

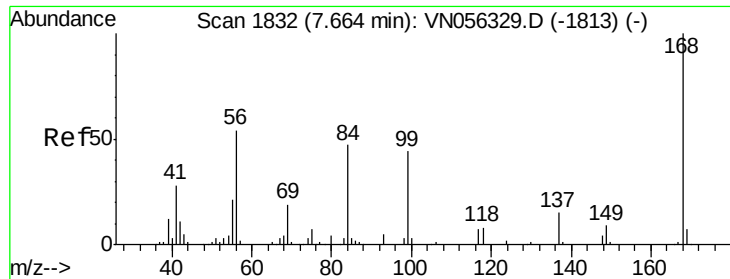
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056347.D
 Acq On : 17 Jun 2019 17:57
 Operator : JC/SP
 Sample : K3366-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 04:38:01 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	7.67	168	340621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	564293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	221188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192311	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.59	113	167381	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
50) Toluene-d8	10.09	98	709891	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.40	95	253098	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.81	59	595	0.987	ug/l #	73
13) Acrolein	3.60	56	683	7.087	ug/l	97
14) Allyl chloride	4.33	41	3359	0.634	ug/l #	27
16) Acetone	3.82	43	30949	14.624	ug/l	100
18) Methyl Acetate	4.33	43	256487	70.250	ug/l	99
20) Methylene Chloride	4.55	84	5208	1.394	ug/l	97
25) 2-Butanone	6.94	43	981347	382.572	ug/l #	48
29) Tetrahydrofuran	7.23	42	2852	1.872	ug/l #	47
30) Chloroform	7.38	83	1382	0.227	ug/l	95
31) Cyclohexane	7.67	56	5353	0.907	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21585	4.251	ug/l #	48
37) Ethyl Acetate	6.94	43	981347	203.925	ug/l	98
38) Carbon Tetrachloride	7.67	117	29147	5.980	ug/l #	15
41) Methacrylonitrile	7.22	41	2648	1.198	ug/l #	26
43) Isopropyl Acetate	8.17	43	12818	1.665	ug/l	98
48) Methyl methacrylate	9.18	41	8303	2.138	ug/l #	27
51) 4-Methyl-2-Pentanone	9.99	43	4866	0.992	ug/l #	82
54) cis-1,3-Dichloropropene	9.90	75	43756	7.392	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	10222	1.571	ug/l #	42
59) 2-Hexanone	10.76	43	140916	38.727	ug/l #	52
70) Styrene	11.96	104	8855	0.747	ug/l	91
71) Bromoform	12.40	173	2065	0.613	ug/l #	1
73) Isopropylbenzene	12.41	105	234	Below Cal	#	48
74) N-aryl acetate	12.07	43	34639	4.983	ug/l	93
76) 1,2,3-Trichloropropane	12.40	75	117974	24.964	ug/l #	100
77) Bromobenzene	12.52	156	183	Below Cal	#	1
79) 2-Chlorotoluene	12.59	91	166	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	117974	77.561	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.07	105	4524	0.315	ug/l #	30
95) Naphthalene	15.13	128	1637	4.807	ug/l #	69

(#) = 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: VN056347.D

Acq: 17 Jun 2019 17:57

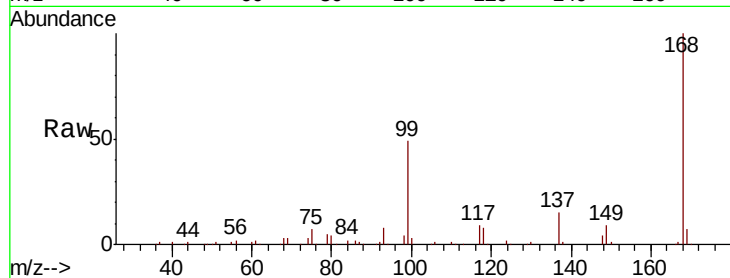
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 340621

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

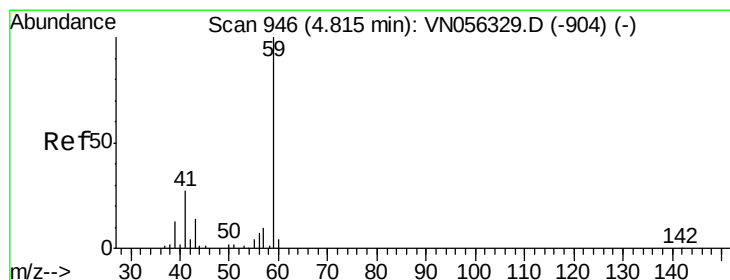
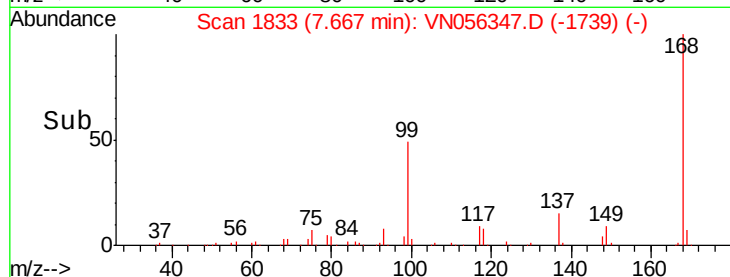
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.987 ug/l

RT: 4.81 min Scan# 944

Delta R.T. -0.01 min

Lab File: VN056347.D

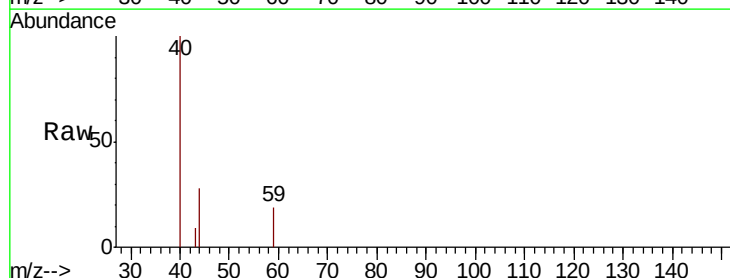
Acq: 17 Jun 2019 17:57

Tgt Ion: 59 Resp: 595

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.81

400

300

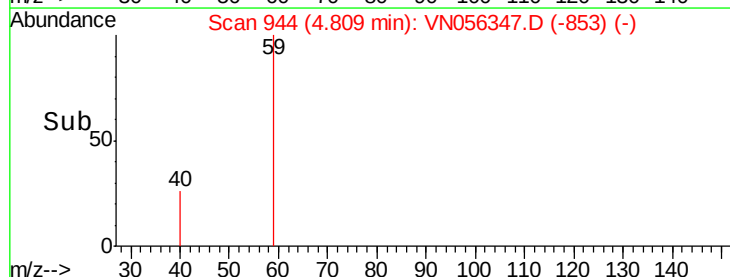
200

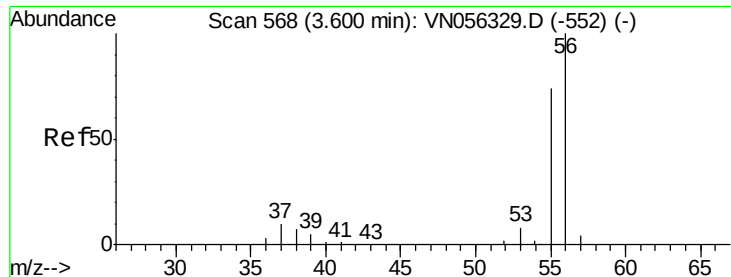
100

0

4.78 4.80 4.82

Time-->





#13

Acrolein

Concen: 7.087 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

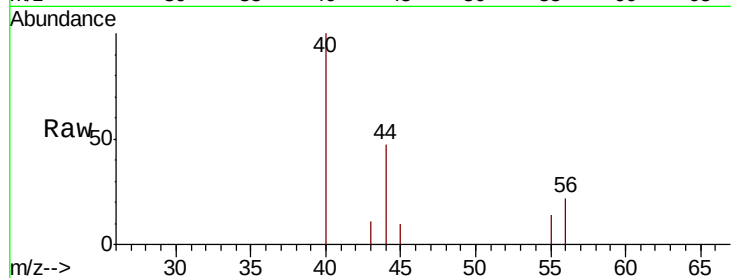
ClientSampleId :

Tot Ion: 56 Resp: 683

Ion Ratio Lower Upper

56 100

55 67.8 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

400

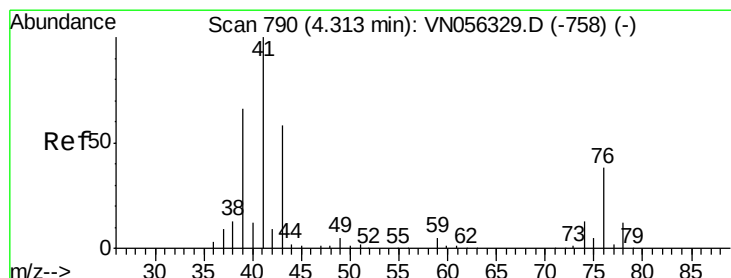
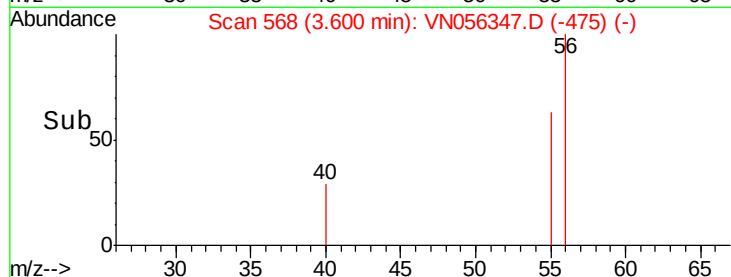
300

200

100

0

Time--> 3.56 3.58 3.60 3.62 3.64



#14

Allyl chloride

Concen: 0.634 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.02 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

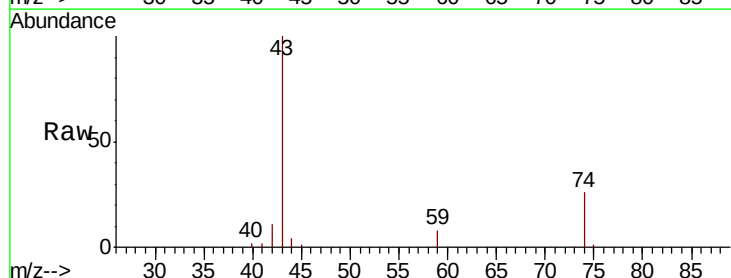
Tgt Ion: 41 Resp: 3359

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

76 0.0 27.2 40.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.33

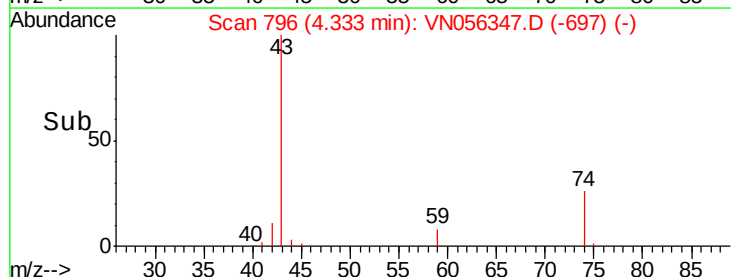
1500

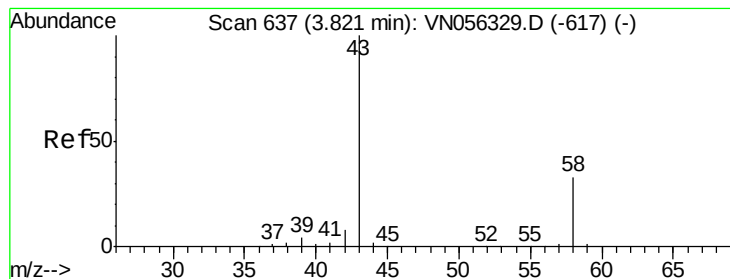
1000

500

0

Time--> 4.25 4.30 4.35





#16

Acetone

Concen: 14.624 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

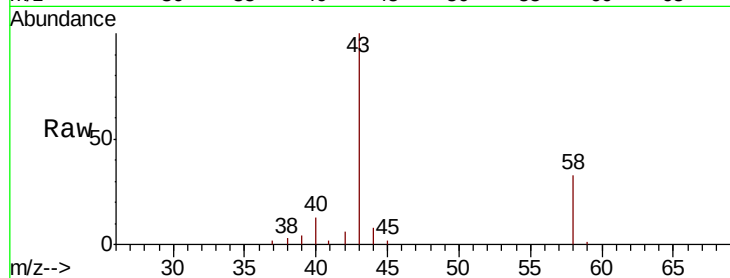
ClientSampled :

Tot Ion: 43 Resp: 30949

Ion Ratio Lower Upper

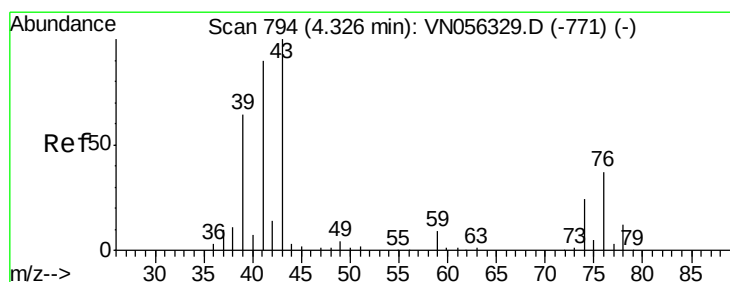
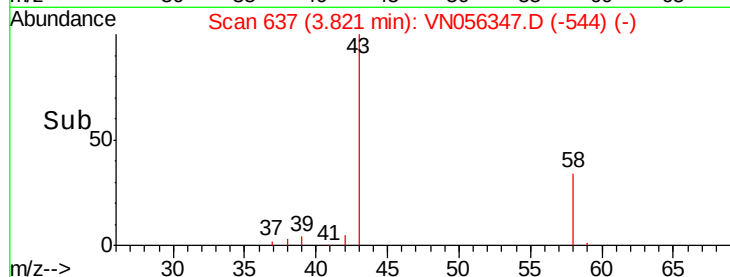
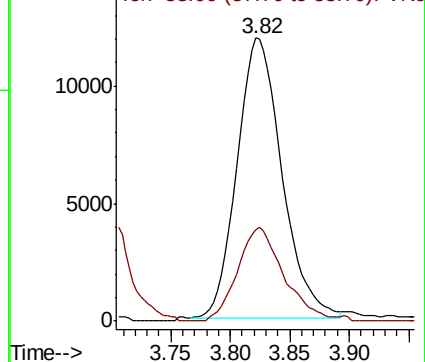
43 100

58 32.9 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: 70.250 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN056347.D

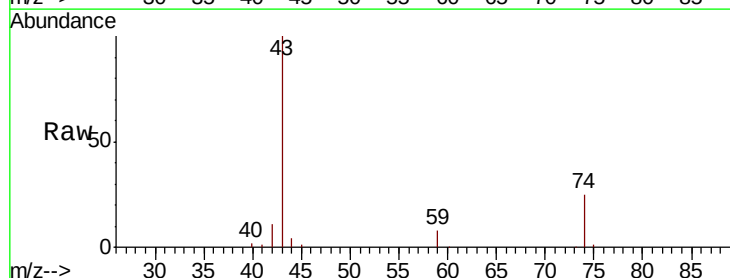
Acq: 17 Jun 2019 17:57

Tgt Ion: 43 Resp: 256487

Ion Ratio Lower Upper

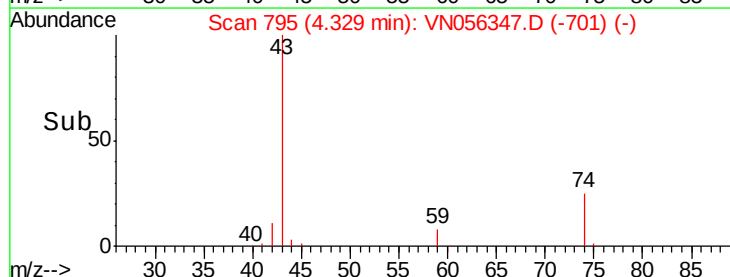
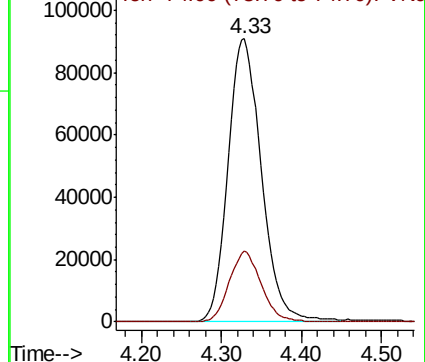
43 100

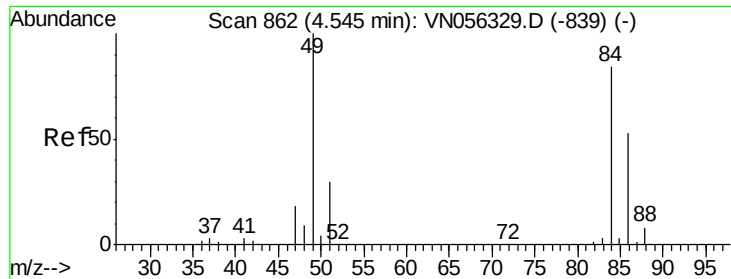
74 24.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

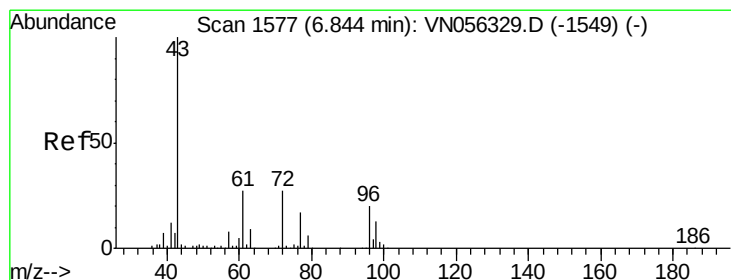
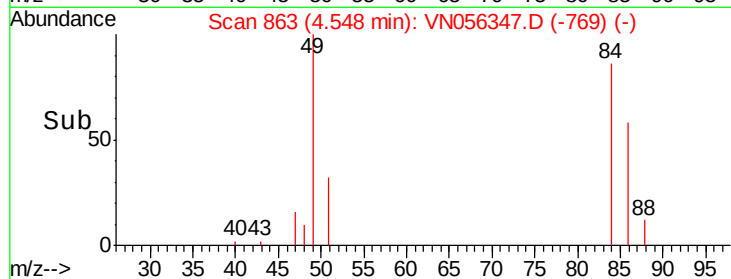
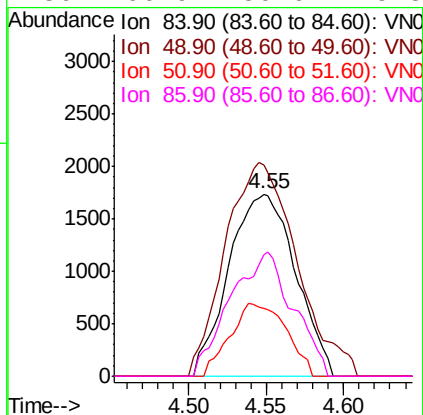
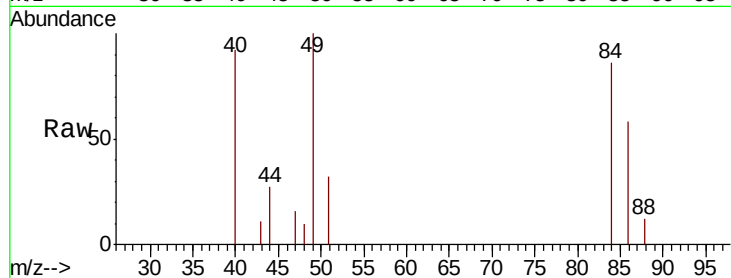




#20
Methvlene Chloride
Concen: 1.394 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

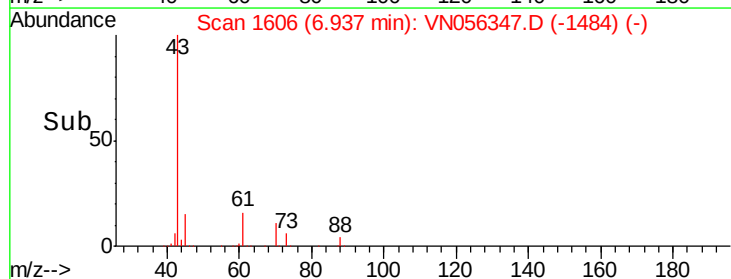
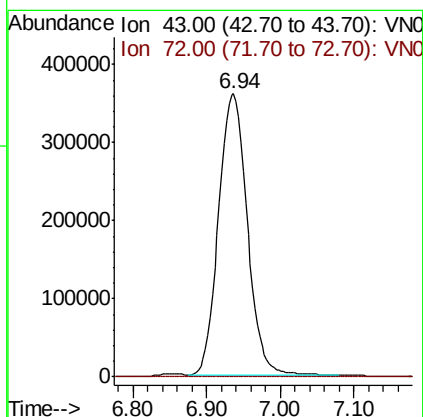
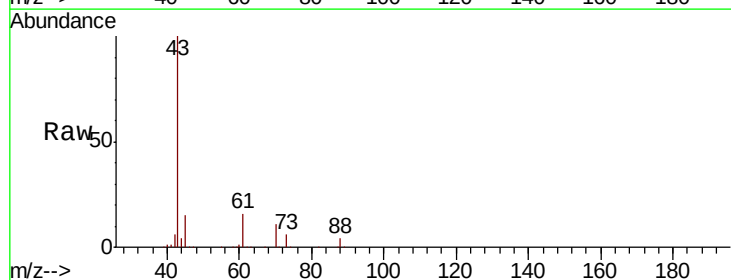
Instrument :
MSVOA_N
ClientSampleId :

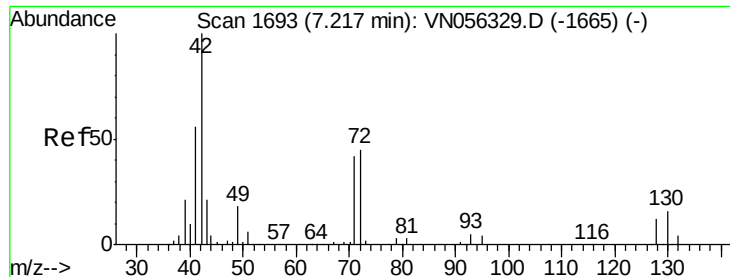
Tot Ion: 84 Resp: 5208
Ion Ratio Lower Upper
84 100
49 116.3 95.0 142.6
51 37.0 28.2 42.4
86 66.9 50.6 75.8



#25
2-Butanone
Concen: 382.572 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.09 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

Tgt Ion: 43 Resp: 981347
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#





#29

Tetrahydrofuran

Concen: 1.872 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

ClientSampled :

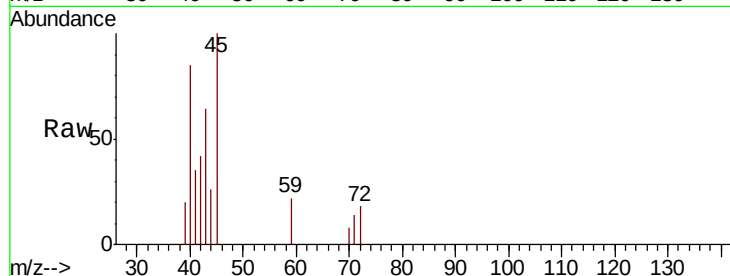
Tot Ion: 42 Resp: 2852

Ion Ratio Lower Upper

42 100

72 0.0 35.3 52.9#

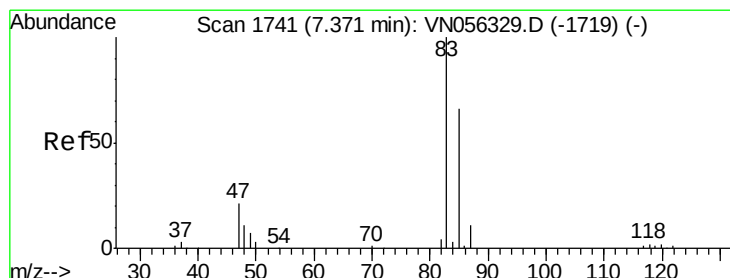
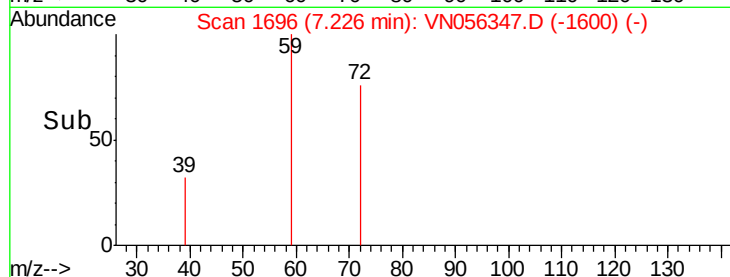
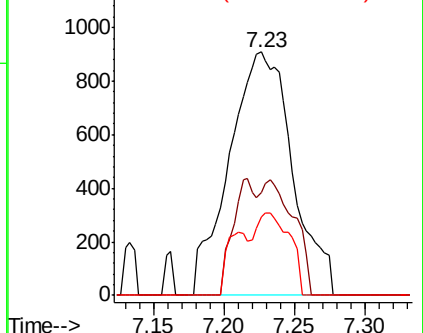
71 17.4 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.227 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN056347.D

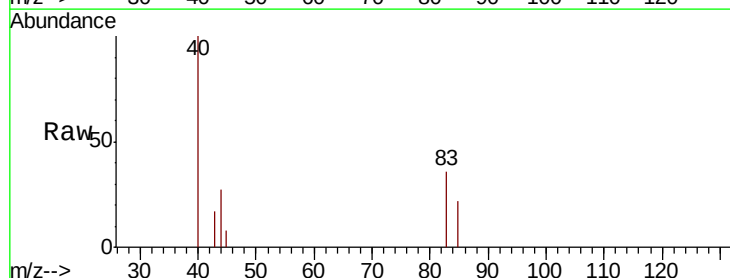
Acq: 17 Jun 2019 17:57

Tgt Ion: 83 Resp: 1382

Ion Ratio Lower Upper

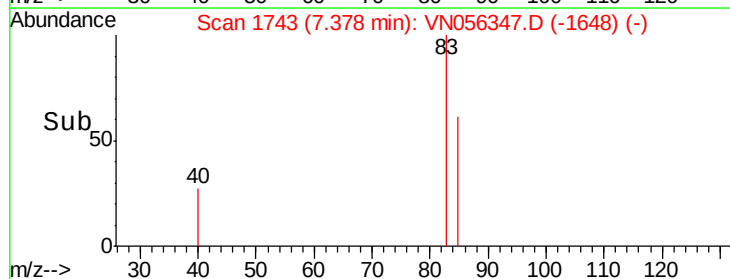
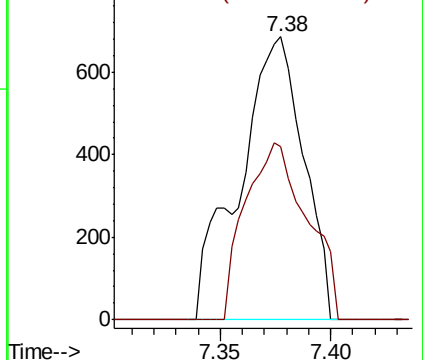
83 100

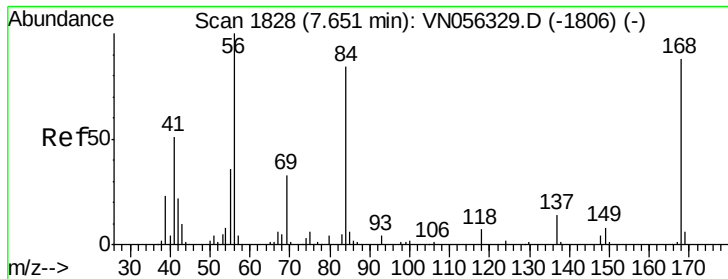
85 61.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

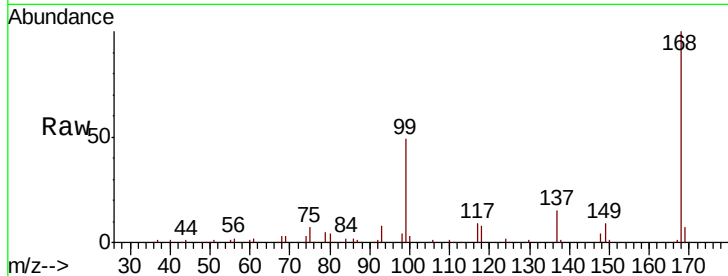




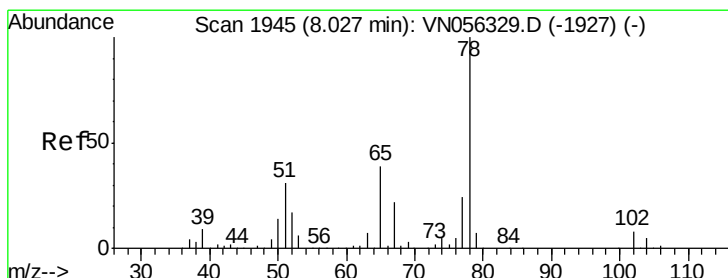
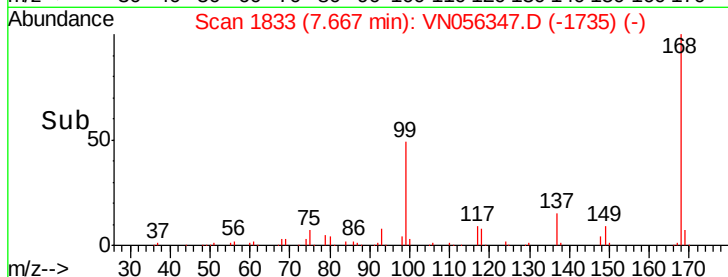
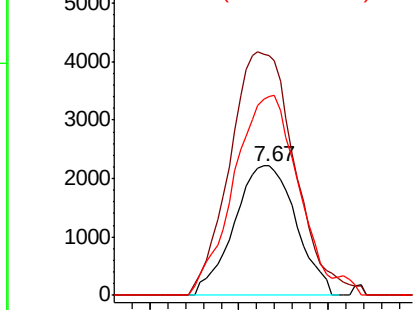
#31
Cyclohexane
Concen: 0.907 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5353
Ion Ratio Lower Upper
56 100
69 185.6 26.0 39.0#
84 154.0 67.4 101.0#

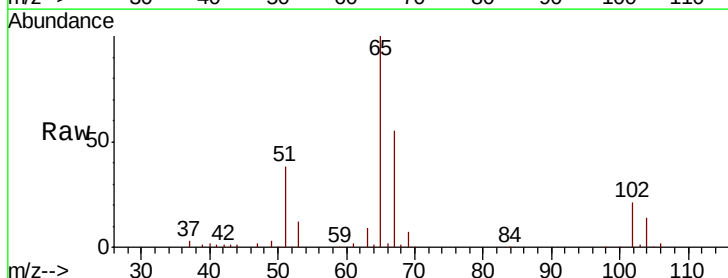


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

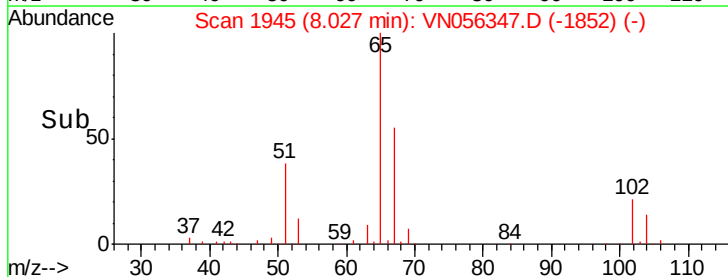
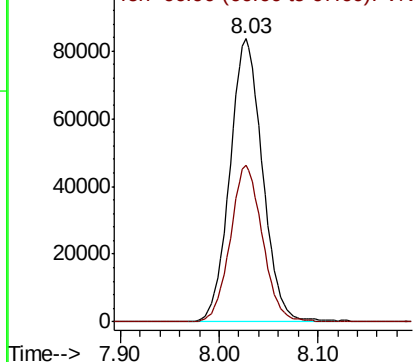


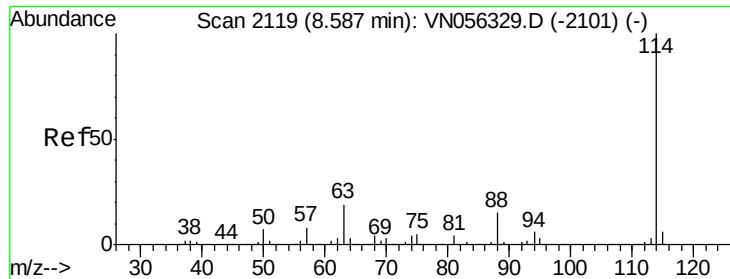
#33
1,2-Dichloroethane-d4
Concen: 50.212 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

Tgt Ion: 65 Resp: 192311
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.8



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

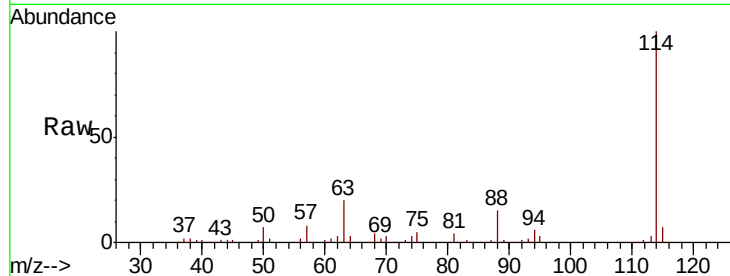




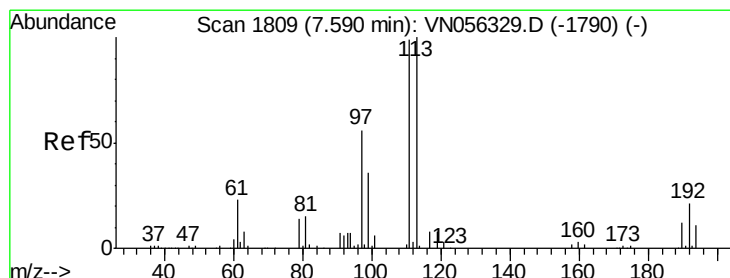
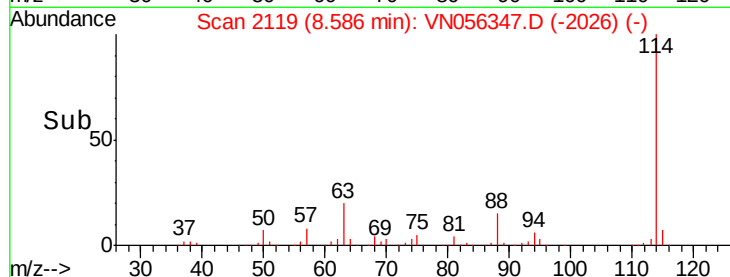
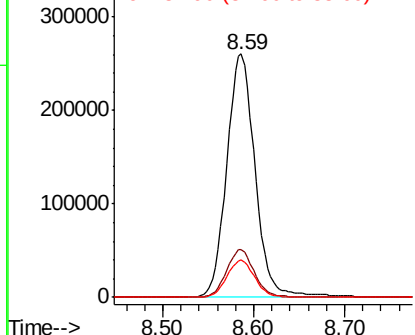
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 564293
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.8
88 15.2 0.0 30.6

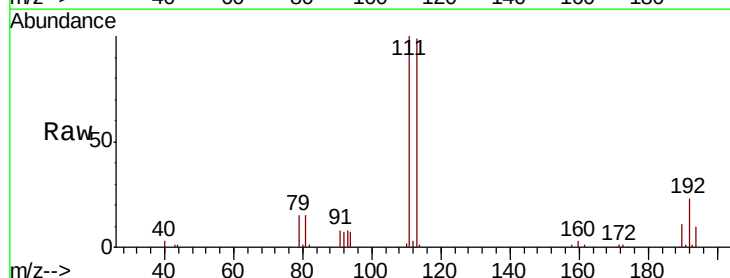


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VNO
Ion 87.90 (87.60 to 88.60): VNO

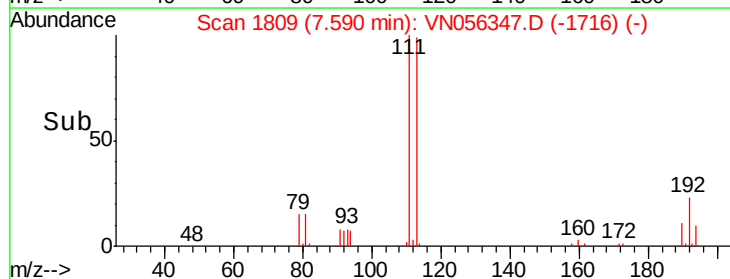
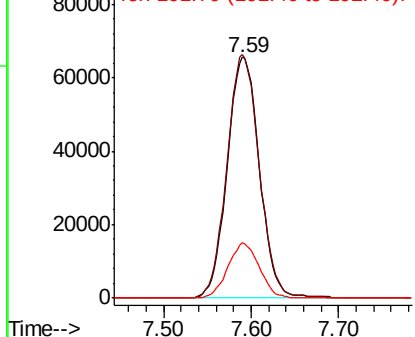


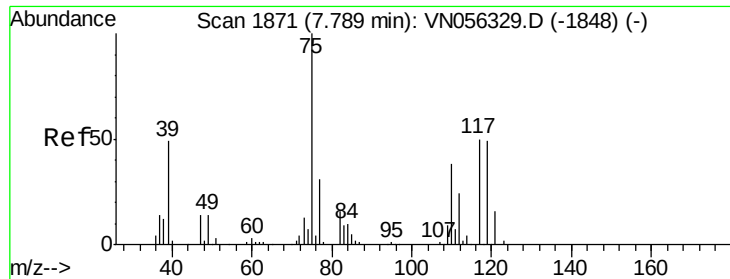
#35
Dibromofluoromethane
Concen: 46.255 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

Tgt Ion:113 Resp: 167381
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 22.4 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

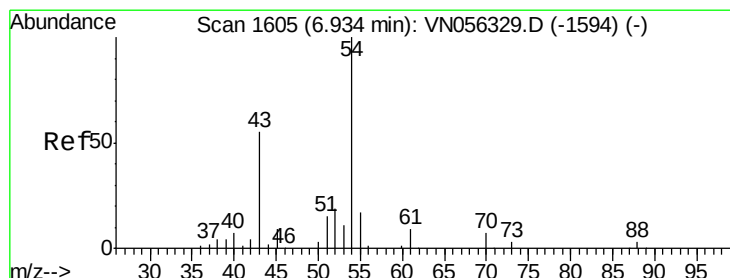
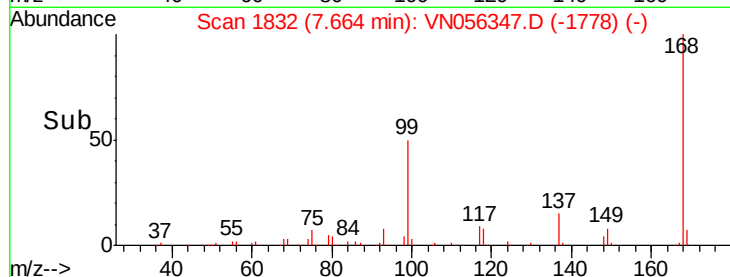
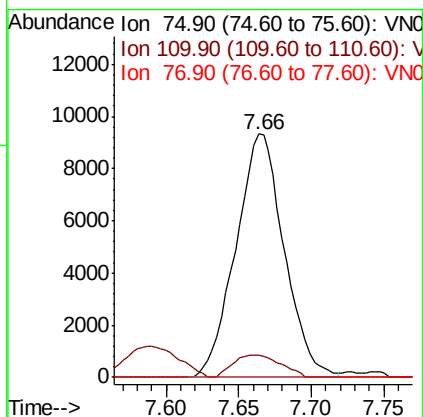
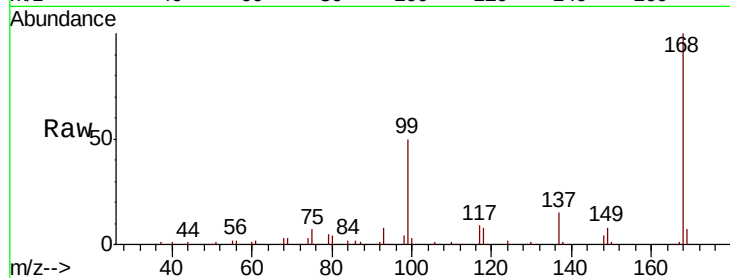




#36
 1,1-Dichloropropene
 Concen: 4.251 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056347.D
 Acq: 17 Jun 2019 17:57

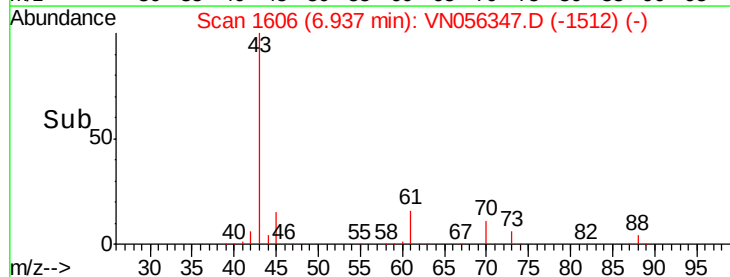
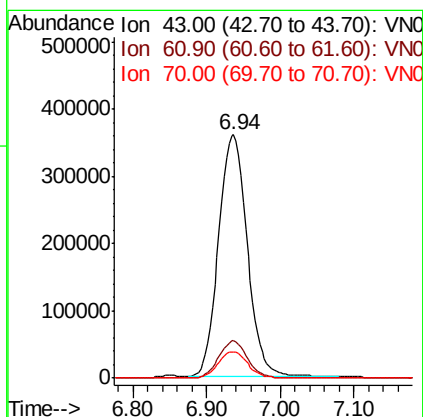
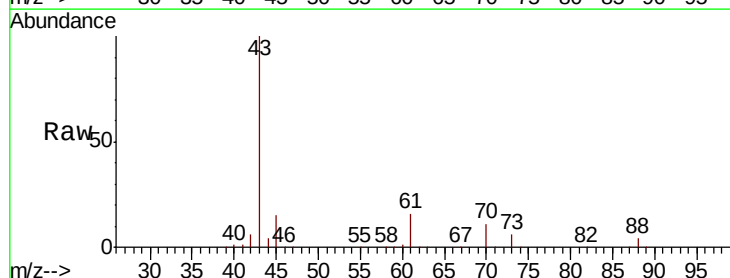
Instrument :
 MSVOA_N
 ClientSampleId :

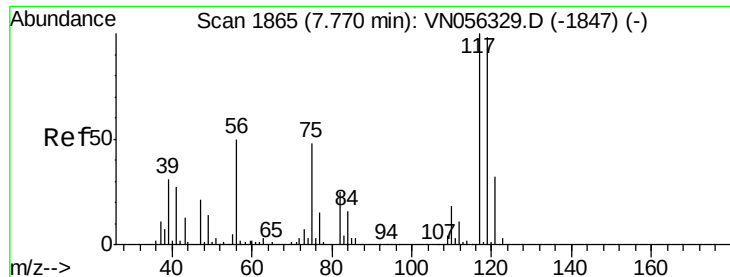
Tot Ion	75	Resp	21585
Ion Ratio	100	Lower	Upper
75	100		
110	9.1	18.6	56.0#
77	0.0	25.0	37.6#



#37
 Ethyl Acetate
 Concen: 203.925 ug/l
 RT: 6.94 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VN056347.D
 Acq: 17 Jun 2019 17:57

Tgt Ion	43	Resp	981347
Ion Ratio	100	Lower	Upper
43	100		
61	15.4	11.7	17.5
70	11.1	8.3	12.5





#38

Carbon Tetrachloride

Concen: 5.980 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

ClientSampleId :

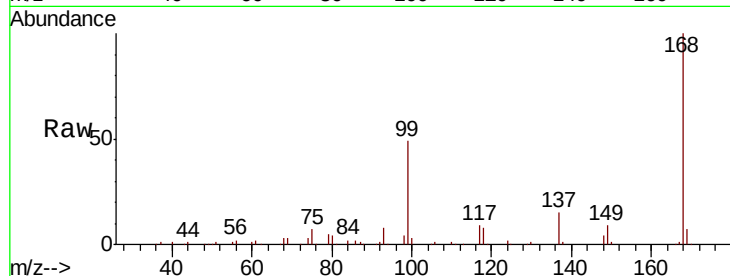
Tot Ion: 117 Resp: 29147

Ion Ratio Lower Upper

117 100

119 4.9 77.8 116.8#

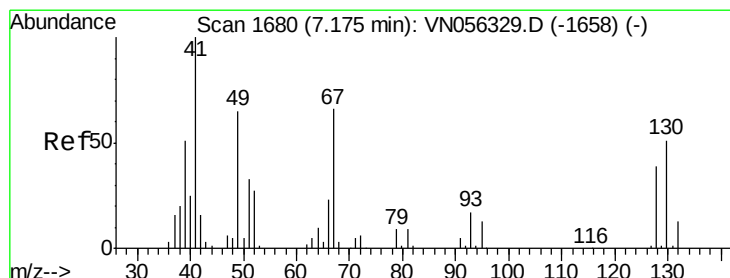
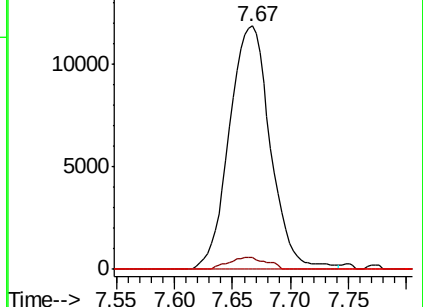
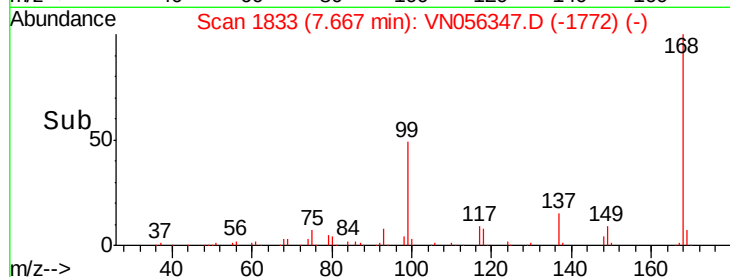
121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 1.198 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.04 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Tgt Ion: 41 Resp: 2648

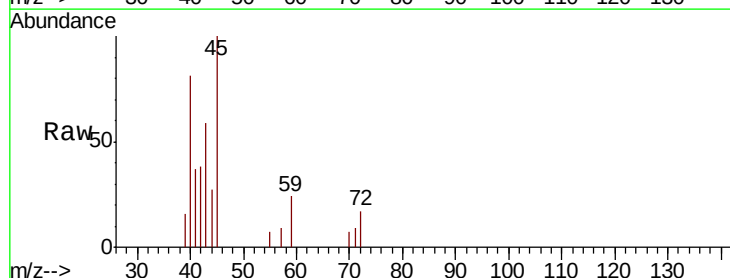
Ion Ratio Lower Upper

41 100

39 18.4 44.5 66.7#

67 0.0 69.0 103.4#

52 0.0 28.1 42.1#

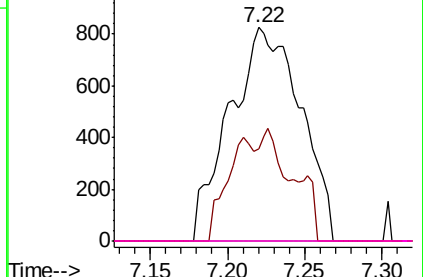
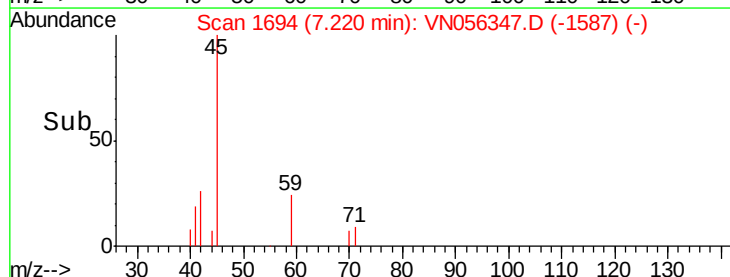


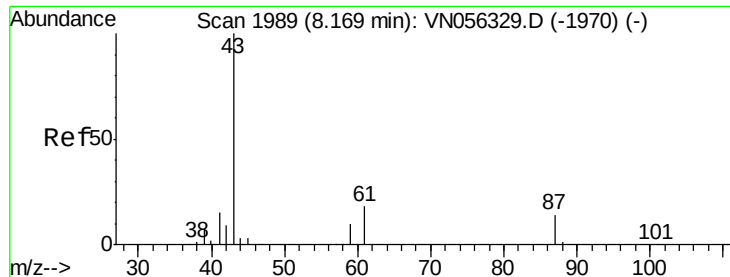
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.665 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

ClientSampleId :

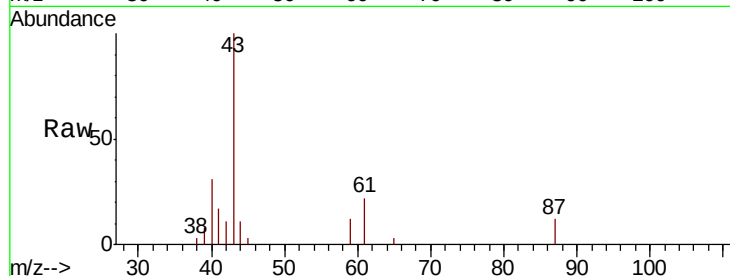
Tot Ion: 43 Resp: 12818

Ion Ratio Lower Upper

43 100

61 21.2 16.6 25.0

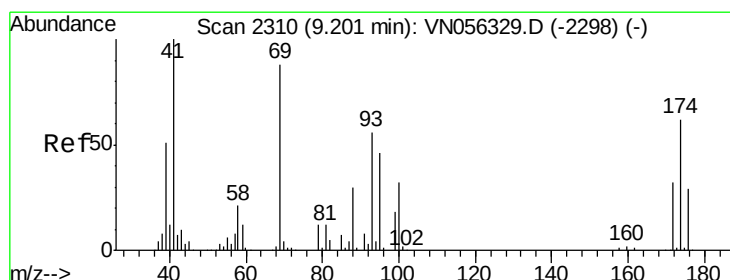
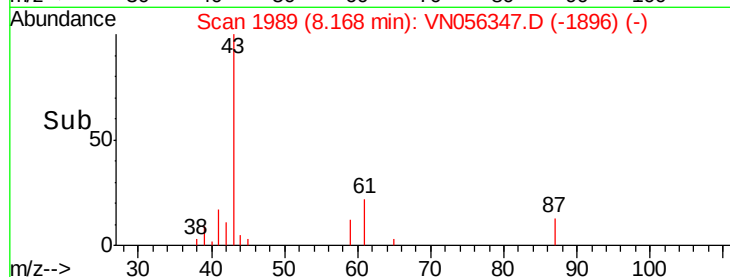
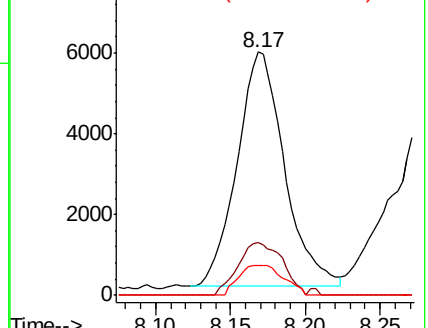
87 12.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056329.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056329.D (-1970) (-)



#48

Methyl methacrylate

Concen: 2.138 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

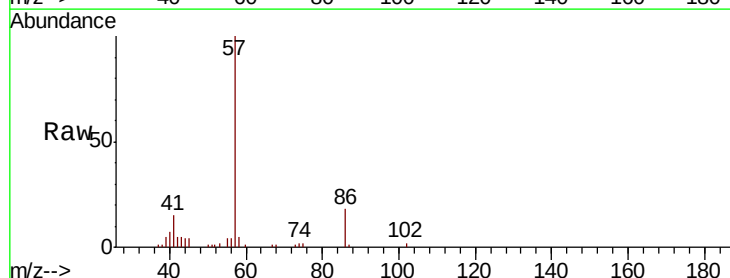
Tgt Ion: 41 Resp: 8303

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

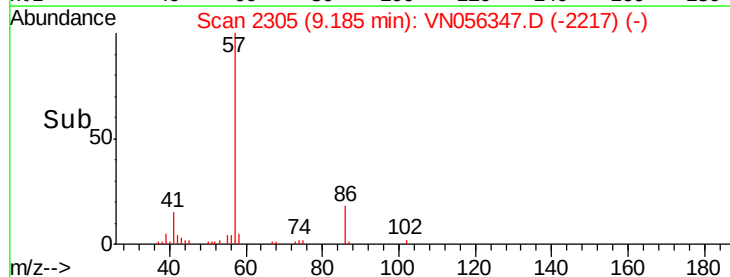
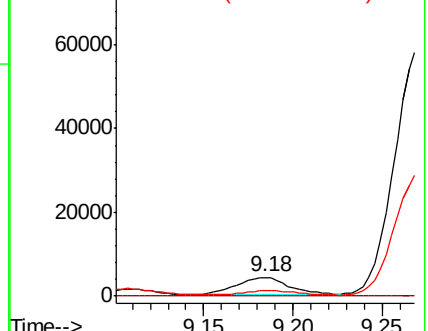
39 26.6 41.7 62.5#

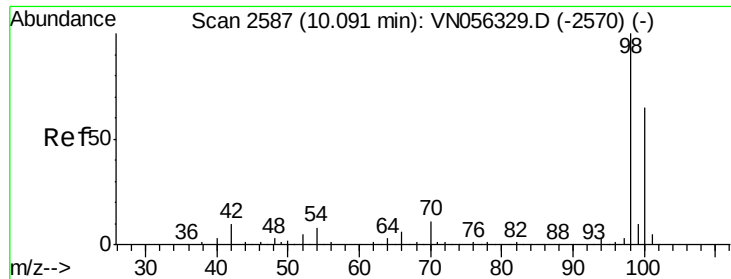


Abundance Ion 41.00 (40.70 to 41.70): VN056329.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN056329.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN056329.D (-2298) (-)





#50

Toluene-d8

Concen: 51.351 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

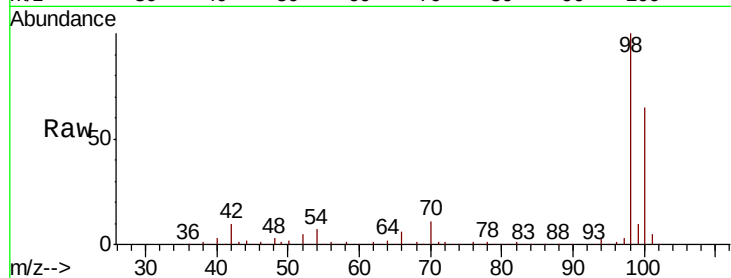
ClientSampled :

Tot Ion: 98 Resp: 709891

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

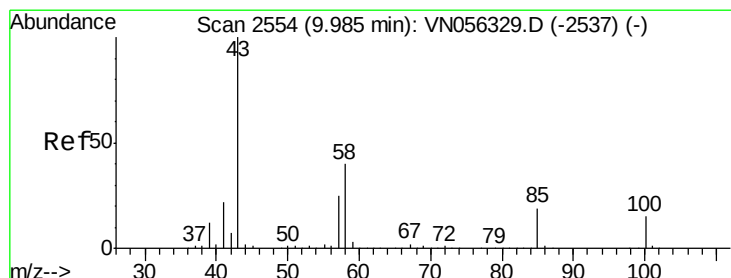
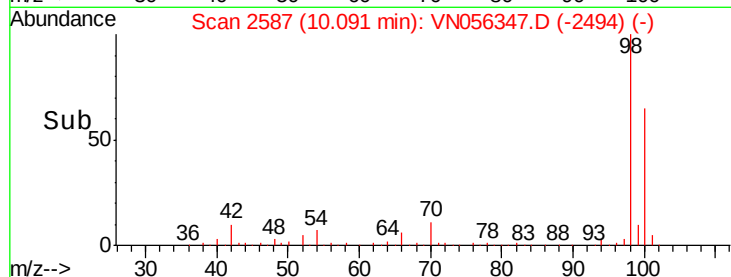
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.992 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056347.D

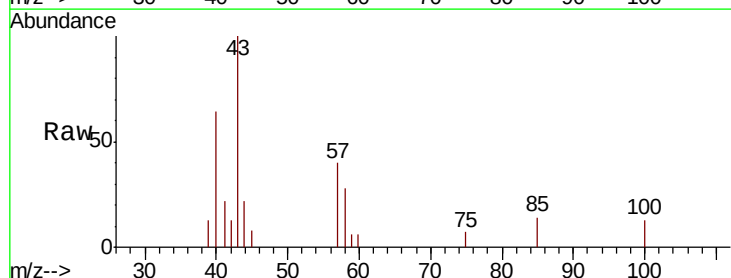
Acq: 17 Jun 2019 17:57

Tgt Ion: 43 Resp: 4866

Ion Ratio Lower Upper

43 100

58 28.4 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

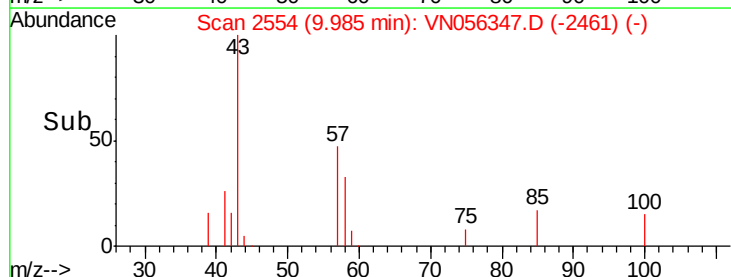
3000

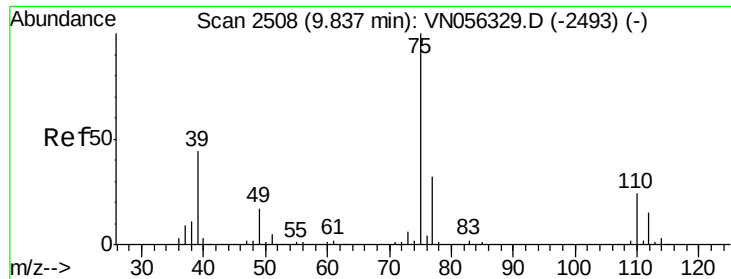
2000

1000

0

Time-->



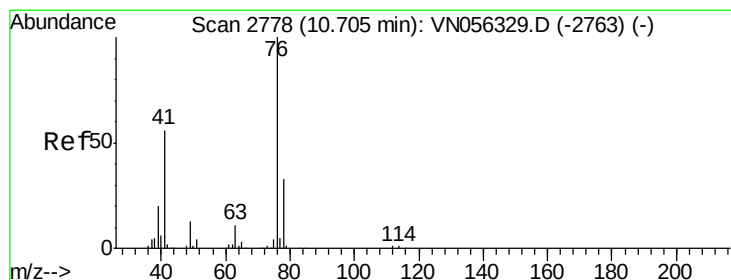
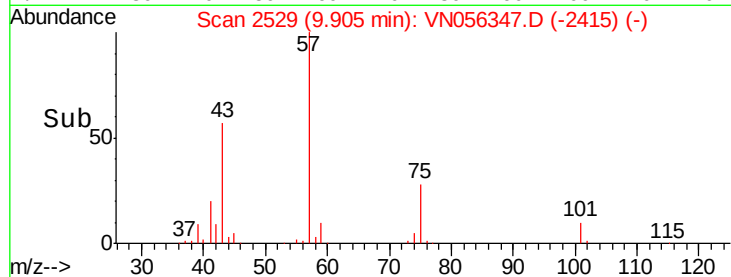
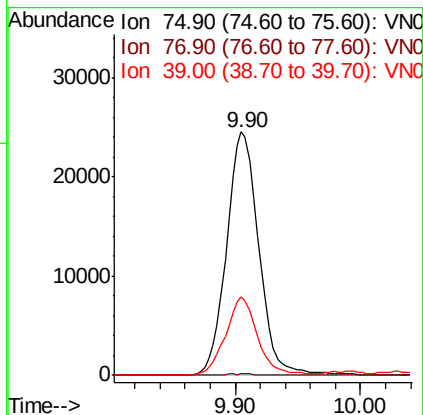
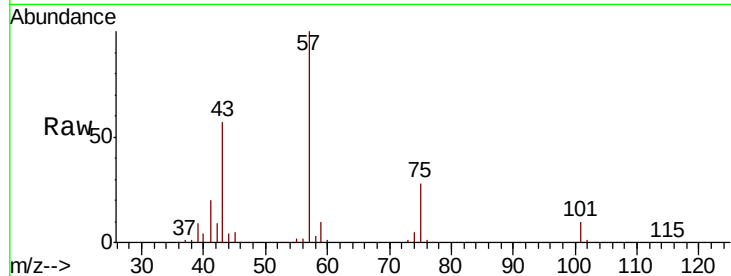


#54

cis-1,3-Dichloropropene
 Concen: 7.392 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056347.D
 Acq: 17 Jun 2019 17:57

Instrument :
 MSVOA_N
 ClientSampleId :

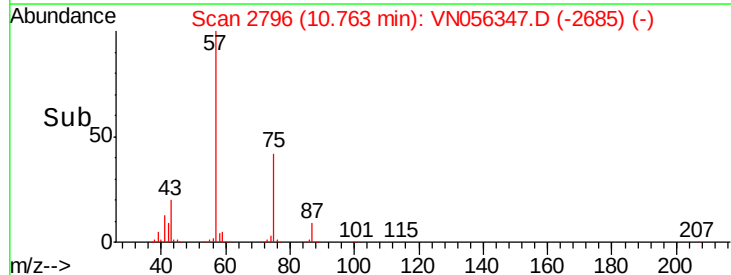
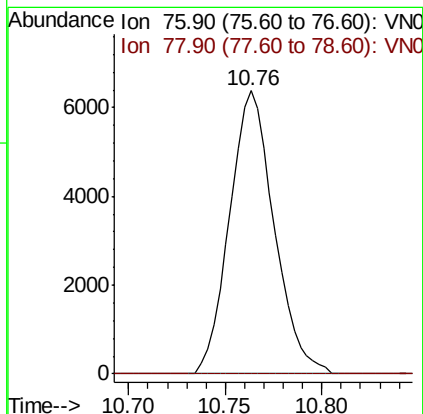
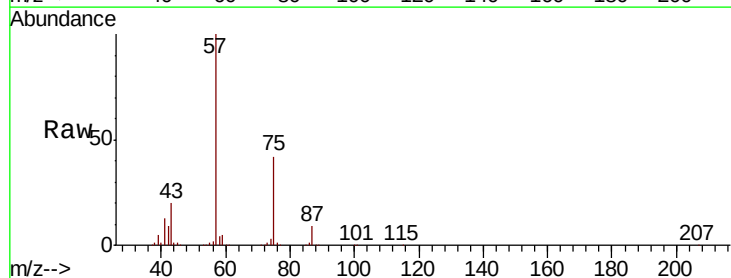
Tot Ion: 75 Resp: 43756
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 32.0 35.4 53.0#

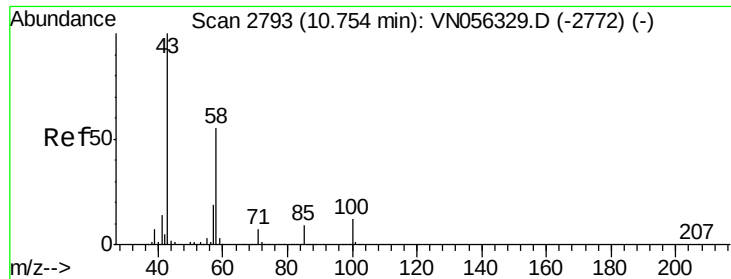


#57

1,3-Dichloropropane
 Concen: 1.571 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056347.D
 Acq: 17 Jun 2019 17:57

Tgt Ion: 76 Resp: 10222
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

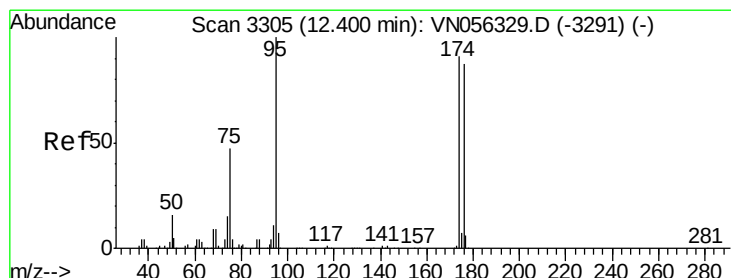
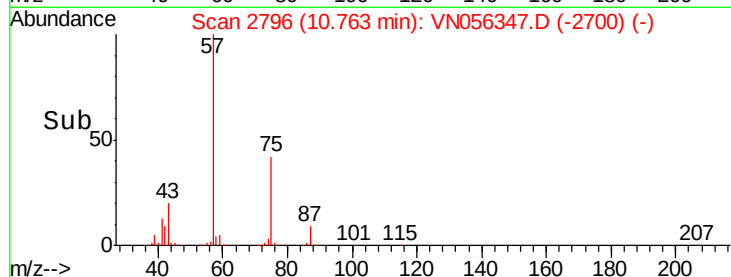
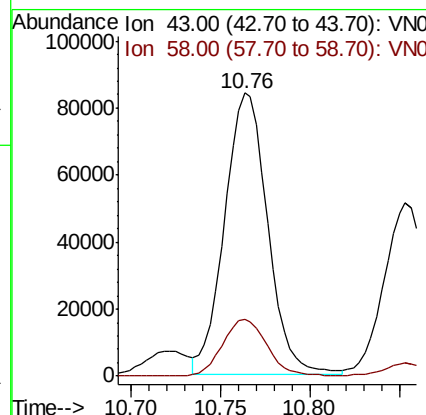
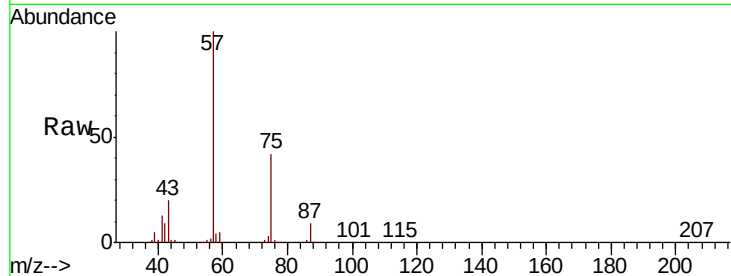




#59
2-Hexanone
Concen: 38.727 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

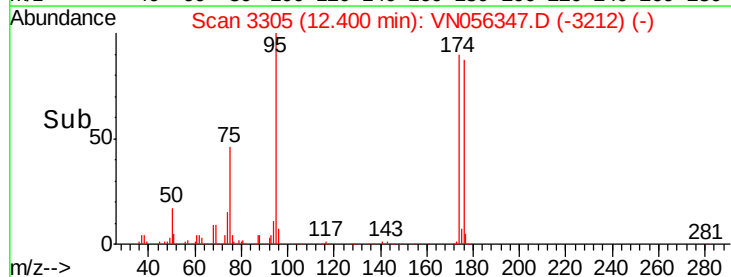
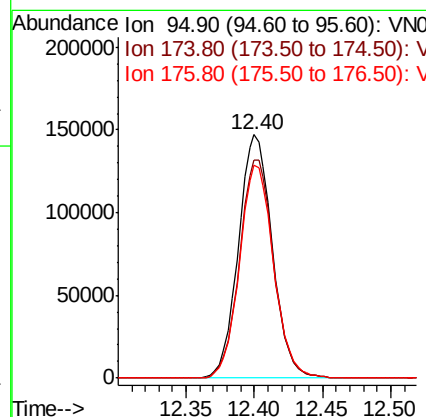
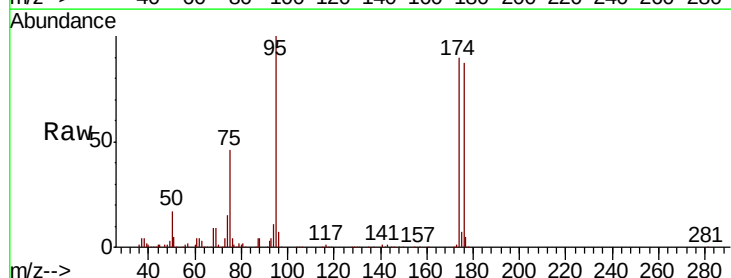
Instrument :
MSVOA_N
ClientSampled :

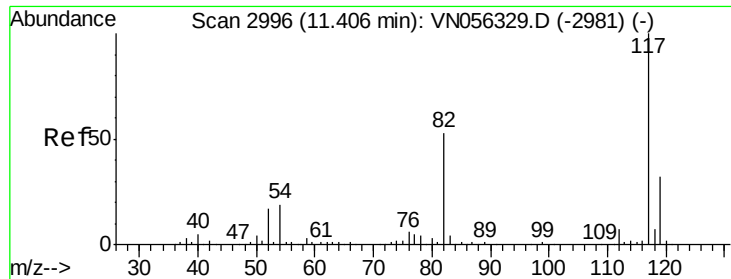
Tot Ion: 43 Resp: 140916
Ion Ratio Lower Upper
43 100
58 21.0 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 55.249 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

Tgt Ion: 95 Resp: 253098
Ion Ratio Lower Upper
95 100
174 90.5 0.0 182.6
176 88.2 0.0 176.8

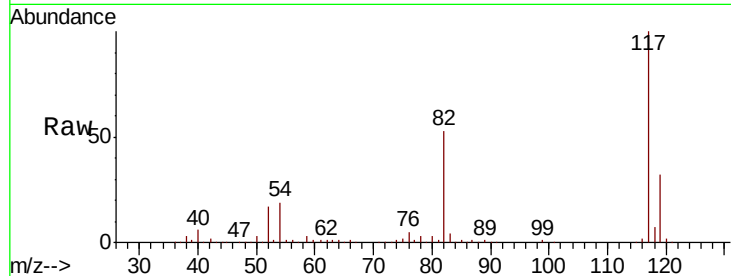




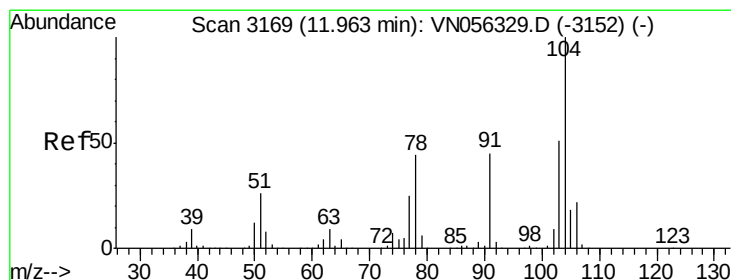
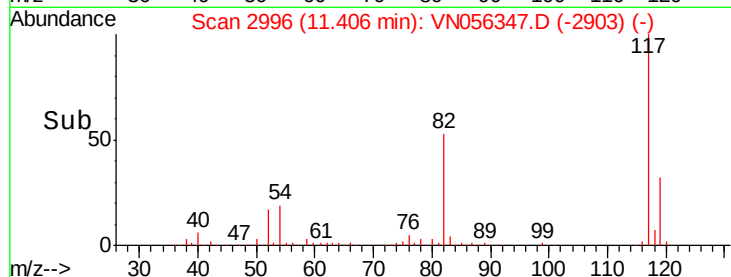
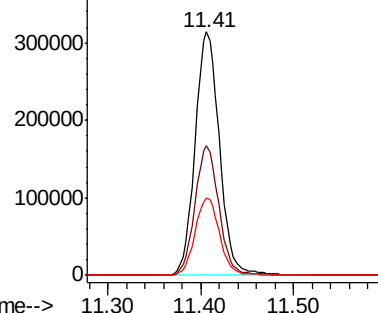
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 572363
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.6 26.0 39.0

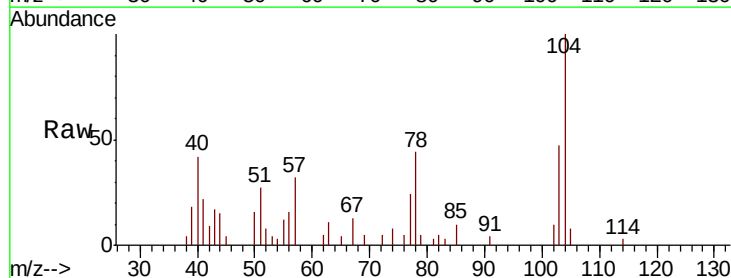


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

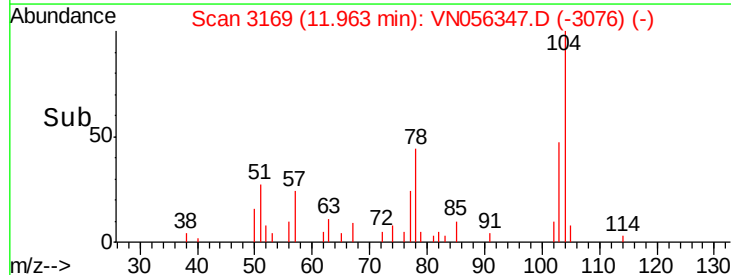
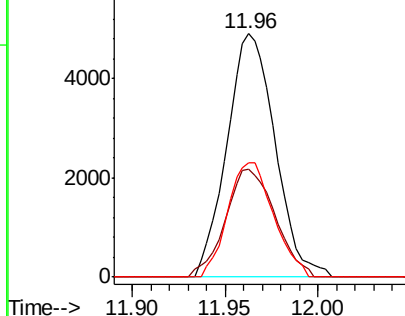


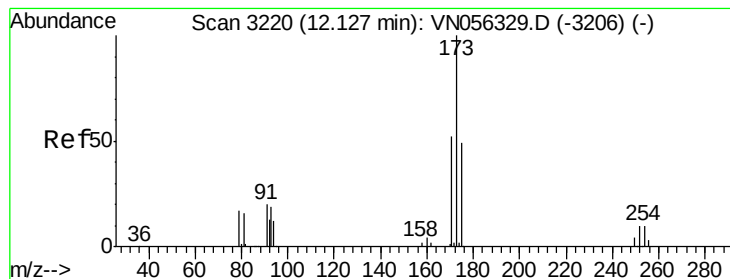
#70
Styrene
Concen: 0.747 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056347.D
Acq: 17 Jun 2019 17:57

Tgt Ion:104 Resp: 8855
Ion Ratio Lower Upper
104 100
78 45.7 38.4 57.6
103 44.6 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.613 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

ClientSampleId :

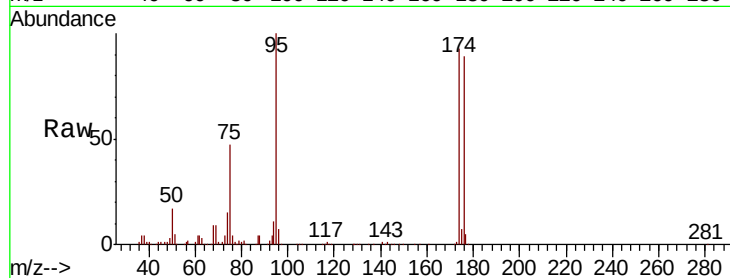
Tot Ion:173 Resp: 2065

Ion Ratio Lower Upper

173 100

175 716.3 24.3 73.0#

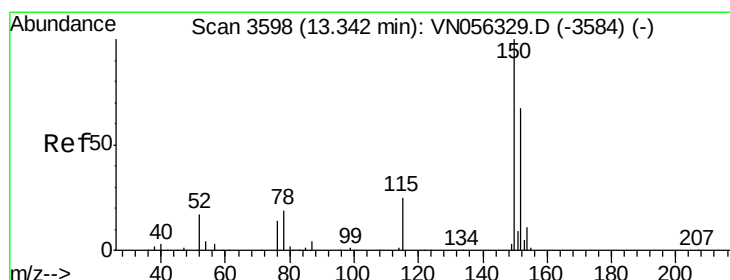
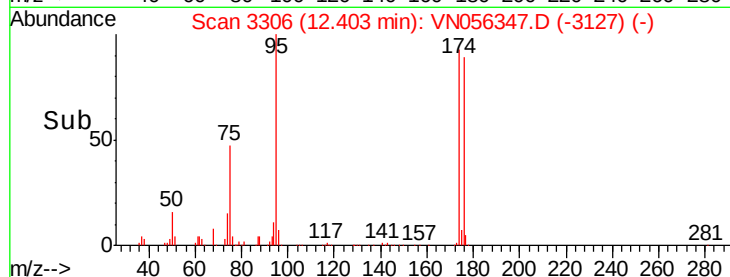
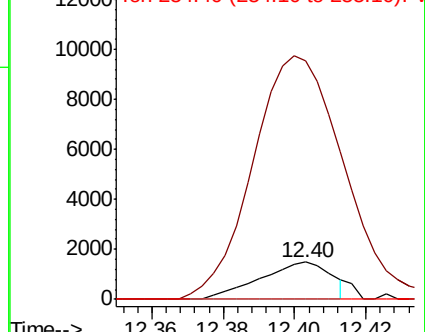
254 0.0 0.0 0.0



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: VN056347.D

Acq: 17 Jun 2019 17:57

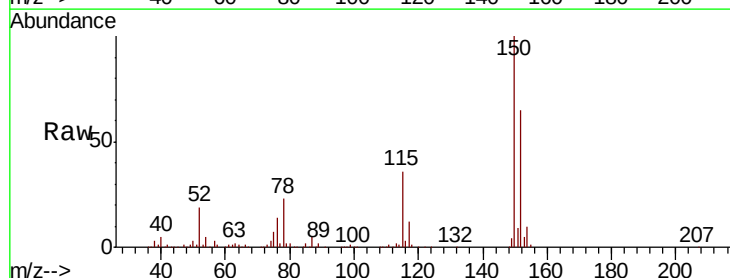
Tgt Ion:152 Resp: 221188

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.3

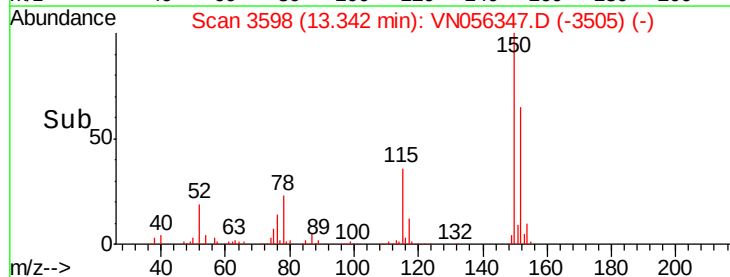
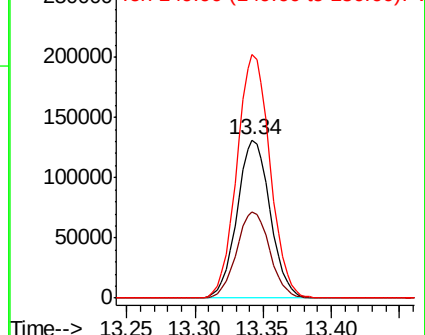
150 154.4 0.0 345.8

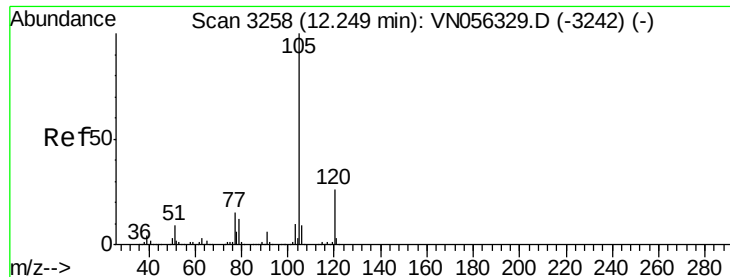


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. 0.16 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

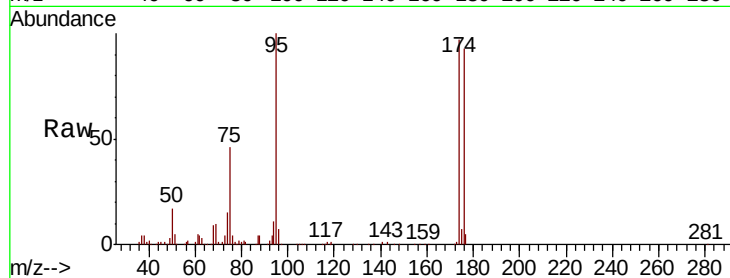
ClientSampleId :

Tot Ion: 105 Resp: 234

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

12.41

200

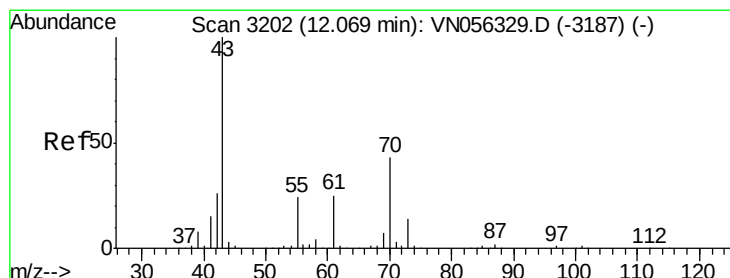
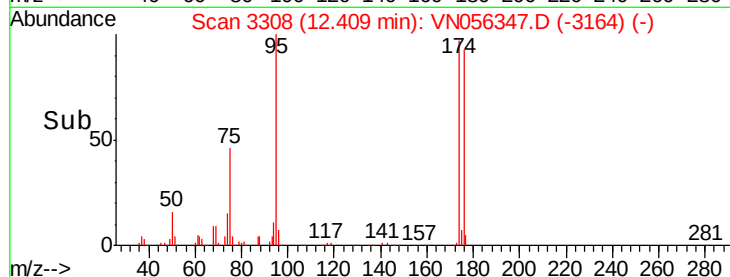
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 4.983 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Tgt Ion: 43 Resp: 34639

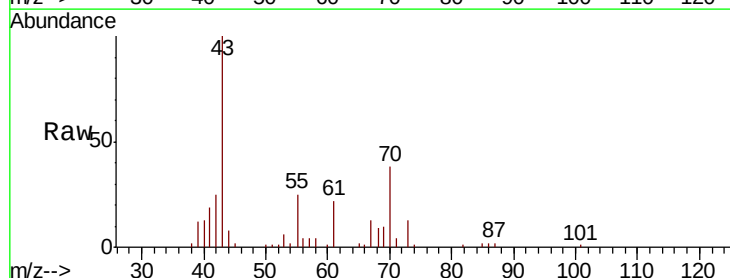
Ion Ratio Lower Upper

43 100

70 35.8 34.2 51.2

55 23.2 19.9 29.9

61 22.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

30000

25000

20000

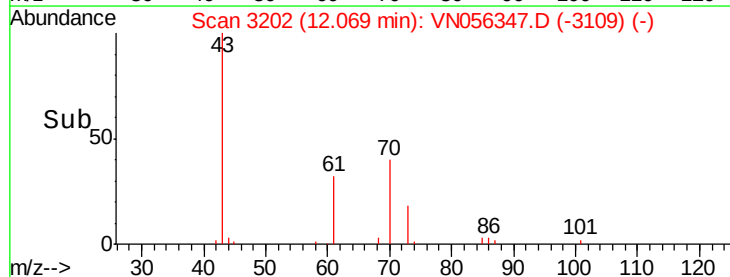
15000

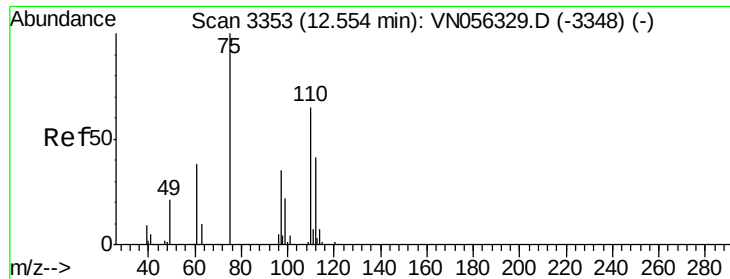
10000

5000

0

Time-->





#76

1,2,3-Trichloropropane

Concen: 24.964 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

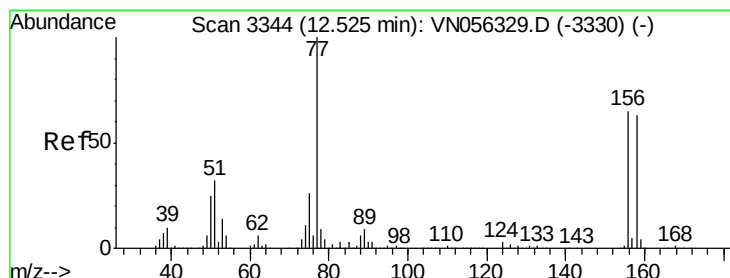
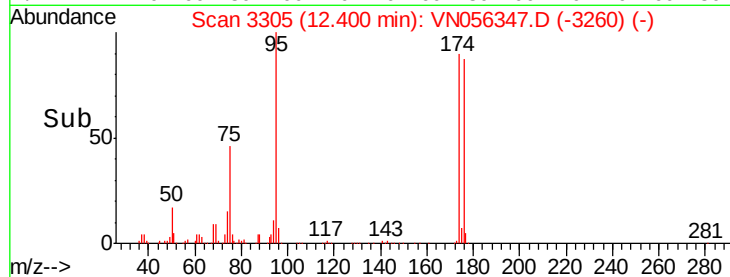
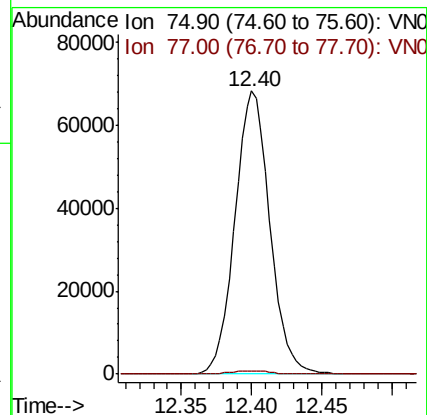
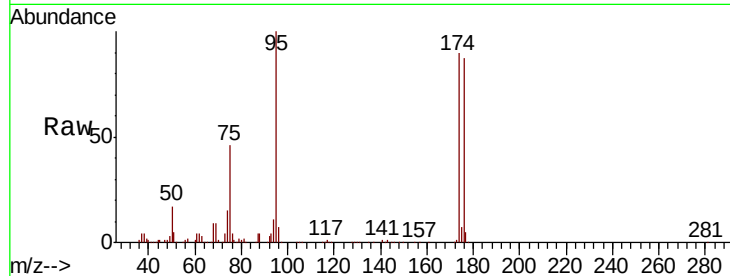
ClientSampleId :

Tot Ion: 75 Resp: 117974

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

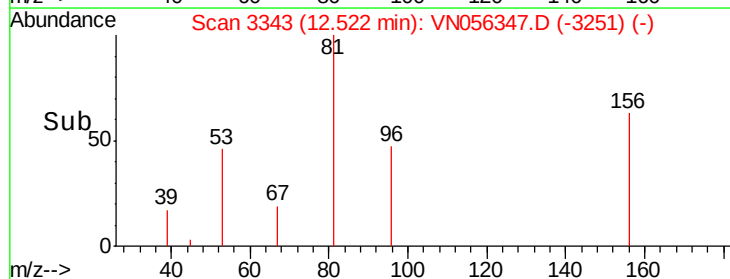
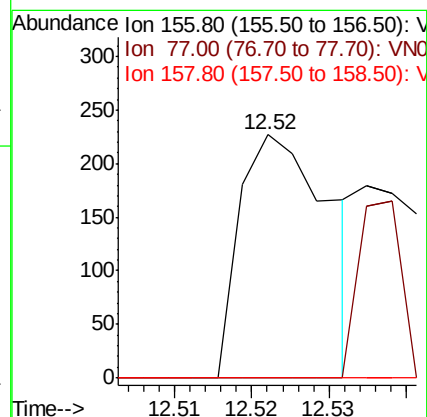
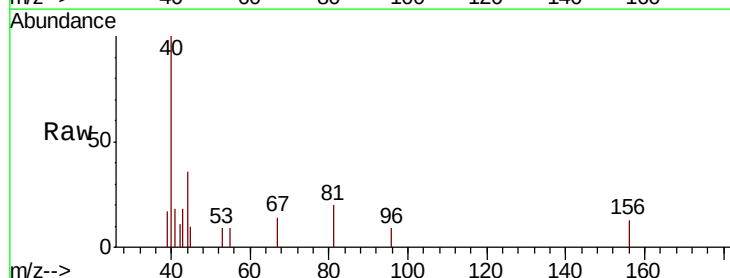
Tgt Ion: 156 Resp: 183

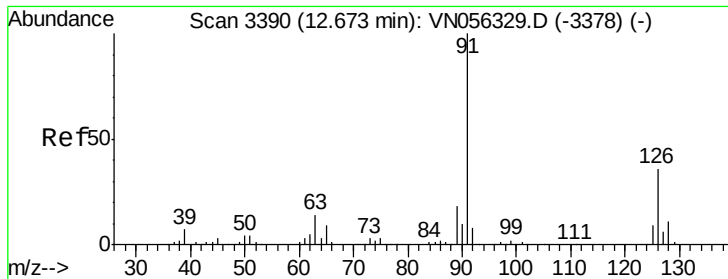
Ion Ratio Lower Upper

156 100

77 0.0 92.9 278.7#

158 0.0 49.0 147.2#

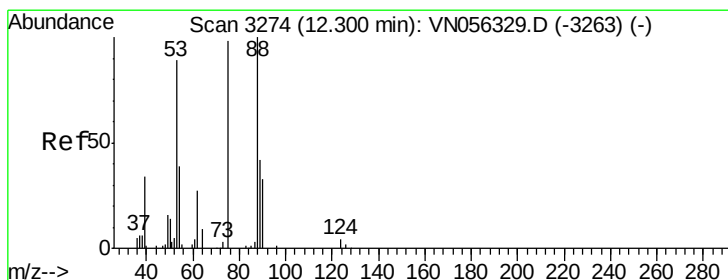
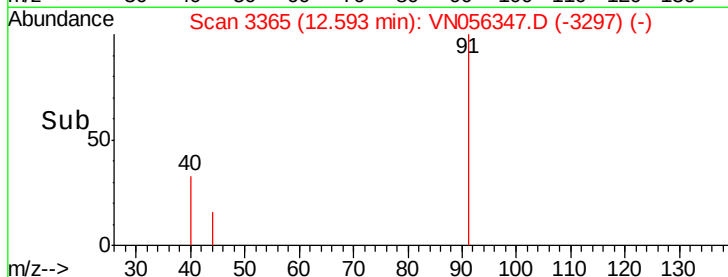
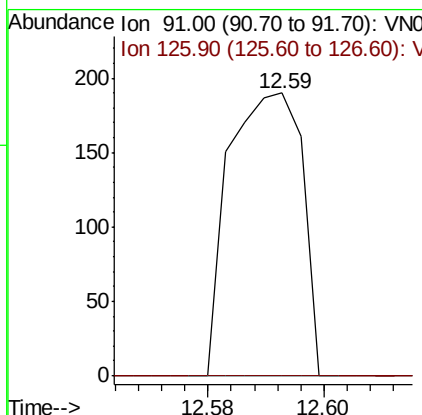
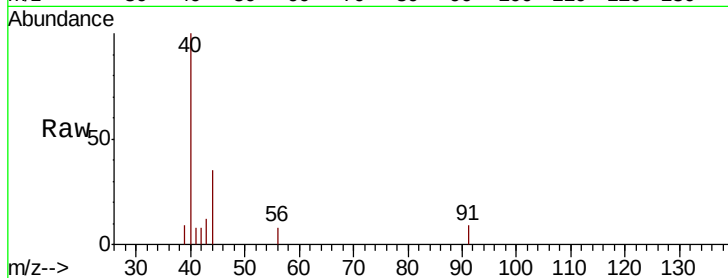




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.08 min
 Lab File: VN056347.D
 Acq: 17 Jun 2019 17:57

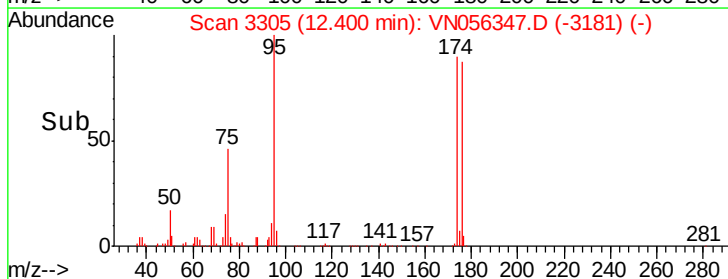
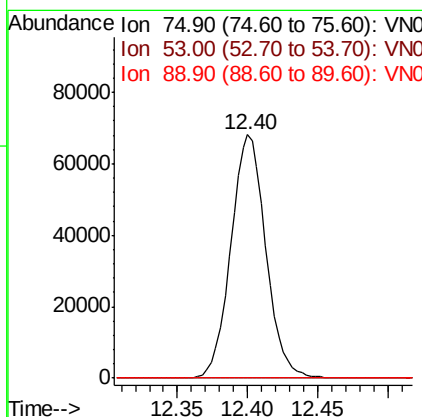
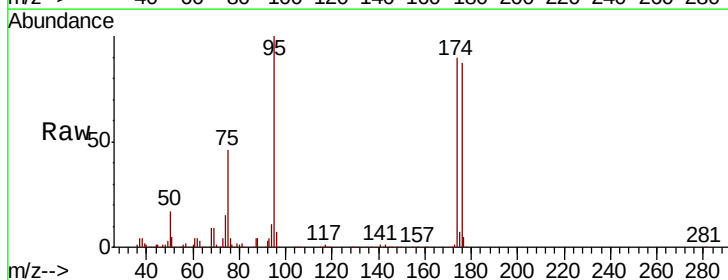
Instrument :
 MSVOA_N
 ClientSampleId :

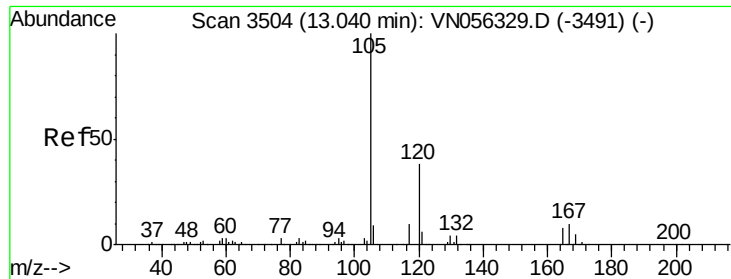
Tot Ion: 91 Resp: 166
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.0 54.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.561 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056347.D
 Acq: 17 Jun 2019 17:57

Tgt Ion: 75 Resp: 117974
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.0 35.4 53.2#





#84

1,2,4-Trimethylbenzene

Concen: 0.315 ug/l

RT: 13.07 min Scan# 3513

Delta R.T. 0.03 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

Instrument :

MSVOA_N

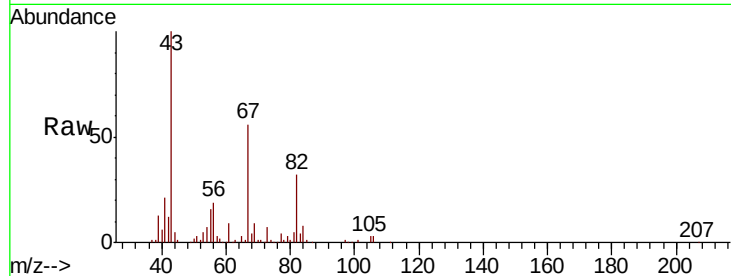
ClientSampled :

Tot Ion:105 Resp: 4524

Ion Ratio Lower Upper

105 100

120 0.0 23.1 69.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.07

1500

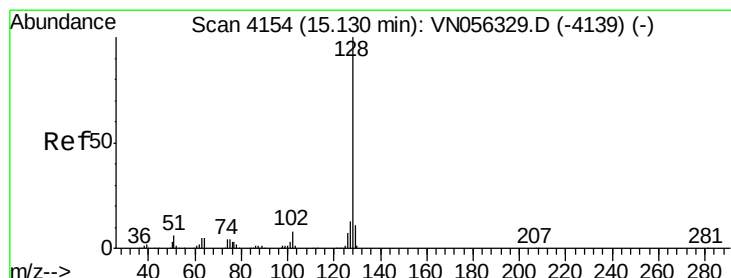
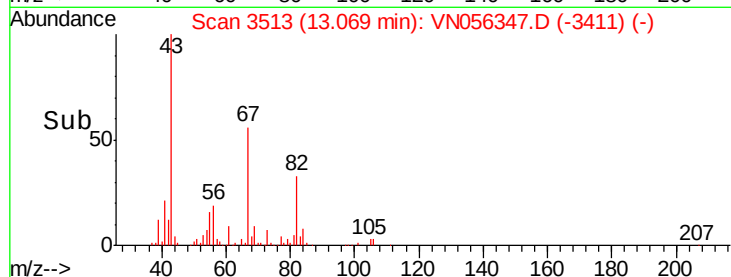
1000

500

0

13.00 13.05 13.10

Time-->



#95

Naphthalene

Concen: 4.807 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056347.D

Acq: 17 Jun 2019 17:57

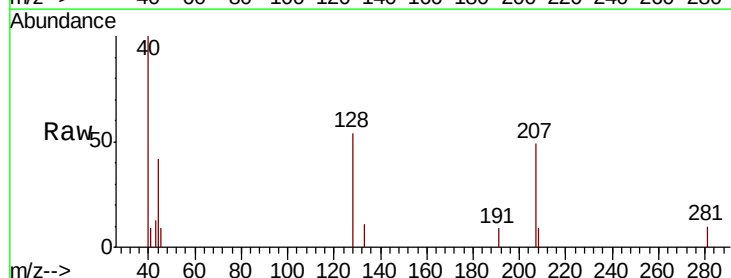
Tgt Ion:128 Resp: 1637

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

15.13

1200

1000

800

600

400

200

0

15.10 15.15

Time-->

