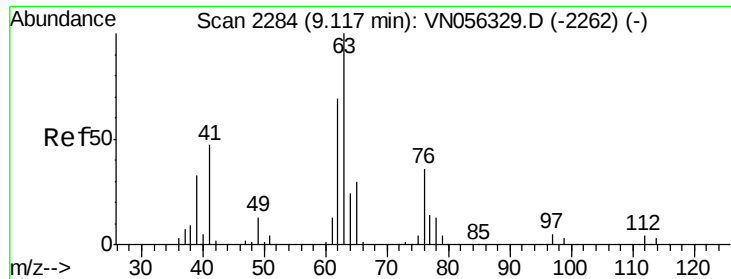
Tot Ion: 41 Resp: 625
Ion Ratio Lower Upper
41 100
39 31.7 44.5 66.7#
67 0.0 69.0 103.4#
52 0.0 28.1 42.1#



#43
Isopropyl Acetate
Concen: 1.639 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN056344.D
Acq: 17 Jun 2019 16:45

Tgt Ion: 43 Resp: 13044
Ion Ratio Lower Upper
43 100
61 20.3 16.6 25.0
87 13.0 11.0 16.4

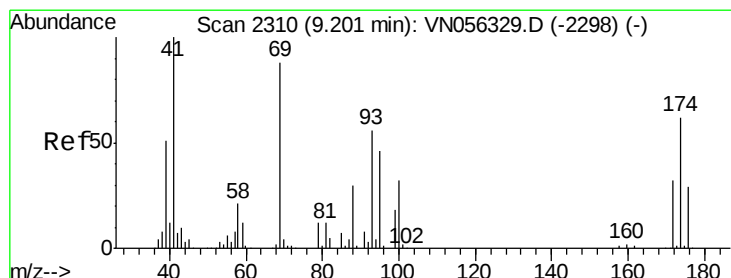
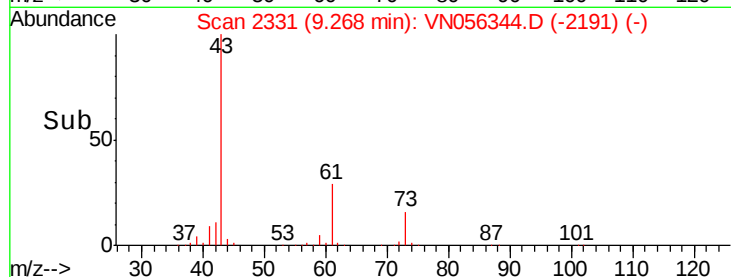
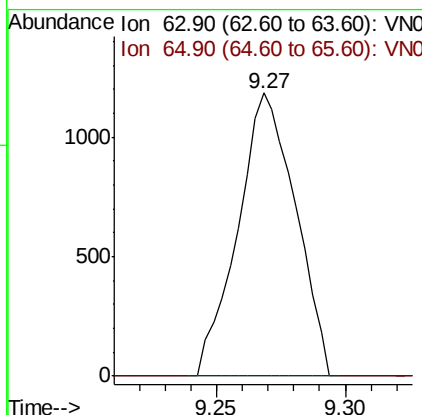
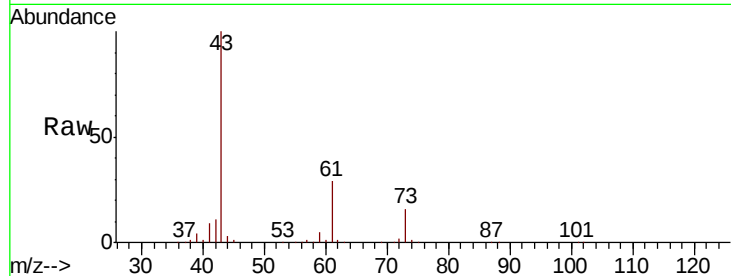




#45
 1,2-Dichloropropane
 Concen: 0.440 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056344.D
 Acq: 17 Jun 2019 16:45

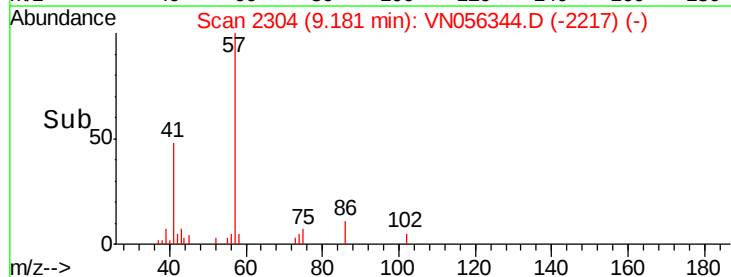
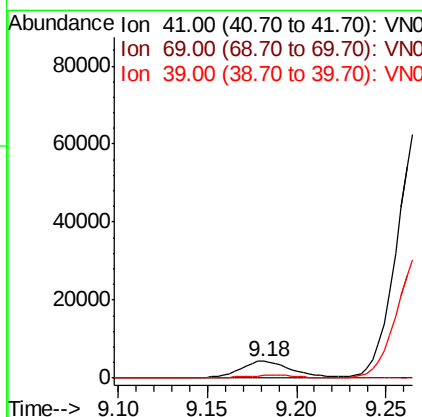
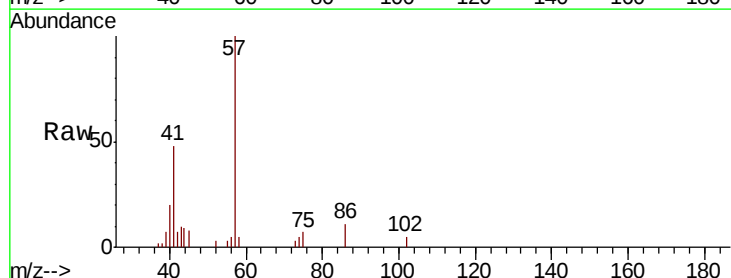
Instrument :
 MSVOA_N
 ClientSampled :

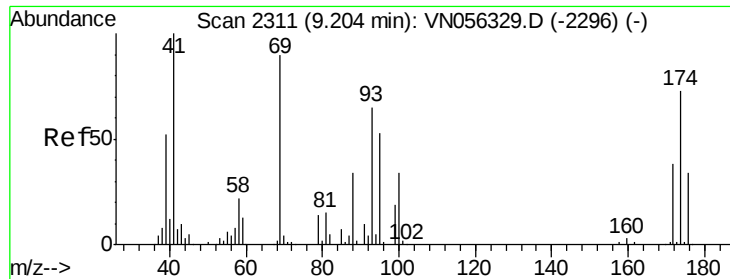
Tot Ion: 63 Resp: 1854
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 2.204 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN056344.D
 Acq: 17 Jun 2019 16:45

Tgt Ion: 41 Resp: 8852
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 41.7 62.5#





#49

1,4-Dioxane

Concen: 2.493 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampleId :

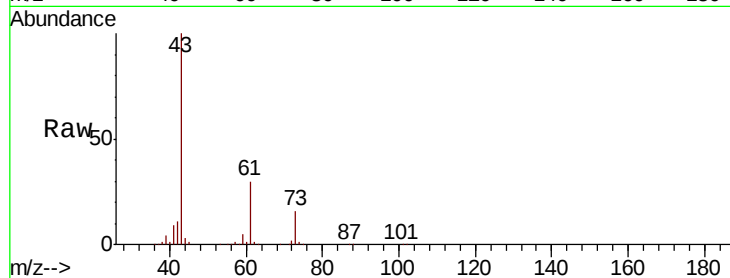
Tot Ion: 88 Resp: 202

Ion Ratio Lower Upper

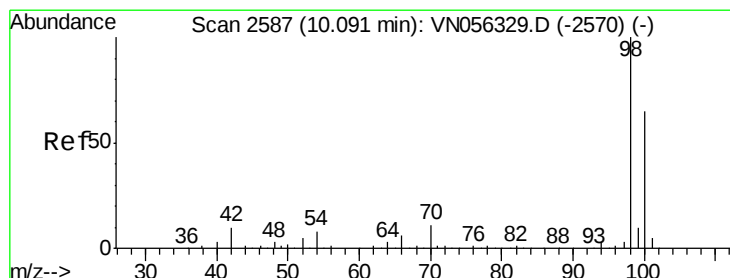
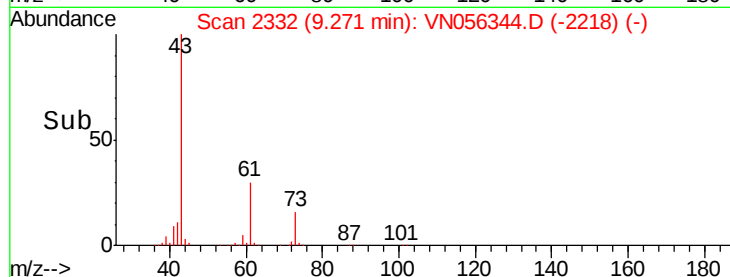
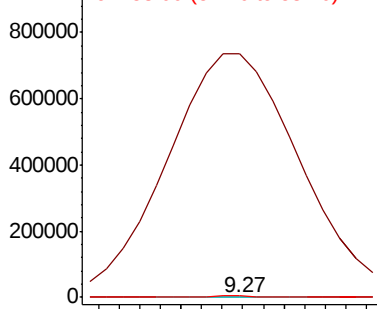
88 100

43 681584.2 21.9 32.9#

58 3151.5 57.3 85.9#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.120 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056344.D

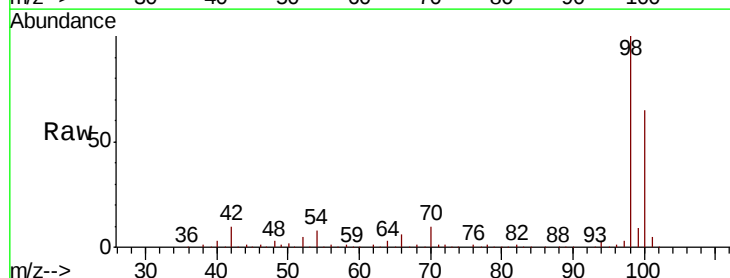
Acq: 17 Jun 2019 16:45

Tgt Ion: 98 Resp: 730759

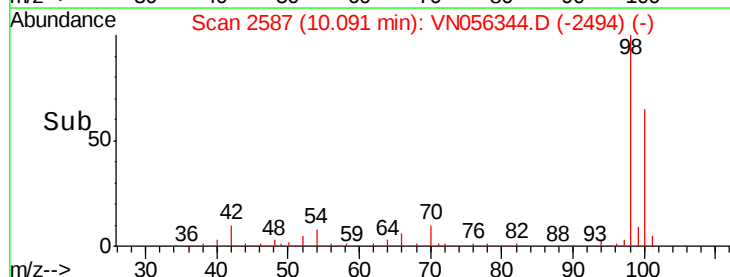
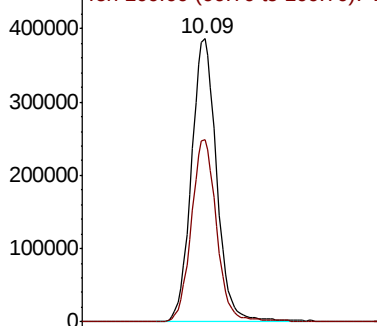
Ion Ratio Lower Upper

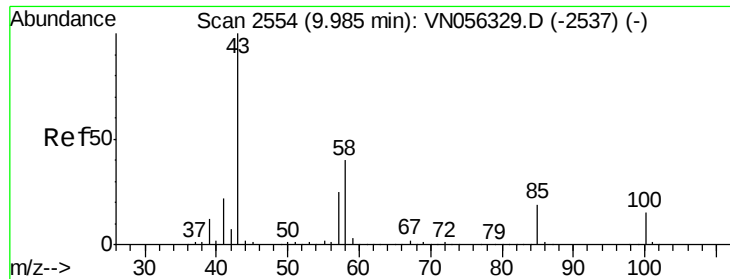
98 100

100 64.6 51.6 77.4



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: 1.054 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

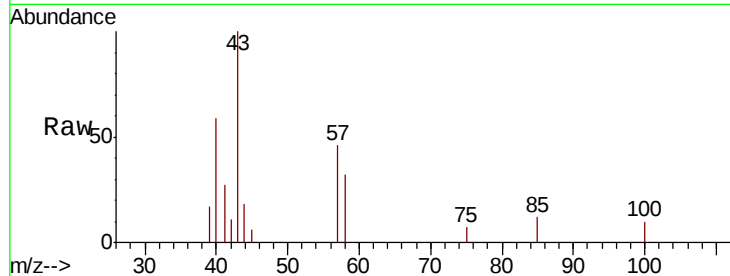
ClientSampleId :

Tot Ion: 43 Resp: 5346

Ion Ratio Lower Upper

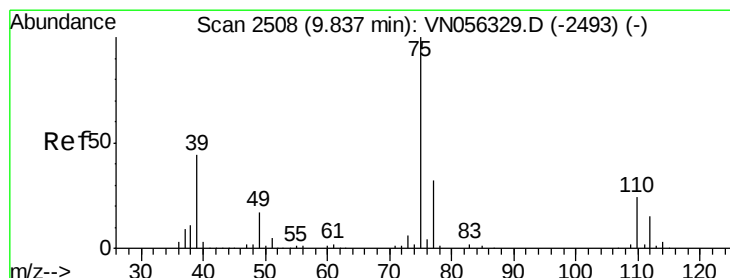
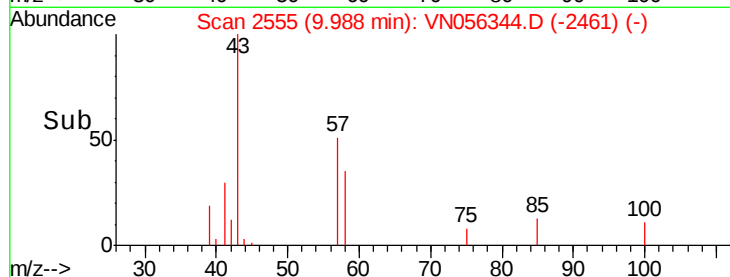
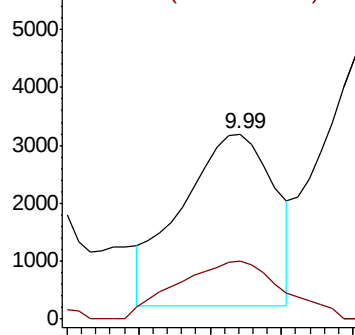
43 100

58 38.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 8.859 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

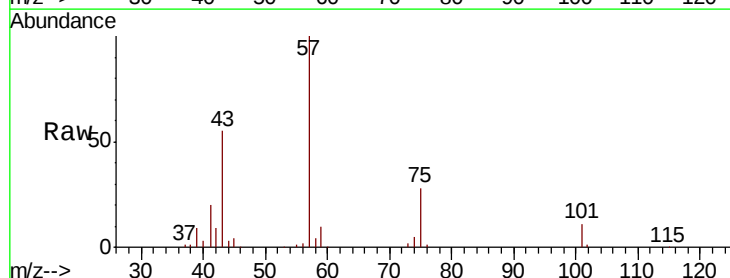
Tgt Ion: 75 Resp: 54227

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

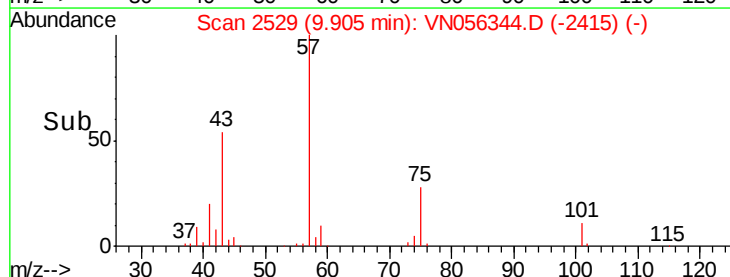
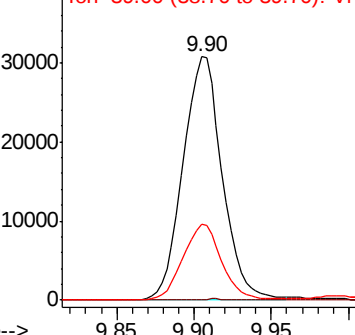
39 31.0 35.4 53.0#

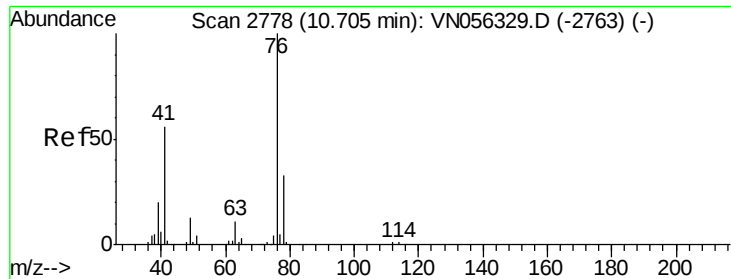


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.834 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

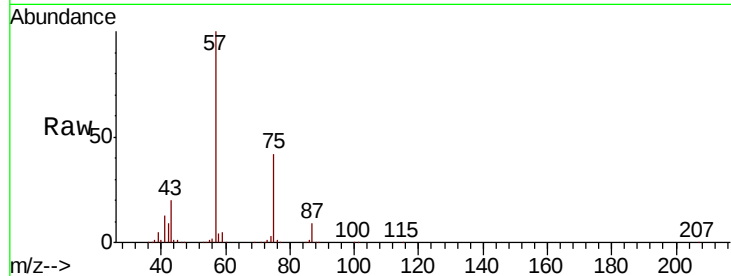
ClientSampleId :

Tot Ion: 76 Resp: 12346

Ion Ratio Lower Upper

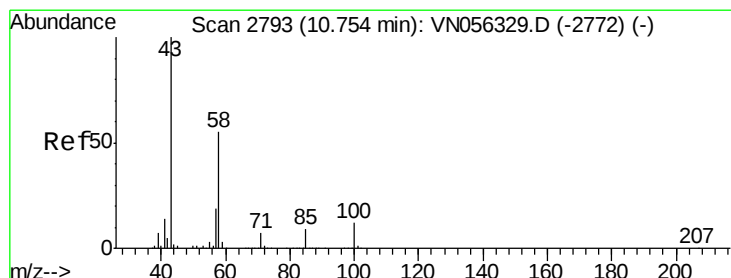
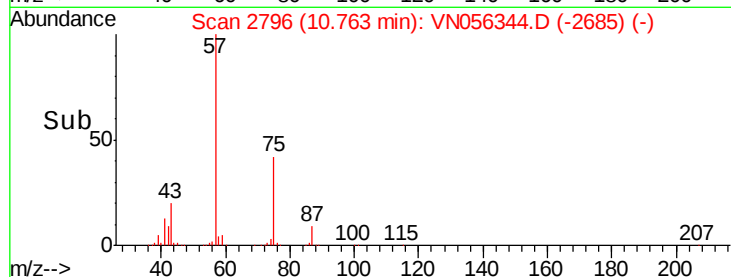
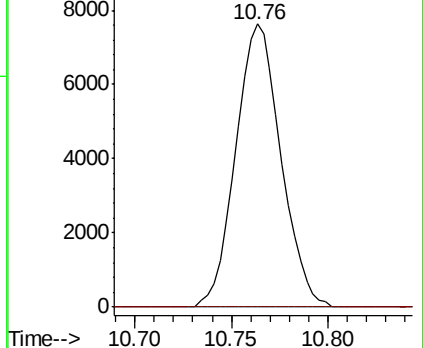
76 100

78 0.0 26.2 39.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 44.986 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056344.D

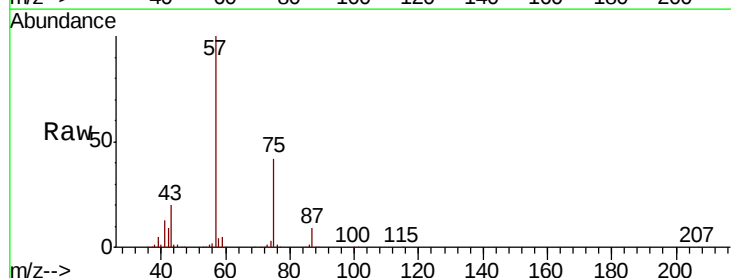
Acq: 17 Jun 2019 16:45

Tgt Ion: 43 Resp: 169263

Ion Ratio Lower Upper

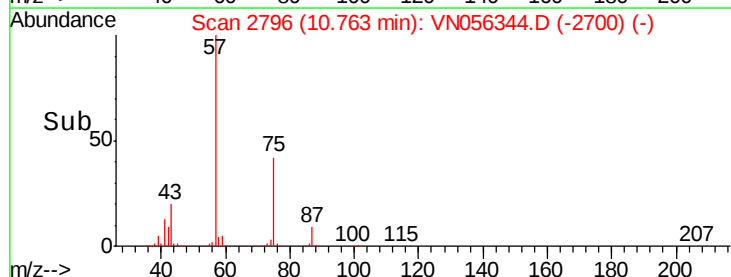
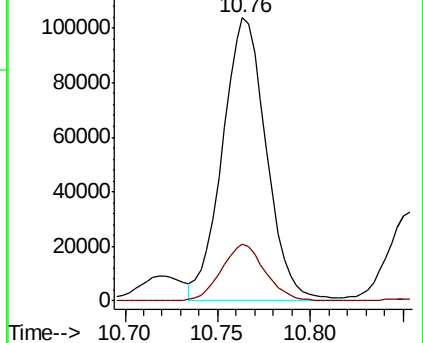
43 100

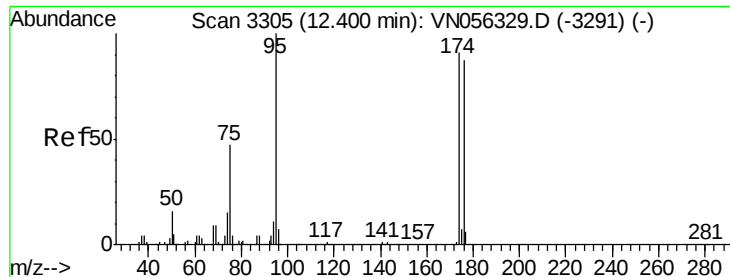
58 20.3 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.756 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampleId :

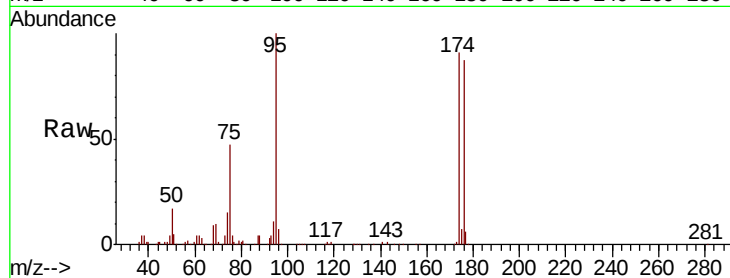
Tot Ion: 95 Resp: 249907

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.6

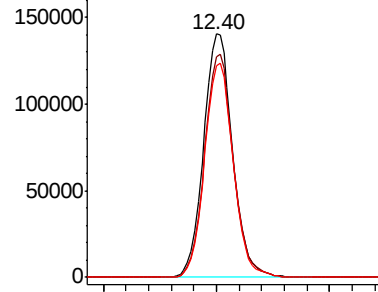
176 87.5 0.0 176.8



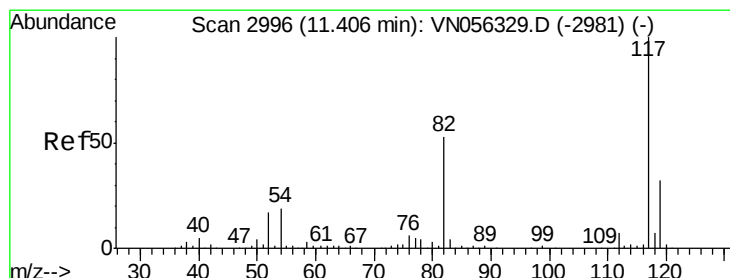
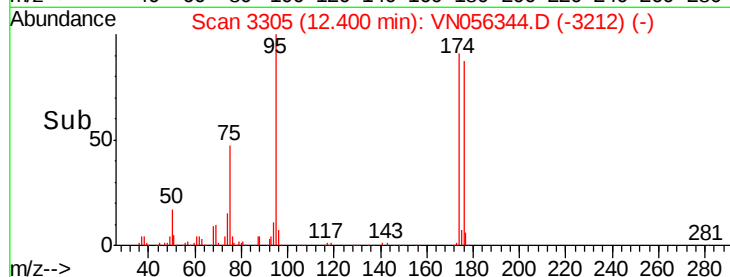
Abundance Ion 94.90 (94.60 to 95.60): VN056329.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056329.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056329.D (-3291) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

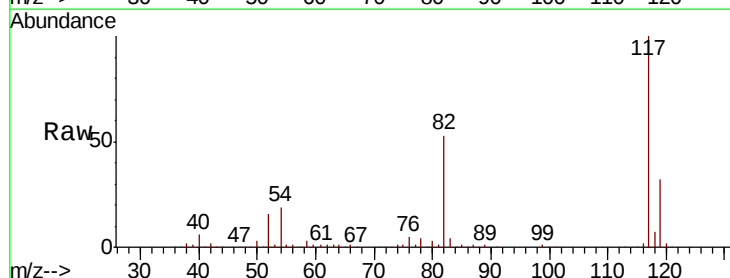
Tgt Ion: 117 Resp: 600026

Ion Ratio Lower Upper

117 100

82 53.3 42.4 63.6

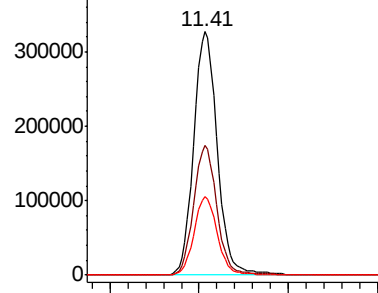
119 32.2 26.0 39.0



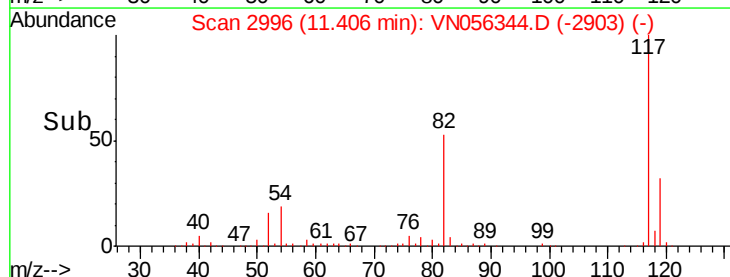
Abundance Ion 116.90 (116.60 to 117.60): VN056329.D (-2981) (-)

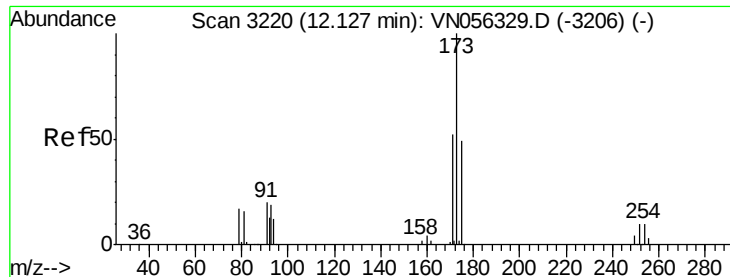
Ion 82.00 (81.70 to 82.70): VN056329.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056329.D (-2981) (-)



Time-->

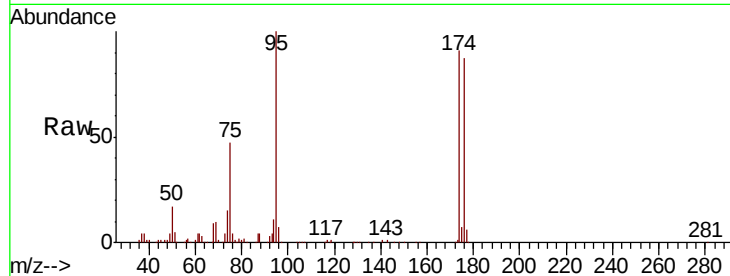




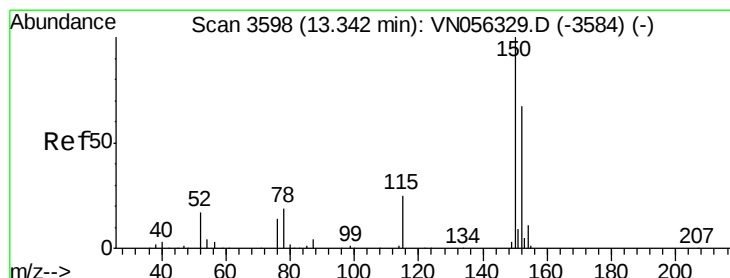
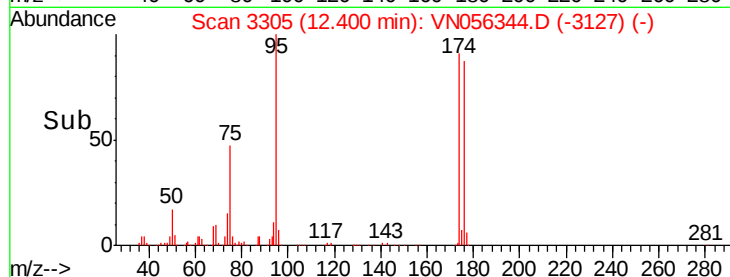
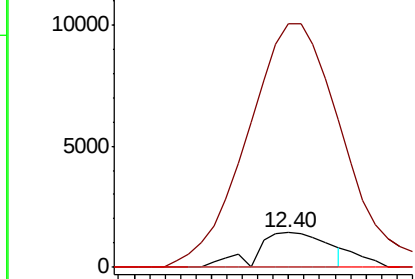
#71
Bromoform
Concen: 0.521 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056344.D
Acq: 17 Jun 2019 16:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 1841
Ion Ratio Lower Upper
173 100
175 802.8 24.3 73.0#
254 0.0 0.0 0.0

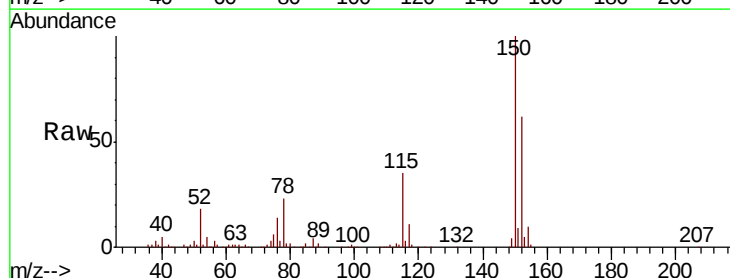


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

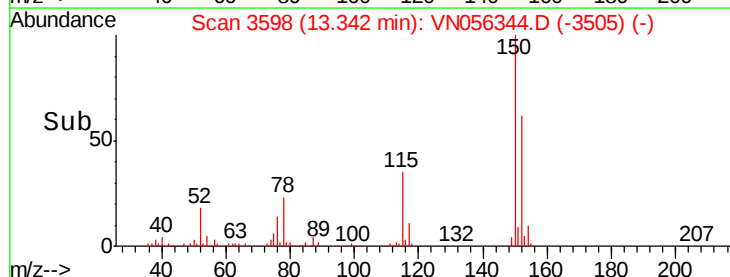
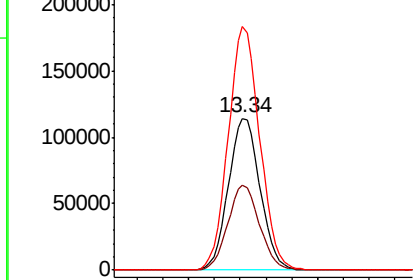


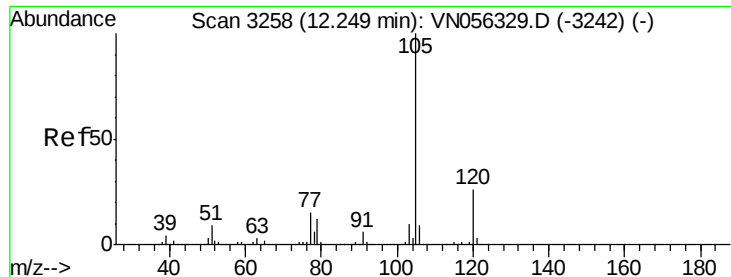
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056344.D
Acq: 17 Jun 2019 16:45

Tgt Ion:152 Resp: 193982
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.3
150 159.5 0.0 345.8



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: 12.40 min Scan# 3304

Delta R.T. 0.15 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

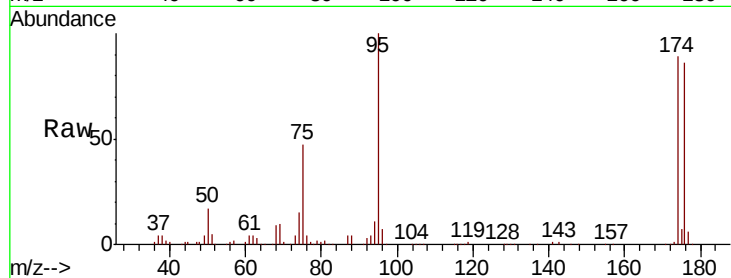
ClientSampled :

Tot Ion: 105 Resp: 228

Ion Ratio Lower Upper

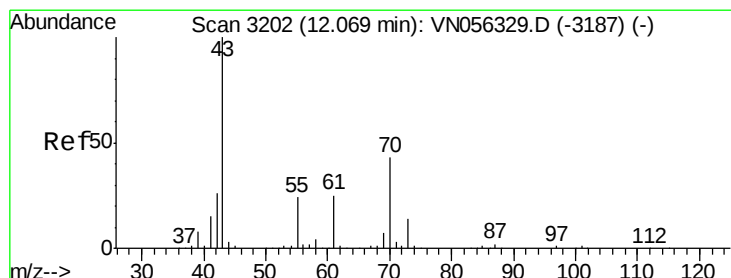
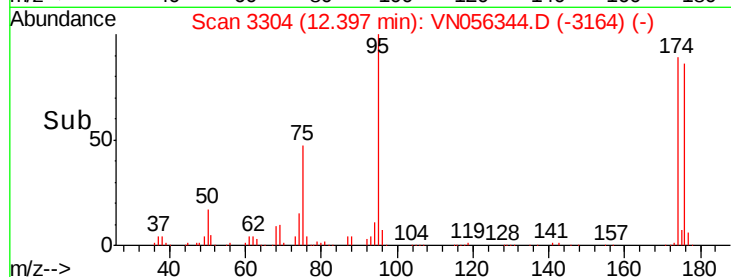
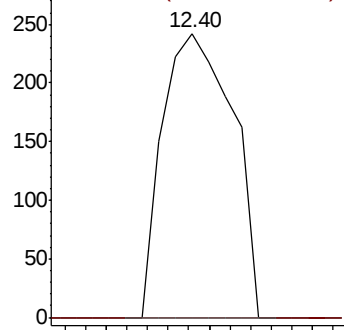
105 100

120 0.0 13.3 39.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.207 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Tgt Ion: 43 Resp: 1261

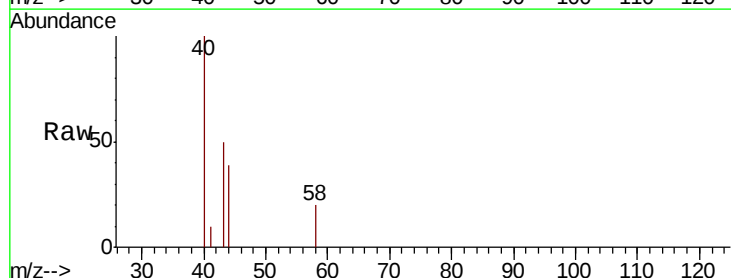
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.2#

55 0.0 19.9 29.9#

61 0.0 19.7 29.5#

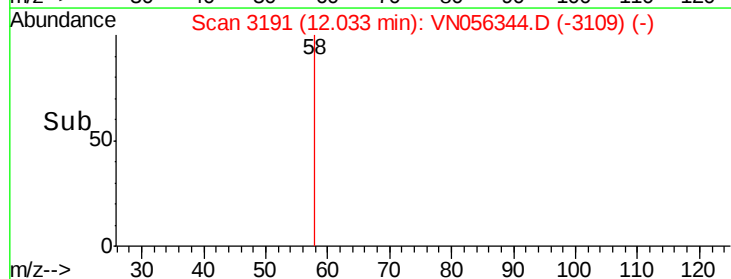
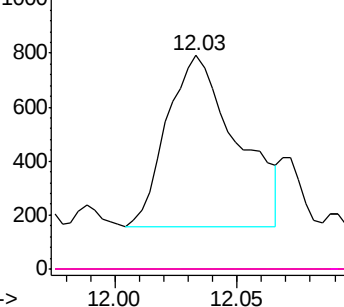


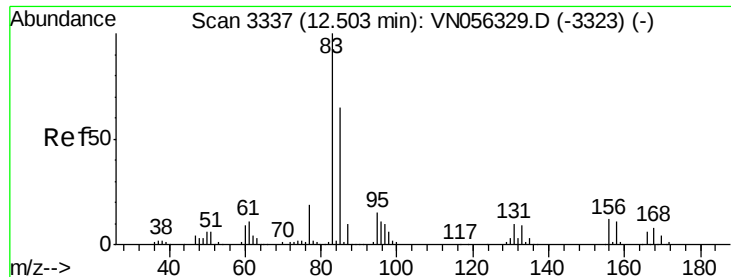
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

ClientSampled :

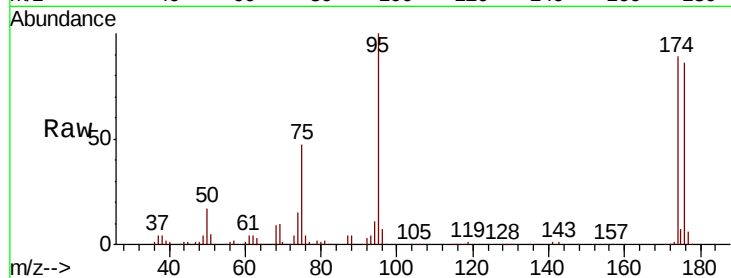
Tot Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

131 389.2 5.3 15.8#

85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.40

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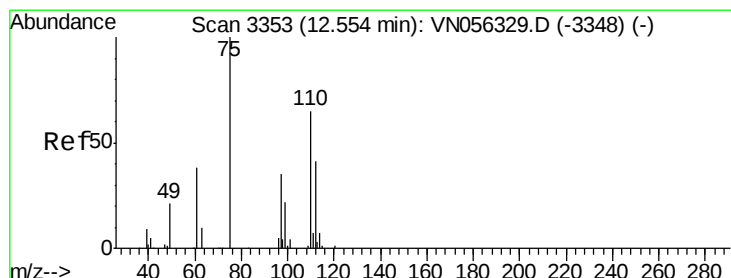
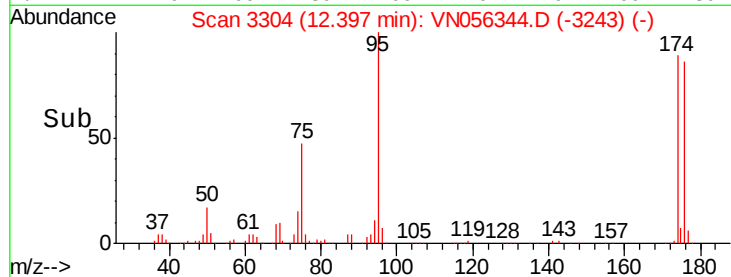
12.38 12.39 12.40 12.41 12.42

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12.38 12.39 12.40 12.41 12.42



#76

1,2,3-Trichloropropane

Concen: 28.050 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056344.D

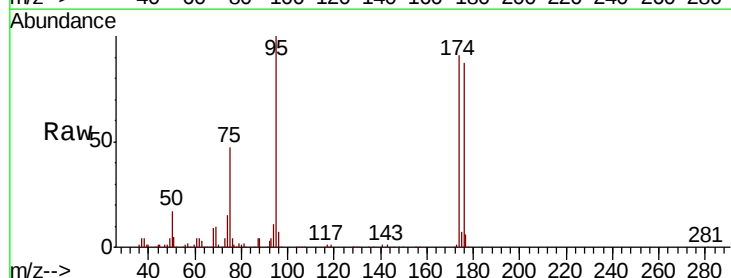
Acq: 17 Jun 2019 16:45

Tgt Ion: 75 Resp: 116253

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

12.40

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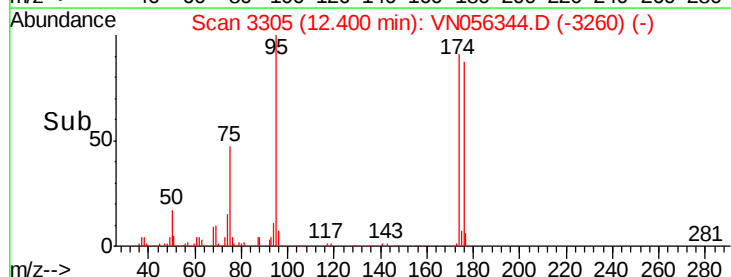
12.38 12.39 12.40 12.41 12.42

12.38 12.39 12.40 12.41 12.42

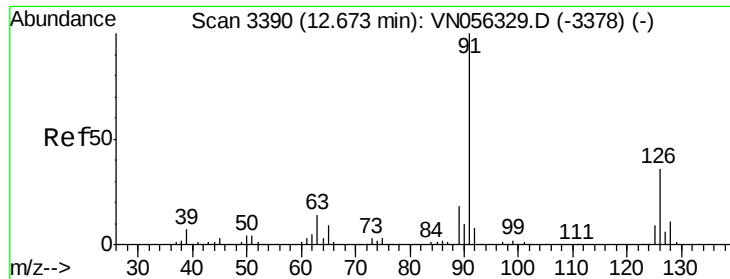
12.38 12.39 12.40 12.41 12.42

12.38 12.39 12.40 12.41 12.42

12.38 12.39 12.40 12.41 12.42



Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_N

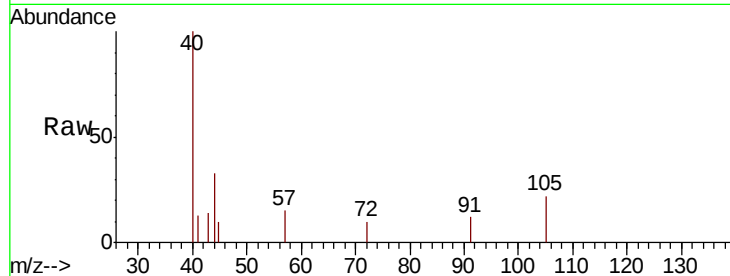
ClientSampleId :

Tot Ion: 91 Resp: 259

Ion Ratio Lower Upper

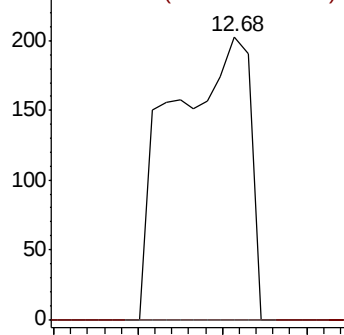
91 100

126 0.0 18.0 54.0#

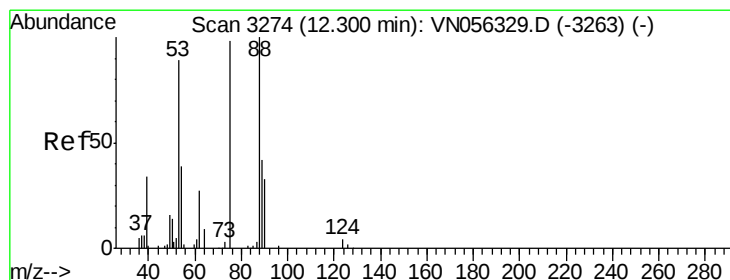
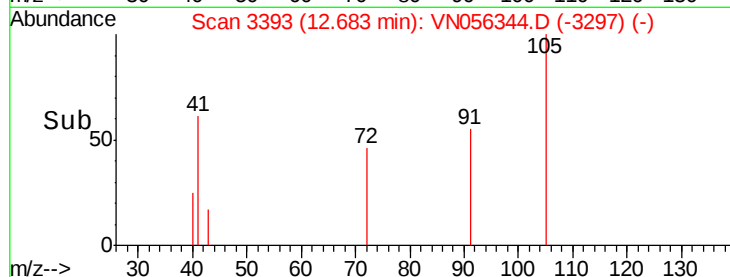


Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): V



Time--> 12.64 12.66 12.68 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 87.149 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056344.D

Acq: 17 Jun 2019 16:45

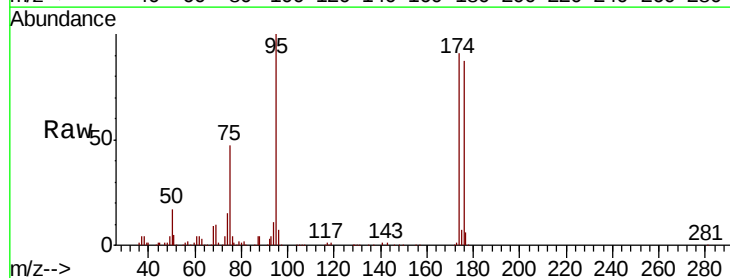
Tgt Ion: 75 Resp: 116253

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

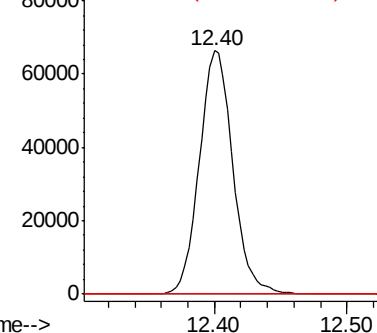
89 0.0 35.4 53.2#



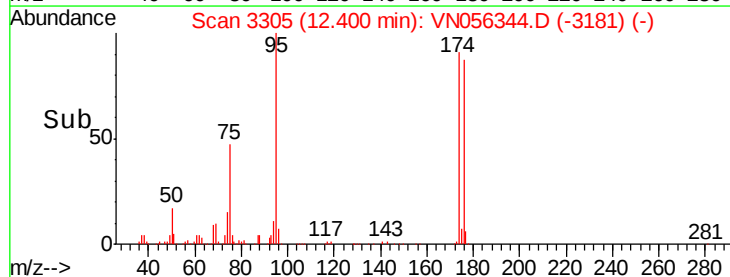
Abundance Ion 74.90 (74.60 to 75.60): VNO

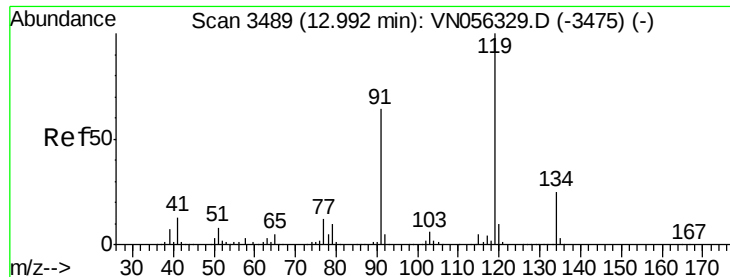
Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time--> 12.40 12.50

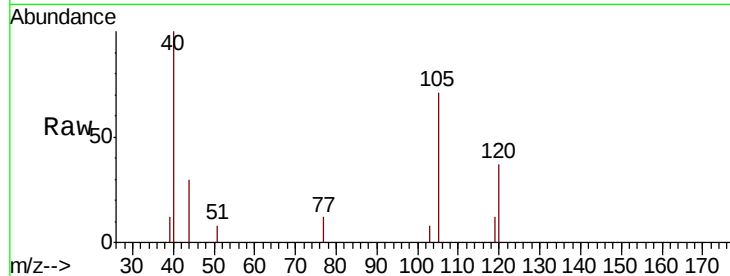




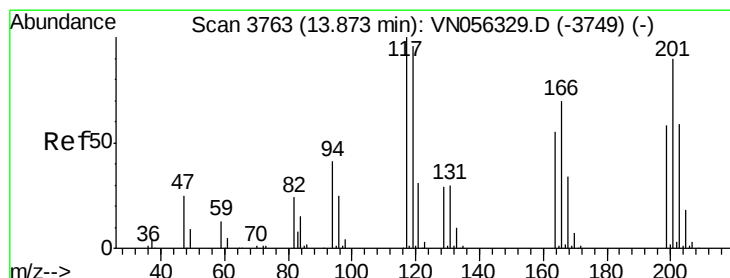
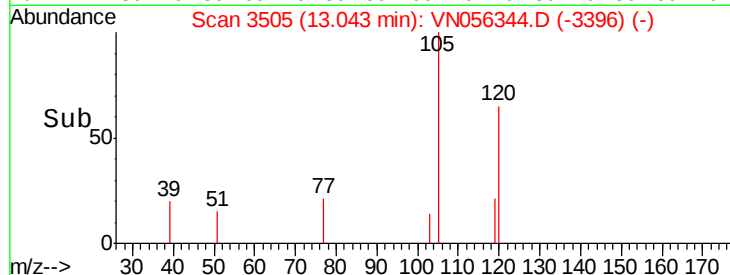
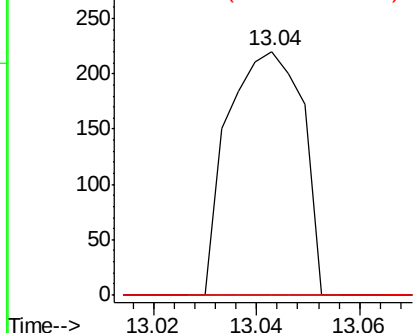
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN056344.D
 Acq: 17 Jun 2019 16:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 219
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.5 94.5#
 134 0.0 13.6 40.7#

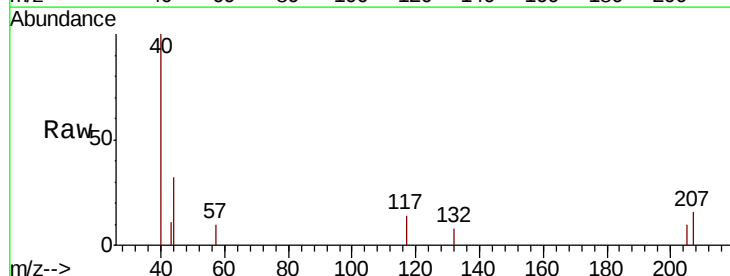


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

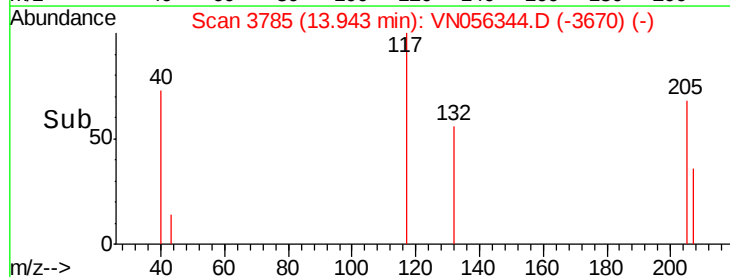
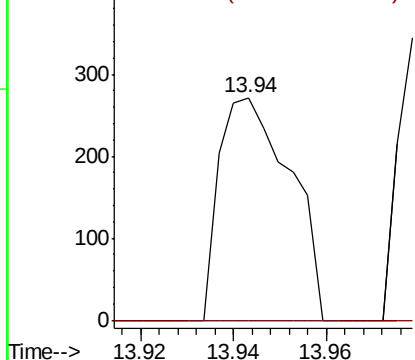


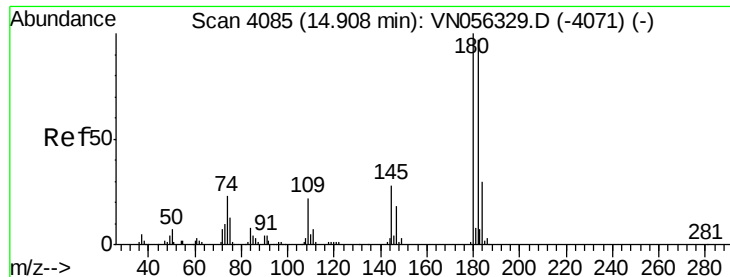
#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.94 min Scan# 3785
 Delta R.T. 0.07 min
 Lab File: VN056344.D
 Acq: 17 Jun 2019 16:45

Tgt Ion:117 Resp: 290
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.8 137.3#



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

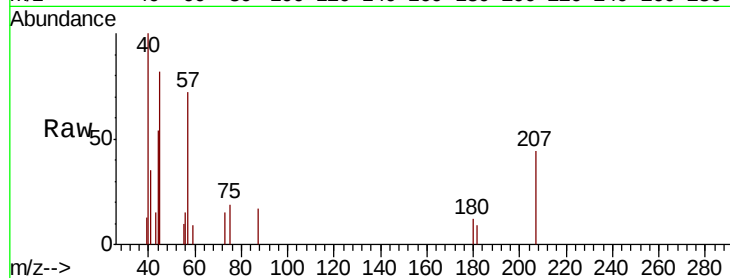




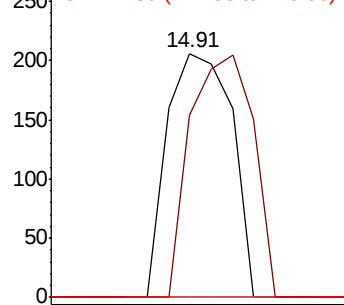
#93
 1,2,4-Trichlorobenzene
 Concen: 5.343 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN056344.D
 Acq: 17 Jun 2019 16:45

Instrument :
 MSVOA_N
 ClientSampled :

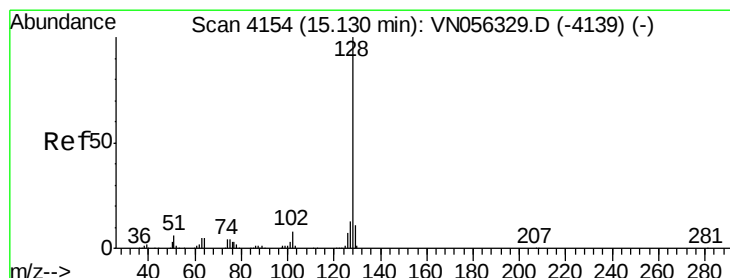
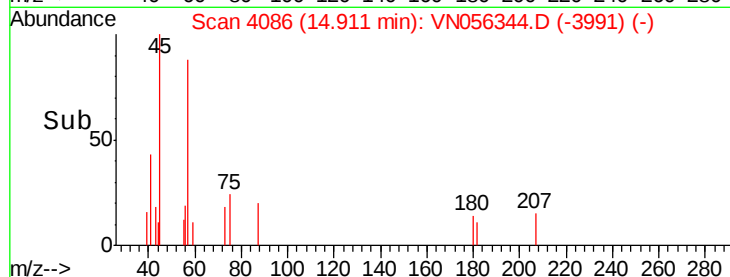
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.3
145	0.0	14.0	41.9#



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

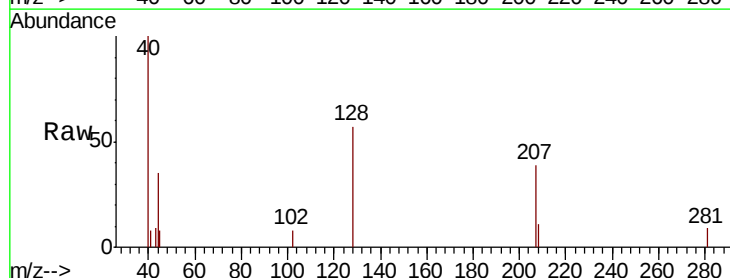


Time-->

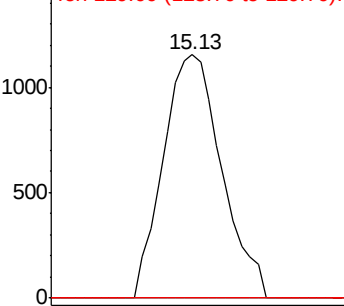


#95
 Naphthalene
 Concen: 4.846 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056344.D
 Acq: 17 Jun 2019 16:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	12.8#



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



Time-->

