

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111518\
 Data File : VN052347.D
 Acq On : 15 Nov 2018 17:33
 Operator : MD\SY
 Sample : J5767-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 02:53:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	309533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	520852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	447380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161381	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	222782	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
35) Dibromofluoromethane	7.59	113	167437	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	10.09	98	665070	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	197180	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	

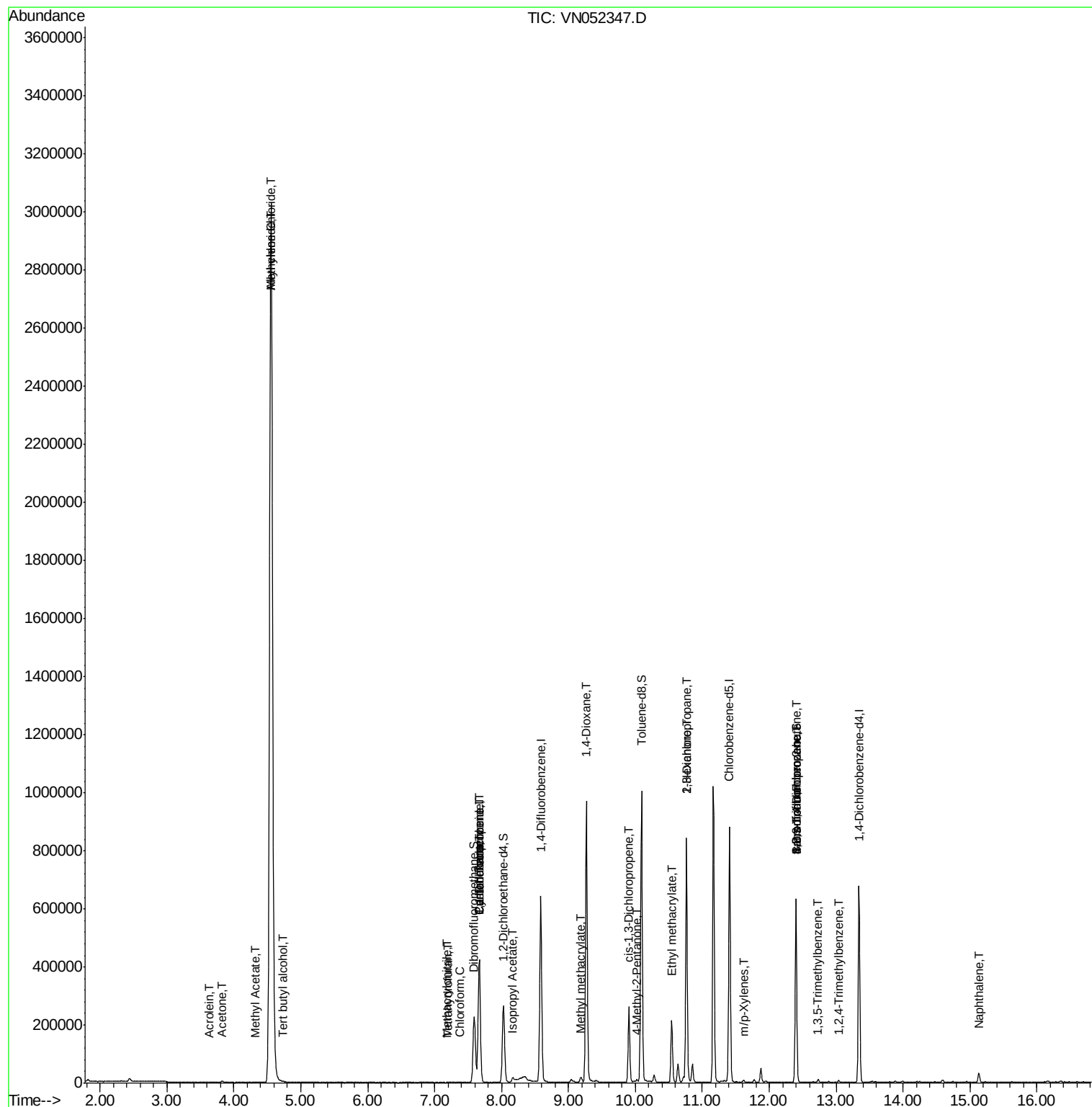
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	63	0.273	ug/l #	72
13) Acrolein	3.62	56	95	22.019	ug/l	96
14) Allyl chloride	4.55	41	94387	14.426	ug/l #	23
16) Acetone	3.82	43	8583	7.131	ug/l	94
18) Methyl Acetate	4.31	43	431	0.558	ug/l #	57
20) Methylene Chloride	4.55	84	2051964	567.595	ug/l	97
29) Tetrahydrofuran	7.21	42	471	0.423	ug/l #	40
30) Chloroform	7.38	83	2341	0.343	ug/l #	75
31) Cyclohexane	7.66	56	9750	0.415	ug/l #	22
36) 1,1-Dichloropropene	7.66	75	28358	5.432	ug/l #	52
38) Carbon Tetrachloride	7.66	117	32985	6.877	ug/l #	17
41) Methacrylonitrile	7.17	41	96	3.738	ug/l #	100
43) Isopropyl Acetate	8.17	43	20150	2.756	ug/l #	97
48) Methyl methacrylate	9.18	41	5801	1.564	ug/l #	16
49) 1,4-Dioxane	9.27	88	103	3.617	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	6975	1.895	ug/l #	41
54) cis-1,3-Dichloropropene	9.90	75	39034	6.752	ug/l #	70
56) Ethyl methacrylate	10.54	69	1081	0.254	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7636	1.333	ug/l #	43
59) 2-Hexanone	10.76	43	134626	53.184	ug/l #	55
68) m/p-Xylenes	11.62	106	1890	0.315	ug/l	95
71) Bromoform	12.40	173	1167	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	107809	39.370	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4103	0.398	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	107809	127.693	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.04	105	3760	0.363	ug/l	100
95) Naphthalene	15.13	128	24199	6.620	ug/l	98

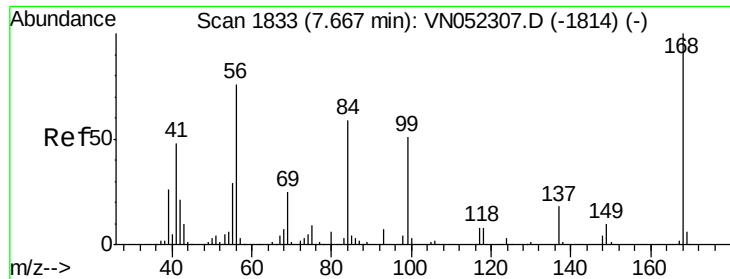
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111518\
Data File : VN052347.D
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ALS Vial : 19 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Nov 16 02:53:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

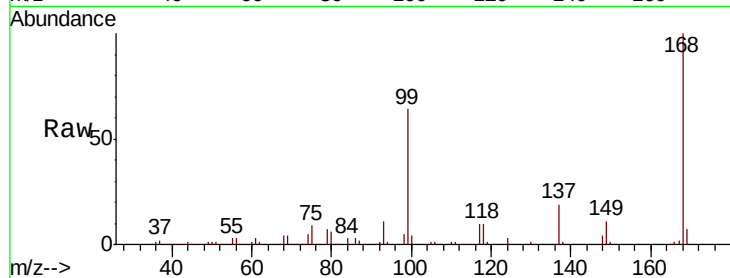
ClientSampled :

Tot Ion:168 Resp: 309533

Ion Ratio Lower Upper

168 100

99 64.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

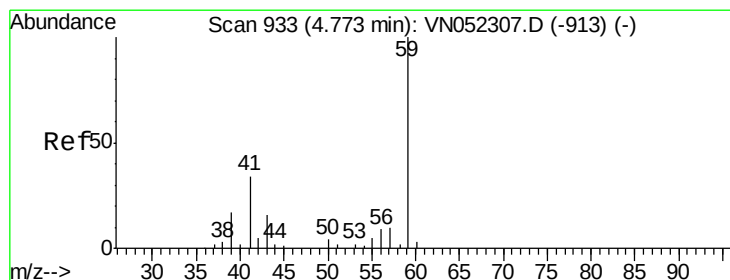
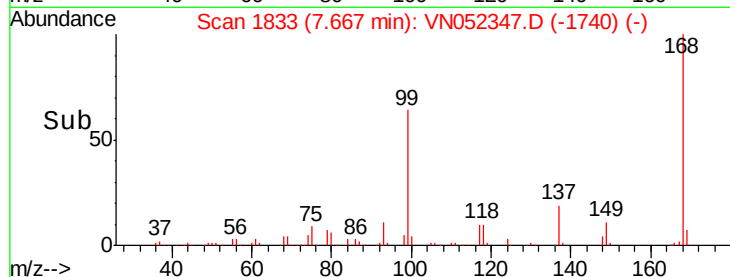
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.273 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.03 min

Lab File: VN052347.D

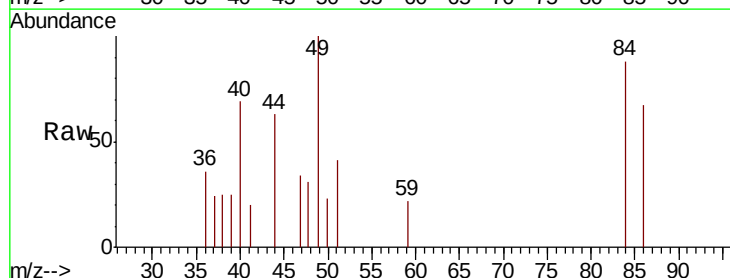
Acq: 15 Nov 2018 17:33

Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN052307.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN052307.D (-913) (-)

4.74

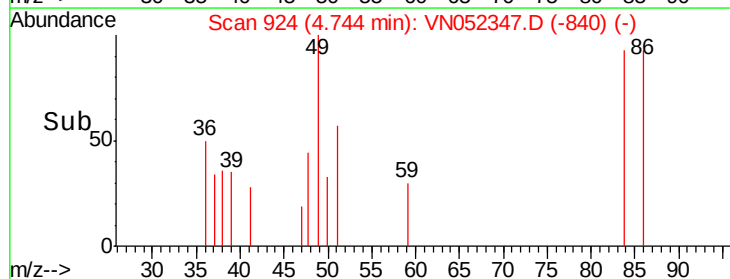
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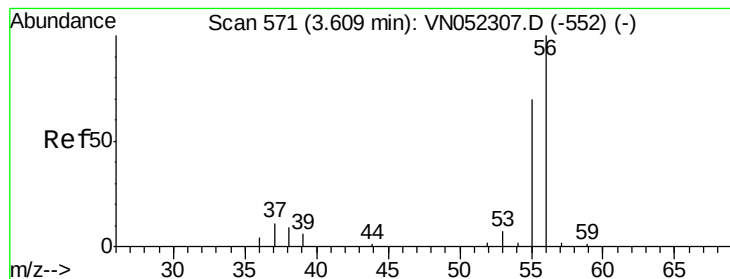
100

50

0

Time-->





#13

Acrolein

Concen: 22.019 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.01 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

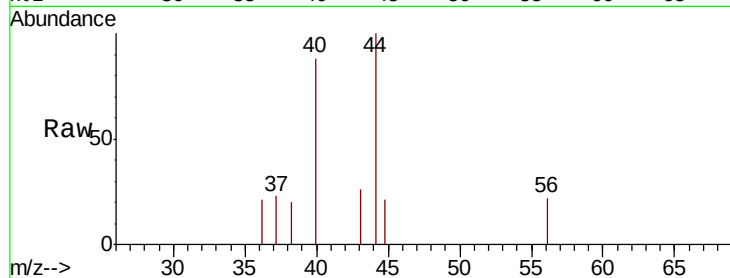
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 95

Ion Ratio Lower Upper

56 100

55 68.4 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.62

150

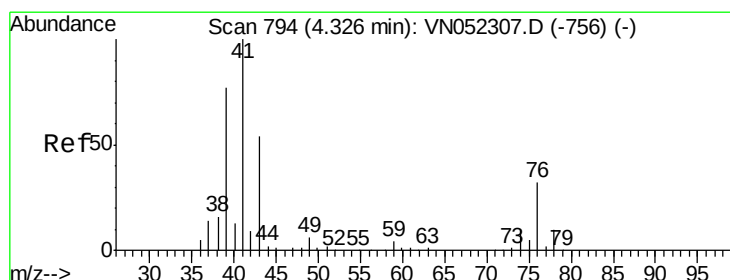
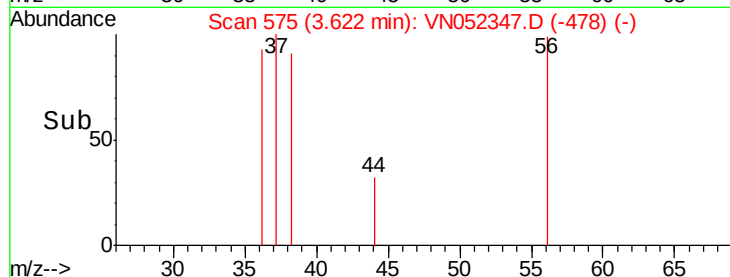
100

50

0

3.61 3.62 3.63

Time-->



#14

Allyl chloride

Concen: 14.426 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

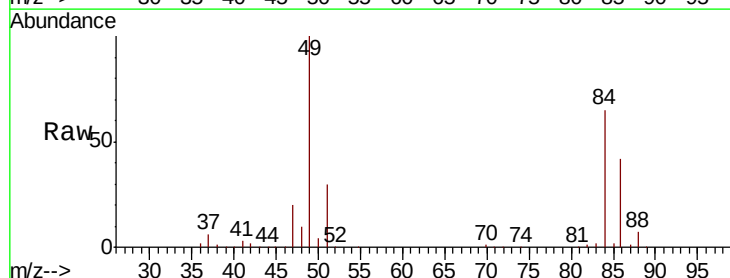
Tgt Ion: 41 Resp: 94387

Ion Ratio Lower Upper

41 100

39 1.3 59.1 88.7#

76 0.0 24.1 36.1#



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

4.55

30000

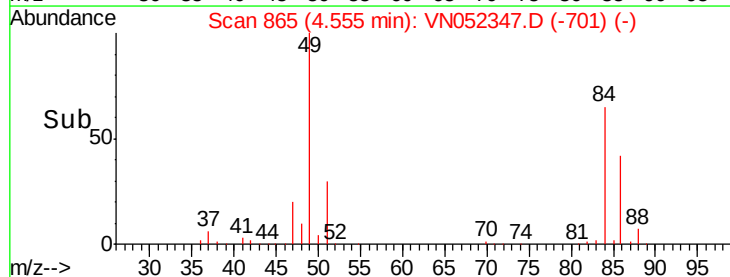
20000

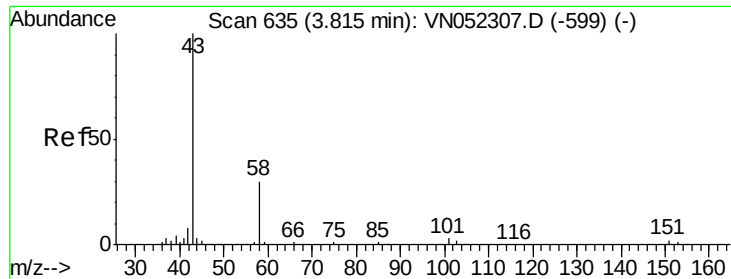
10000

0

4.45 4.50 4.55 4.60 4.65

Time-->

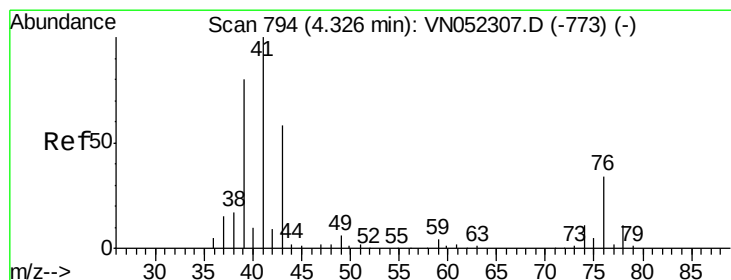
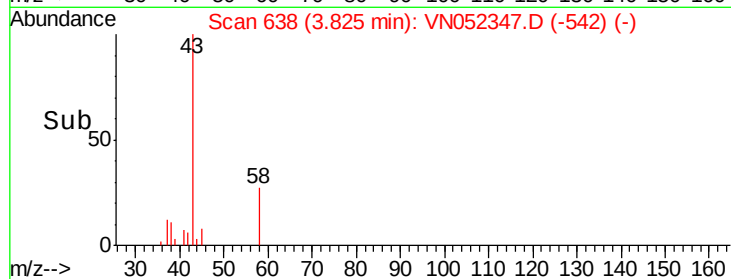
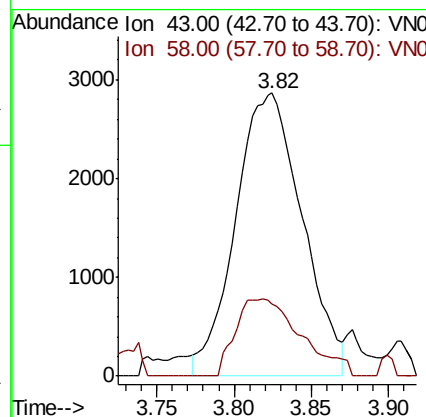
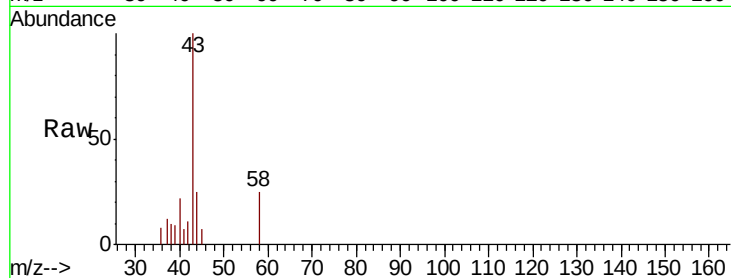




#16
Acetone
Concen: 7.131 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

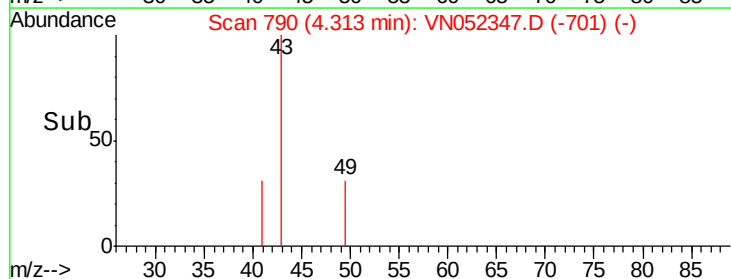
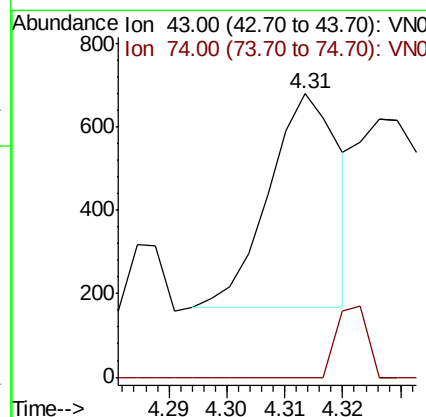
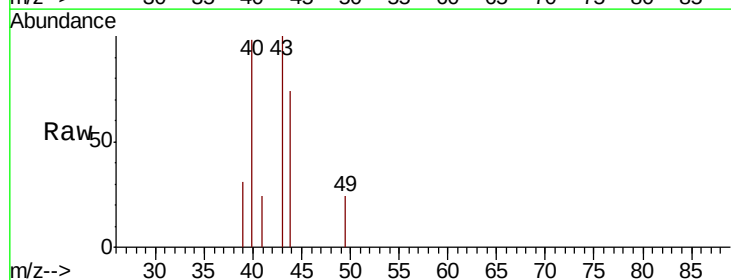
Instrument :
MSVOA_N
ClientSampleId :

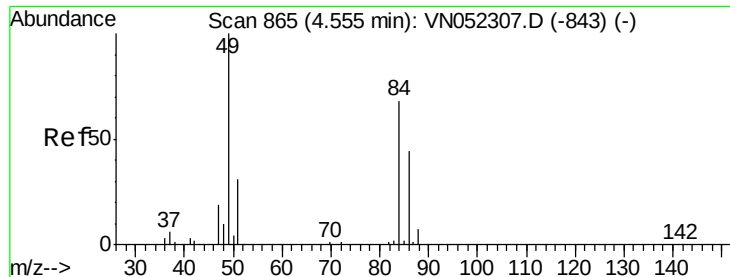
Tot Ion: 43 Resp: 8583
Ion Ratio Lower Upper
43 100
58 27.3 24.2 36.4



#18
Methyl Acetate
Concen: 0.558 ug/l
RT: 4.31 min Scan# 790
Delta R.T. -0.01 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
74 0.0 15.9 23.9#



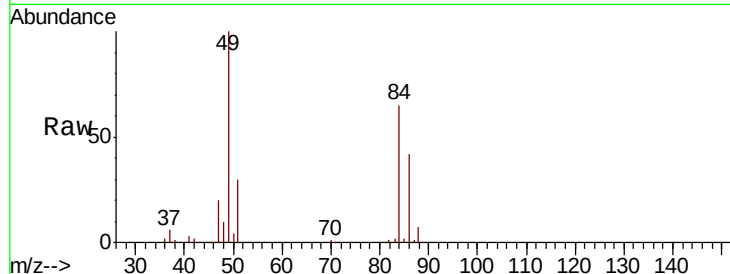


#20
Methvlene Chloride
Concen: 567.595 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 2051964

Ion	Ratio	Lower	Upper
84	100		
49	152.8	118.2	177.2
51	46.5	36.1	54.1
86	64.1	51.6	77.4



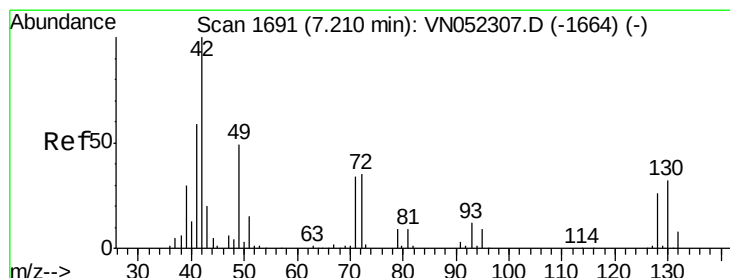
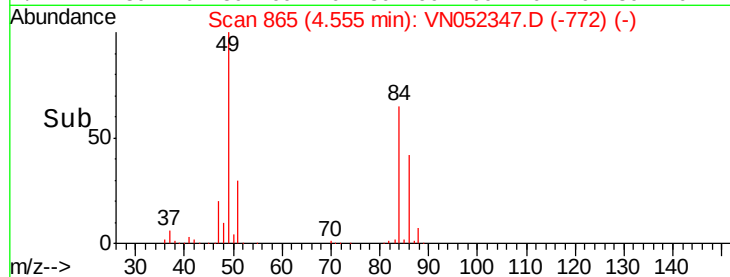
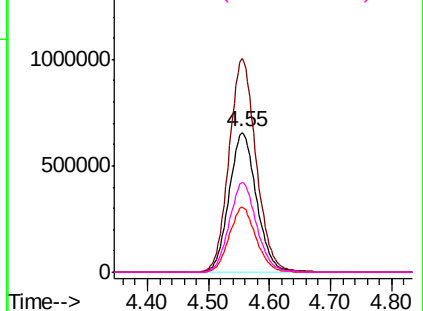
Abundance

Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

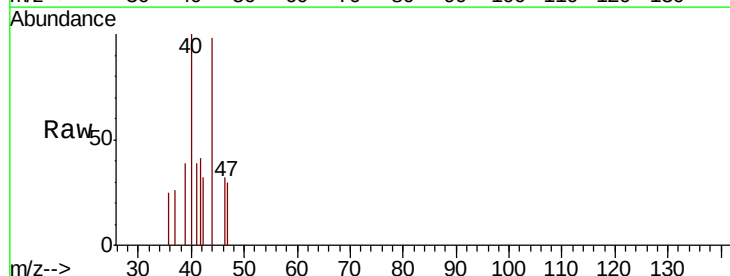
Ion 85.90 (85.60 to 86.60): VNC



#29
Tetrahydrofuran
Concen: 0.423 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

Tgt Ion: 42 Resp: 471

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.6	42.8#
71	0.0	26.7	40.1#

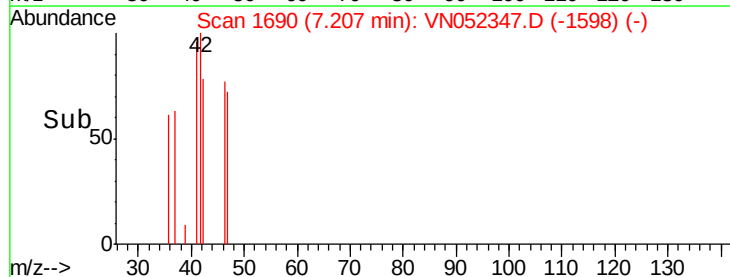
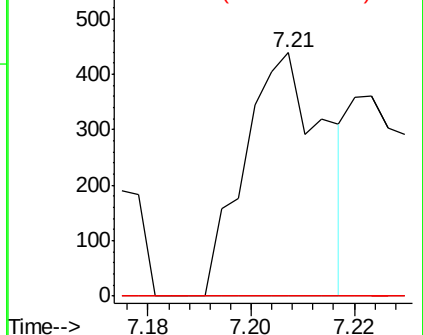


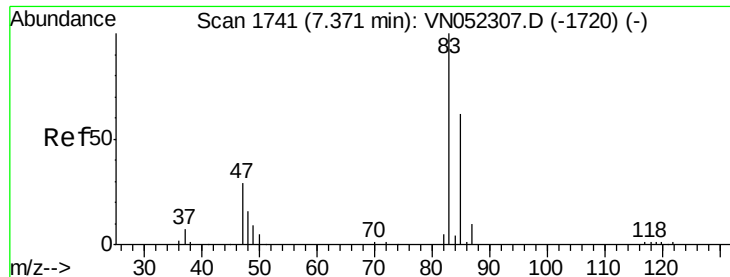
Abundance

Ion 42.00 (41.70 to 42.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

Ion 71.00 (70.70 to 71.70): VNC

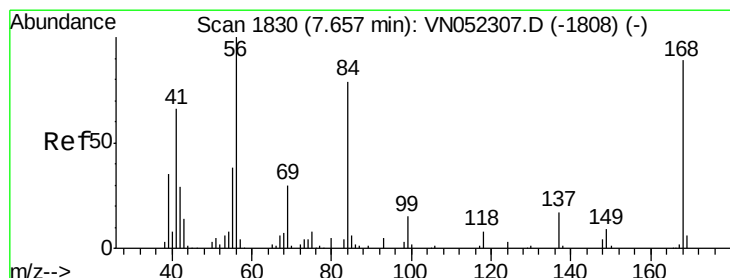
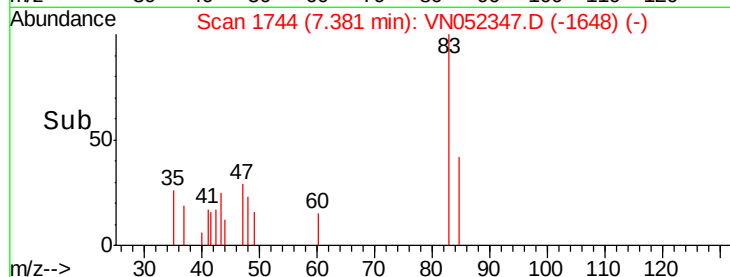
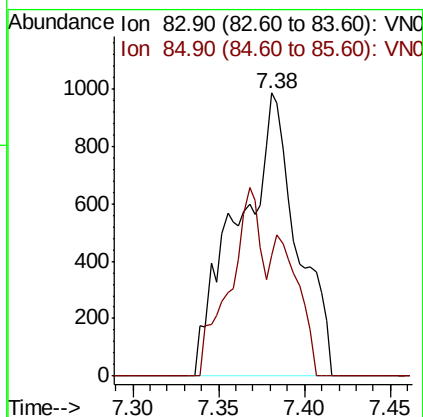
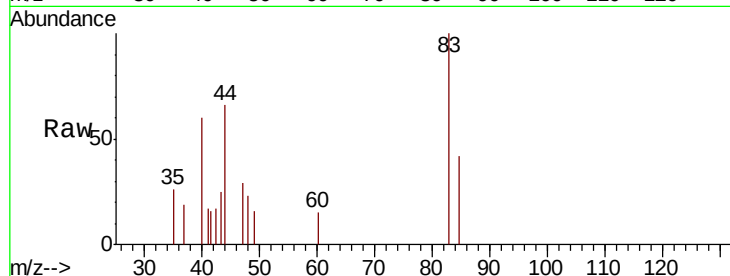




#30
Chloroform
Concen: 0.343 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

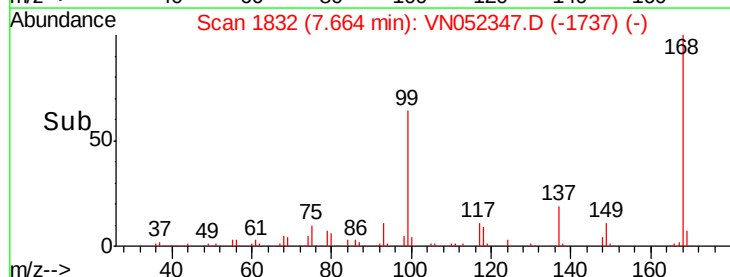
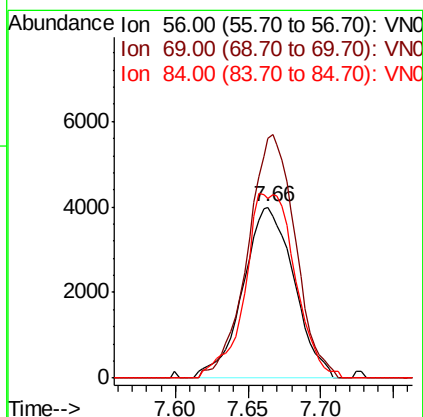
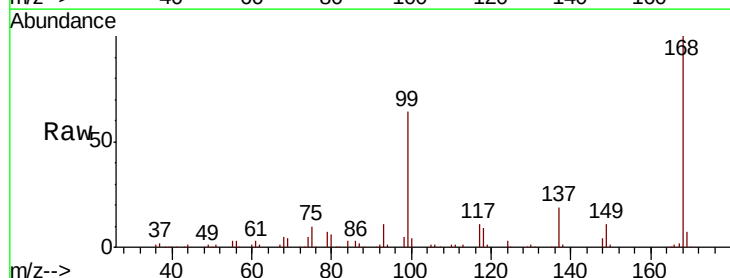
Instrument :
MSVOA_N
ClientSampled :

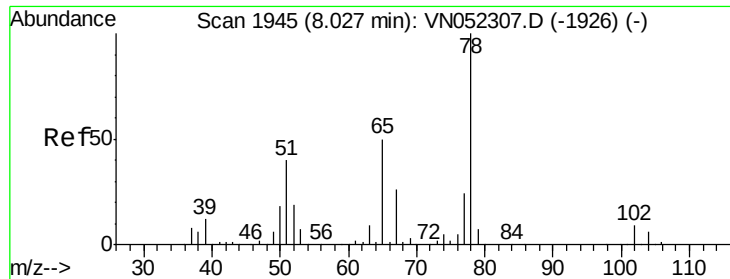
Tot Ion: 83 Resp: 2341
Ion Ratio Lower Upper
83 100
85 42.5 49.4 74.2#



#31
Cyclohexane
Concen: 0.415 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

Tgt Ion: 56 Resp: 9750
Ion Ratio Lower Upper
56 100
69 140.3 23.8 35.8#
84 105.4 63.0 94.6#

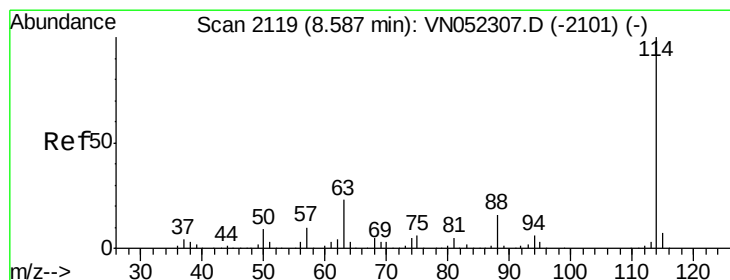
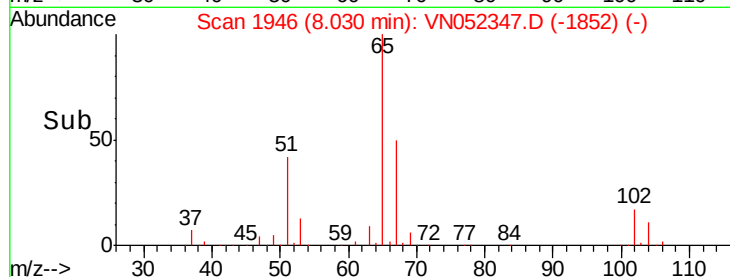
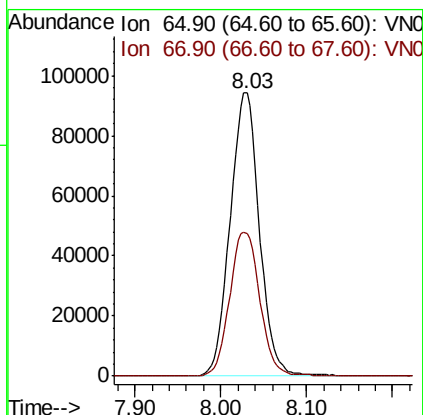
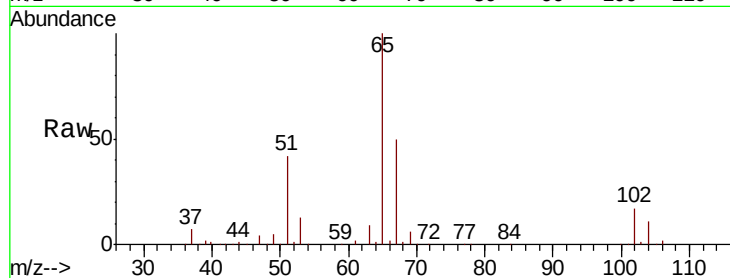




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052347.D
 Acq: 15 Nov 2018 17:33

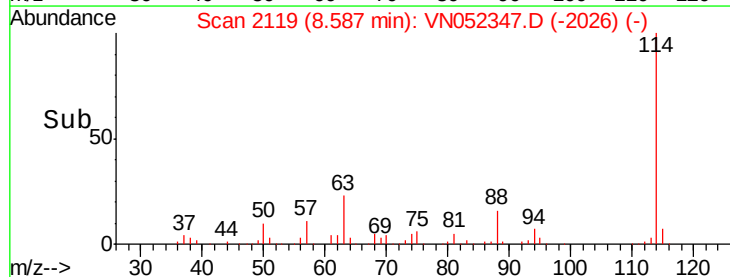
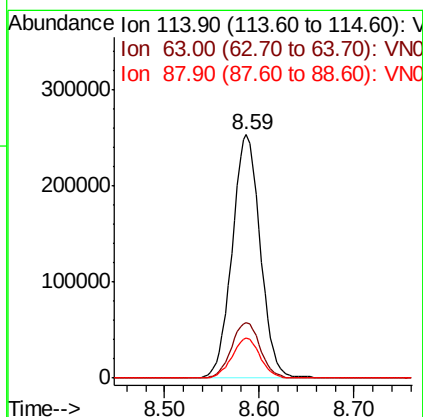
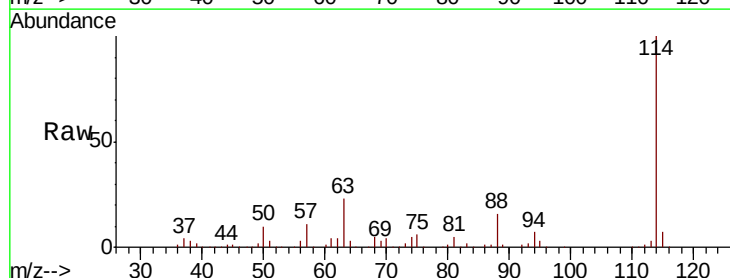
Instrument :
 MSVOA_N
 ClientSampleId :

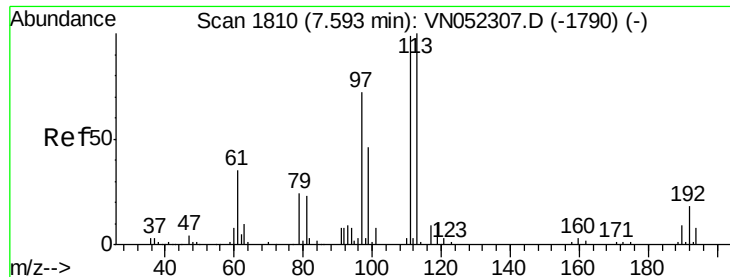
Tot Ion: 65 Resp: 222782
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052347.D
 Acq: 15 Nov 2018 17:33

Tgt Ion: 114 Resp: 520852
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.4
 88 16.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

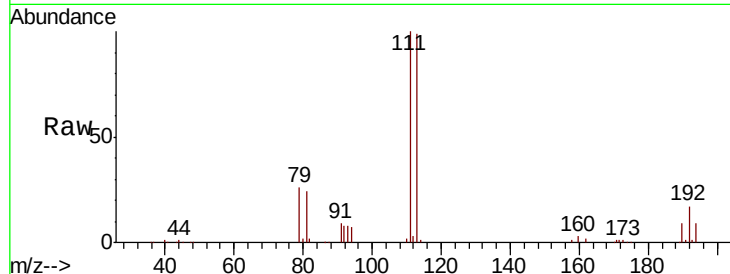
Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 167437

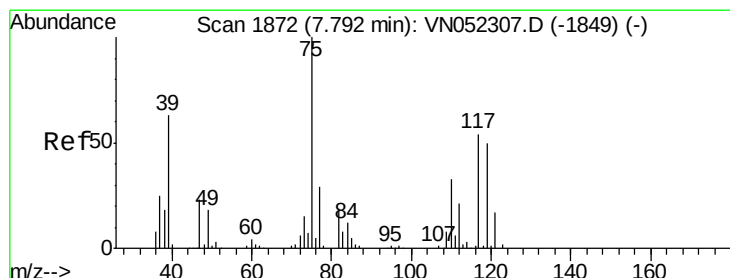
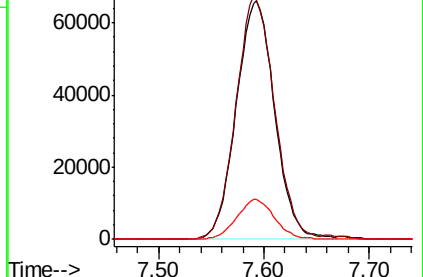
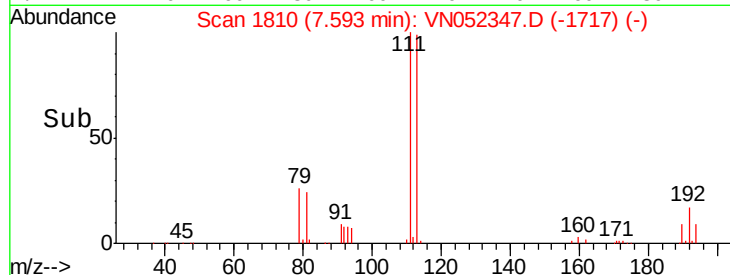
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.6
192	16.6	13.8	20.6



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: 5.432 ug/l

RT: 7.66 min Scan# 1832

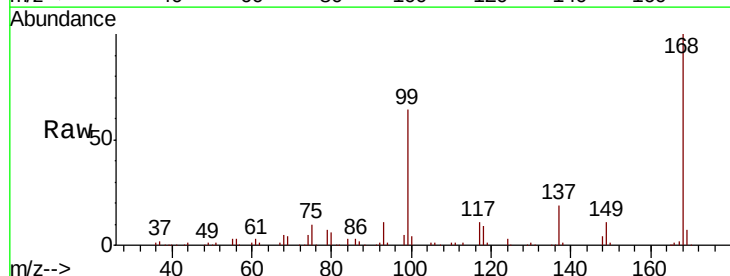
Delta R.T. -0.13 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Tgt Ion: 75 Resp: 28358

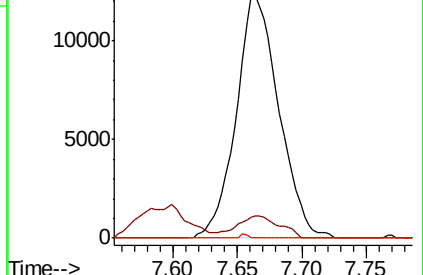
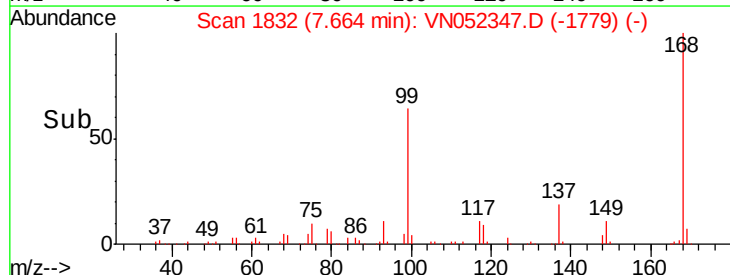
Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.5	49.5#
77	0.2	24.2	36.2#

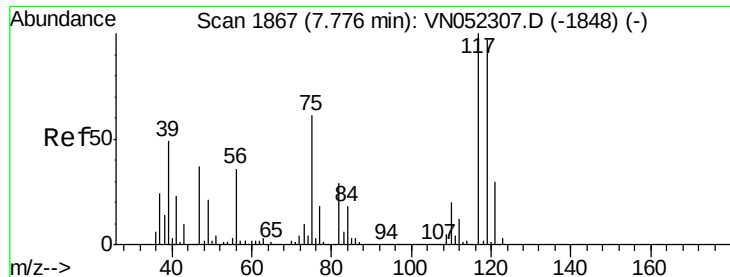


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 6.877 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

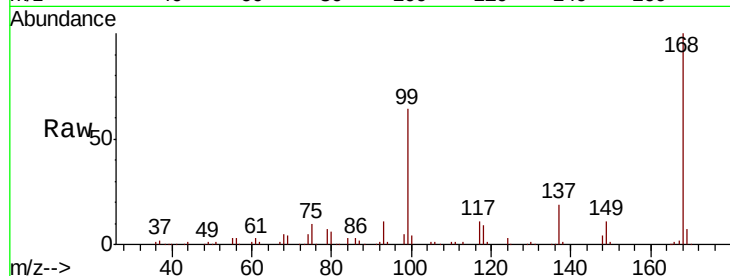
Tot Ion:117 Resp: 32985

Ion Ratio Lower Upper

117 100

119 7.0 77.4 116.0#

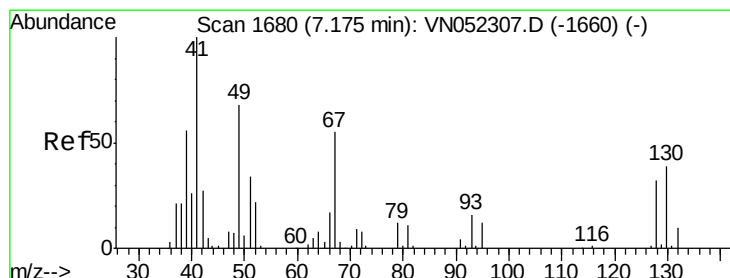
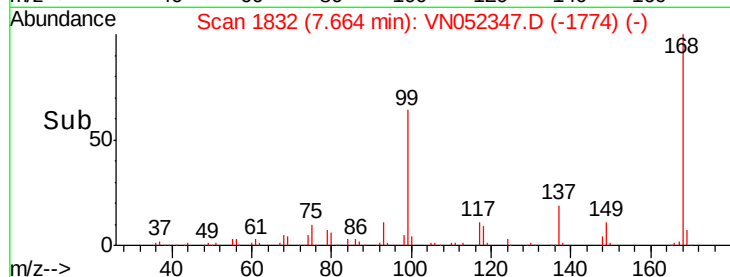
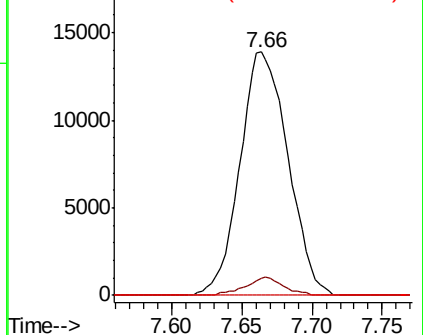
121 0.0 24.0 36.0#



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: 3.738 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.01 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Tgt Ion: 41 Resp: 96

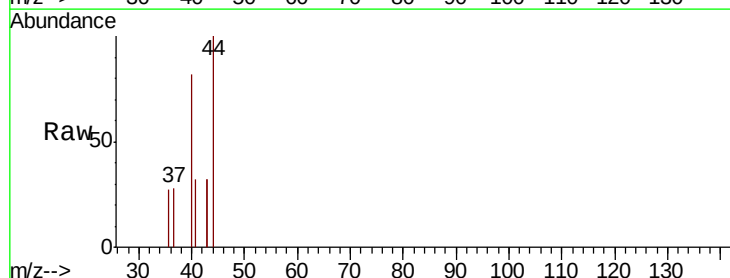
Ion Ratio Lower Upper

41 100

39 254.2 0.0 0.0#

67 0.0 0.0 0.0

52 72.9 0.0 0.0#

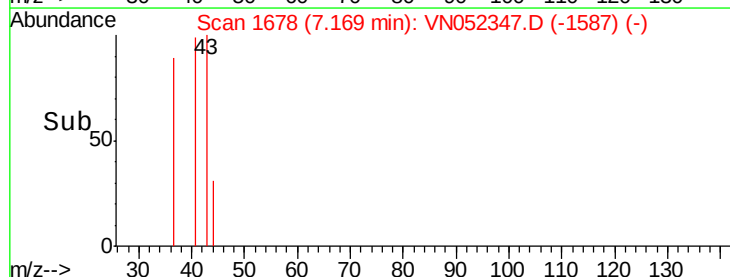
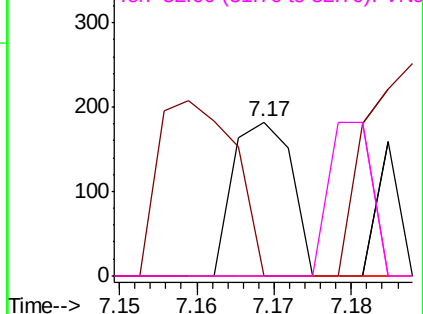


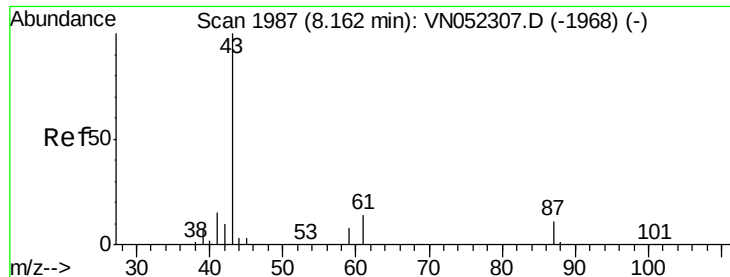
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 2.756 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

ClientSampled :

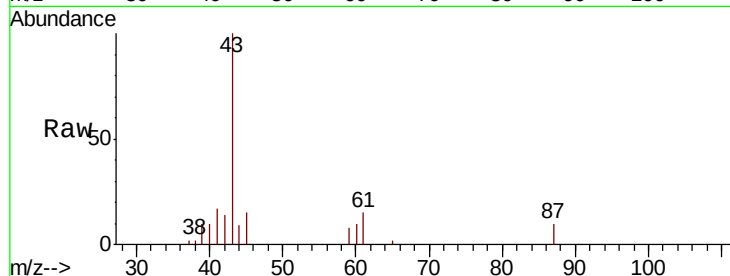
Tot Ion: 43 Resp: 20150

Ion Ratio Lower Upper

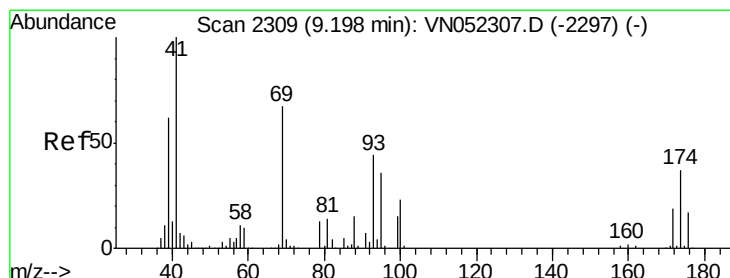
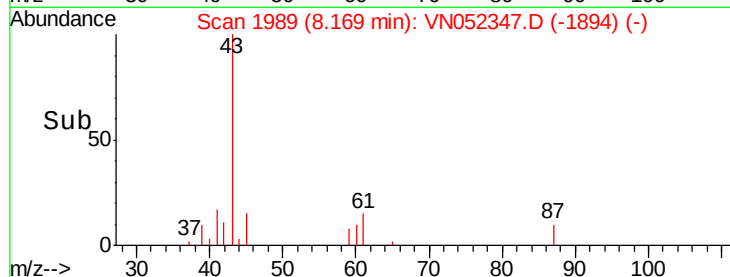
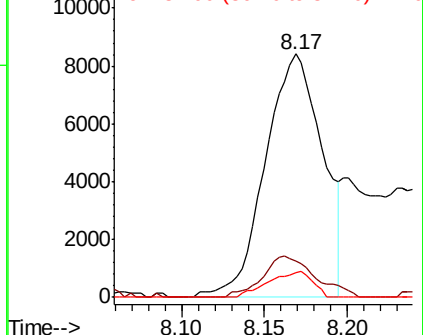
43 100

61 15.5 12.0 18.0

87 8.2 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 1.564 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

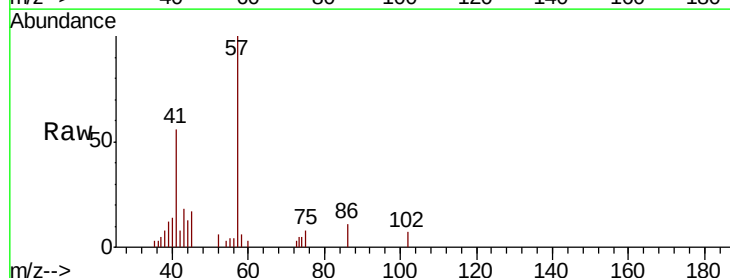
Tgt Ion: 41 Resp: 5801

Ion Ratio Lower Upper

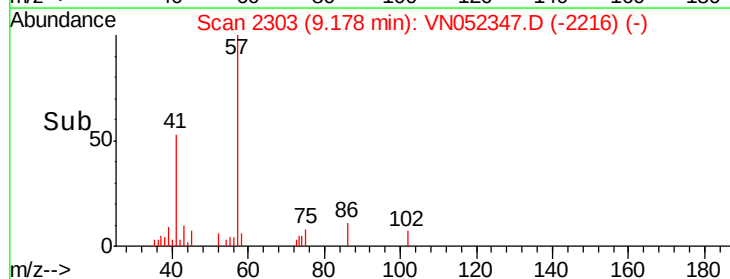
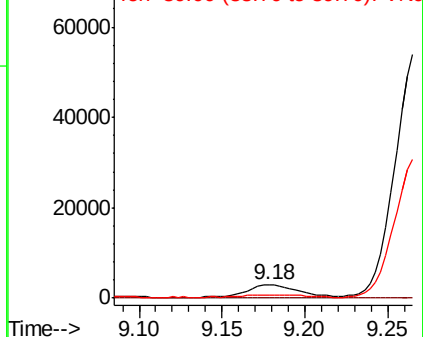
41 100

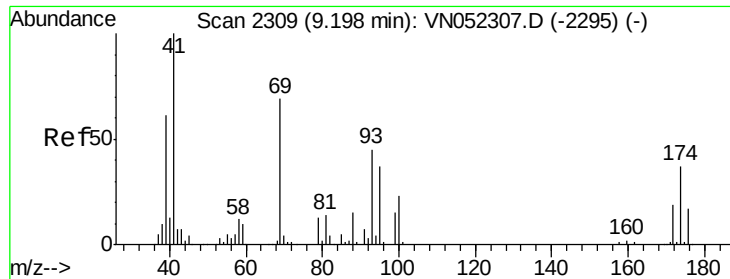
69 0.0 57.1 85.7#

39 0.0 52.5 78.7#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 3.617 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :

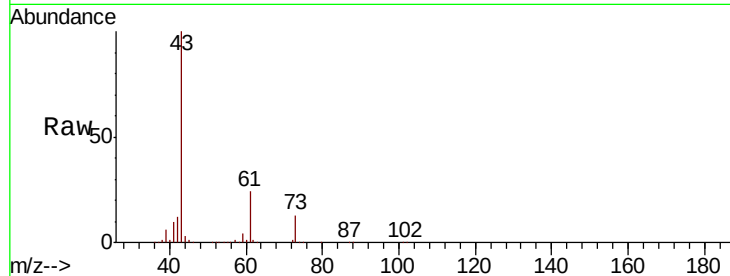
Tot Ion: 88 Resp: 103

Ion Ratio Lower Upper

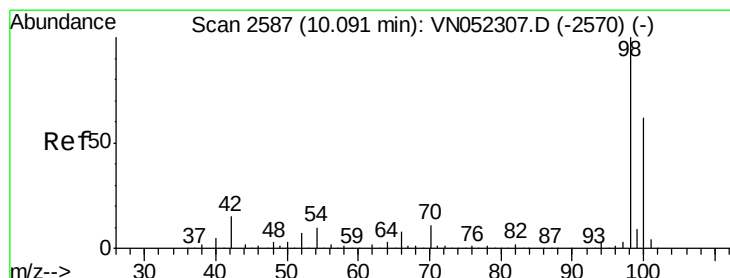
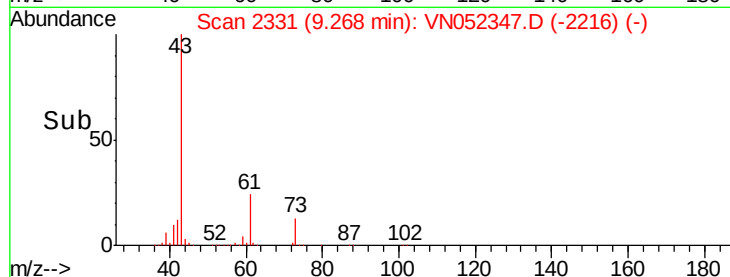
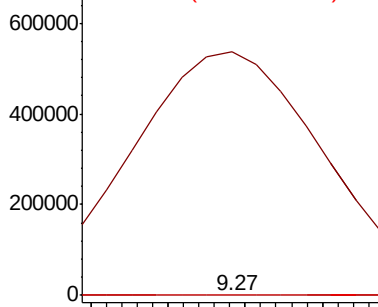
88 100

43 958934.0 33.3 49.9#

58 4041.7 59.2 88.8#



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: 3.617 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052347.D

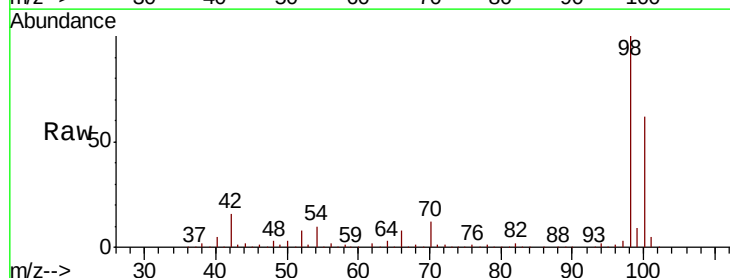
Acq: 15 Nov 2018 17:33

Tgt Ion: 98 Resp: 665070

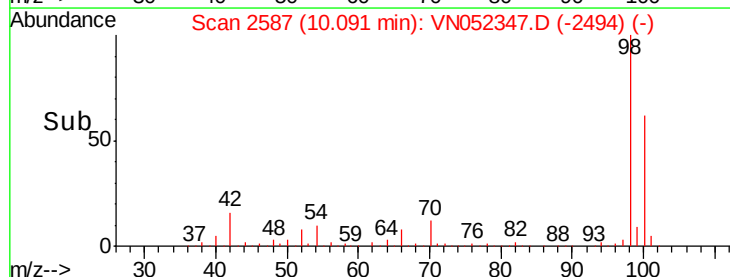
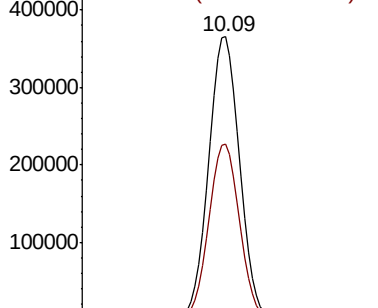
Ion Ratio Lower Upper

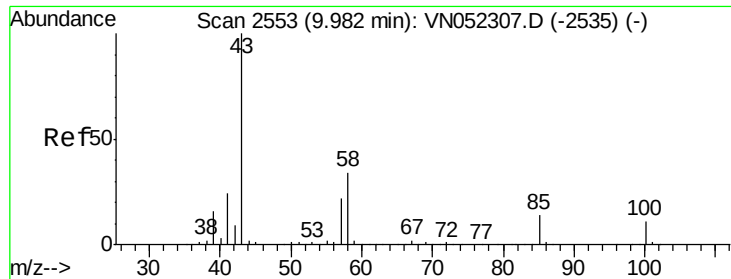
98 100

100 61.9 49.5 74.3



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: 1.895 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

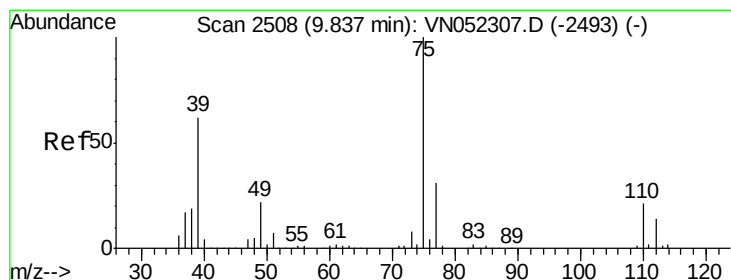
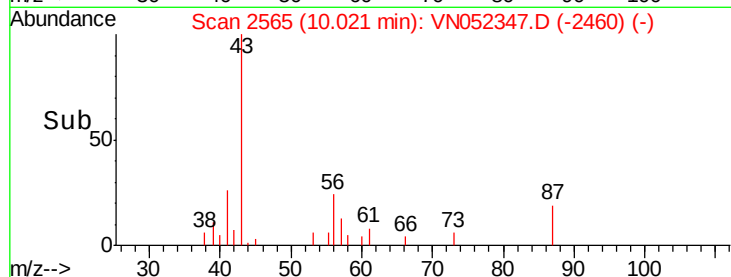
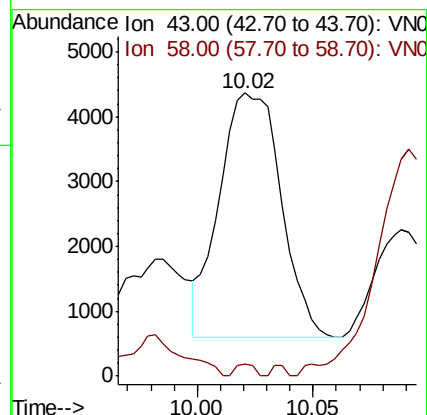
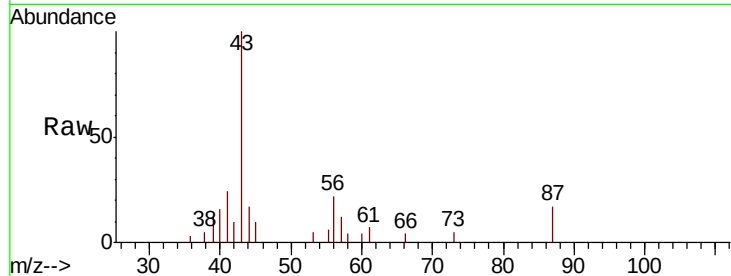
ClientSampled :

Tot Ion: 43 Resp: 6975

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.6#



#54

cis-1,3-Dichloropropene

Concen: 6.752 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

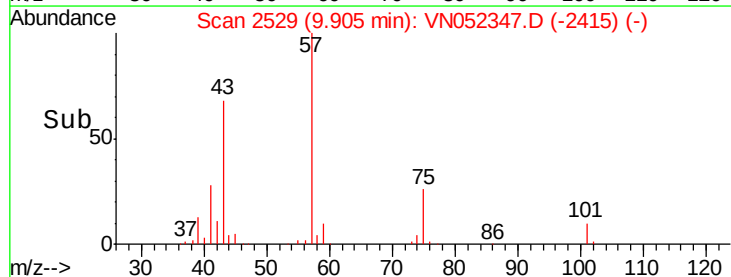
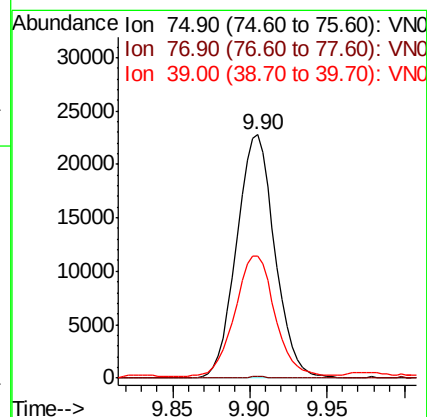
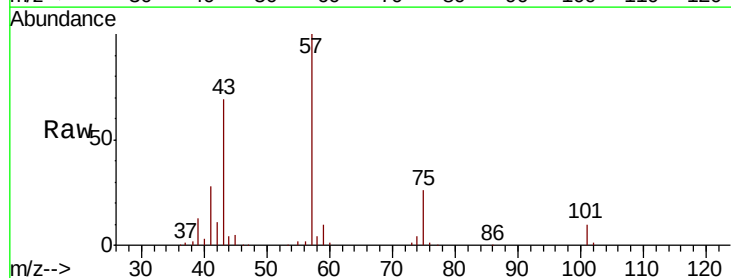
Tgt Ion: 75 Resp: 39034

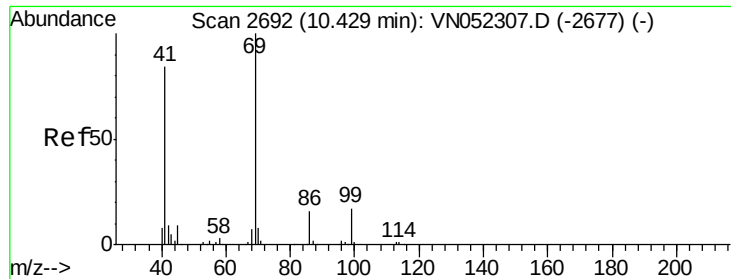
Ion Ratio Lower Upper

75 100

77 0.9 24.6 36.8#

39 48.8 49.9 74.9#

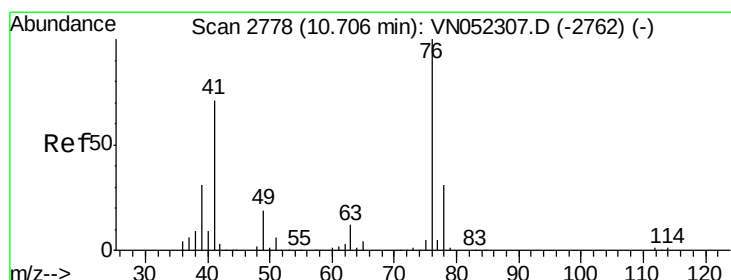
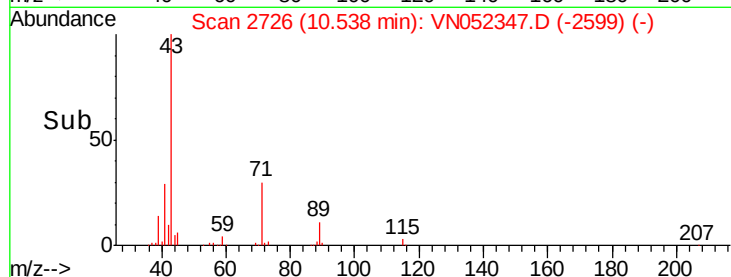
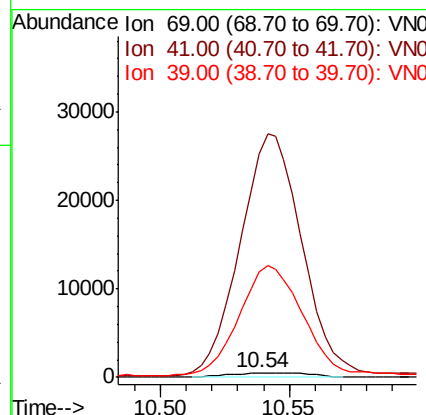
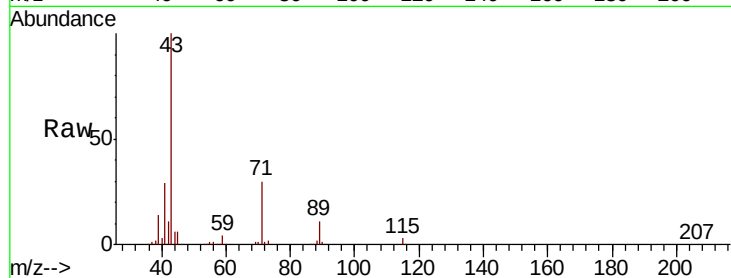




#56
Ethyl methacrylate
Concen: 0.254 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.11 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

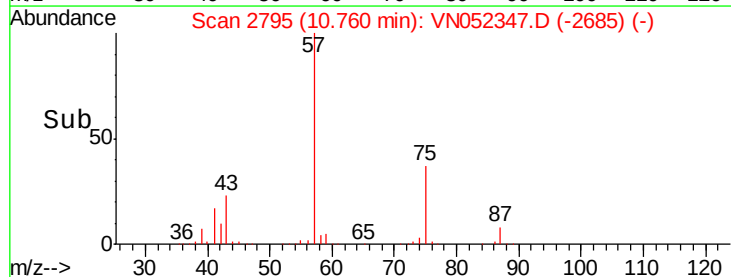
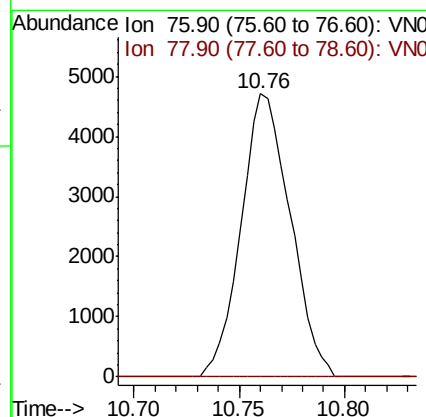
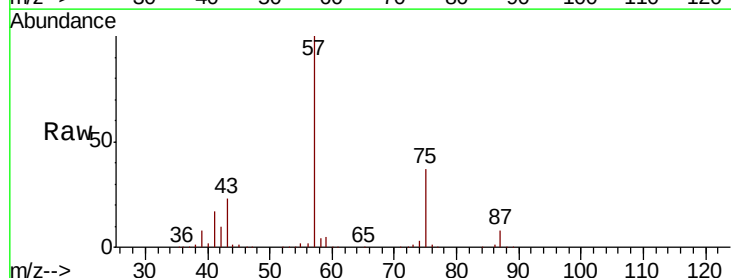
Instrument :
MSVOA_N
ClientSampleId :

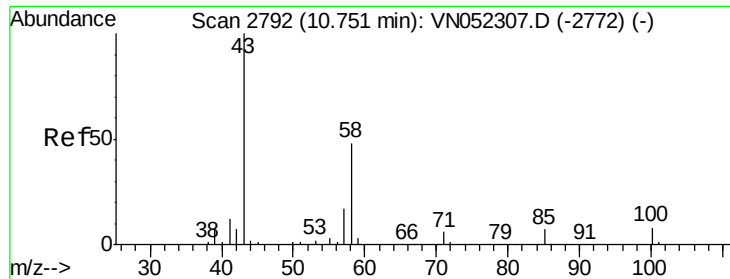
Tot Ion: 69 Resp: 1081
Ion Ratio Lower Upper
69 100
41 4235.6 64.8 97.2#
39 1975.7 41.0 61.6#



#57
1,3-Dichloropropane
Concen: 1.333 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.05 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

Tgt Ion: 76 Resp: 7636
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

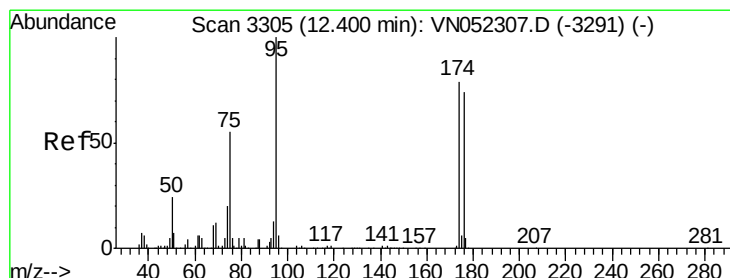
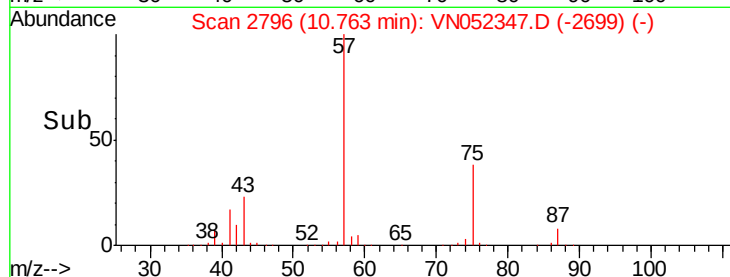
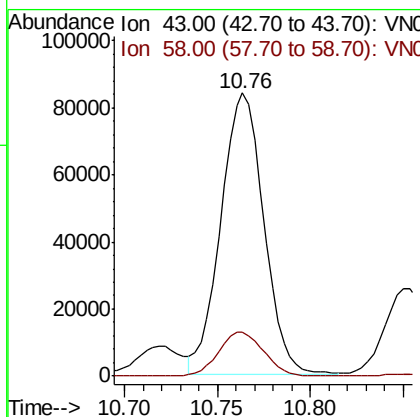
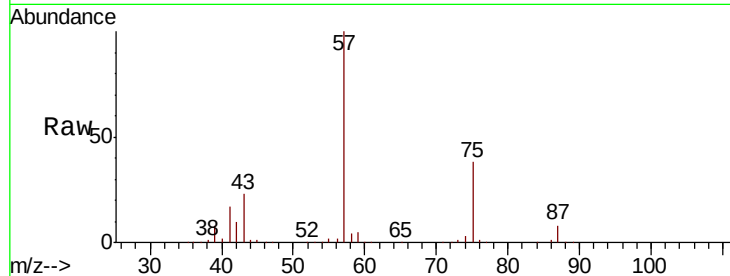




#59
2-Hexanone
Concen: 53.184 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

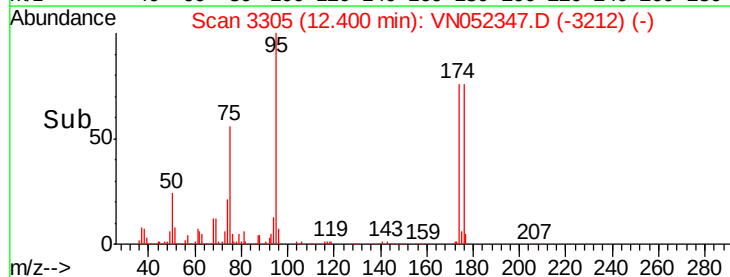
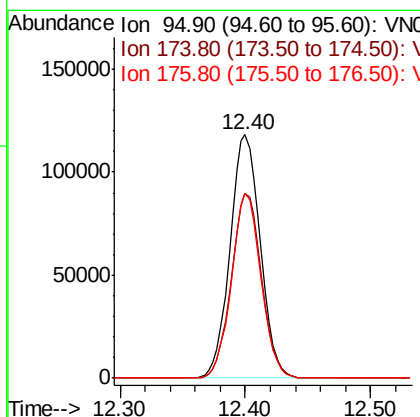
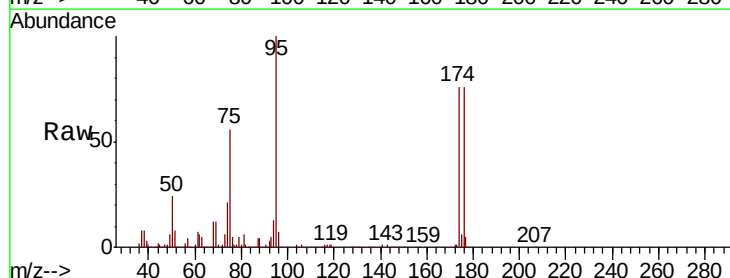
Instrument :
MSVOA_N
ClientSampled :

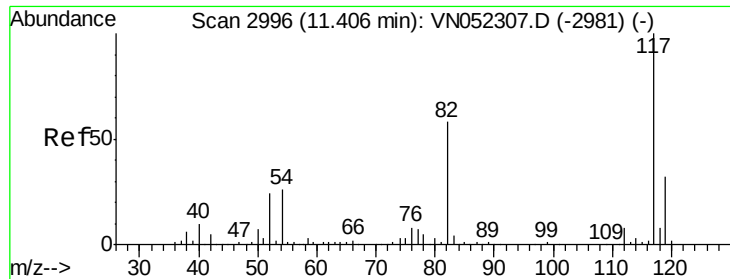
Tot Ion: 43 Resp: 134626
Ion Ratio Lower Upper
43 100
58 16.8 23.5 70.6#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

Tgt Ion: 95 Resp: 197180
Ion Ratio Lower Upper
95 100
174 75.7 0.0 156.0
176 74.0 0.0 148.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

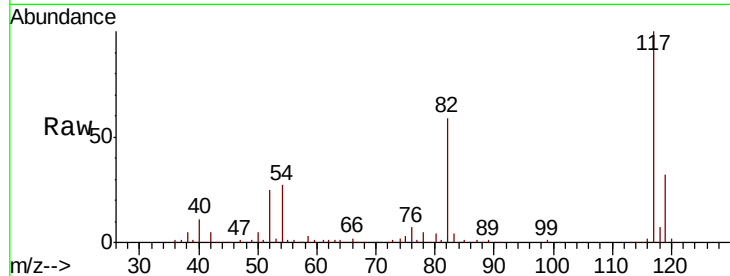
Tot Ion:117 Resp: 447380

Ion Ratio Lower Upper

117 100

82 59.4 46.5 69.7

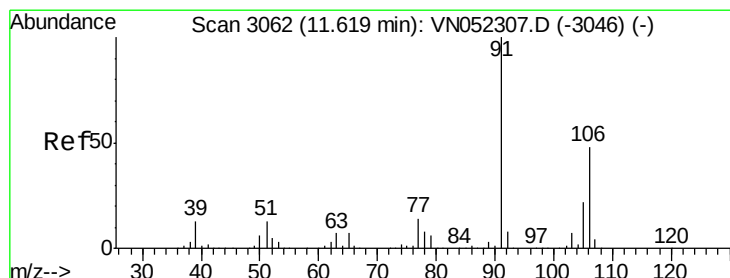
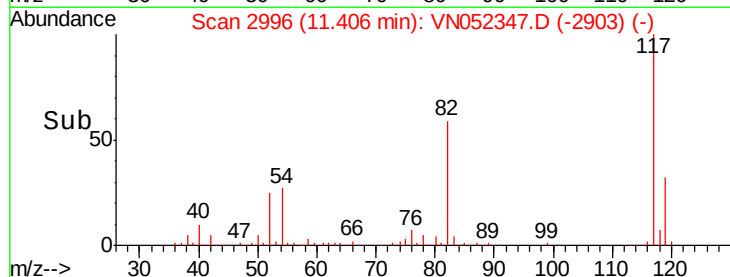
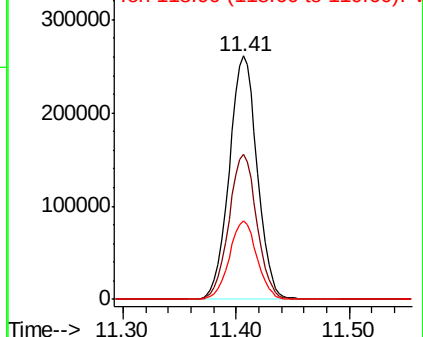
119 32.3 25.7 38.5



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



#68

m/p-Xylenes

Concen: 0.315 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN052347.D

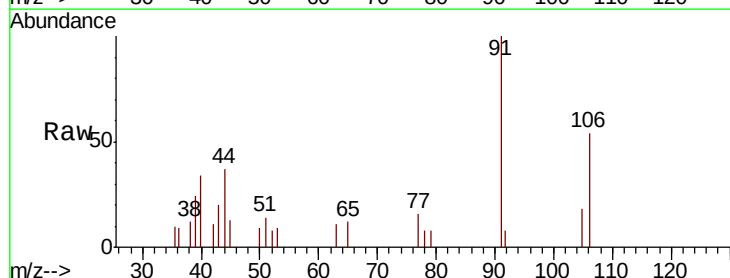
Acq: 15 Nov 2018 17:33

Tgt Ion:106 Resp: 1890

Ion Ratio Lower Upper

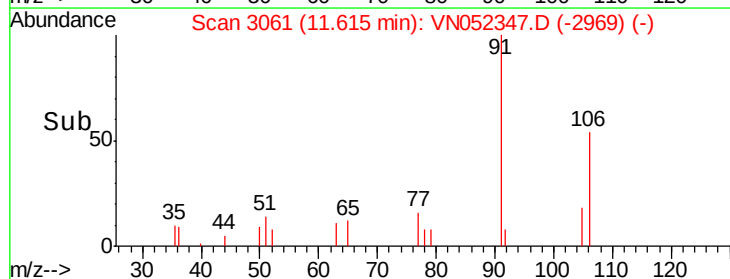
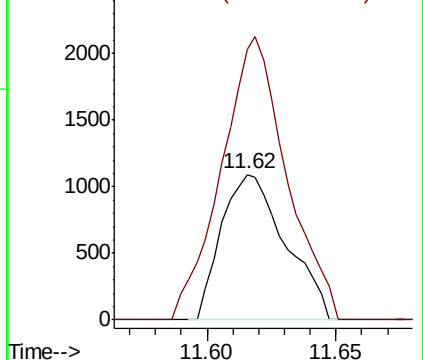
106 100

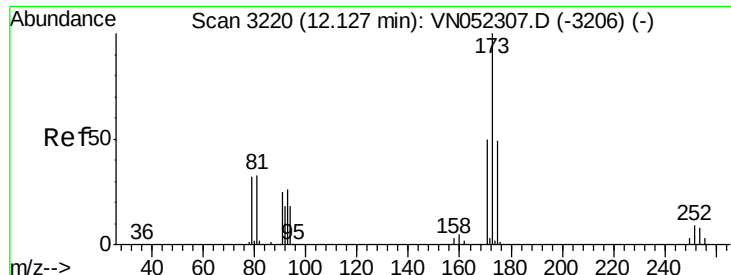
91 198.5 165.5 248.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.613 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

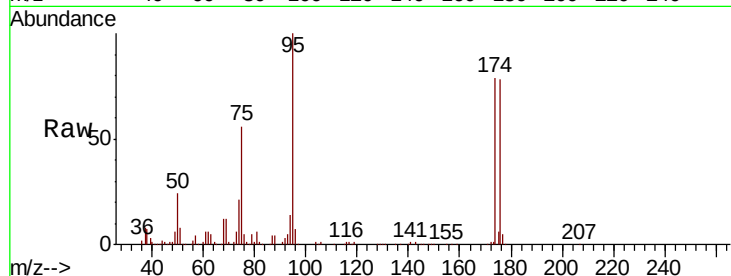
Tot Ion:173 Resp: 1167

Ion Ratio Lower Upper

173 100

175 901.0 25.0 75.0#

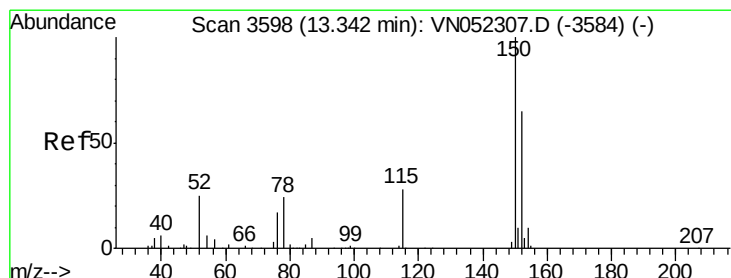
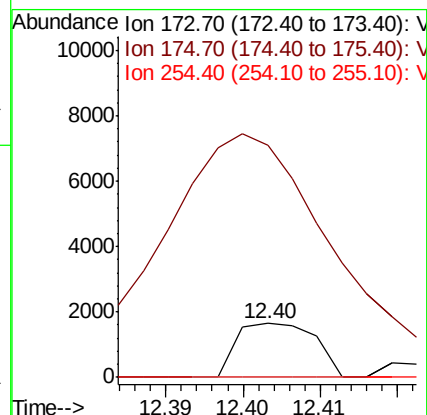
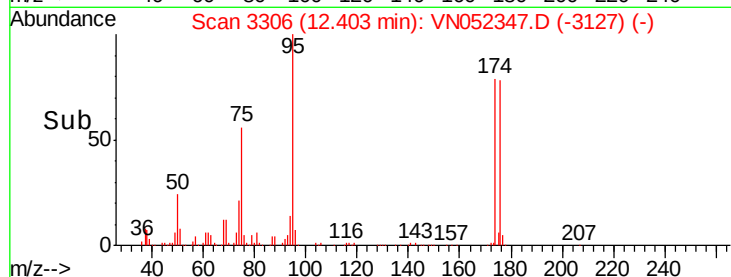
254 0.0 0.0 0.0



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: VN052347.D

Acq: 15 Nov 2018 17:33

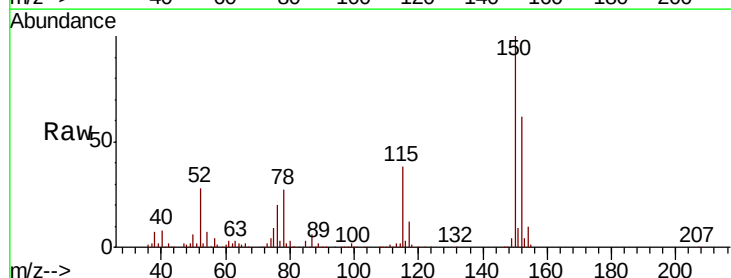
Tgt Ion:152 Resp: 161381

Ion Ratio Lower Upper

152 100

115 60.5 30.3 91.0

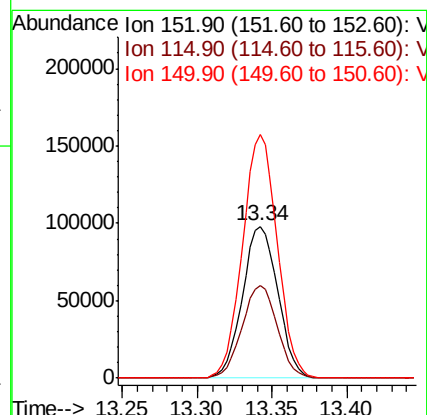
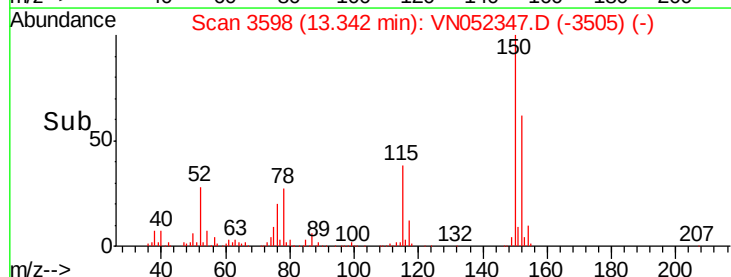
150 157.2 0.0 348.2

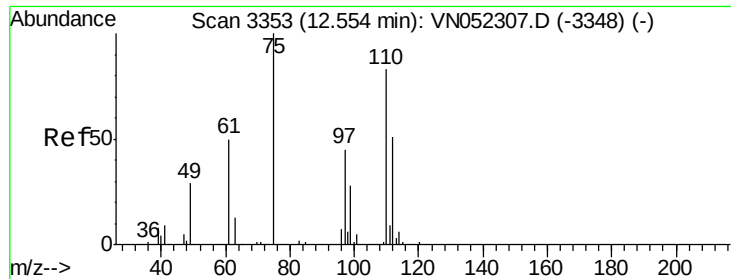


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

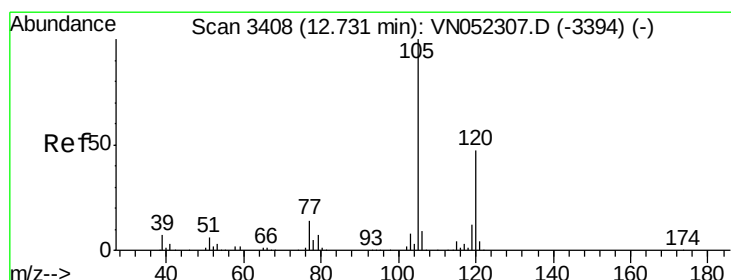
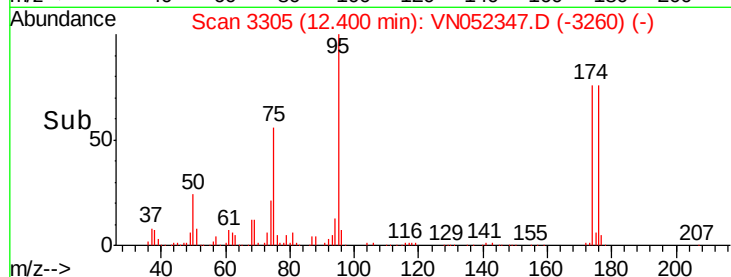
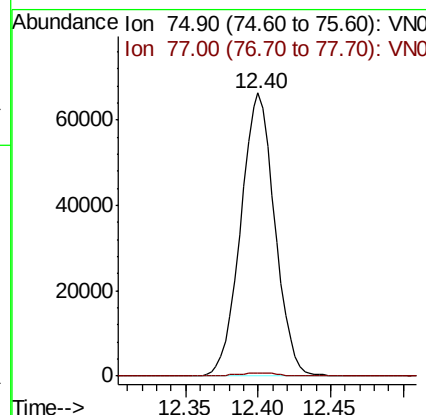
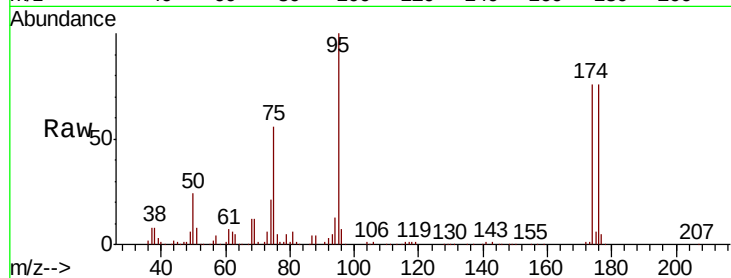




#76
 1,2,3-Trichloropropane
 Concen: 39.370 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN052347.D
 Acq: 15 Nov 2018 17:33

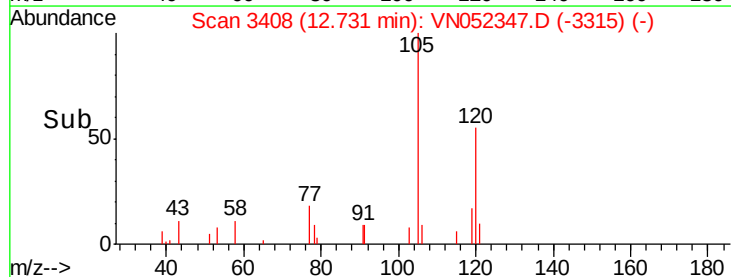
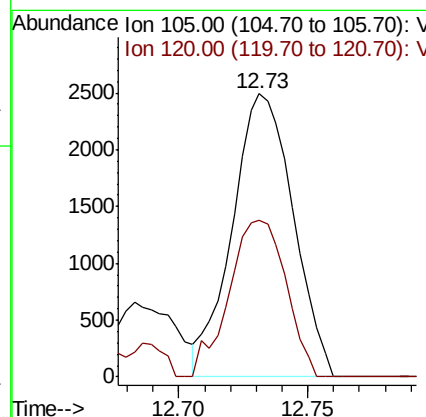
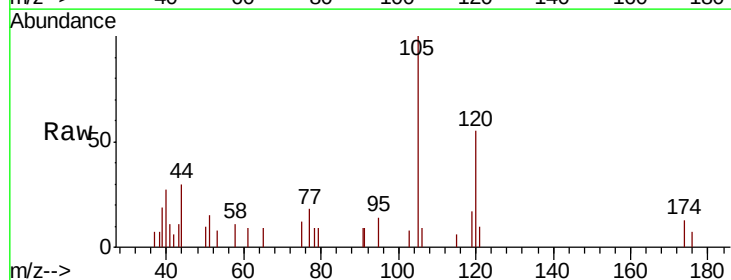
Instrument :
 MSVOA_N
 ClientSampled :

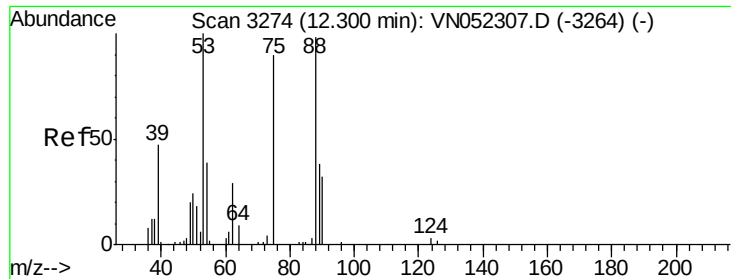
Tot Ion: 75 Resp: 107809
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.398 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN052347.D
 Acq: 15 Nov 2018 17:33

Tgt Ion:105 Resp: 4103
 Ion Ratio Lower Upper
 105 100
 120 51.6 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 127.693 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

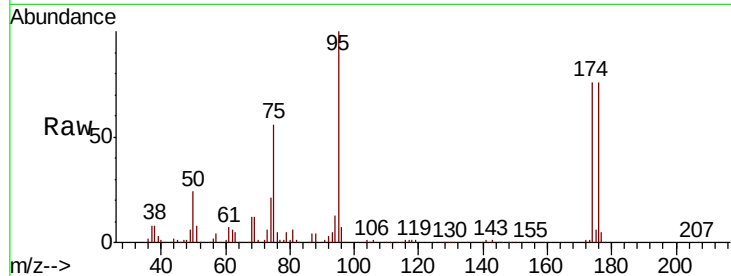
Tot Ion: 75 Resp: 107809

Ion Ratio Lower Upper

75 100

53 0.1 90.2 135.2#

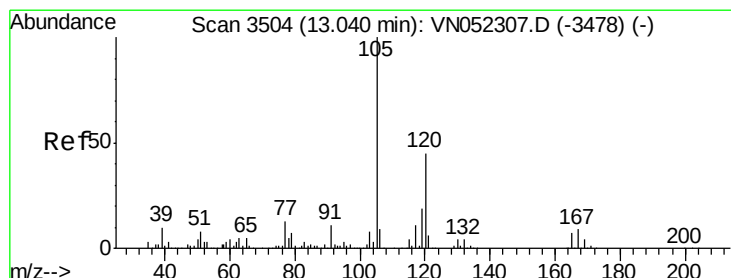
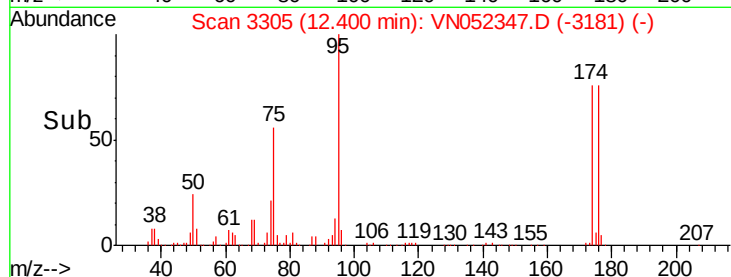
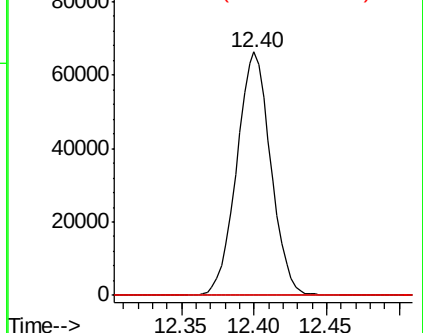
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.363 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052347.D

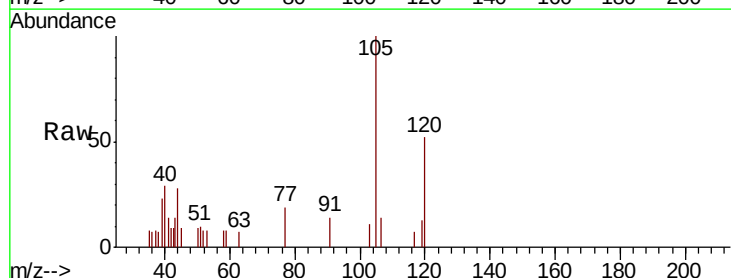
Acq: 15 Nov 2018 17:33

Tgt Ion:105 Resp: 3760

Ion Ratio Lower Upper

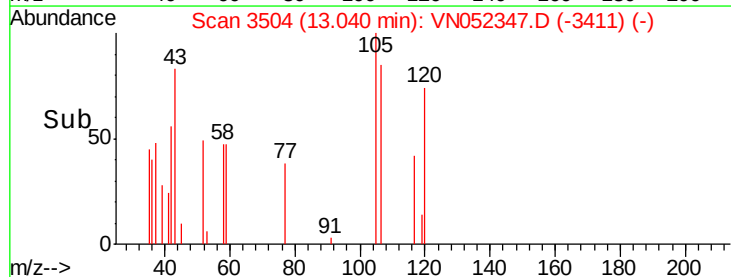
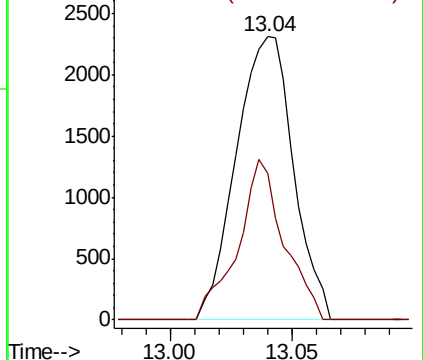
105 100

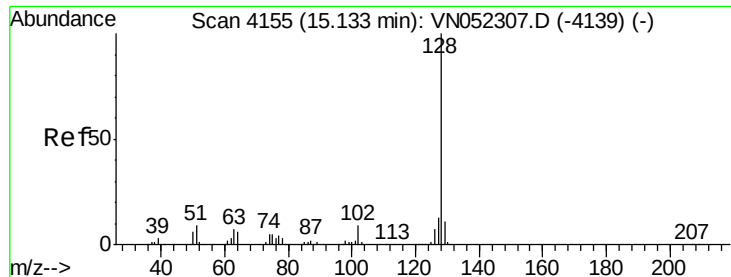
120 45.2 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

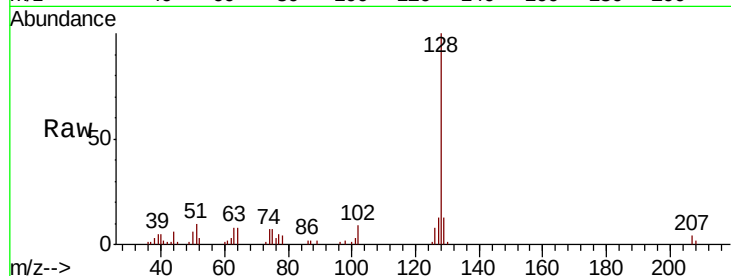




#95
Naphthalene
Concen: 6.620 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	12.0	8.6	13.0



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

