

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055238.D
 Acq On : 25 Apr 2019 11:15
 Operator : JC/SP
 Sample : PB119197TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119197TB

Quant Time: Apr 26 02:16:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

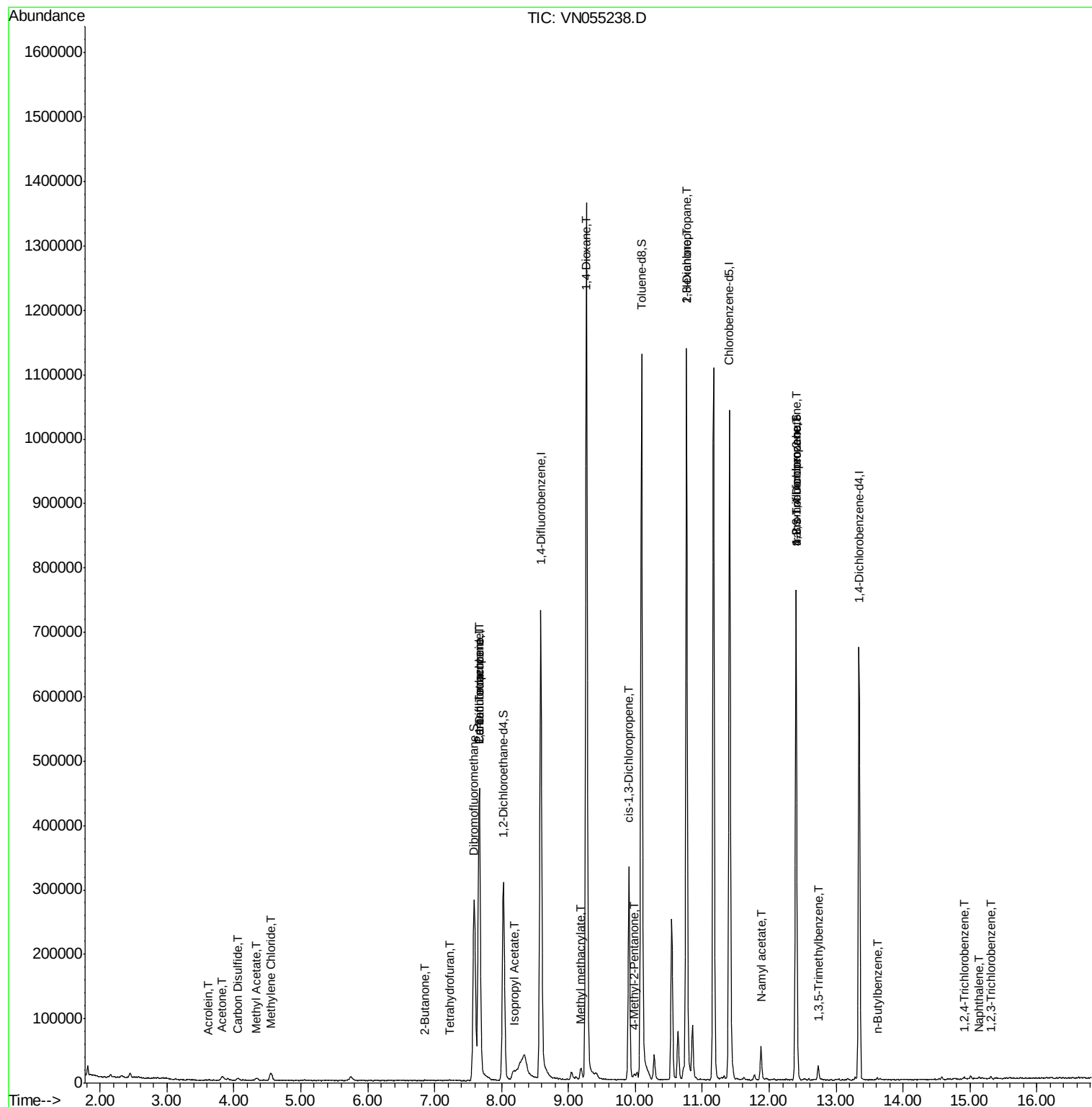
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	390202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	666283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	262511	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
35) Dibromofluoromethane	7.59	113	218795	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.09	98	828312	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.40	95	255464	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
Target Compounds						
					Qvalue	
13) Acrolein	3.61	56	113	9.744	ug/l	86
16) Acetone	3.82	43	11065	6.337	ug/l	94
17) Carbon Disulfide	4.06	76	5531	0.493	ug/l	99
18) Methyl Acetate	4.34	43	6890	0.725	ug/l #	78
20) Methylene Chloride	4.55	84	7368	1.468	ug/l #	93
25) 2-Butanone	6.86	43	765	0.339	ug/l #	53
29) Tetrahydrofuran	7.22	42	1354	0.977	ug/l #	47
31) Cyclohexane	7.67	56	8330	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	28673	4.637	ug/l #	51
38) Carbon Tetrachloride	7.66	117	37006	6.390	ug/l #	18
43) Isopropyl Acetate	8.18	43	22806	2.822	ug/l #	79
48) Methyl methacrylate	9.18	41	7377	1.882	ug/l #	15
49) 1,4-Dioxane	9.28	88	30	0.663	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5415	1.164	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	54447	7.742	ug/l #	68
57) 1,3-Dichloropropane	10.76	76	10982	1.530	ug/l #	43
59) 2-Hexanone	10.76	43	180847	61.566	ug/l #	56
73) Isopropylbenzene	12.25	105	1224	Below Cal	#	59
74) N-amyl acetate	11.88	43	17451	3.845	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.49	83	206	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	132462	37.089	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11010	0.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	132462	140.599	ug/l #	5
83) tert-Butylbenzene	12.99	119	829	Below Cal	#	83
89) n-Butylbenzene	13.61	91	2267	0.249	ug/l	86
93) 1,2,4-Trichlorobenzene	14.91	180	1032	3.115	ug/l	95
94) Hexachlorobutadiene	15.01	225	1067	Below Cal		88
95) Naphthalene	15.14	128	3315	3.936	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	1420	2.652	ug/l #	84

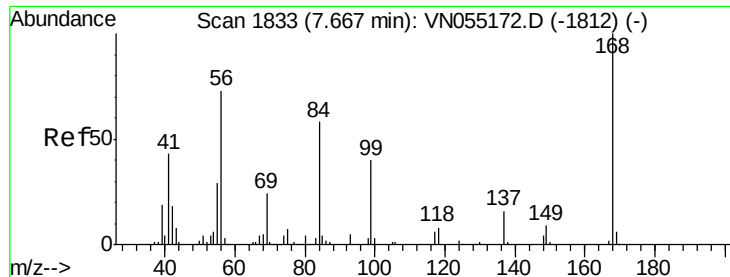
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

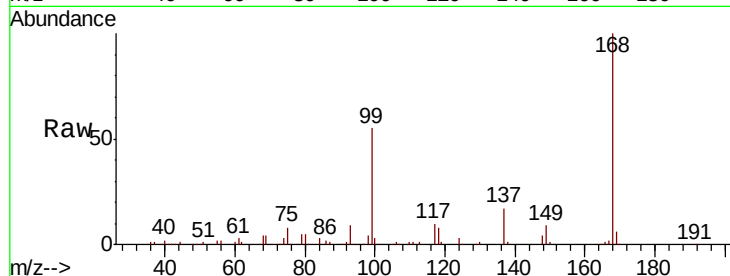
PB119197TB

Tot Ion:168 Resp: 390202

Ion Ratio Lower Upper

168 100

99 54.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

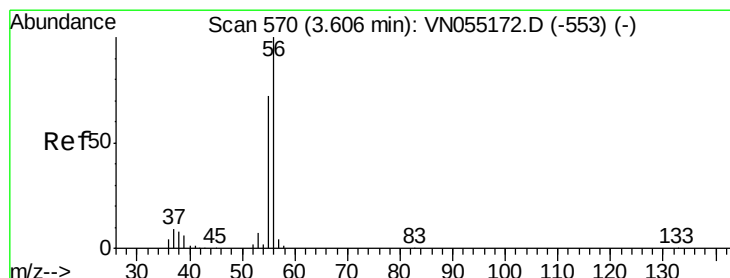
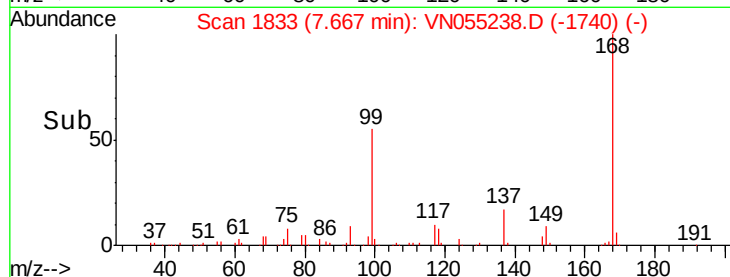
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 9.744 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN055238.D

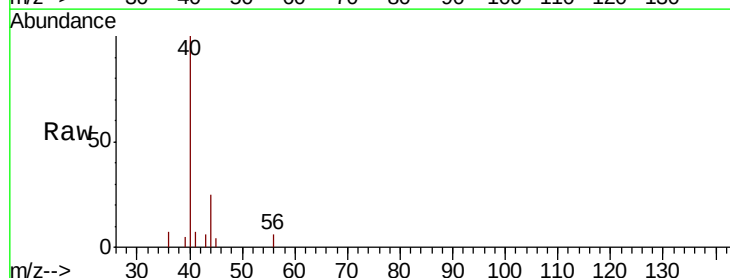
Acq: 25 Apr 2019 11:15

Tgt Ion: 56 Resp: 113

Ion Ratio Lower Upper

56 100

55 83.2 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.61

250

200

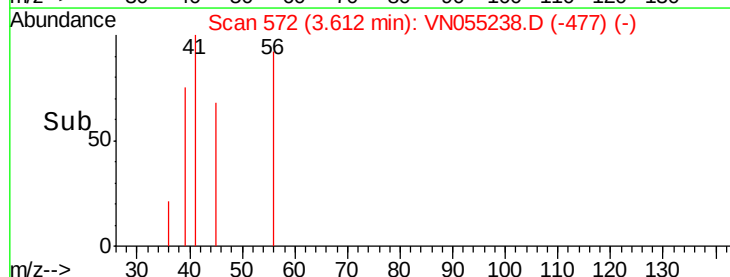
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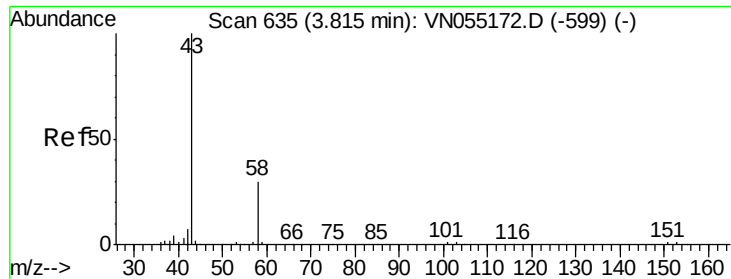
100

50

0

Time-->





#16

Acetone

Concen: 6.337 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

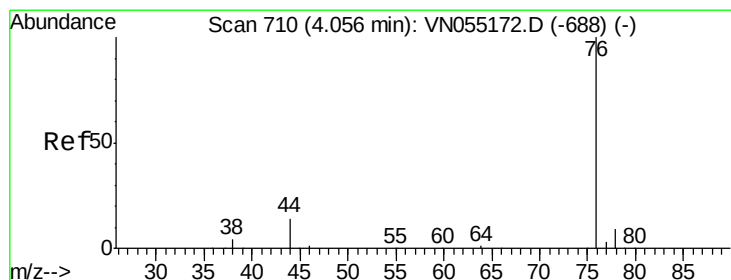
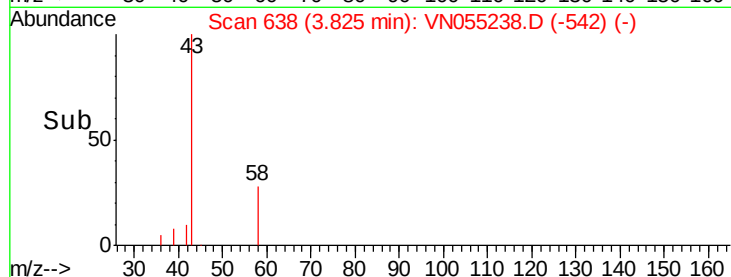
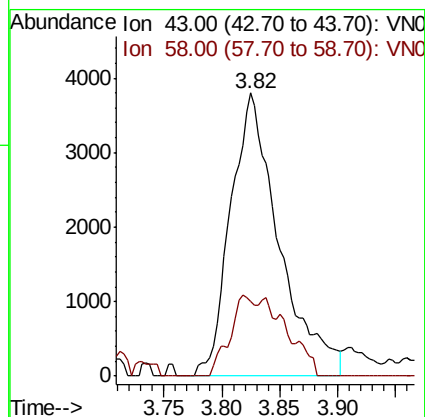
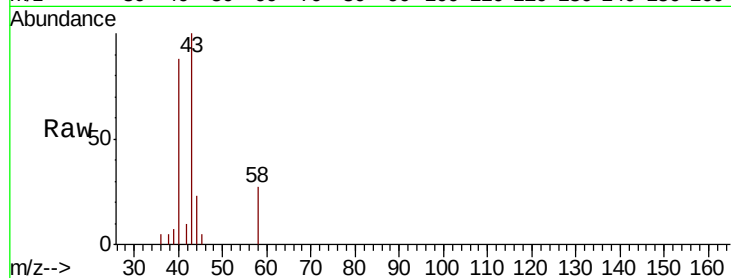
PB119197TB

Tot Ion: 43 Resp: 11065

Ion Ratio Lower Upper

43 100

58 26.6 23.8 35.8



#17

Carbon Disulfide

Concen: 0.493 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055238.D

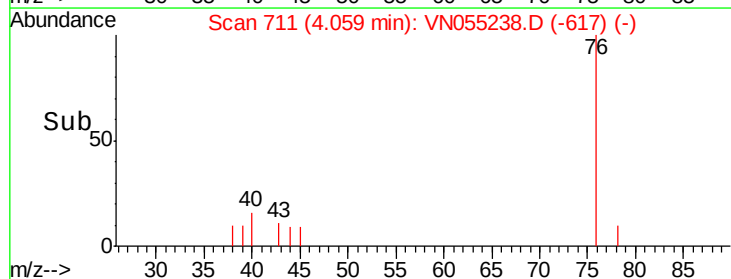
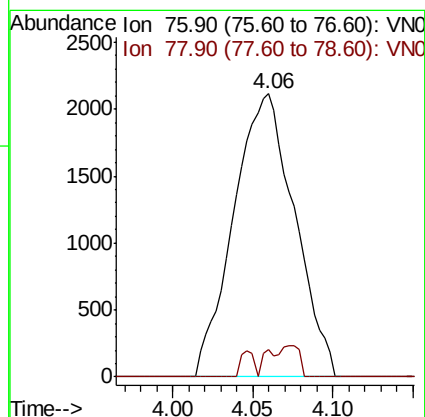
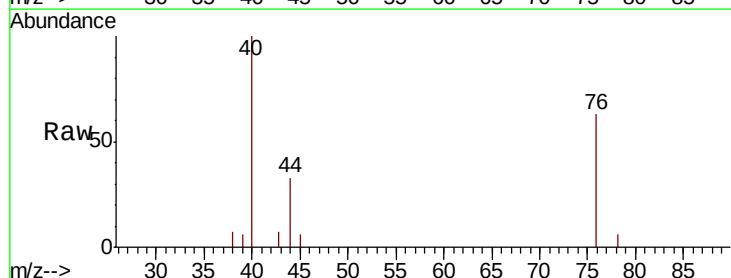
Acq: 25 Apr 2019 11:15

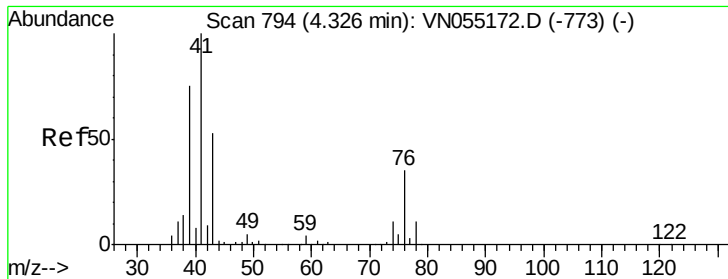
Tgt Ion: 76 Resp: 5531

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

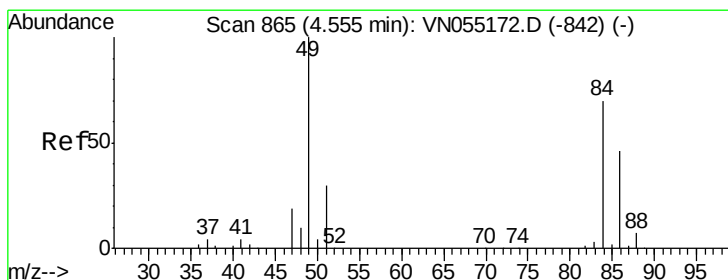
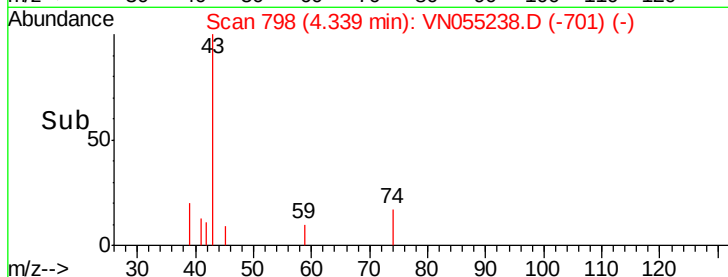
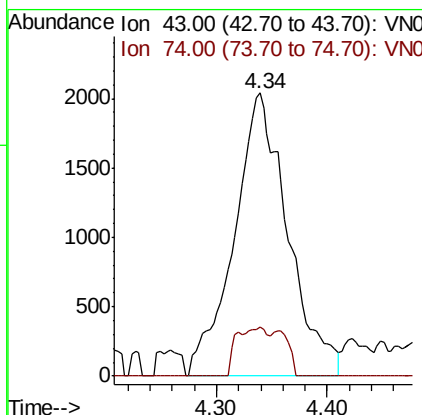
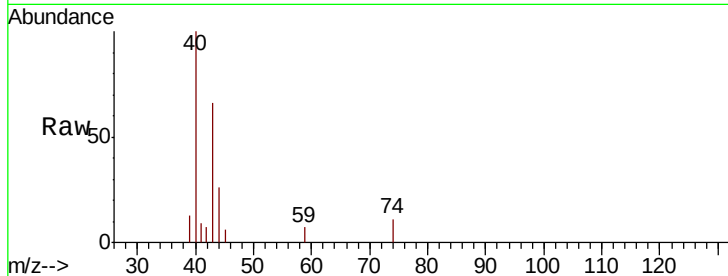




#18
Methyl Acetate
Concen: 0.725 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

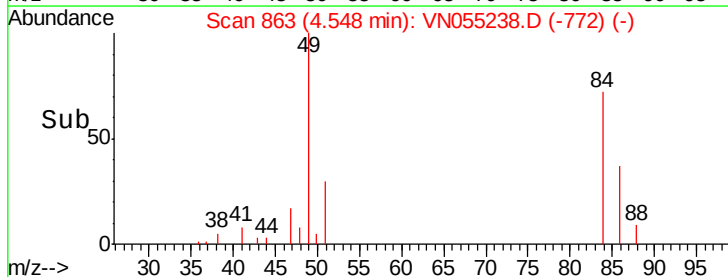
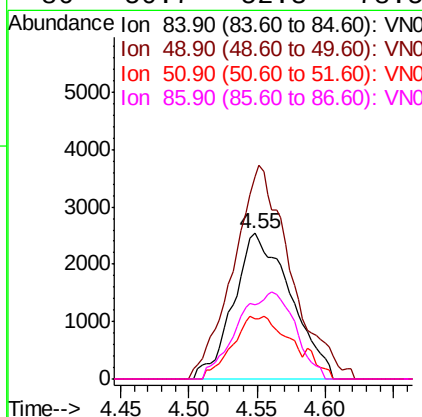
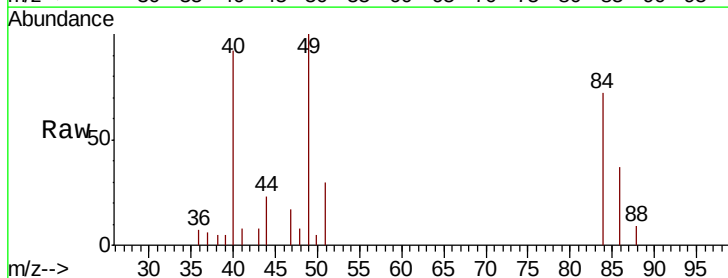
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MSVOA_N
ClientSampleId :
PB119197TB

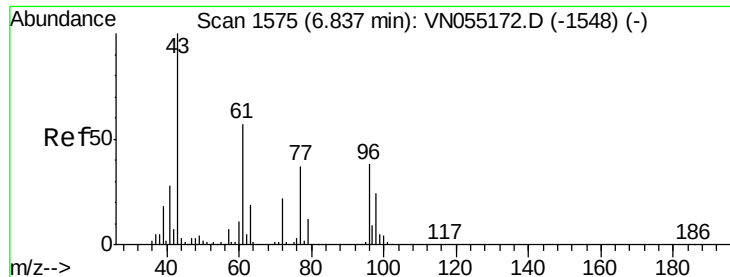
Tot Ion: 43 Resp: 6890
Ion Ratio Lower Upper
43 100
74 10.4 16.7 25.1#



#20
Methylene Chloride
Concen: 1.468 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

Tgt Ion: 84 Resp: 7368
Ion Ratio Lower Upper
84 100
49 138.7 113.8 170.6
51 40.9 34.0 51.0
86 50.7 52.3 78.5#

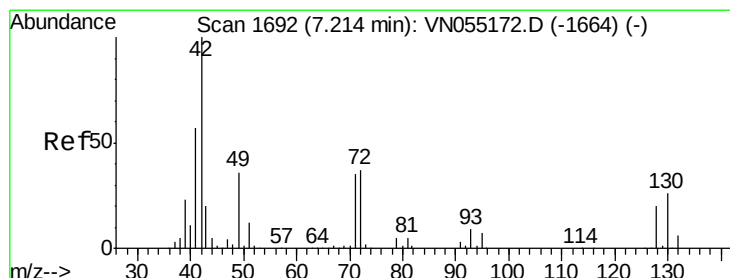
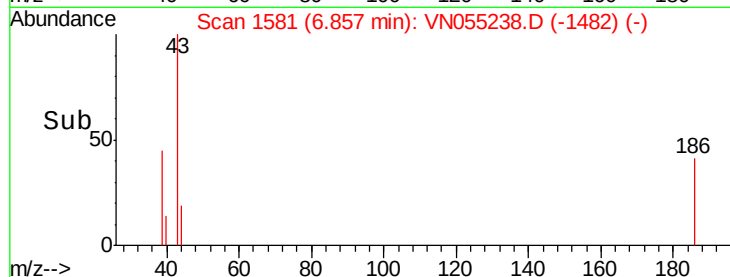
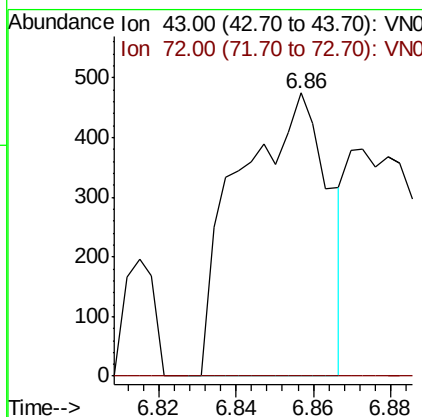
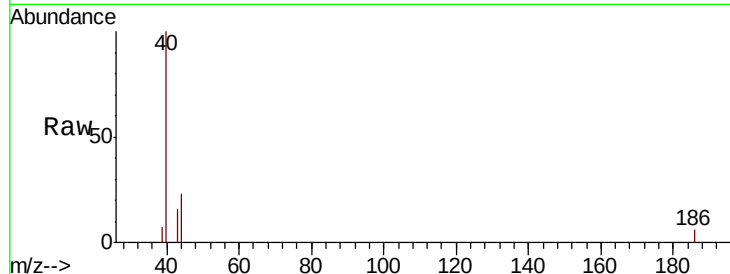




#25
2-Butanone
Concen: 0.339 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

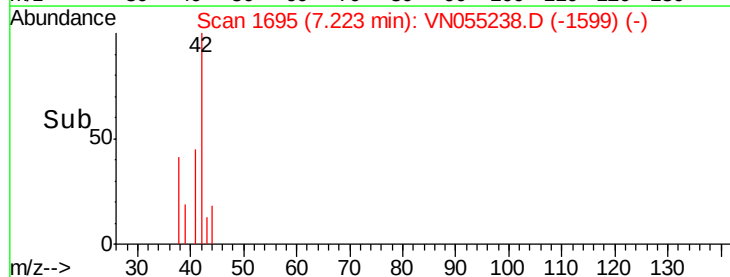
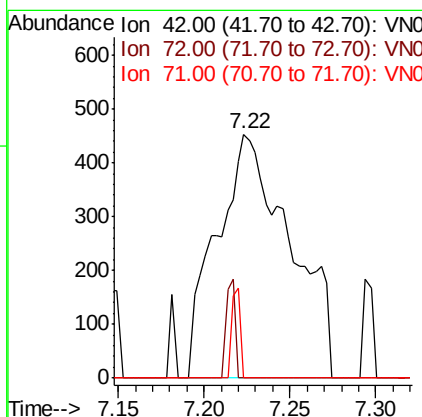
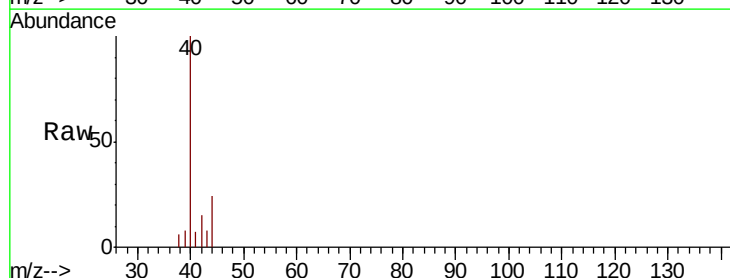
Instrument :
MSVOA_N
ClientSampled :
PB119197TB

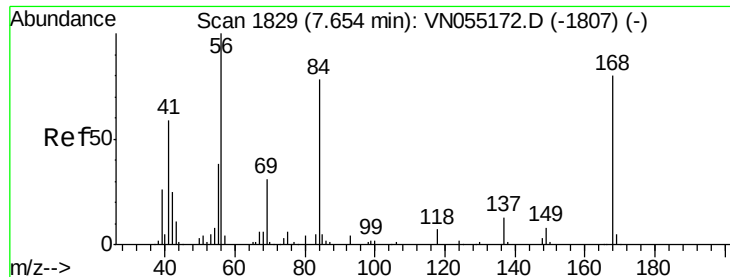
Tot Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.8#



#29
Tetrahydrofuran
Concen: 0.977 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

Tgt Ion: 42 Resp: 1354
Ion Ratio Lower Upper
42 100
72 4.9 29.4 44.2#
71 4.6 27.8 41.8#

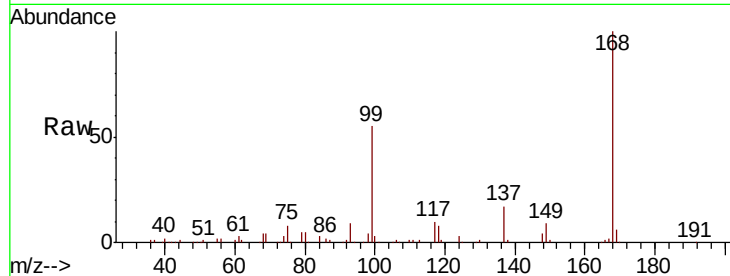




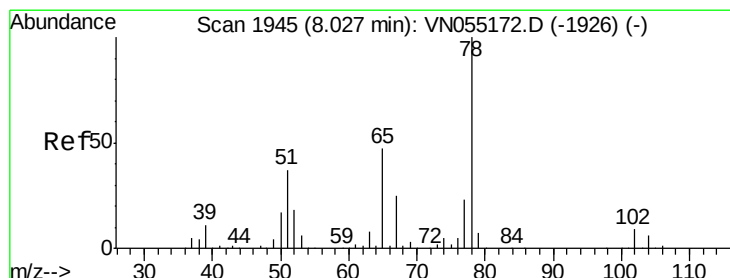
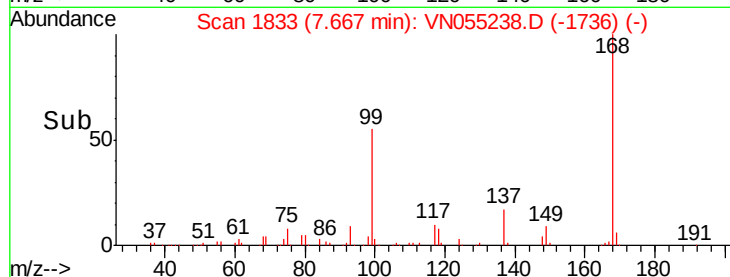
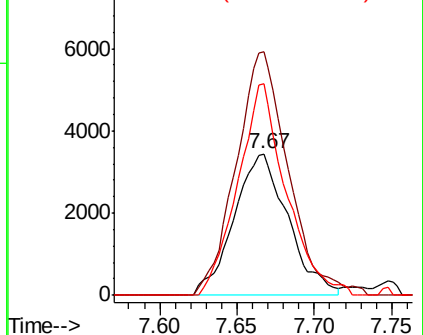
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

Instrument :
MSVOA_N
ClientSampleId :
PB119197TB

Tot Ion: 56 Resp: 8330
Ion Ratio Lower Upper
56 100
69 172.1 24.6 37.0#
84 149.5 61.4 92.2#

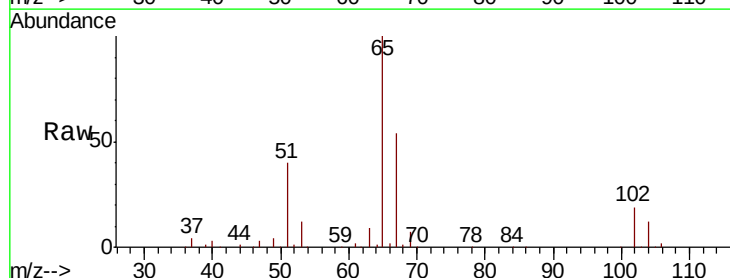


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

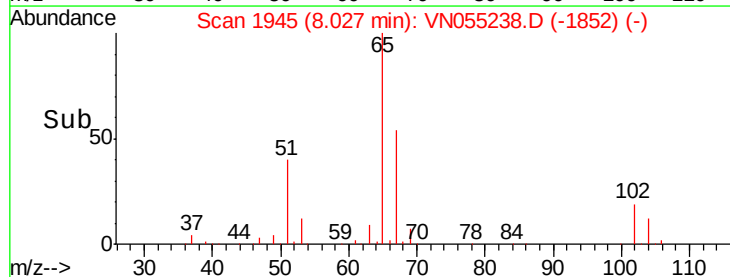
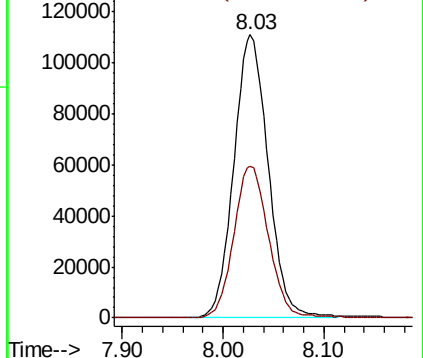


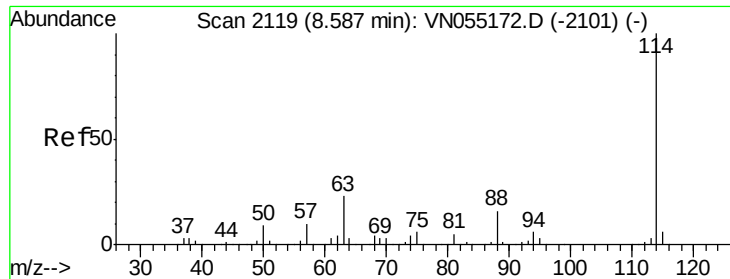
#33
1,2-Dichloroethane-d4
Concen: 49.704 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

Tgt Ion: 65 Resp: 262511
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.6



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

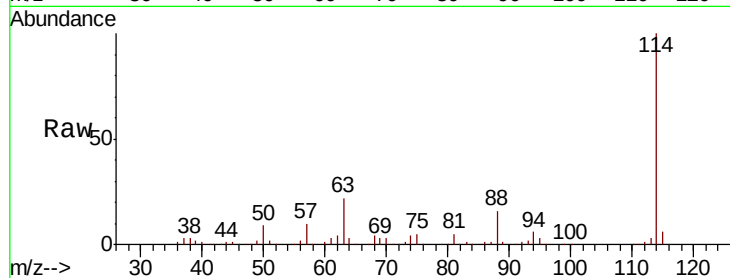




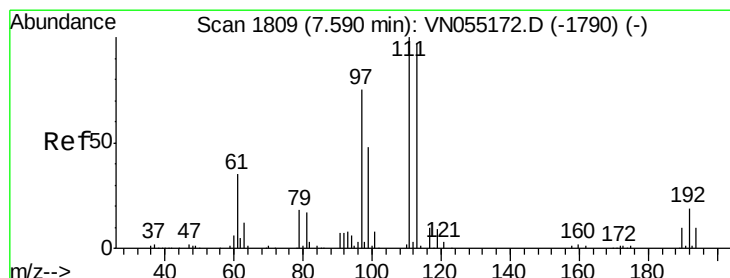
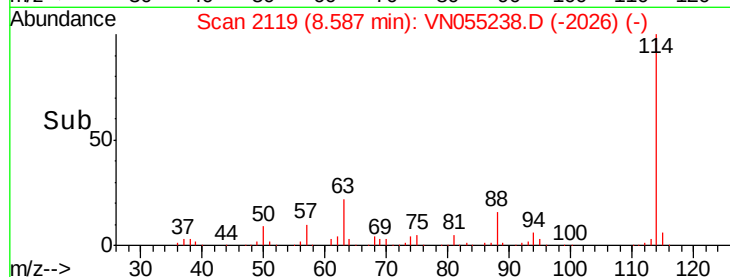
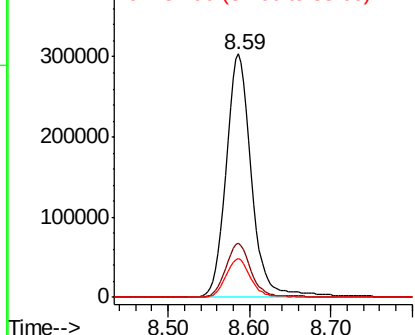
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055238.D
 Acq: 25 Apr 2019 11:15

Instrument :
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 PB119197TB

Tot Ion:114 Resp: 666283
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 16.0 0.0 32.8

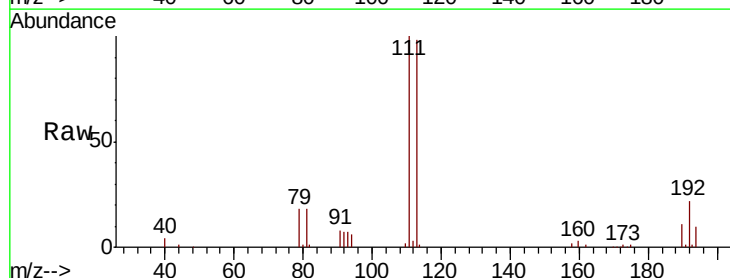


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

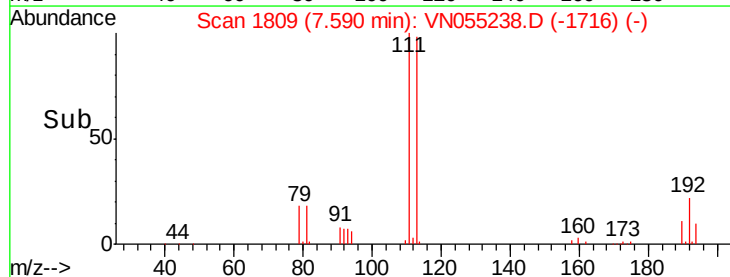
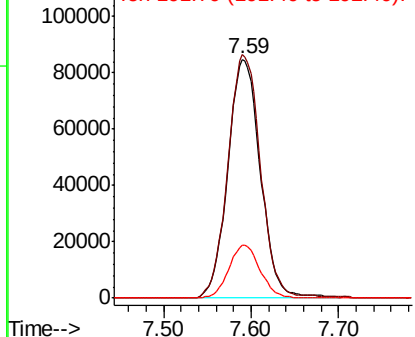


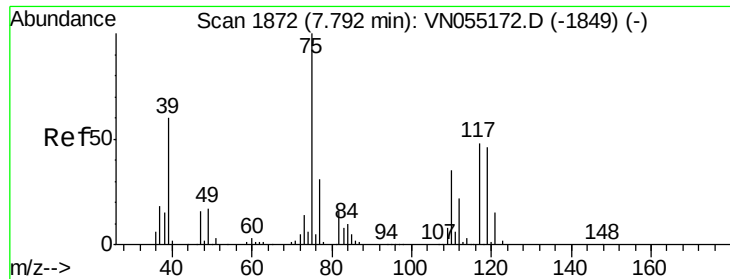
#35
 Dibromofluoromethane
 Concen: 48.338 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055238.D
 Acq: 25 Apr 2019 11:15

Tgt Ion:113 Resp: 218795
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.4
 192 21.3 16.2 24.4



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

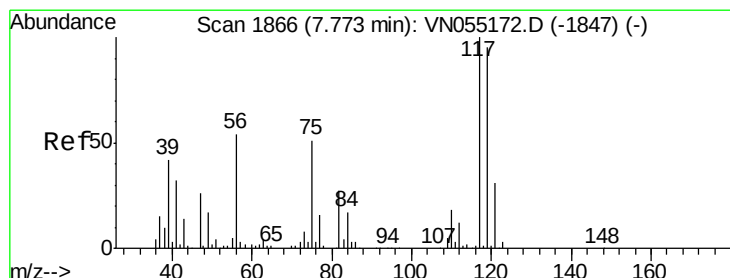
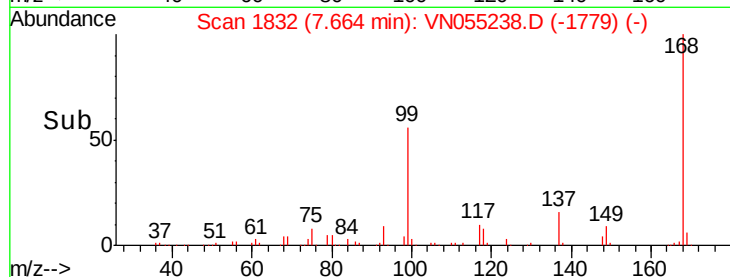
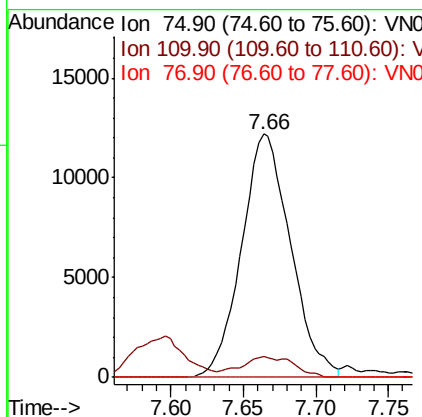
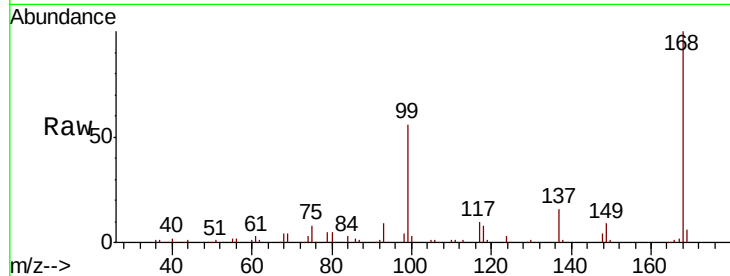




#36
 1,1-Dichloropropene
 Concen: 4.637 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055238.D
 Acq: 25 Apr 2019 11:15

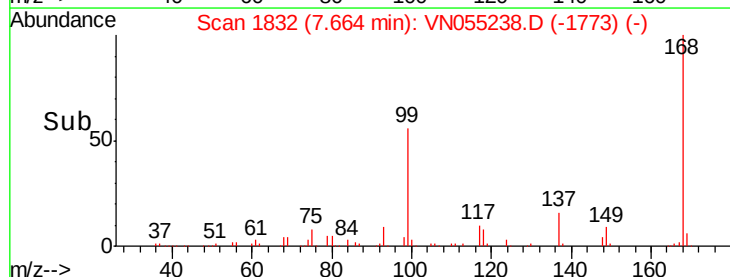
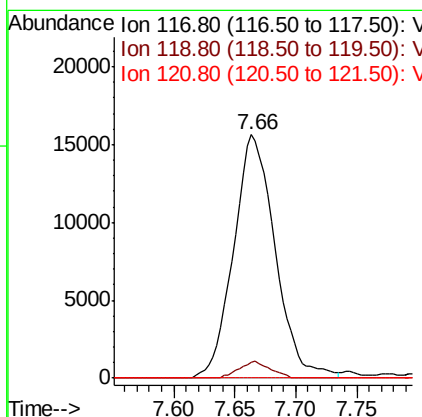
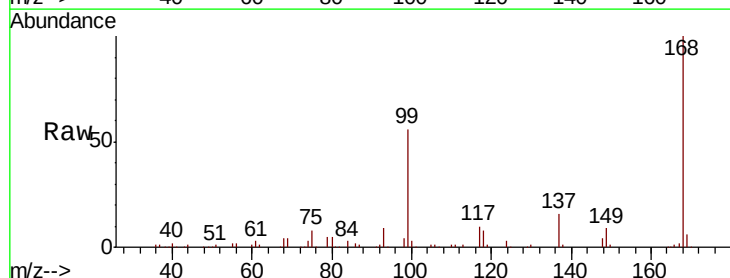
Instrument :
 MSVOA_N
 ClientSampleId :
 PB119197TB

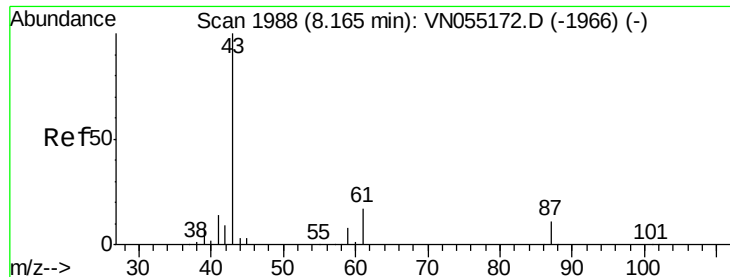
Tot Ion	75	Resp	28673
Ion Ratio	Lower	Upper	
75	100		
110	9.2	17.1	51.2#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.390 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055238.D
 Acq: 25 Apr 2019 11:15

Tgt Ion	117	Resp	37006
Ion Ratio	Lower	Upper	
117	100		
119	6.6	76.0	114.0#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 2.822 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampled :

PB119197TB

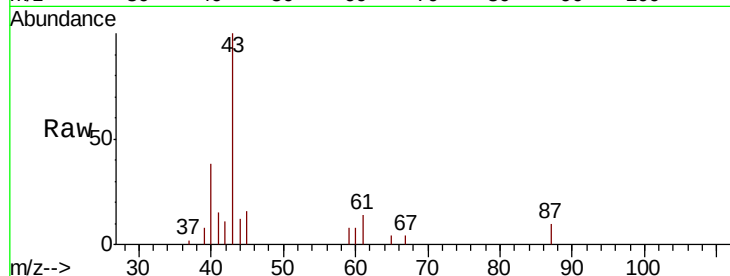
Tot Ion: 43 Resp: 22806

Ion Ratio Lower Upper

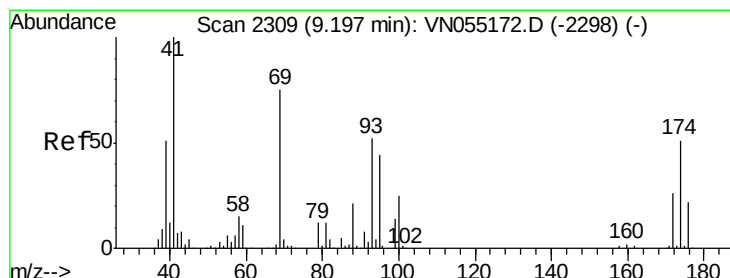
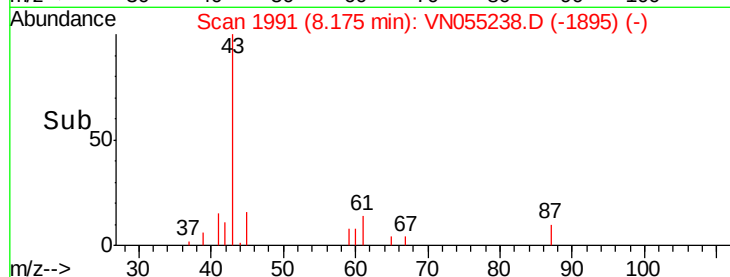
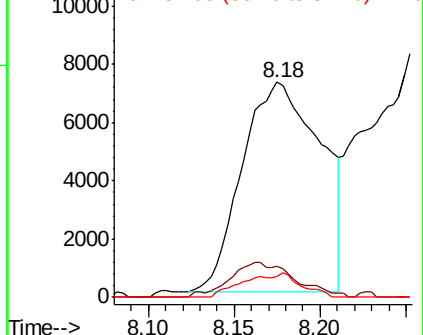
43 100

61 14.0 20.6 30.8#

87 4.7 8.8 13.2#



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



#48

Methyl methacrylate

Concen: 1.882 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

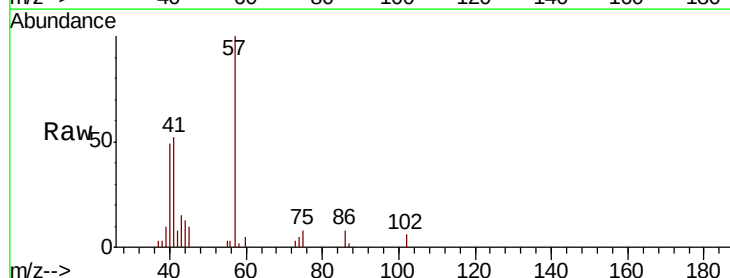
Tgt Ion: 41 Resp: 7377

Ion Ratio Lower Upper

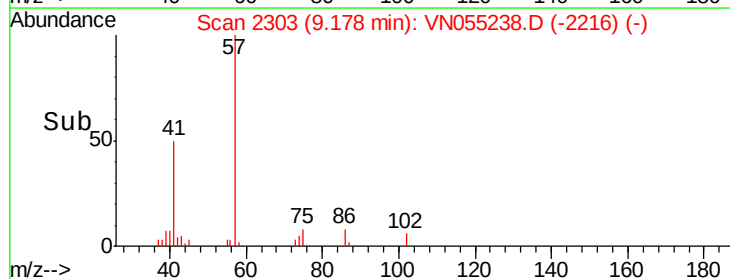
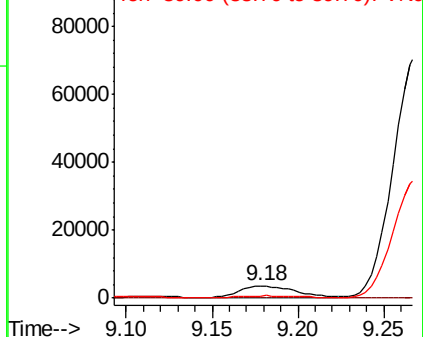
41 100

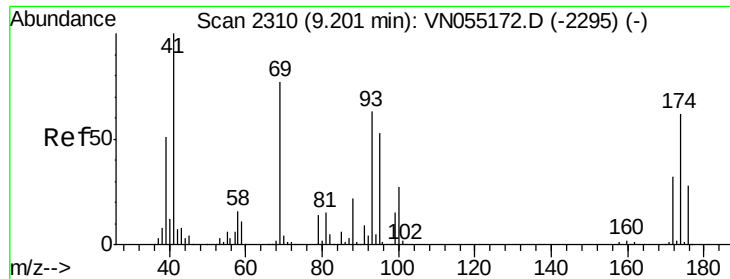
69 0.0 63.6 95.4#

39 0.0 43.8 65.8#



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





#49

1,4-Dioxane

Concen: 0.663 ug/l

RT: 9.28 min Scan# 2335

Delta R.T. 0.08 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

PB119197TB

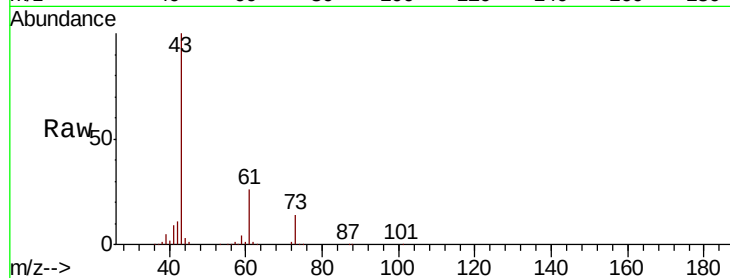
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 4789140.0 32.0 48.0#

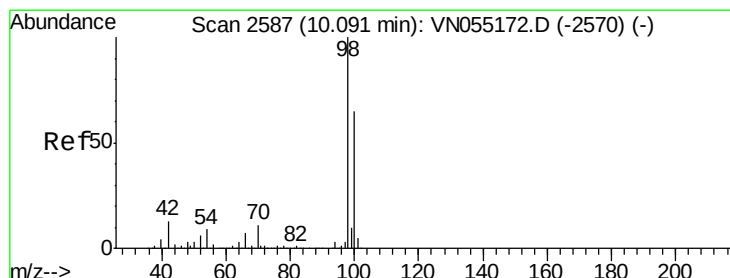
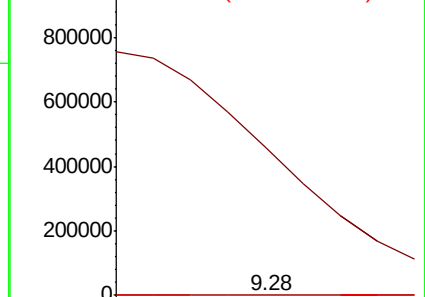
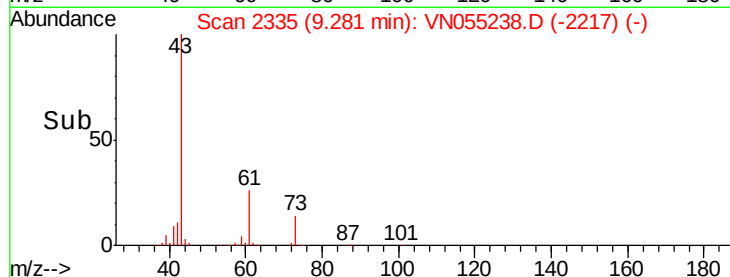
58 22510.0 60.4 90.6#



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: 49.390 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055238.D

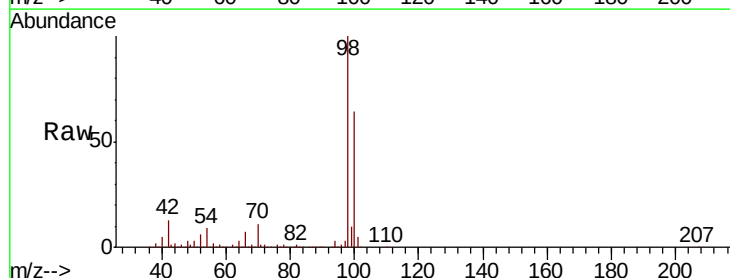
Acq: 25 Apr 2019 11:15

Tgt Ion: 98 Resp: 828312

Ion Ratio Lower Upper

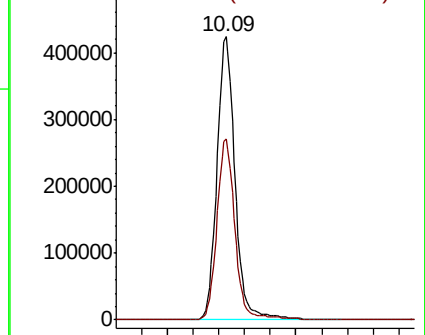
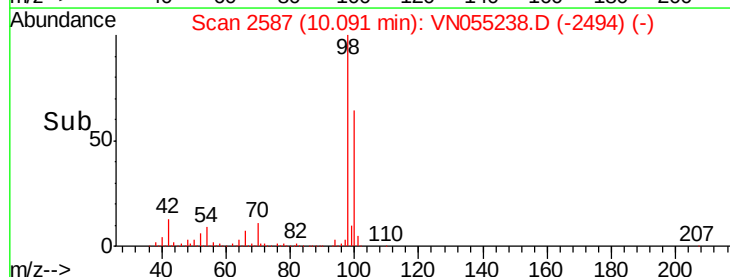
98 100

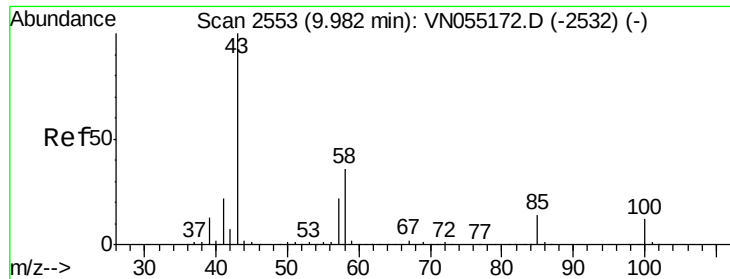
100 64.2 51.8 77.6



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: 1.164 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampled :

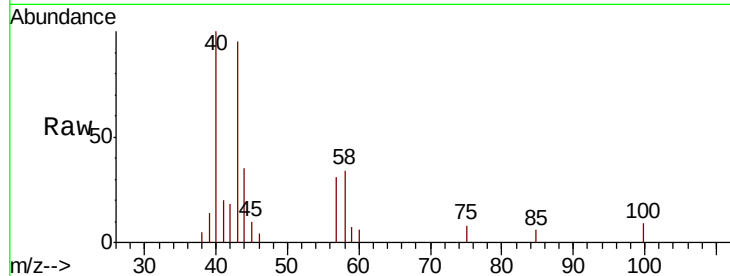
PB119197TB

Tot Ion: 43 Resp: 5415

Ion Ratio Lower Upper

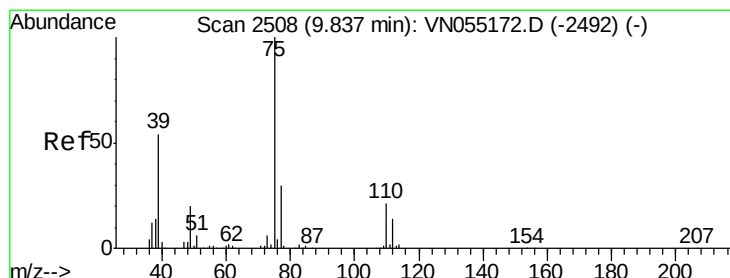
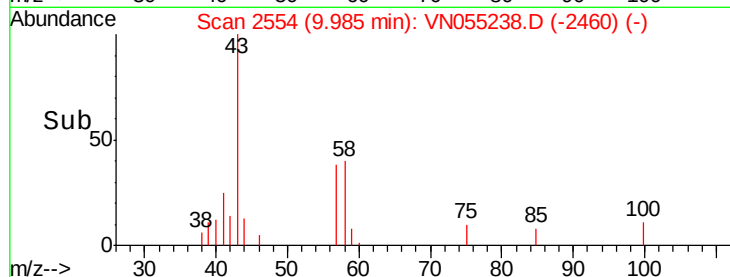
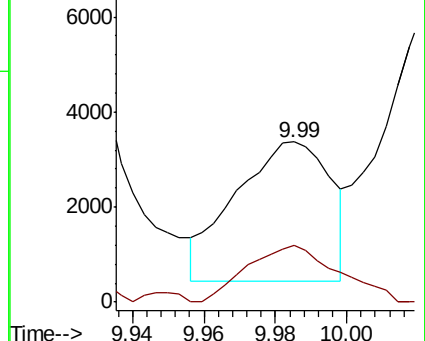
43 100

58 39.0 28.3 42.5



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: 7.742 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

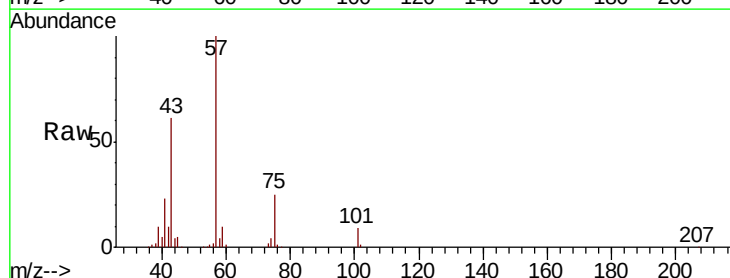
Tgt Ion: 75 Resp: 54447

Ion Ratio Lower Upper

75 100

77 0.6 24.3 36.5#

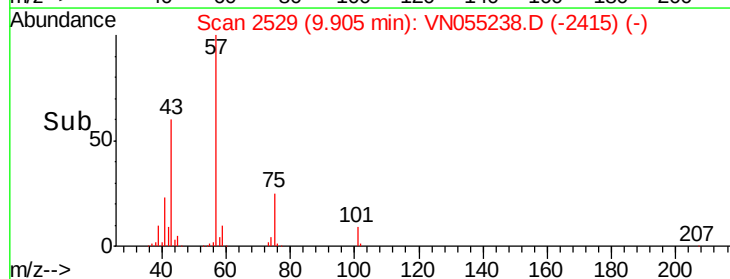
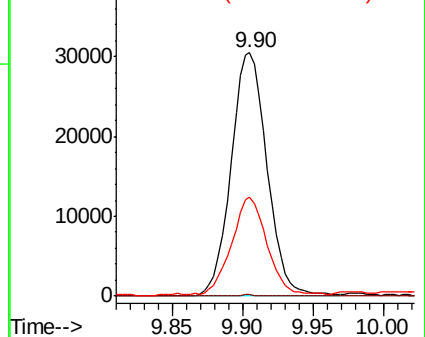
39 40.2 43.0 64.4#

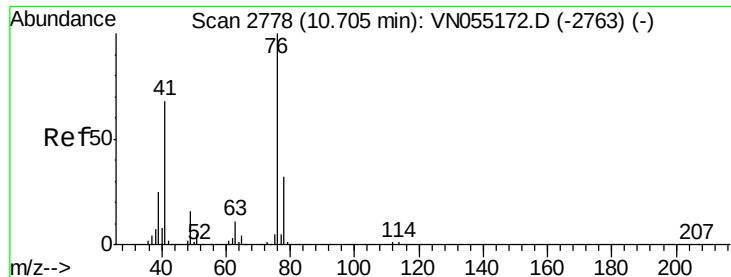


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.530 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

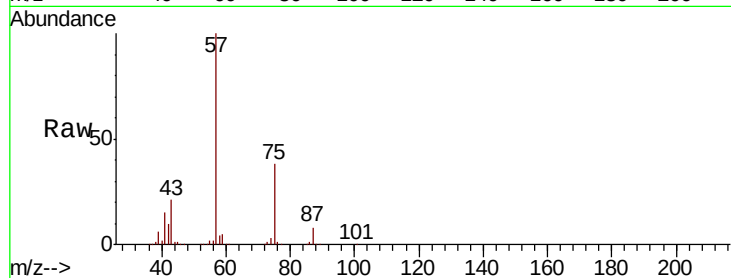
PB119197TB

Tot Ion: 76 Resp: 10982

Ion Ratio Lower Upper

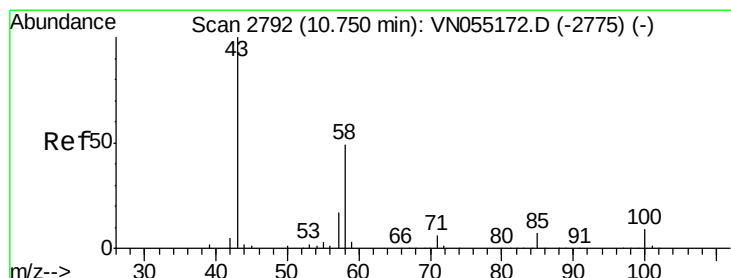
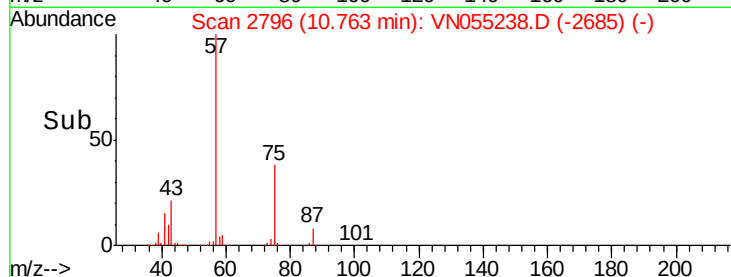
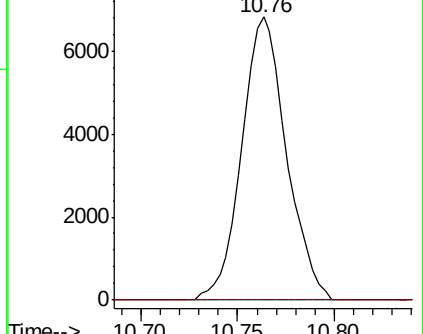
76 100

78 0.0 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 61.566 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055238.D

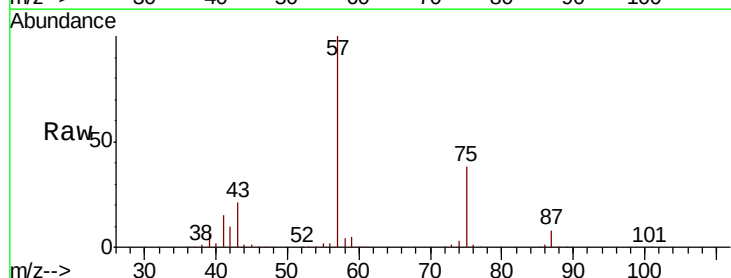
Acq: 25 Apr 2019 11:15

Tgt Ion: 43 Resp: 180847

Ion Ratio Lower Upper

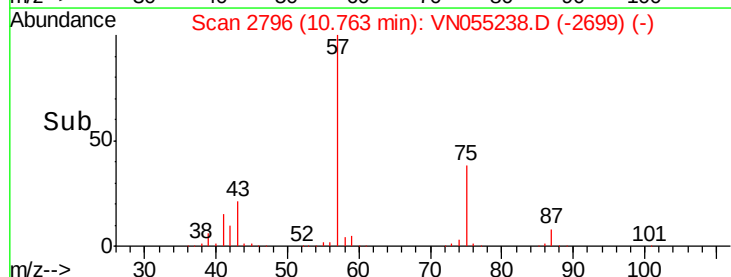
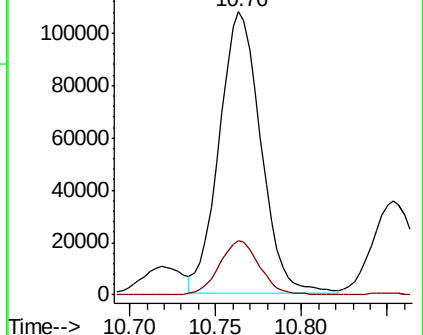
43 100

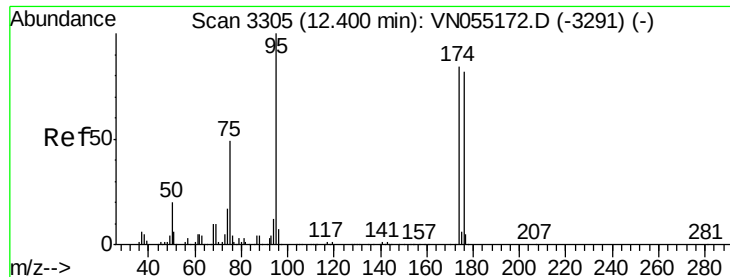
58 18.7 24.5 73.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.102 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

PB119197TB

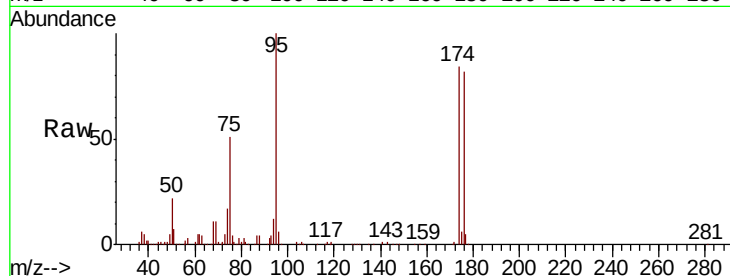
Tot Ion: 95 Resp: 255464

Ion Ratio Lower Upper

95 100

174 83.9 0.0 168.4

176 82.5 0.0 164.0



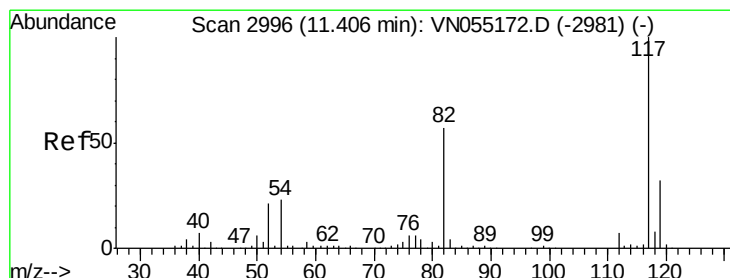
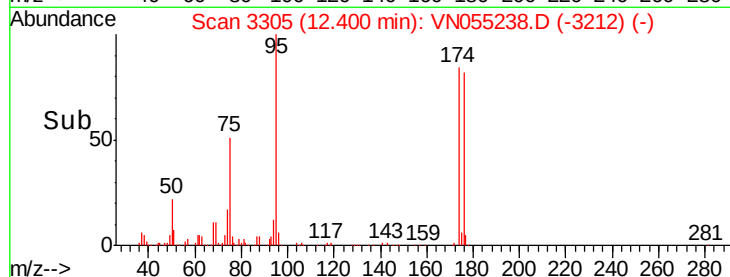
Abundance Ion 94.90 (94.60 to 95.60): VN055238.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055238.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055238.D (-2903) (-)

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

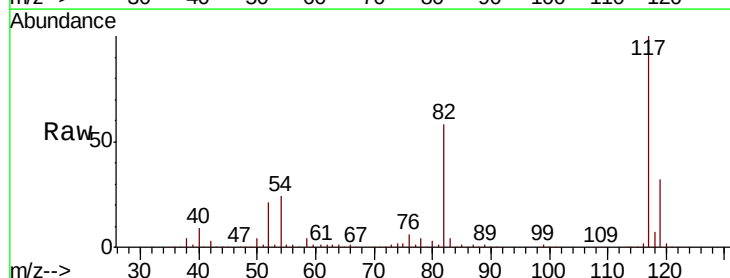
Tgt Ion: 117 Resp: 603092

Ion Ratio Lower Upper

117 100

82 57.6 45.7 68.5

119 32.3 25.4 38.2



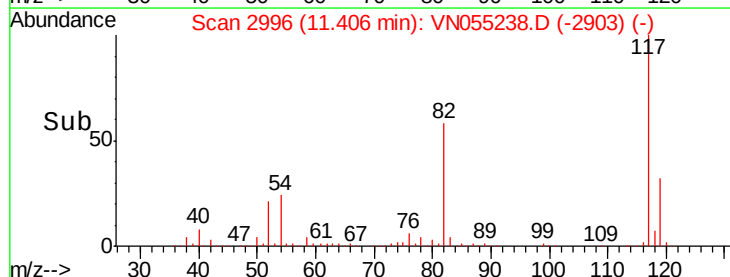
Abundance Ion 116.90 (116.60 to 117.60): VN055238.D (-2903) (-)

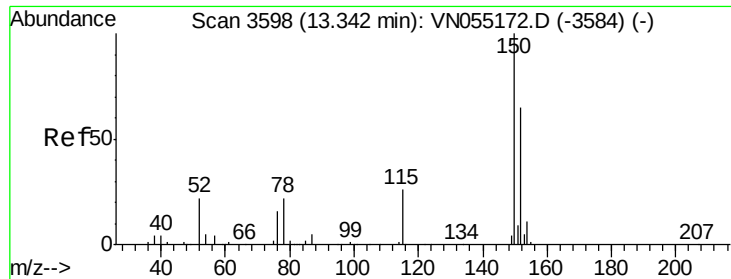
Ion 82.00 (81.70 to 82.70): VN055238.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055238.D (-2903) (-)

11.41

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

PB119197TB

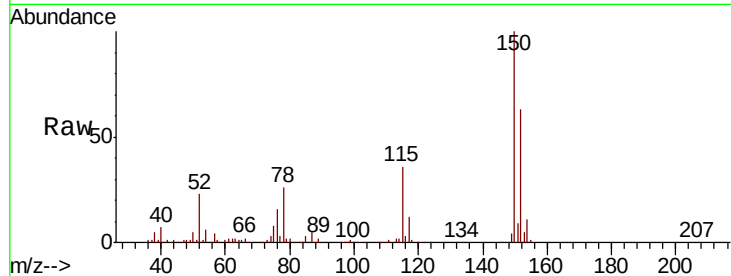
Tot Ion:152 Resp: 176043

Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.7

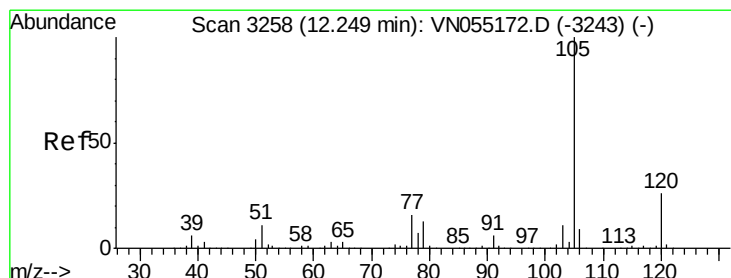
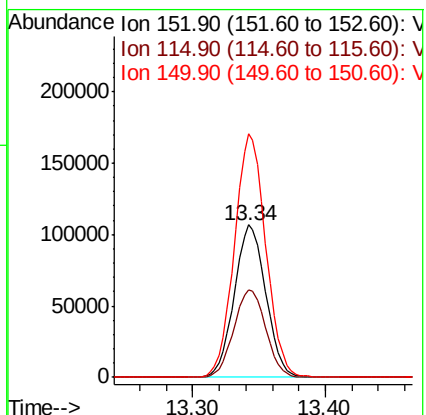
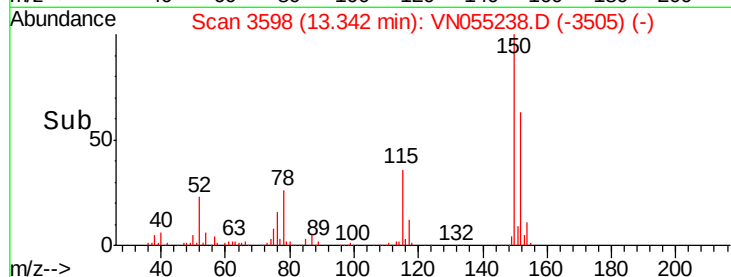
150 158.8 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055238.D

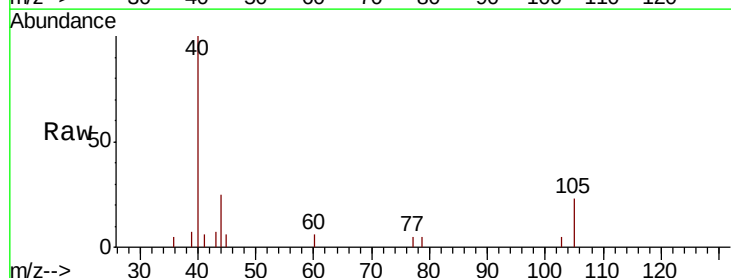
Acq: 25 Apr 2019 11:15

Tgt Ion:105 Resp: 1224

Ion Ratio Lower Upper

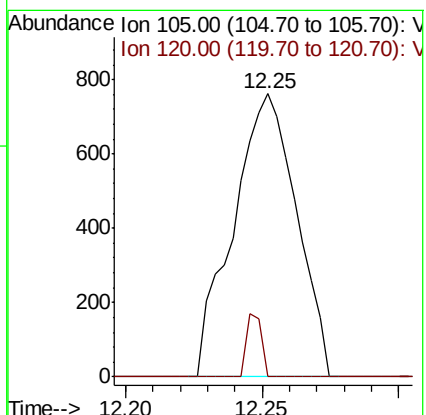
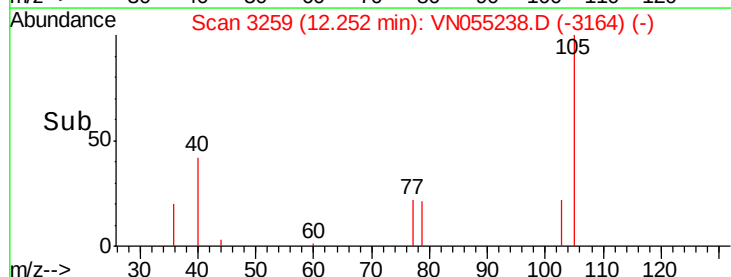
105 100

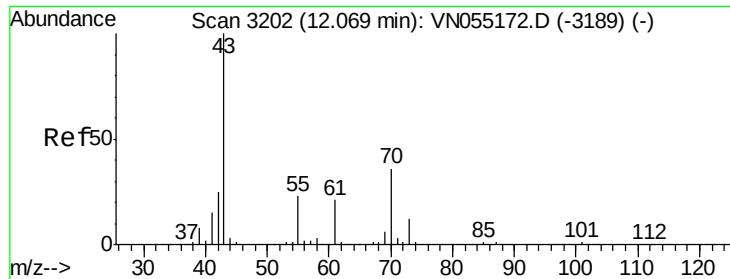
120 5.1 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.845 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

PB119197TB

Tot Ion: 43 Resp: 17451

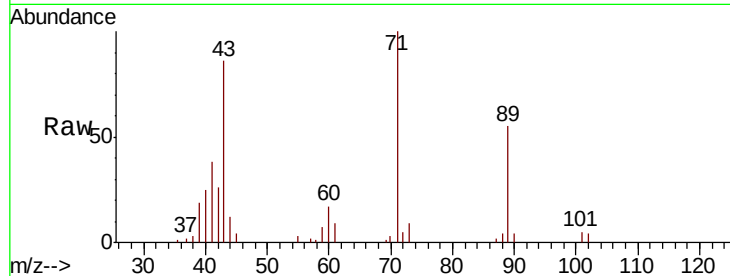
Ion Ratio Lower Upper

43 100

70 1.7 29.0 43.6#

55 4.6 18.5 27.7#

61 9.7 17.0 25.4#

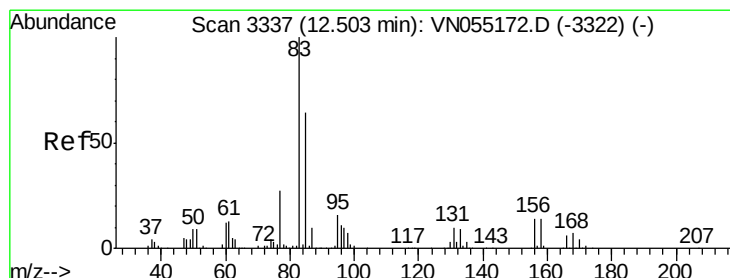
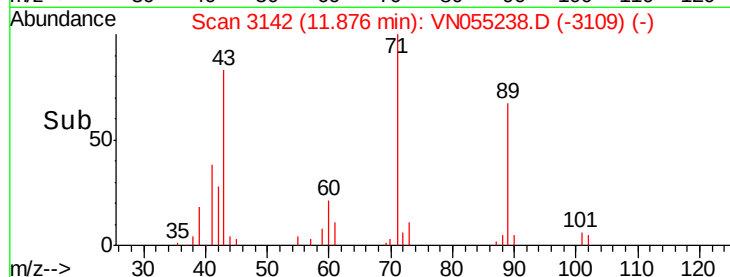
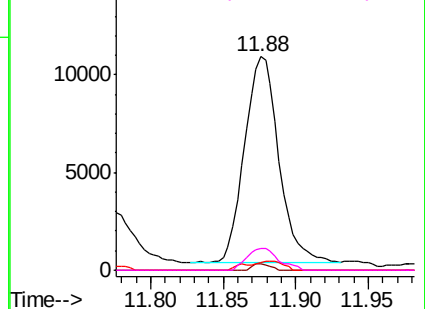


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.49 min Scan# 3334

Delta R.T. -0.01 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

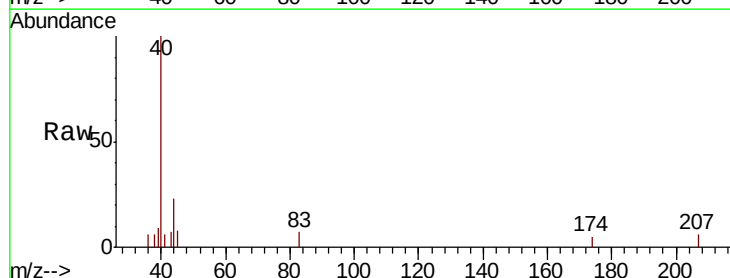
Tgt Ion: 83 Resp: 206

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

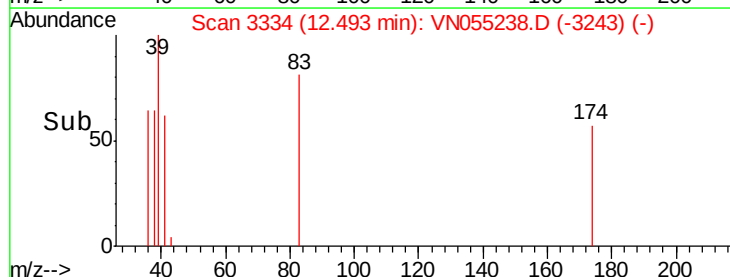
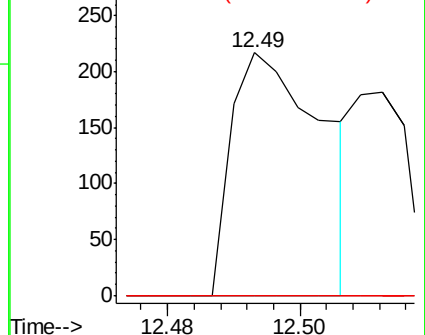
85 0.0 32.1 96.3#

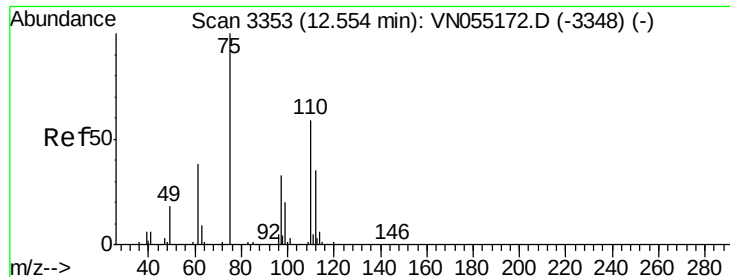


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 37.089 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampled :

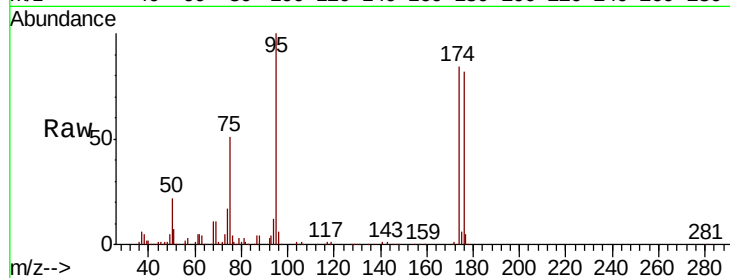
PB119197TB

Tot Ion: 75 Resp: 132462

Ion Ratio Lower Upper

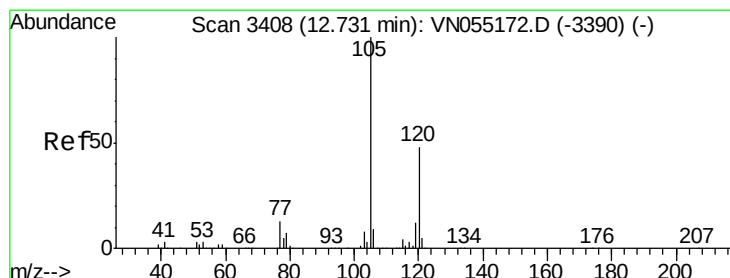
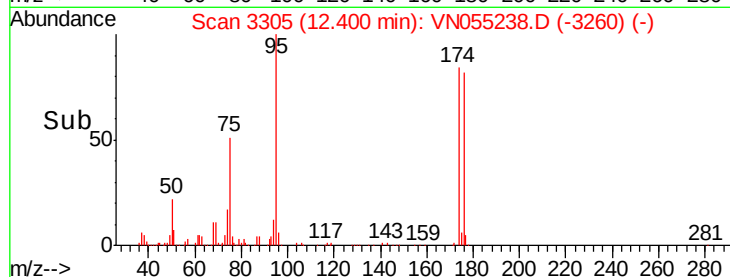
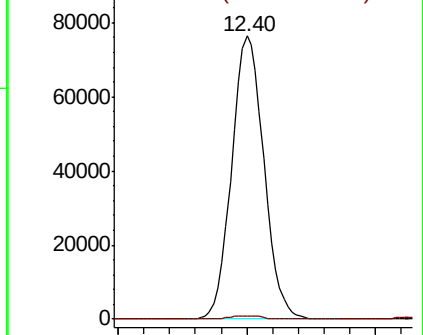
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055172.D (-3348) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.835 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055238.D

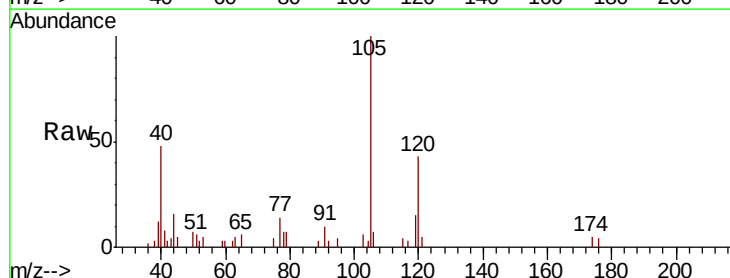
Acq: 25 Apr 2019 11:15

Tgt Ion: 105 Resp: 11010

Ion Ratio Lower Upper

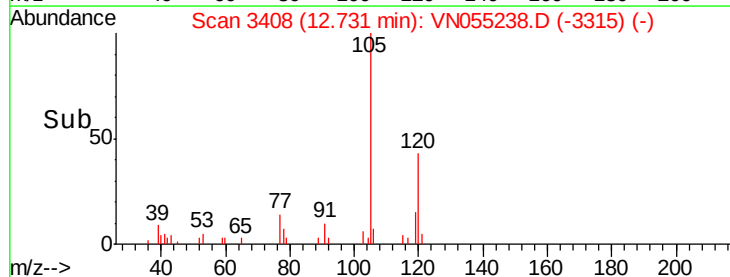
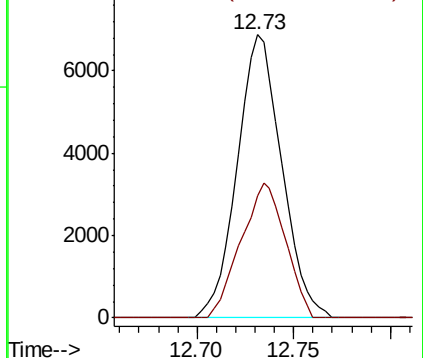
105 100

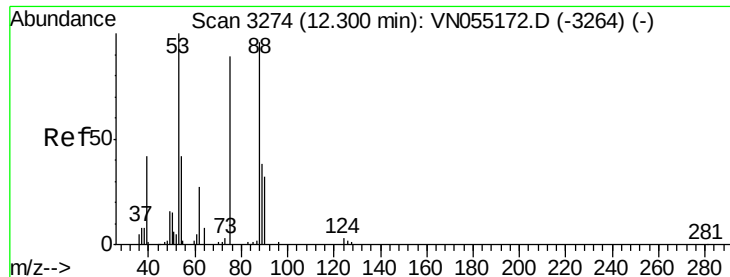
120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055172.D (-3390) (-)

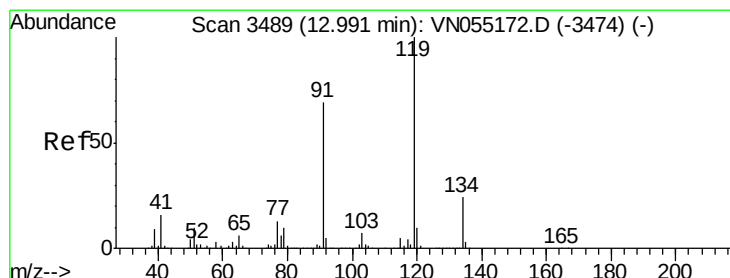
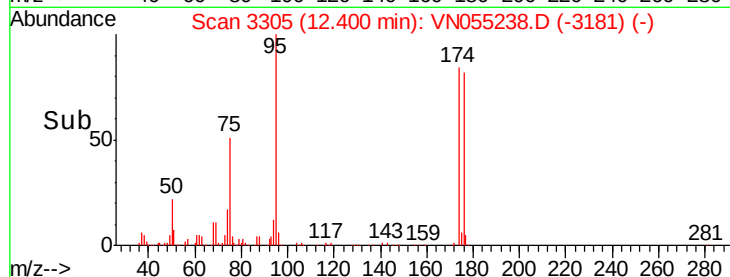
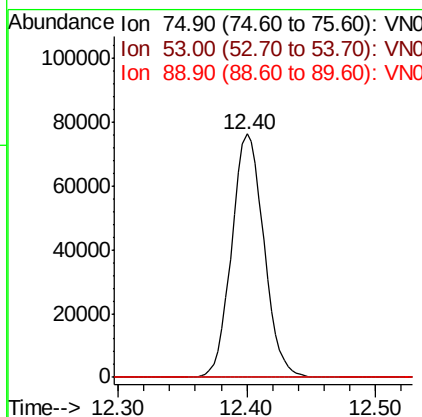
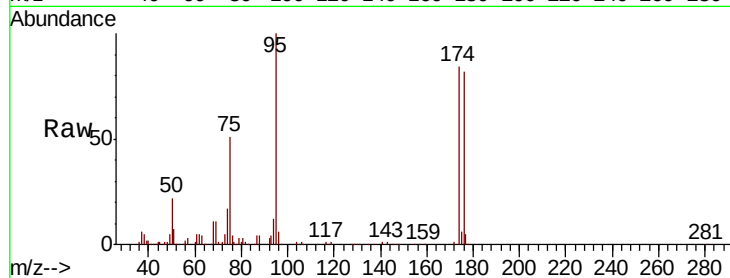




#81
trans-1,4-Dichloro-2-butene
Concen: 140.599 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

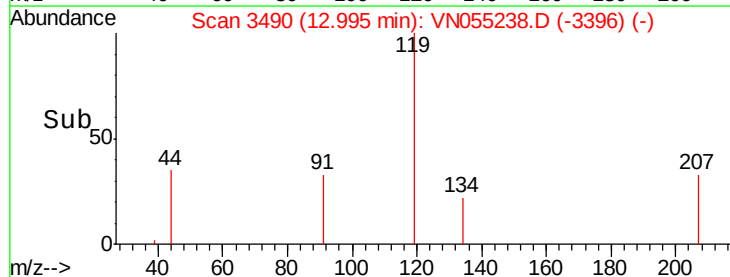
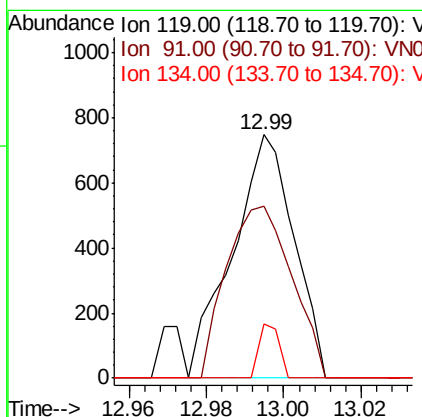
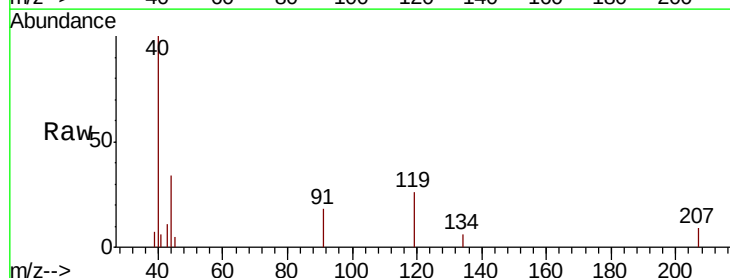
Instrument :
MSVOA_N
ClientSampled :
PB119197TB

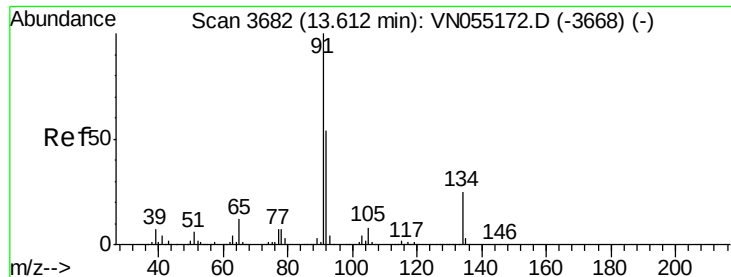
Tot Ion: 75 Resp: 132462
Ion Ratio Lower Upper
75 100
53 0.0 90.1 135.1#
89 0.0 36.7 55.1#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

Tgt Ion: 119 Resp: 829
Ion Ratio Lower Upper
119 100
91 75.2 33.8 101.3
134 7.4 13.2 39.5#

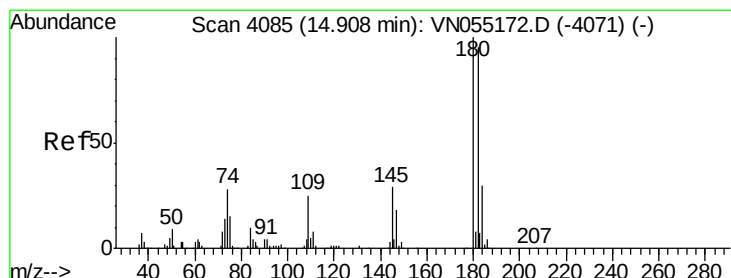
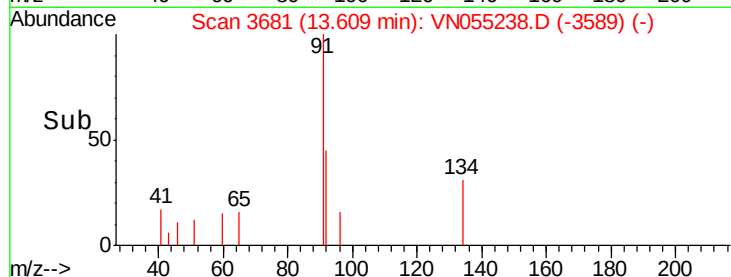
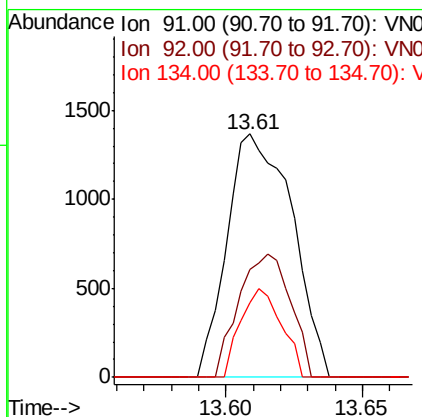
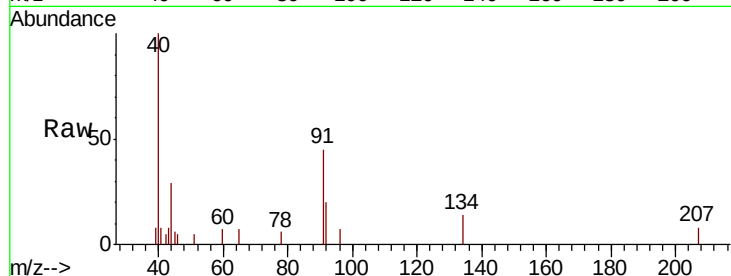




#89
n-Butylbenzene
Concen: 0.249 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

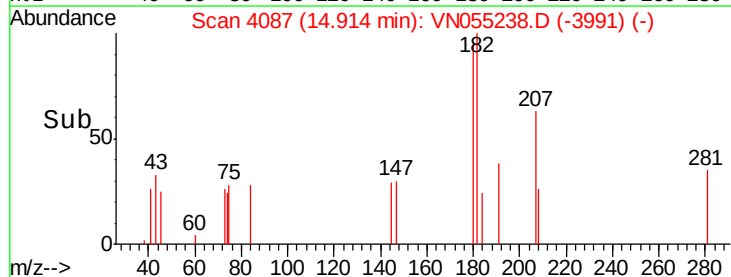
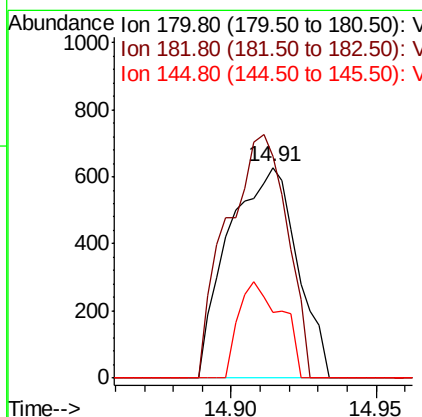
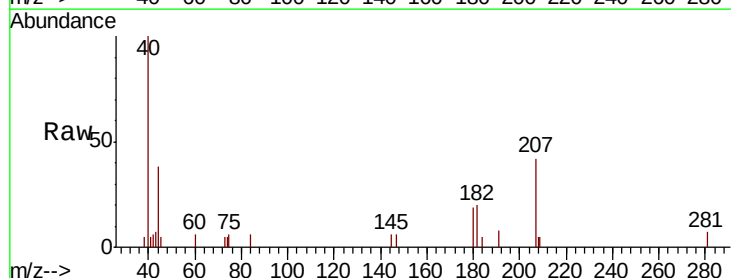
Instrument :
MSVOA_N
ClientSampled :
PB119197TB

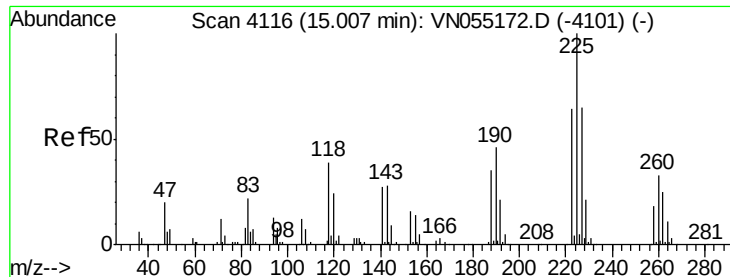
Tot Ion: 91 Resp: 2267
Ion Ratio Lower Upper
91 100
92 40.1 26.4 79.2
134 22.9 12.8 38.4



#93
1,2,4-Trichlorobenzene
Concen: 3.115 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN055238.D
Acq: 25 Apr 2019 11:15

Tgt Ion: 180 Resp: 1032
Ion Ratio Lower Upper
180 100
182 101.3 47.8 143.4
145 28.6 14.5 43.5





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

PB119197TB

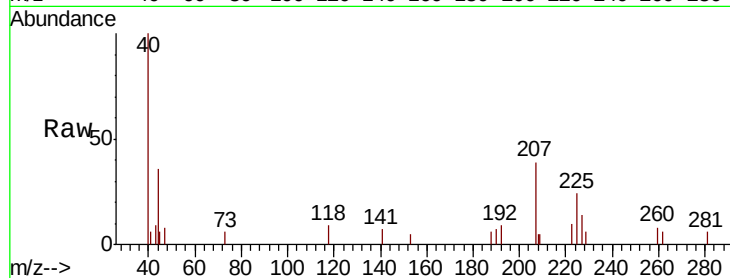
Tot Ion:225 Resp: 1067

Ion Ratio Lower Upper

225 100

223 50.4 32.2 96.6

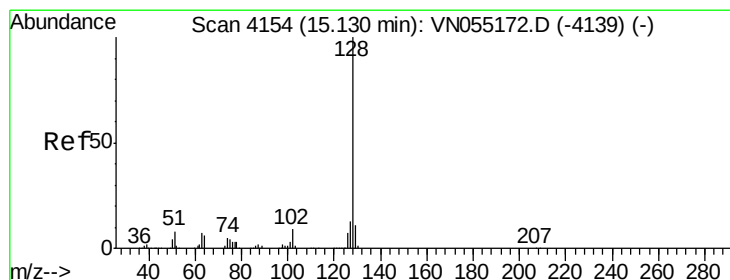
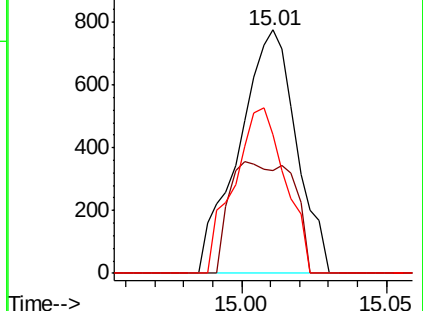
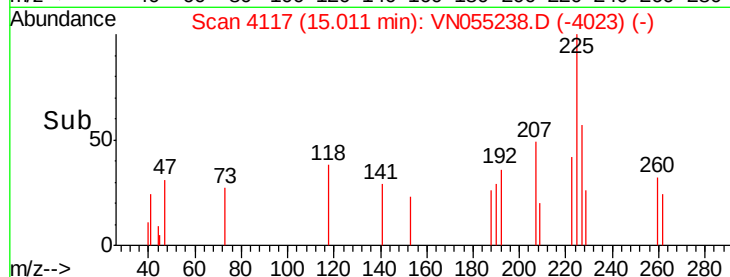
227 60.5 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.936 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055238.D

Acq: 25 Apr 2019 11:15

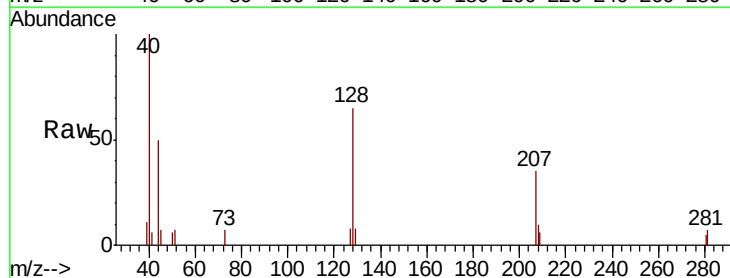
Tgt Ion:128 Resp: 3315

Ion Ratio Lower Upper

128 100

127 9.8 10.3 15.5#

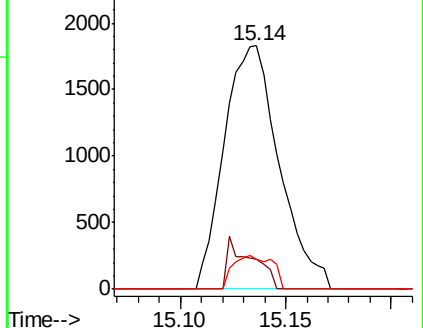
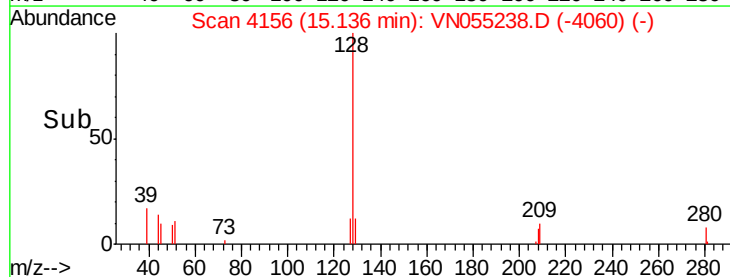
129 9.8 8.8 13.2

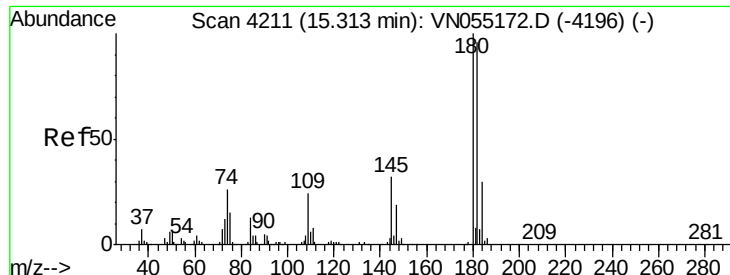


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.652 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055238.D
 Acq: 25 Apr 2019 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119197TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.5	47.2	141.6
145	9.6	15.4	46.1#

