

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056094.D
 Acq On : 7 Jun 2019 12:51
 Operator : JC/SP
 Sample : K3236-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N48970

Quant Time: Jun 08 05:10:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

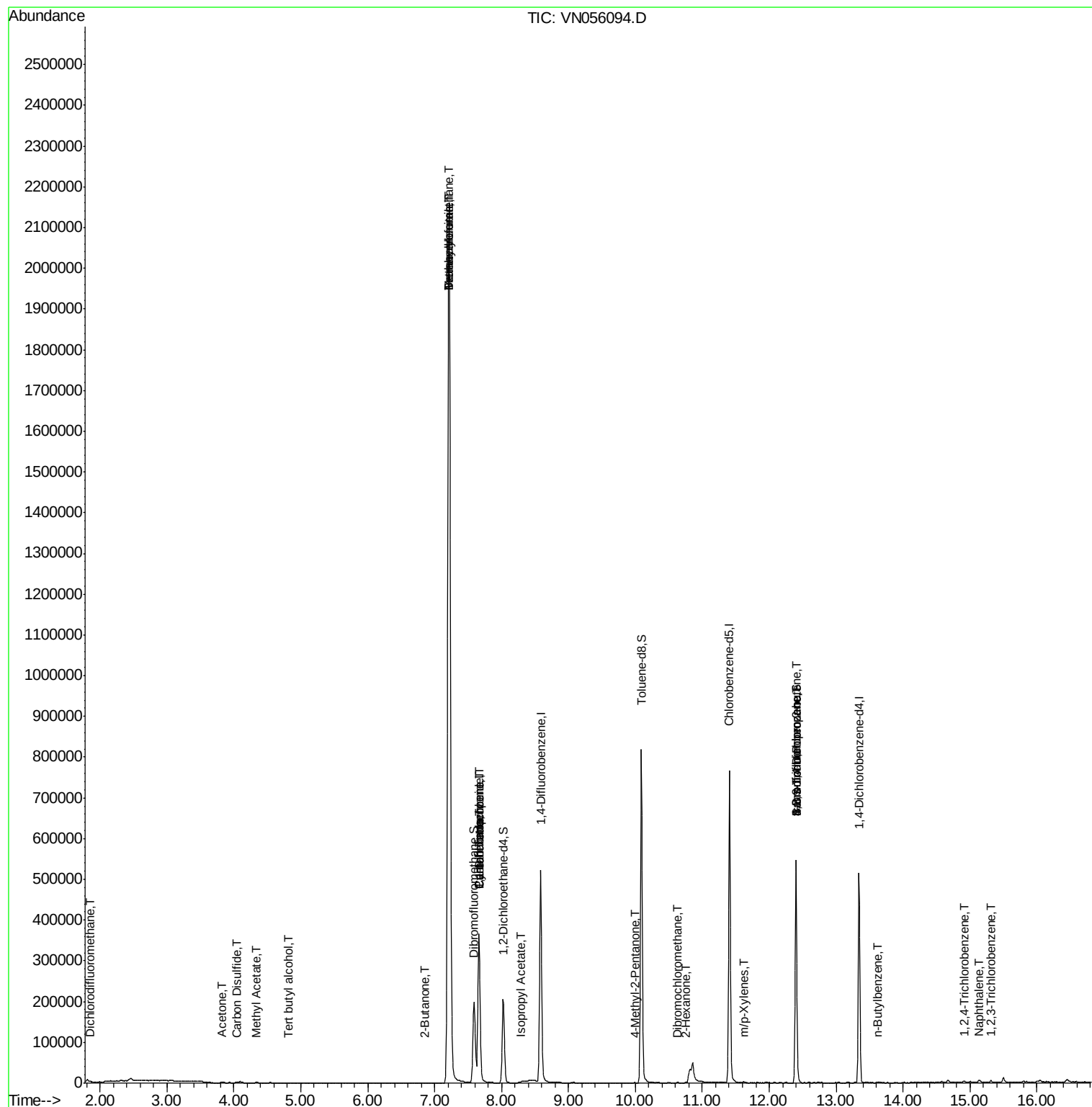
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	353335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	170134	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	7.59	113	150355	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	618614	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	193524	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	98	0.380	ug/l #	42
11) Tert butyl alcohol	4.82	59	150	0.246	ug/l #	74
16) Acetone	3.82	43	4609	2.747	ug/l	100
17) Carbon Disulfide	4.03	76	1518	0.214	ug/l #	74
18) Methyl Acetate	4.33	43	2616	0.218	ug/l #	84
25) 2-Butanone	6.86	43	648	0.306	ug/l #	47
28) Bromochloromethane	7.22	49	3051	1.155	ug/l #	7
29) Tetrahydrofuran	7.22	42	1903064	1452.216	ug/l	99
31) Cyclohexane	7.66	56	5102	0.916	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20258	4.557	ug/l #	49
38) Carbon Tetrachloride	7.66	117	28943	7.062	ug/l #	15
41) Methacrylonitrile	7.22	41	1026000	563.815	ug/l #	36
43) Isopropyl Acetate	8.28	43	2065	0.322	ug/l #	53
51) 4-Methyl-2-Pentanone	9.99	43	1102	0.275	ug/l #	60
59) 2-Hexanone	10.75	43	1949	0.671	ug/l	80
60) Dibromochloromethane	10.64	129	98	2.477	ug/l #	11
68) m/p-Xylenes	11.62	106	1351	0.209	ug/l	78
71) Bromoform	12.40	173	1359	3.198	ug/l #	1
73) Isopropylbenzene	12.25	105	818	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	87433	30.483	ug/l #	100
79) 2-Chlorotoluene	12.67	91	712	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	87433	101.515	ug/l #	15
83) tert-Butylbenzene	12.99	119	756	Below Cal	#	63
89) n-Butylbenzene	13.61	91	1847	0.239	ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	1671	4.802	ug/l	95
94) Hexachlorobutadiene	15.00	225	468	Below Cal		92
95) Naphthalene	15.13	128	5074	4.479	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	2096	3.703	ug/l	99

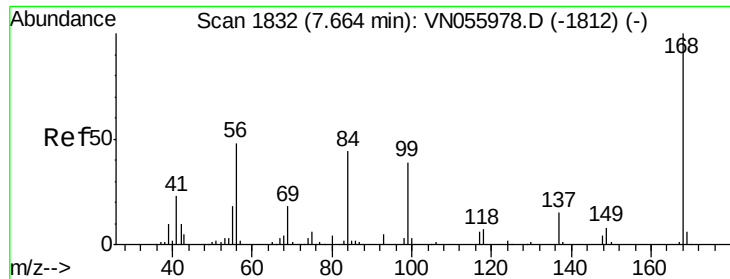
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

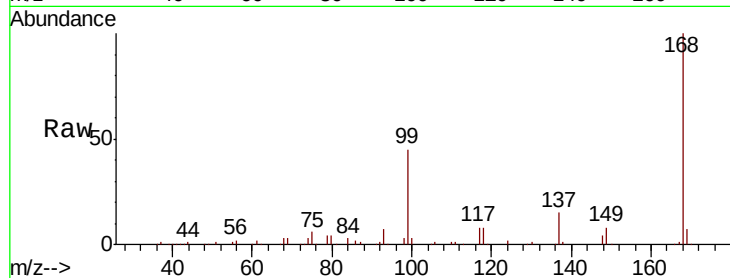
N48970

Tot Ion:168 Resp: 353335

Ion Ratio Lower Upper

168 100

99 44.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

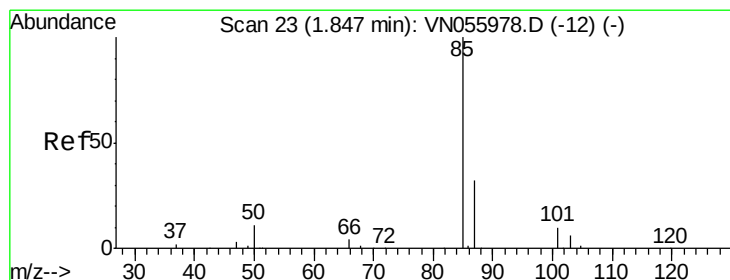
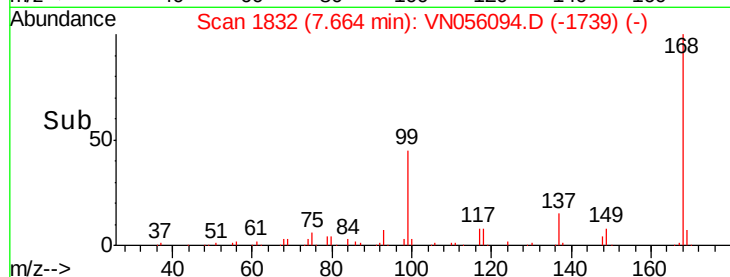
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 0.380 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056094.D

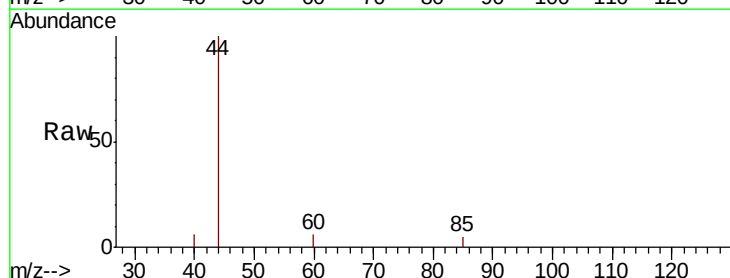
Acq: 7 Jun 2019 12:51

Tgt Ion: 85 Resp: 98

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

200

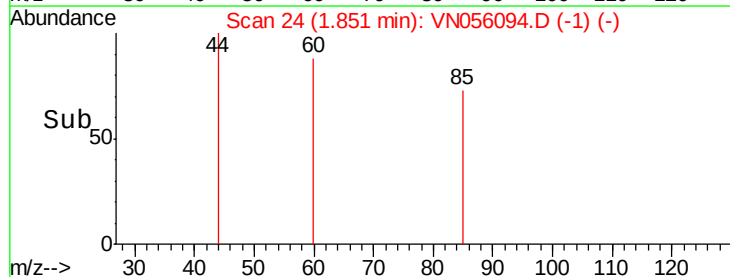
150

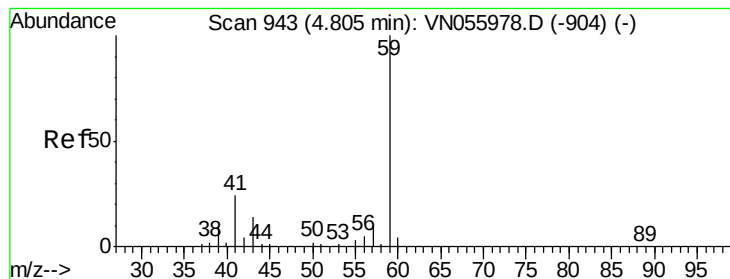
100

50

0

Time--> 1.84 1.85 1.86



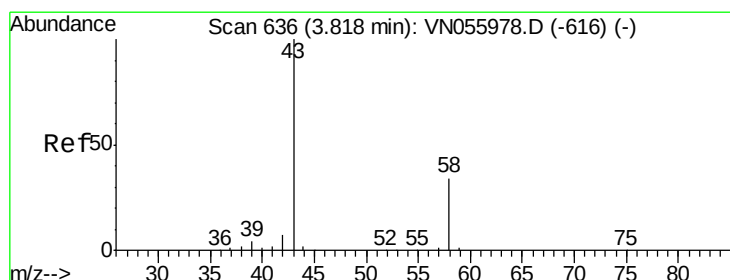
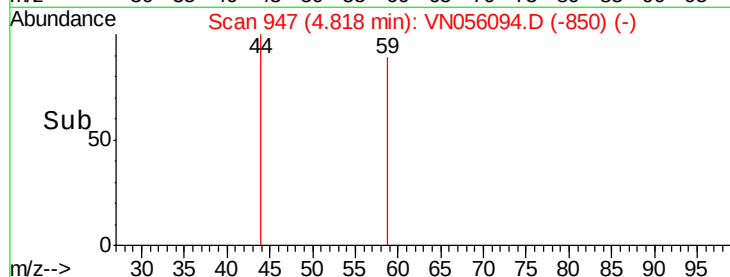
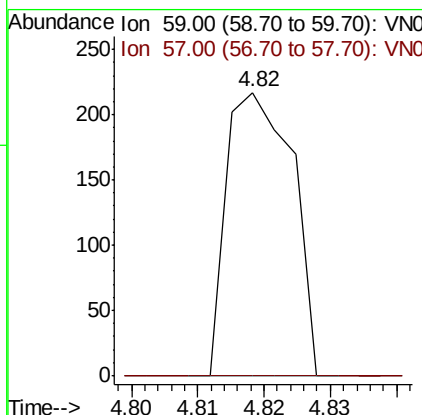
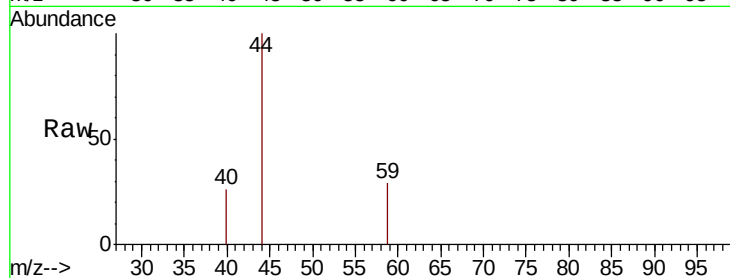


#11

Tert butyl alcohol
 Concen: 0.246 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN056094.D
 Acq: 7 Jun 2019 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 N48970

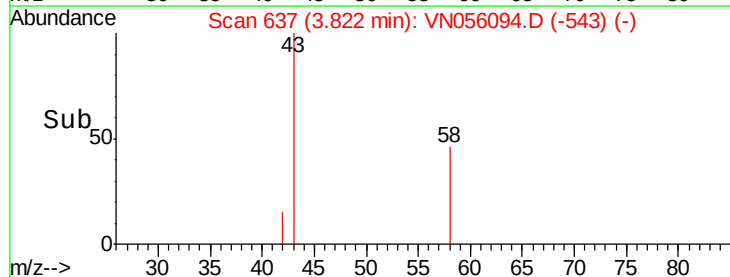
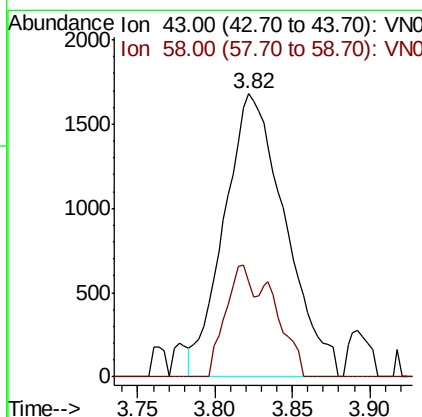
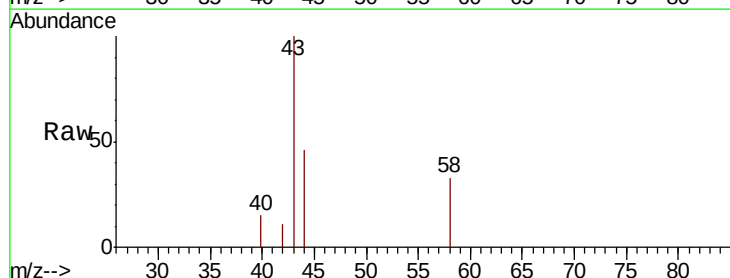
Tot Ion: 59 Resp: 150
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

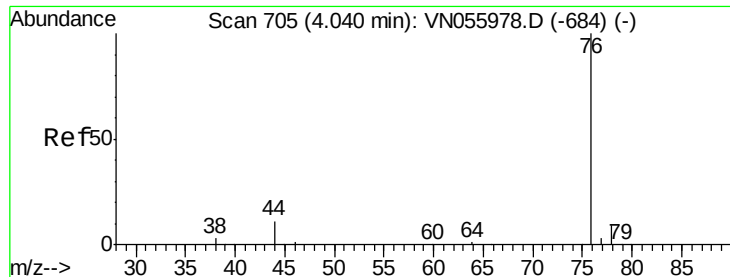


#16

Acetone
 Concen: 2.747 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056094.D
 Acq: 7 Jun 2019 12:51

Tgt Ion: 43 Resp: 4609
 Ion Ratio Lower Upper
 43 100
 58 33.5 26.6 39.8

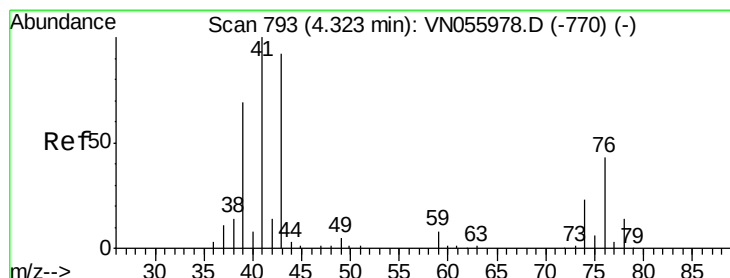
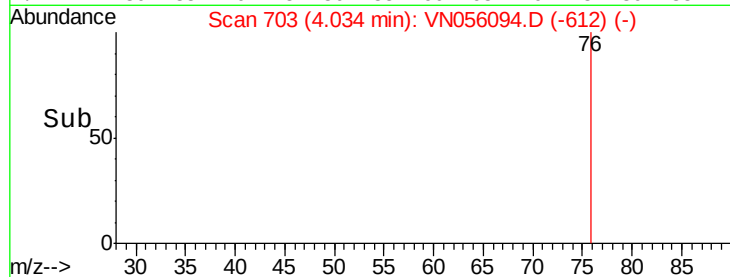
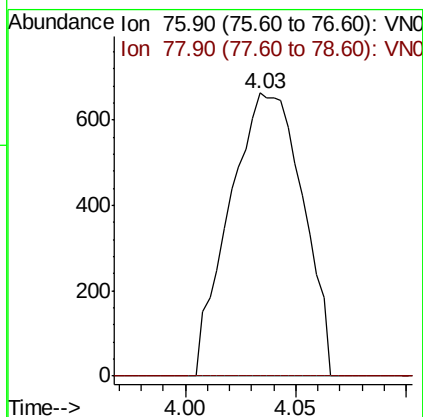
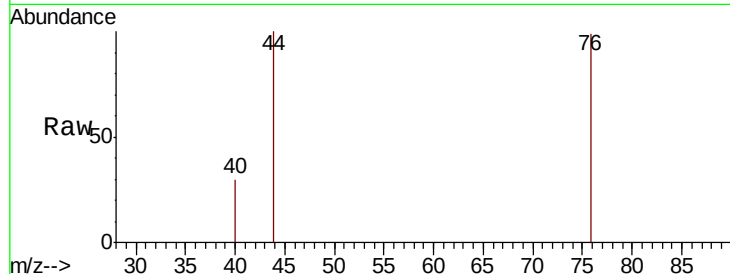




#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN056094.D
Acq: 7 Jun 2019 12:51

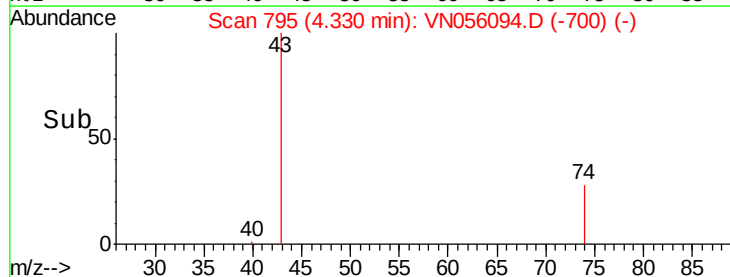
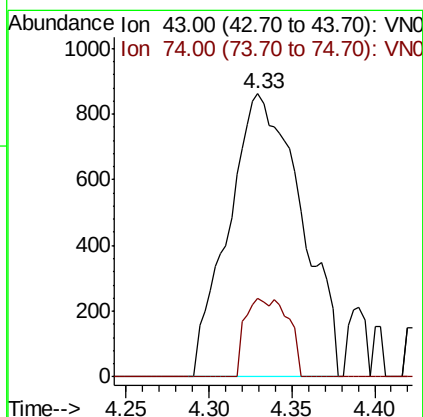
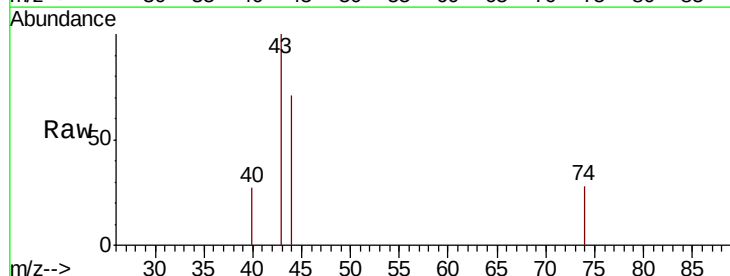
Instrument :
MSVOA_N
ClientSampled :
N48970

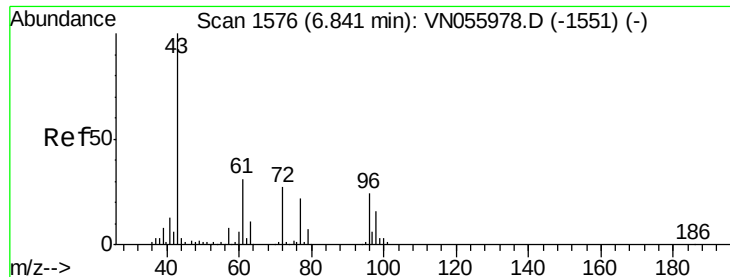
Tot Ion: 76 Resp: 1518
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.218 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056094.D
Acq: 7 Jun 2019 12:51

Tgt Ion: 43 Resp: 2616
Ion Ratio Lower Upper
43 100
74 16.4 19.3 28.9#

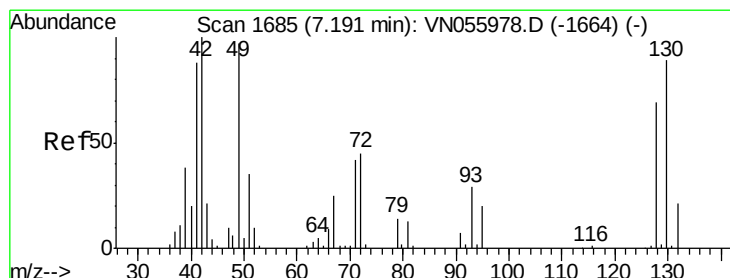
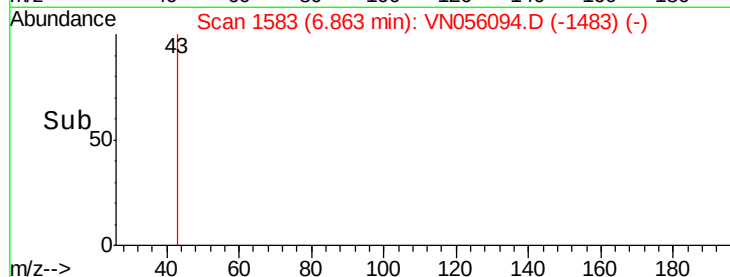
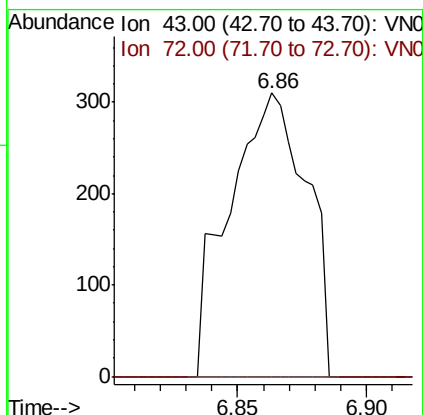
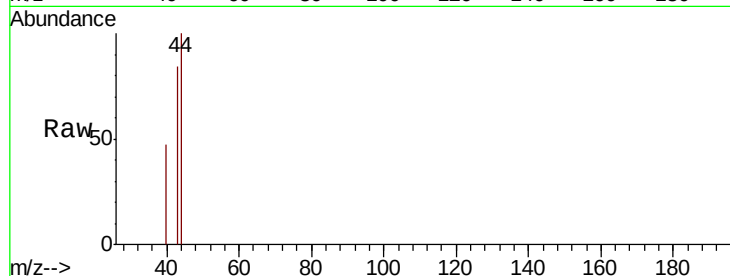




#25
2-Butanone
Concen: 0.306 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN056094.D
Acq: 7 Jun 2019 12:51

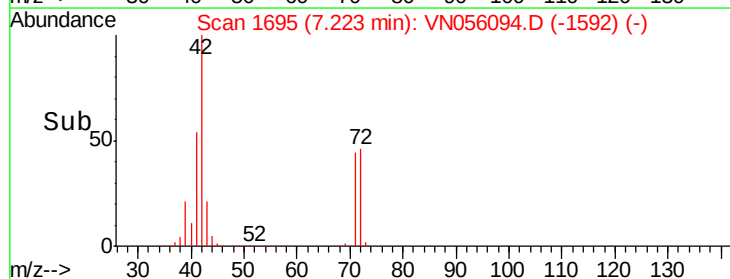
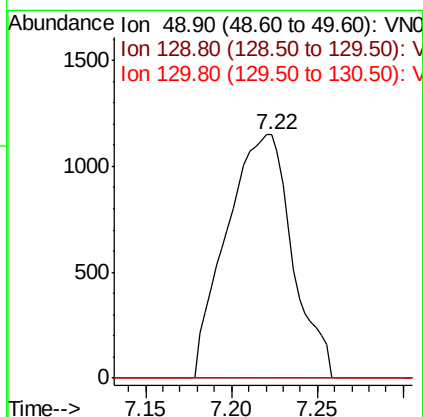
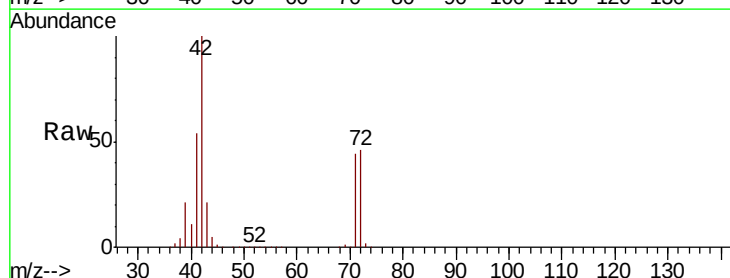
Instrument :
MSVOA_N
ClientSampleId :
N48970

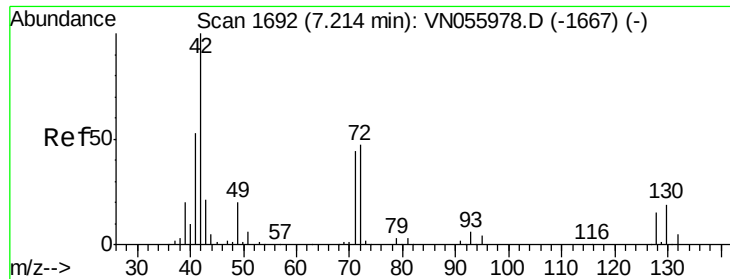
Tot Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#28
Bromochloromethane
Concen: 1.155 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.03 min
Lab File: VN056094.D
Acq: 7 Jun 2019 12:51

Tgt Ion: 49 Resp: 3051
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 71.2 106.8#





#29

Tetrahydrofuran

Concen: 1452.216 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

N48970

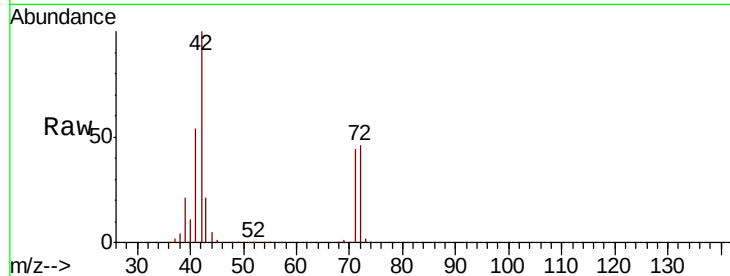
Tot Ion: 42 Resp: 1903064

Ion Ratio Lower Upper

42 100

72 46.0 35.9 53.9

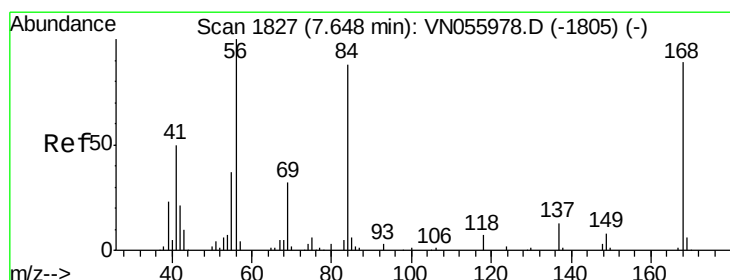
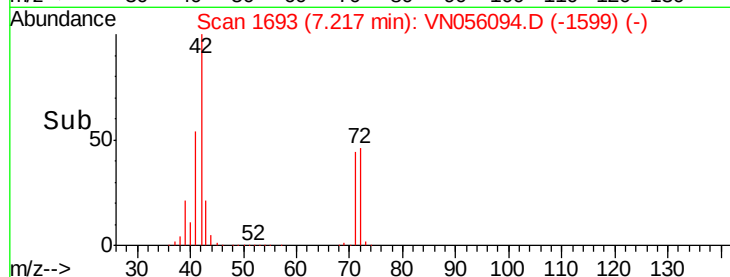
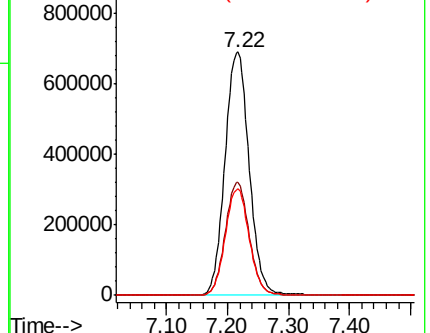
71 43.3 34.0 51.0



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



#31

Cyclohexane

Concen: 0.916 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

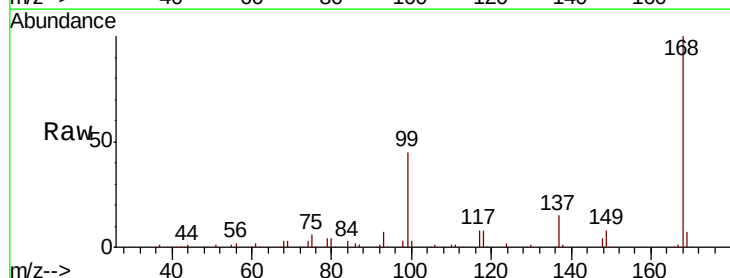
Tgt Ion: 56 Resp: 5102

Ion Ratio Lower Upper

56 100

69 187.1 25.6 38.4#

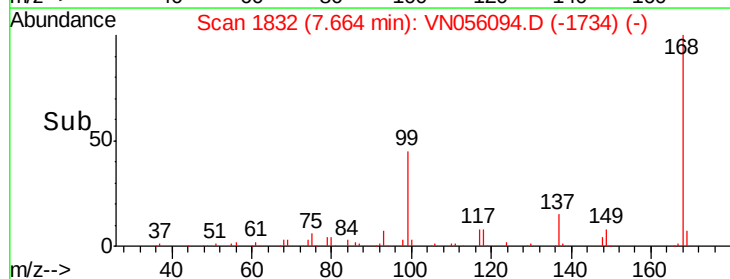
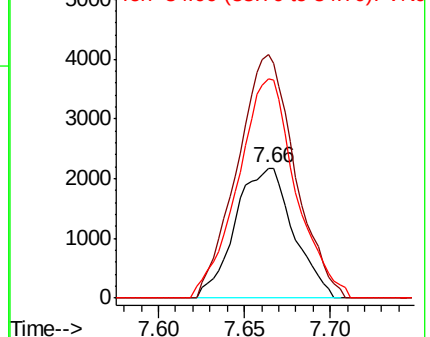
84 168.1 67.4 101.0#

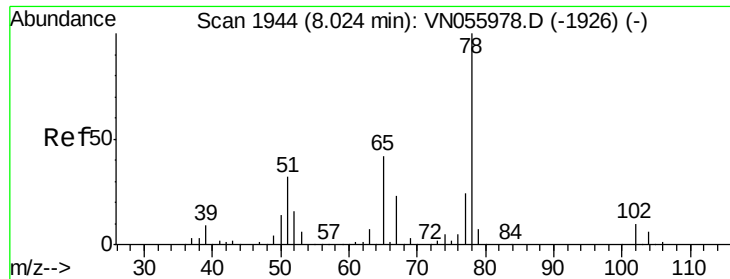


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

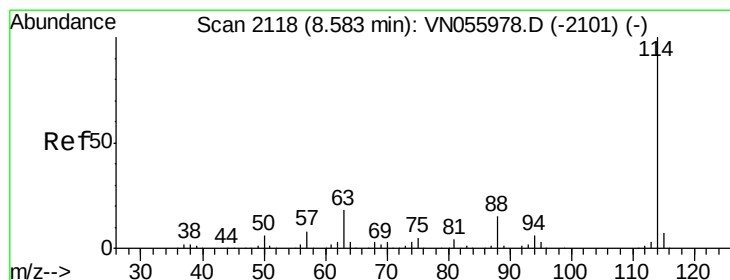
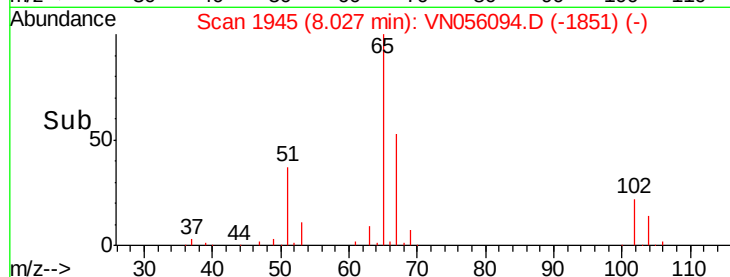
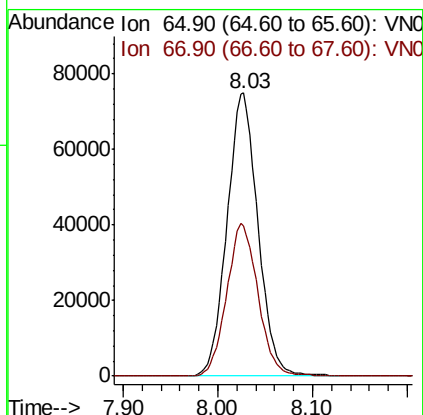
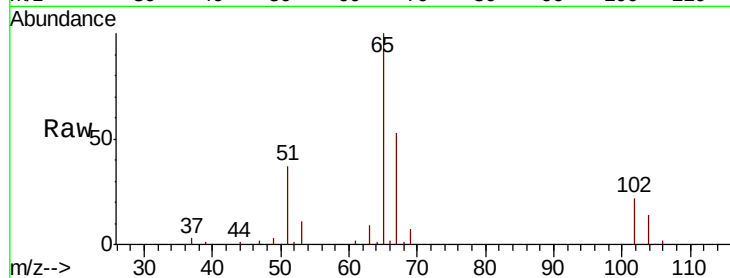




#33
 1,2-Dichloroethane-d4
 Concen: 48.494 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056094.D
 Acq: 7 Jun 2019 12:51

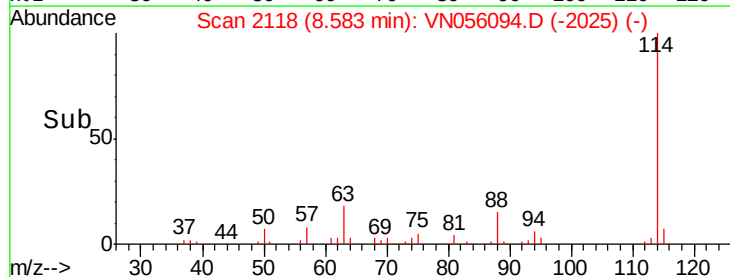
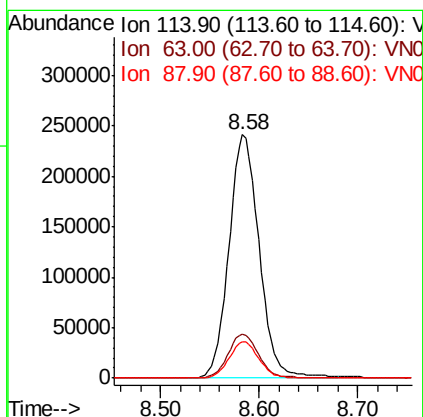
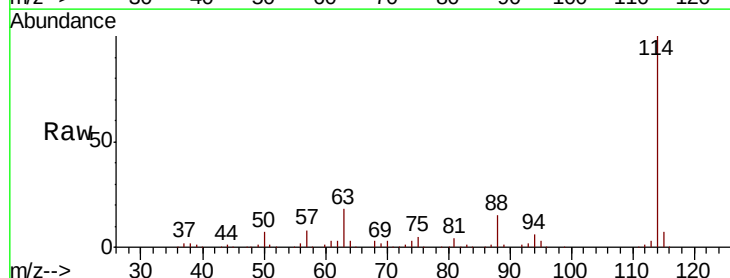
Instrument :
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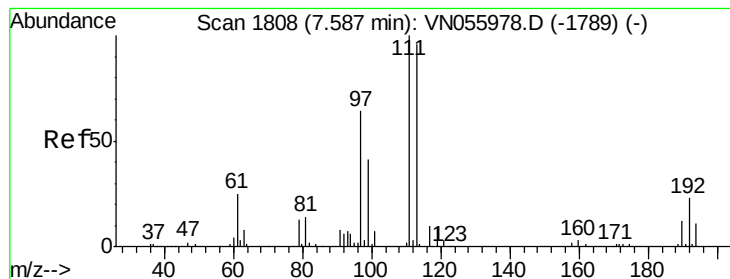
Tot Ion: 65 Resp: 170134
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056094.D
 Acq: 7 Jun 2019 12:51

Tgt Ion: 114 Resp: 516967
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.404 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

N48970

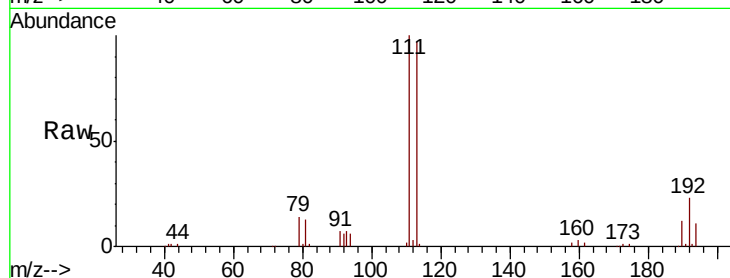
Tot Ion:113 Resp: 150355

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

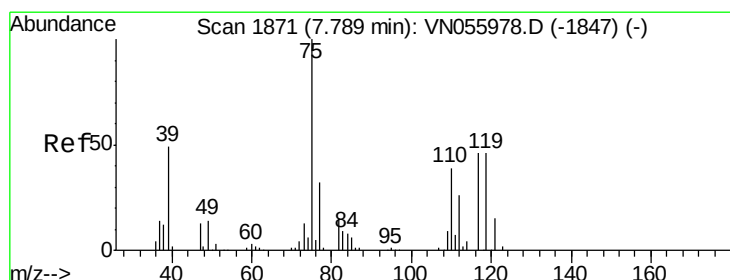
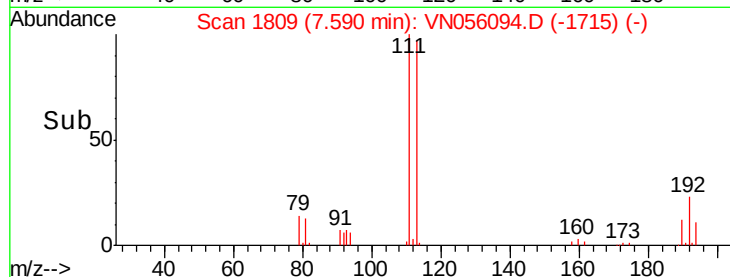
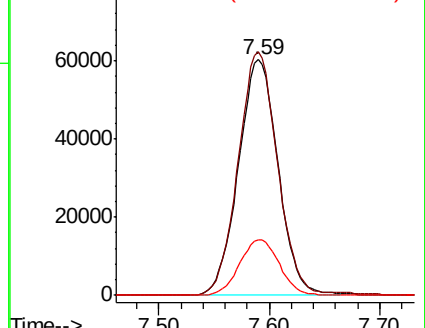
192 23.8 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.557 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

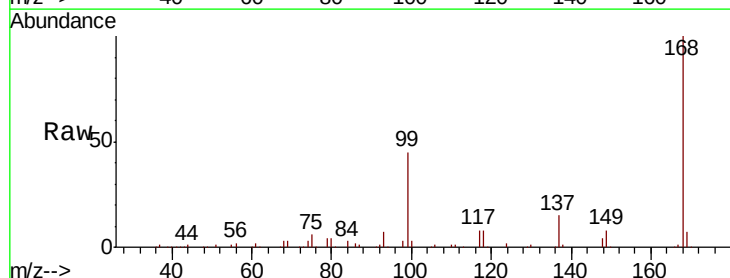
Tgt Ion: 75 Resp: 20258

Ion Ratio Lower Upper

75 100

110 9.8 19.0 57.0#

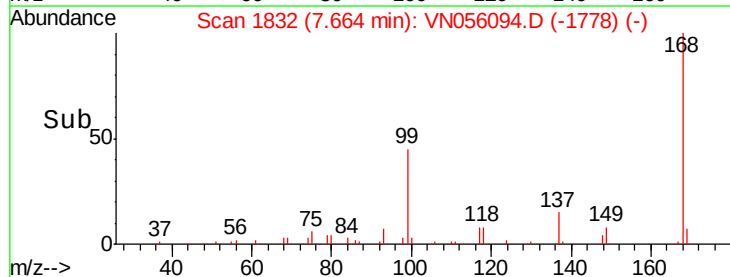
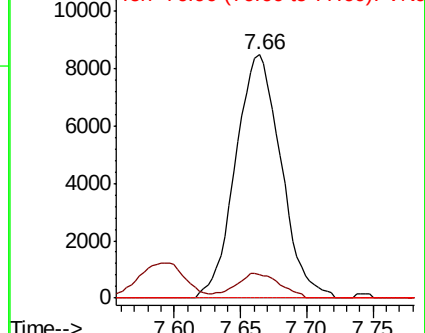
77 0.0 25.1 37.7#

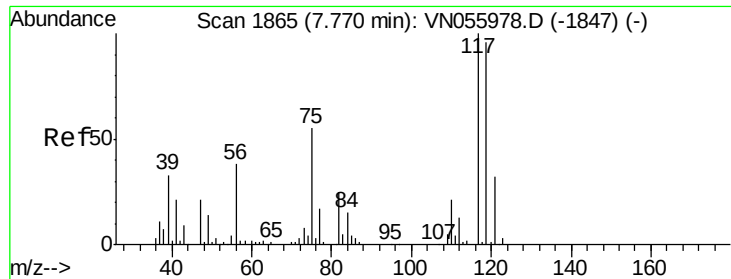


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 7.062 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

N48970

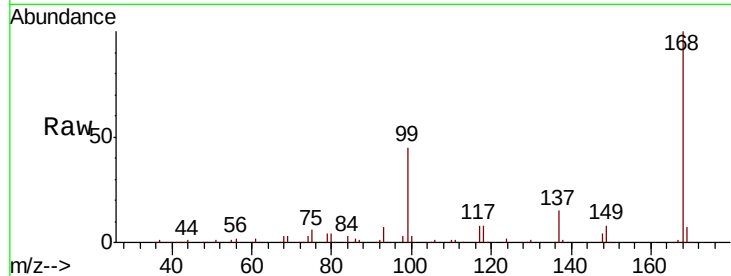
Tot Ion:117 Resp: 28943

Ion Ratio Lower Upper

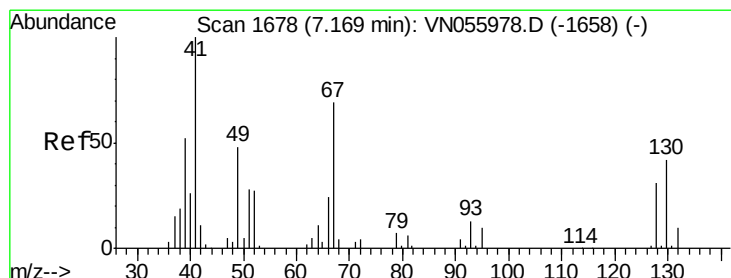
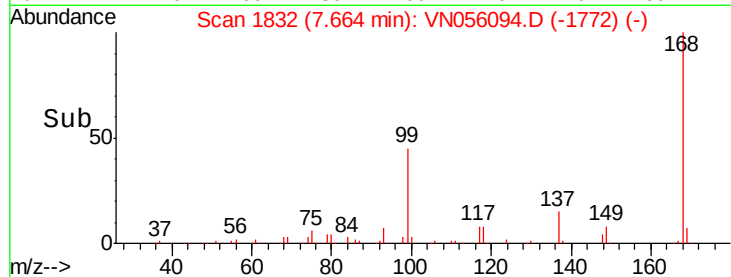
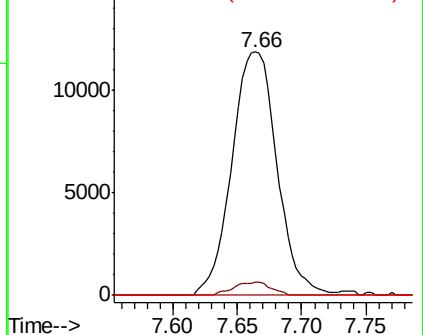
117 100

119 5.3 79.0 118.6#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 563.815 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.05 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Tgt Ion: 41 Resp: 1026000

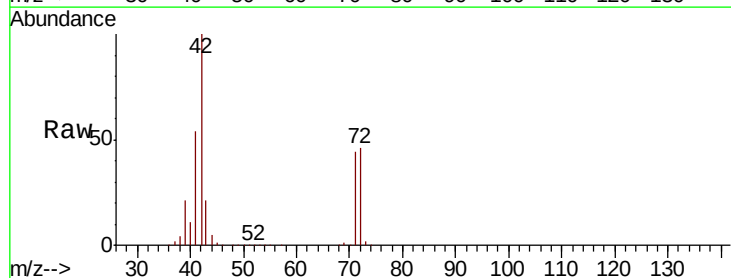
Ion Ratio Lower Upper

41 100

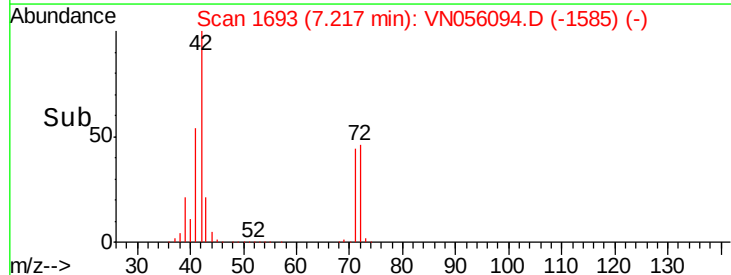
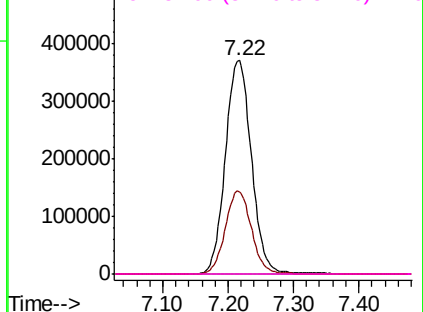
39 38.8 45.6 68.4#

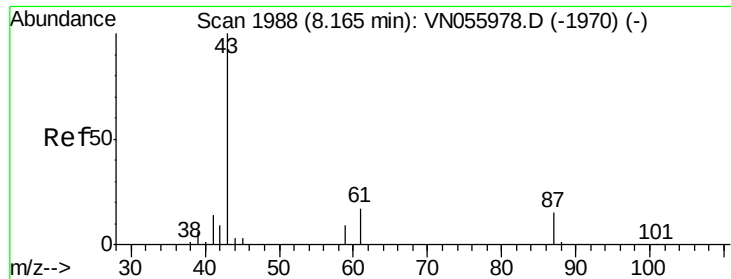
67 0.0 67.7 101.5#

52 0.1 26.6 40.0#



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: 0.322 ug/l

RT: 8.28 min Scan# 2024

Delta R.T. 0.12 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

N48970

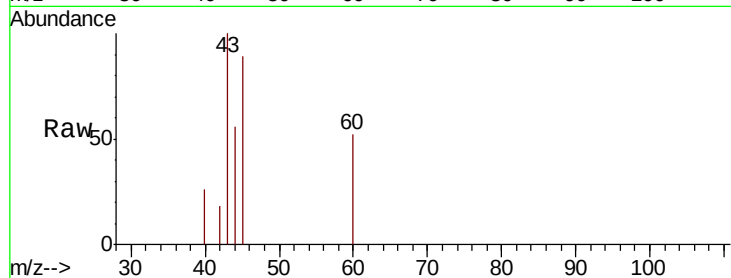
Tot Ion: 43 Resp: 2065

Ion Ratio Lower Upper

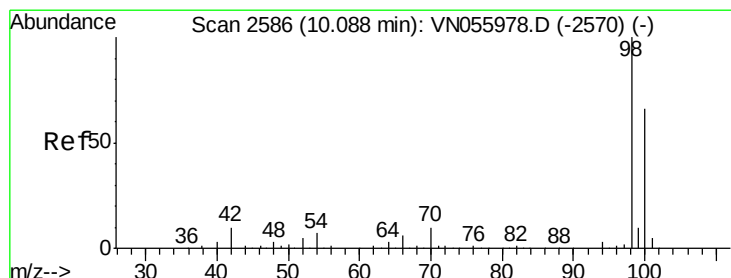
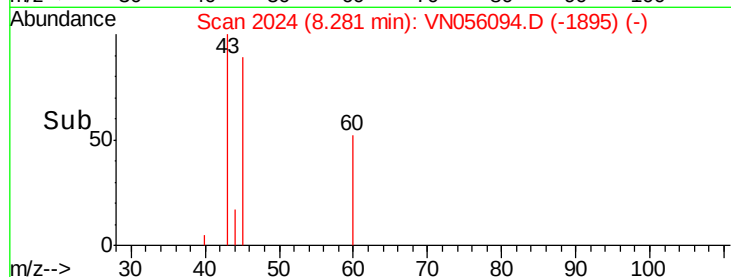
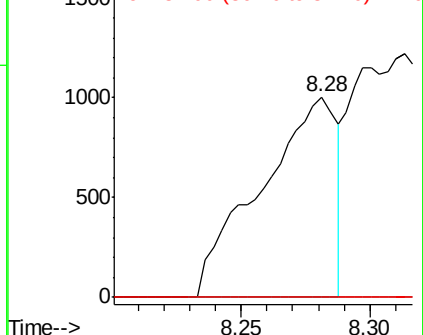
43 100

61 0.0 22.2 33.4#

87 0.0 11.4 17.2#



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



#50

Toluene-d8

Concen: 50.685 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056094.D

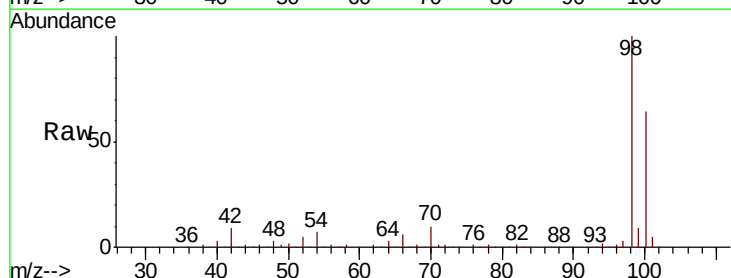
Acq: 7 Jun 2019 12:51

Tgt Ion: 98 Resp: 618614

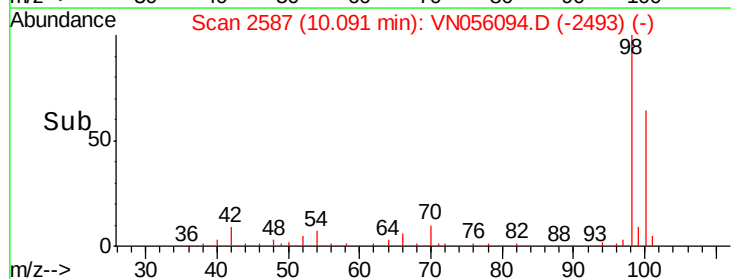
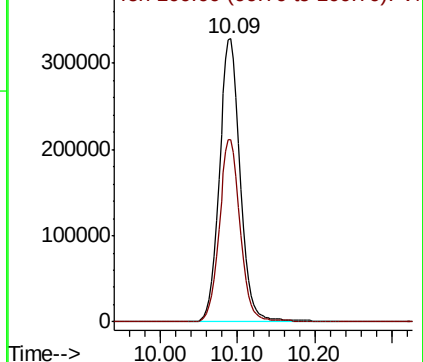
Ion Ratio Lower Upper

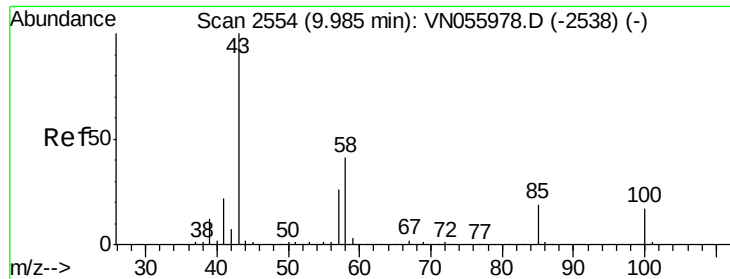
98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#51

4-Methyl-2-Pentanone

Concen: 0.275 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

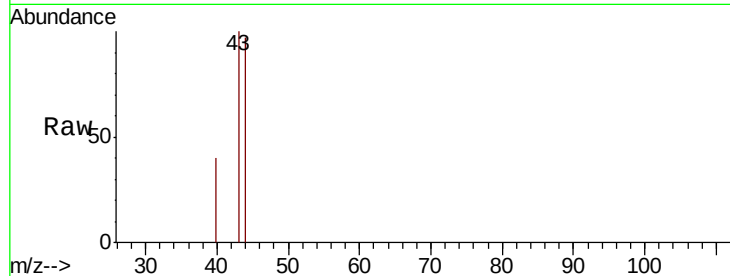
N48970

Tot Ion: 43 Resp: 1102

Ion Ratio Lower Upper

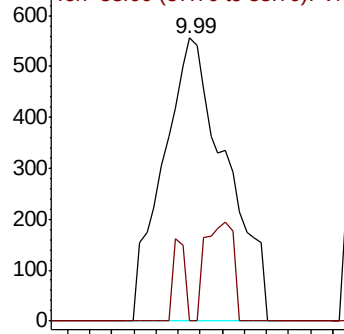
43 100

58 15.5 32.1 48.1#

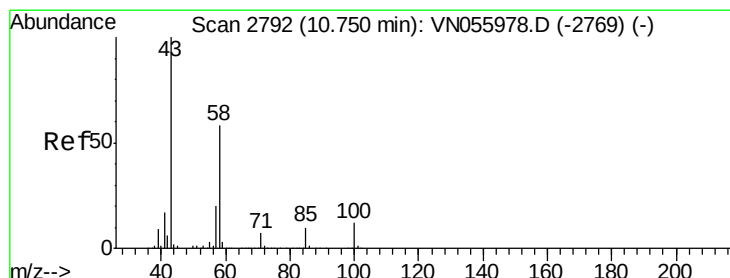
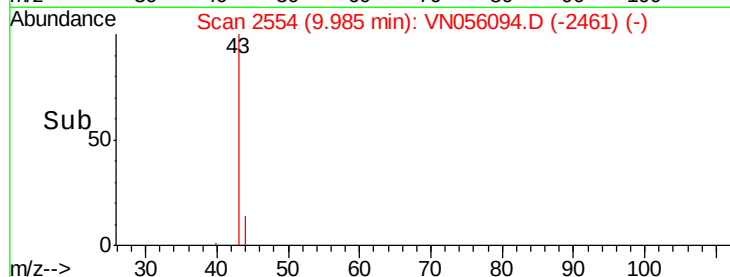


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#59

2-Hexanone

Concen: 0.671 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN056094.D

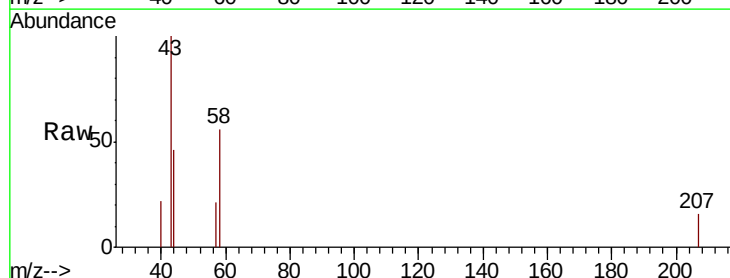
Acq: 7 Jun 2019 12:51

Tgt Ion: 43 Resp: 1949

Ion Ratio Lower Upper

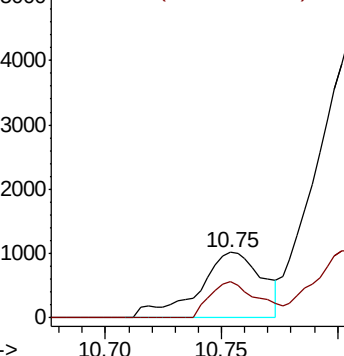
43 100

58 42.0 28.2 84.7

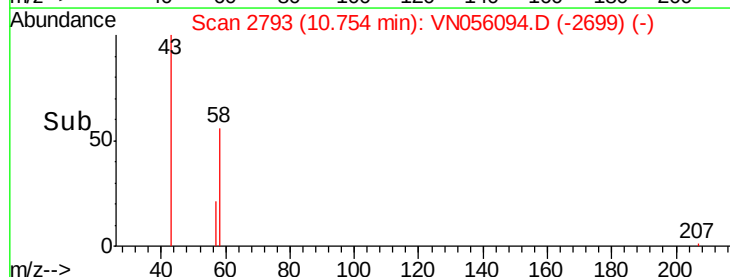


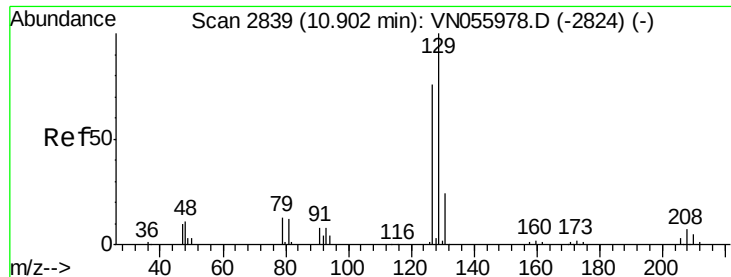
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#60

Dibromochloromethane

Concen: 2.477 ug/l

RT: 10.64 min Scan# 2757

Delta R.T. -0.26 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

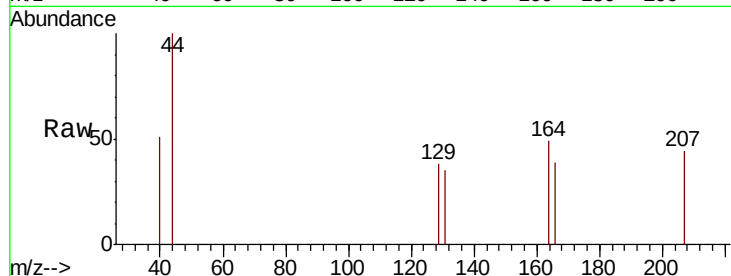
N48970

Tot Ion:129 Resp: 98

Ion Ratio Lower Upper

129 100

127 0.0 38.1 114.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.64

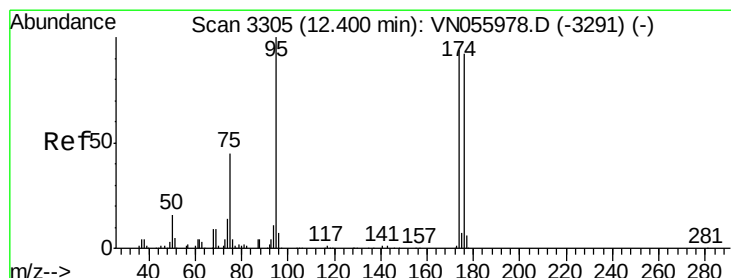
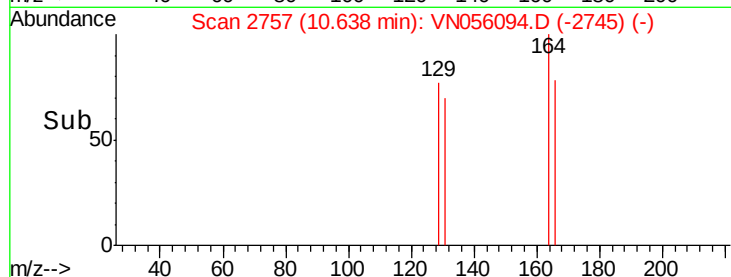
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.625 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

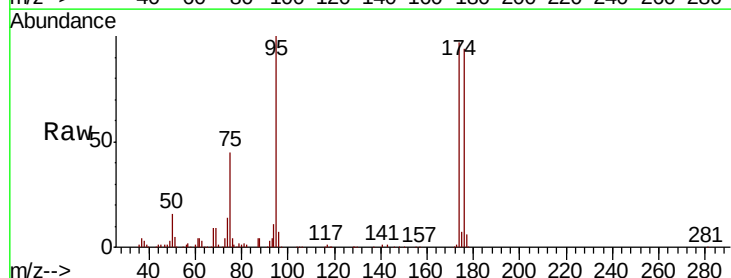
Tgt Ion: 95 Resp: 193524

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.0

176 93.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): V

150000 Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

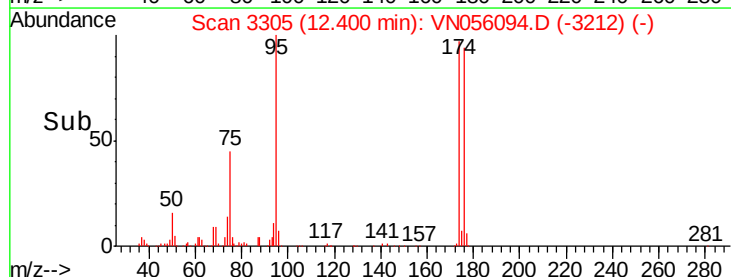
12.40

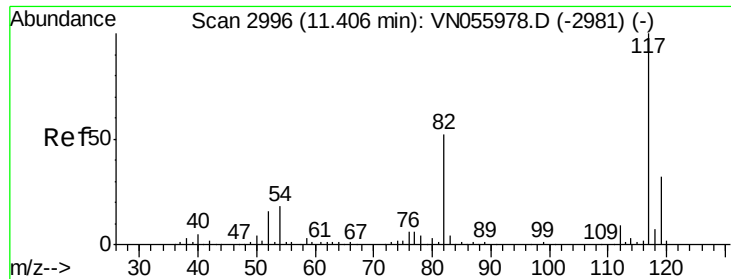
100000

50000

0

Time-->

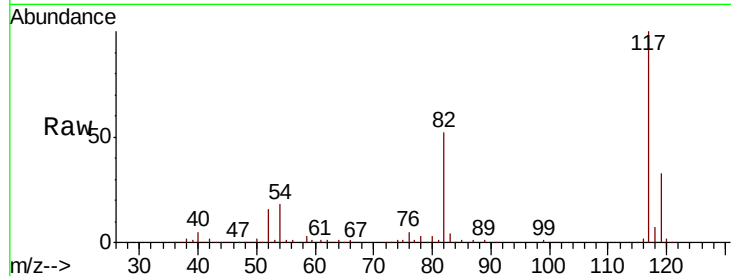




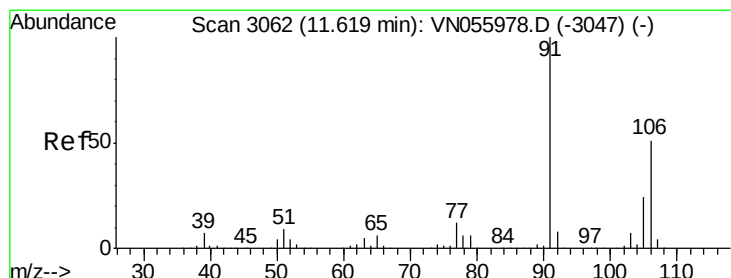
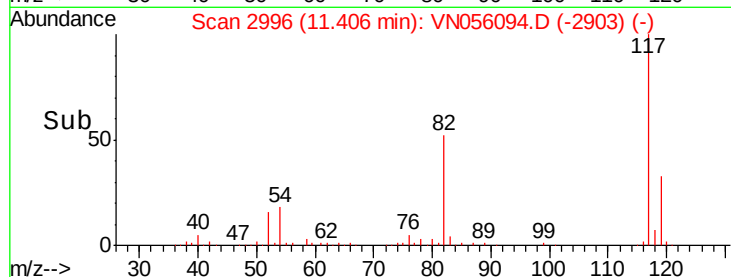
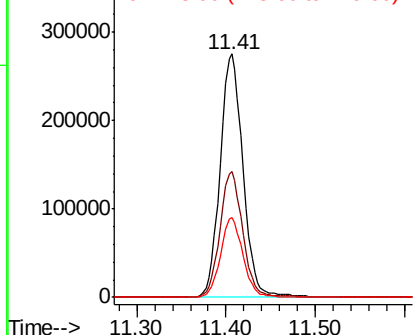
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056094.D
Acq: 7 Jun 2019 12:51

Instrument :
MSVOA_N
ClientSampled :
N48970

Tot Ion:117 Resp: 488682
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.9 25.4 38.0

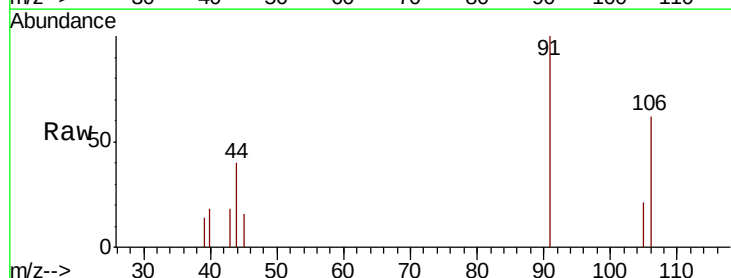


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

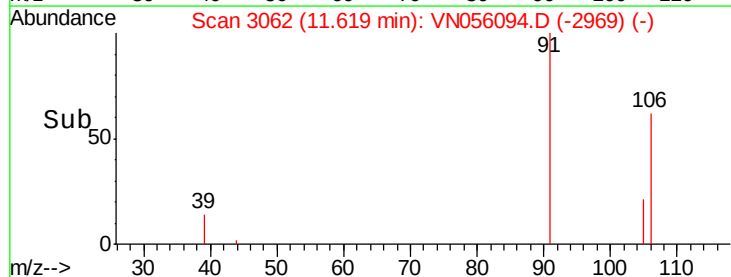
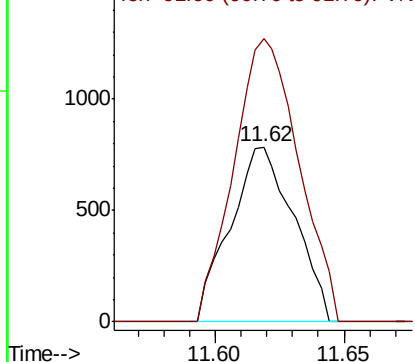


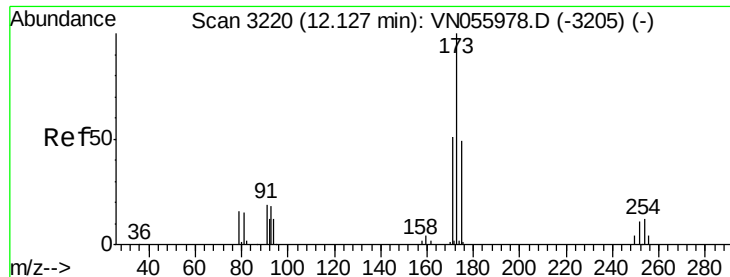
#68
m/p-Xylenes
Concen: 0.209 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056094.D
Acq: 7 Jun 2019 12:51

Tgt Ion:106 Resp: 1351
Ion Ratio Lower Upper
106 100
91 165.4 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 3.198 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

N48970

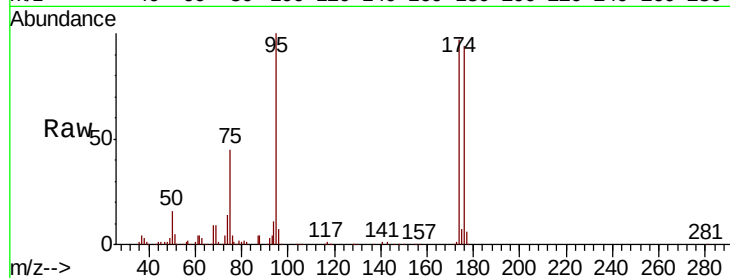
Tot Ion:173 Resp: 1359

Ion Ratio Lower Upper

173 100

175 865.9 24.3 72.8#

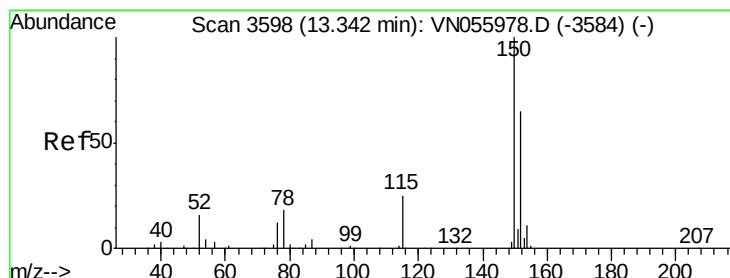
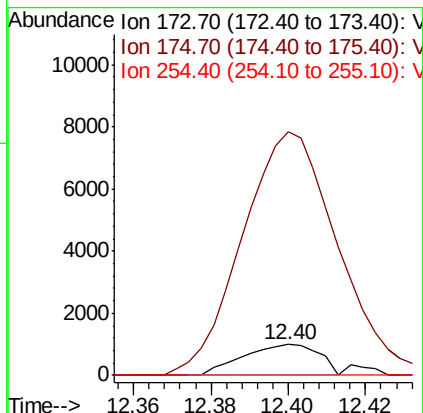
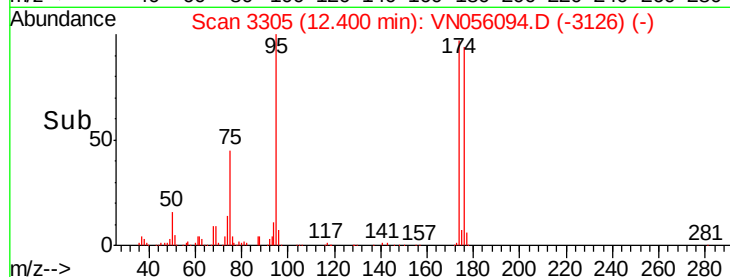
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

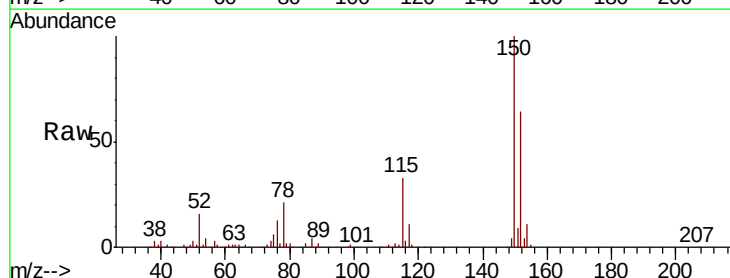
Tgt Ion:152 Resp: 155878

Ion Ratio Lower Upper

152 100

115 52.8 27.0 81.0

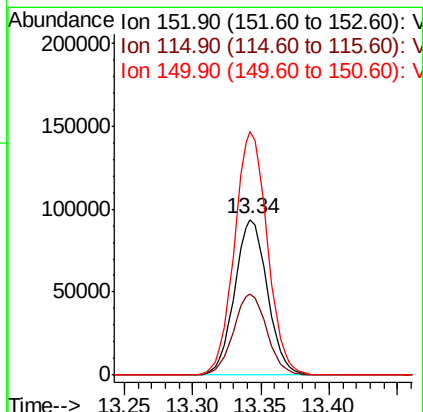
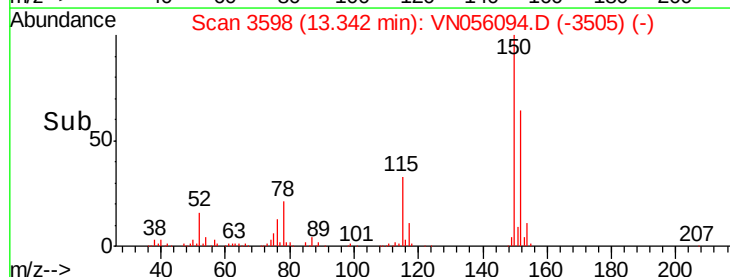
150 157.5 0.0 343.2

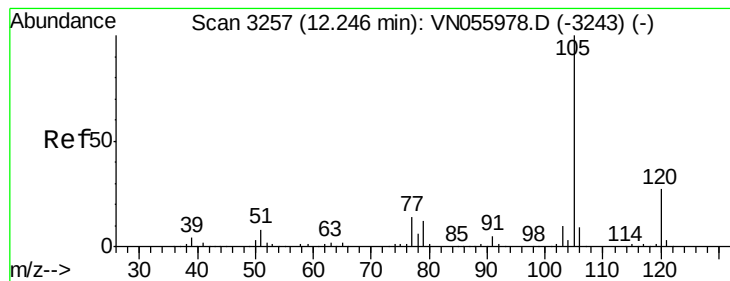


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.01 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

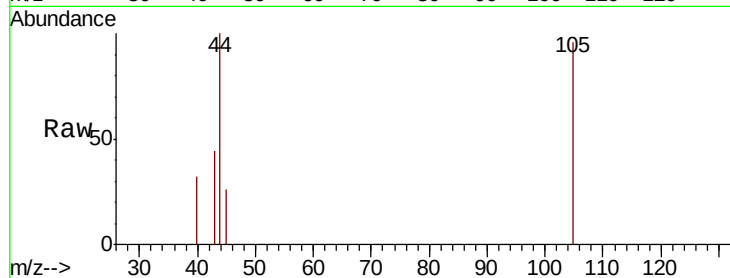
N48970

Tot Ion:105 Resp: 818

Ion Ratio Lower Upper

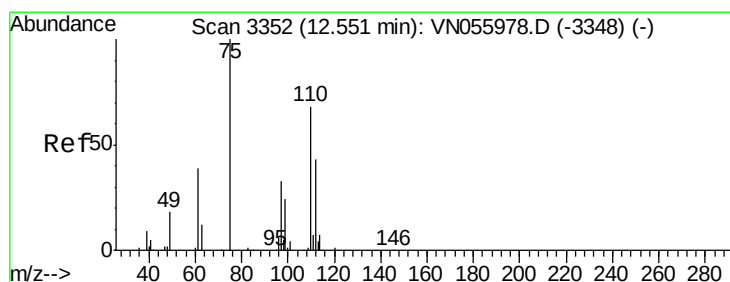
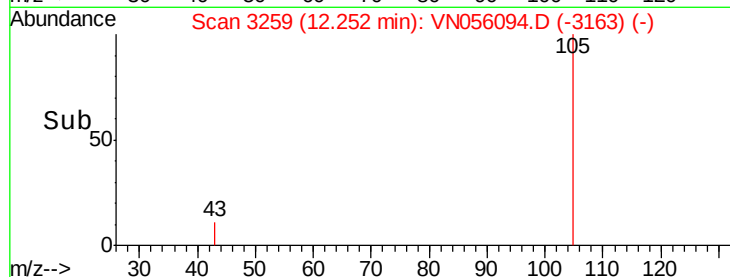
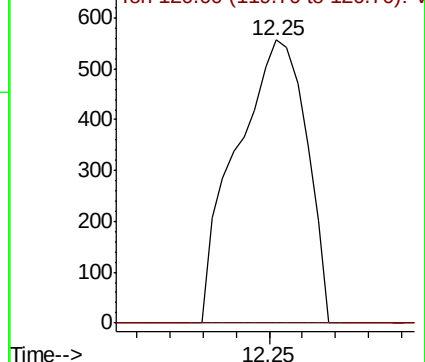
105 100

120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 30.483 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056094.D

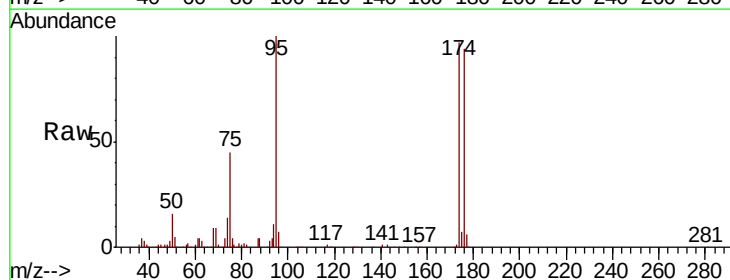
Acq: 7 Jun 2019 12:51

Tgt Ion: 75 Resp: 87433

Ion Ratio Lower Upper

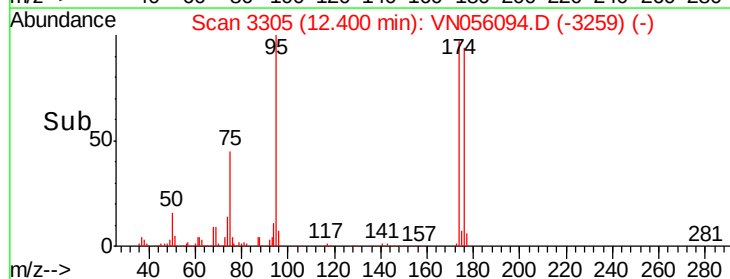
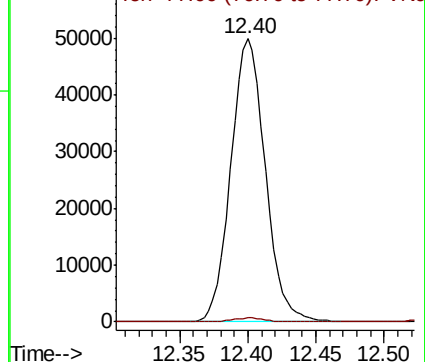
75 100

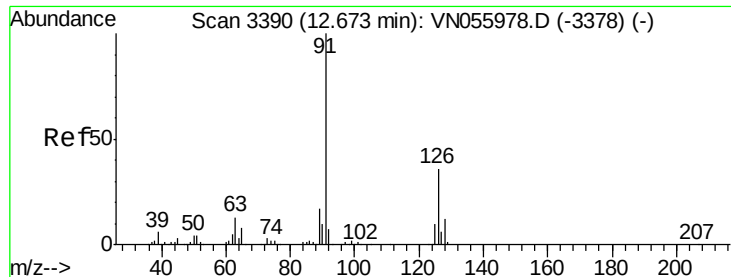
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

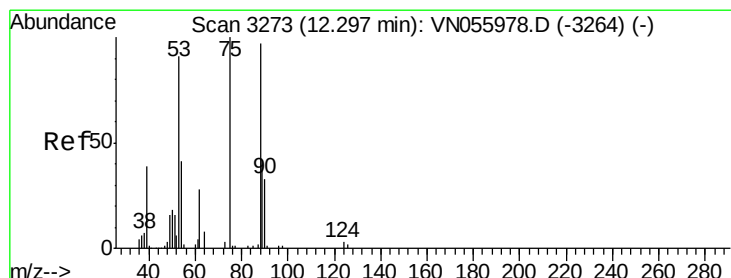
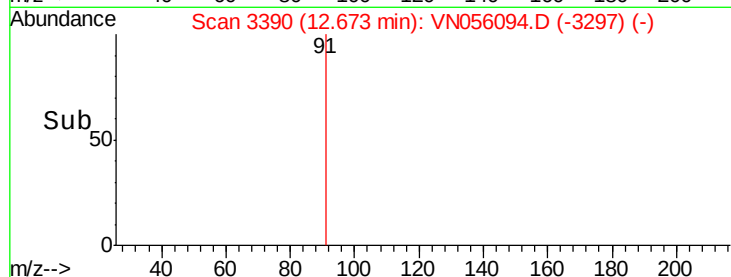
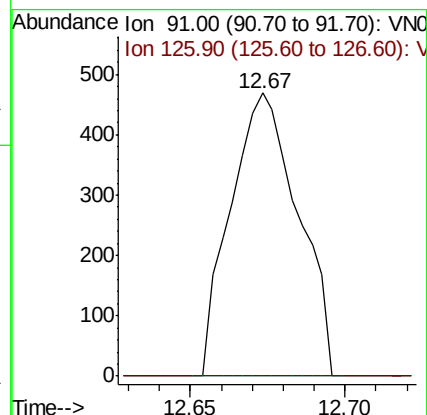
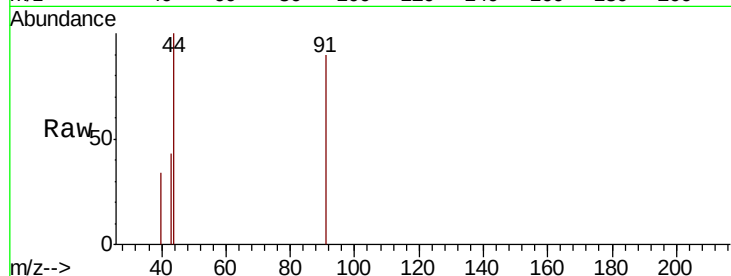
N48970

Tot Ion: 91 Resp: 712

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.515 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

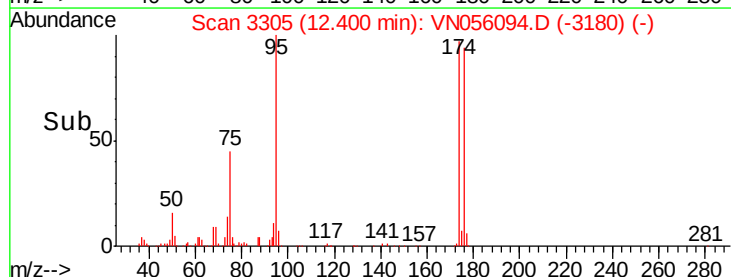
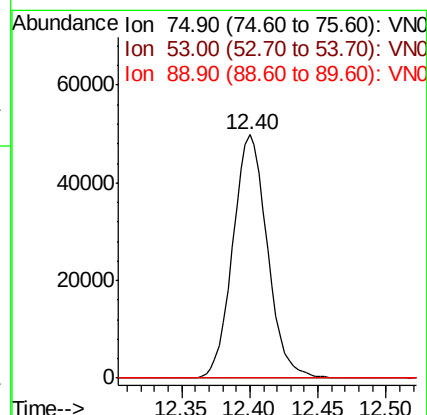
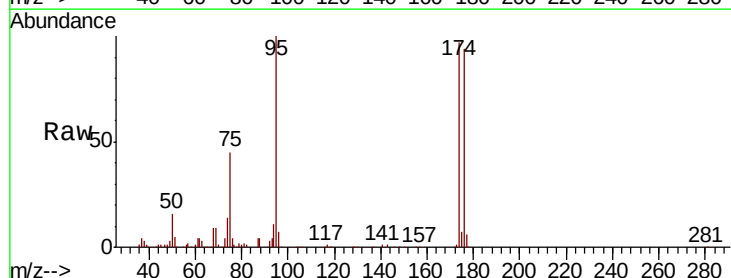
Tgt Ion: 75 Resp: 87433

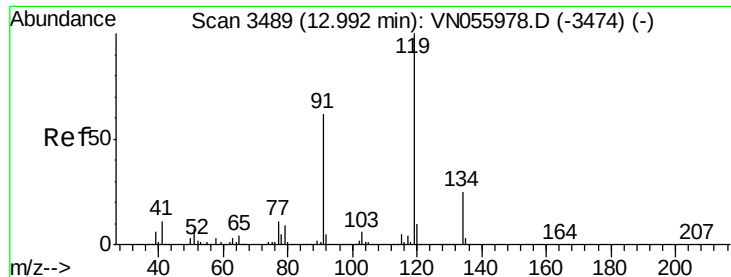
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#

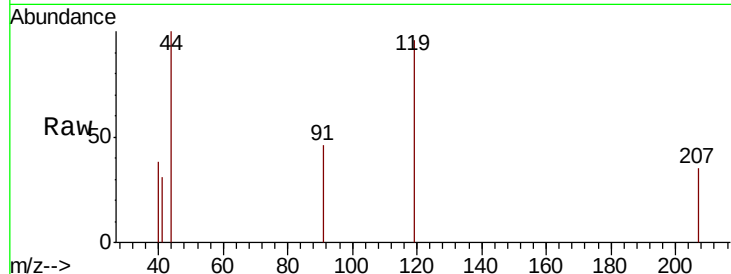




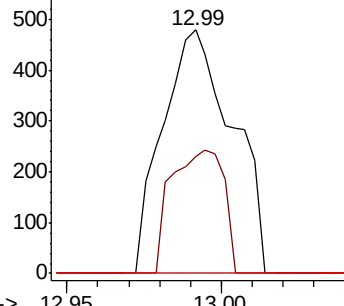
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056094.D
Acq: 7 Jun 2019 12:51

Instrument :
MSVOA_N
ClientSampled :
N48970

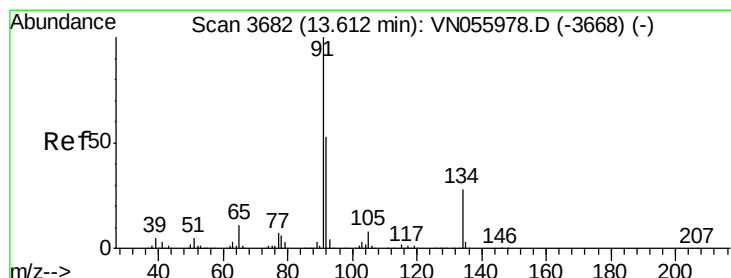
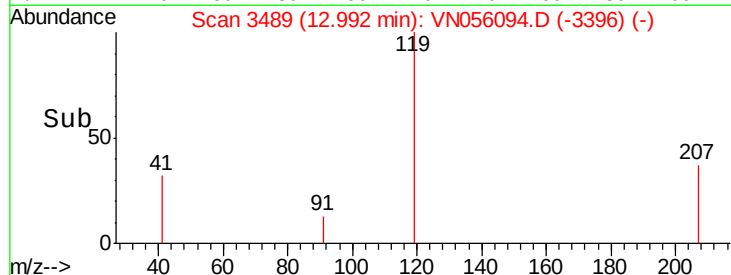
Tot Ion:119 Resp: 756
Ion Ratio Lower Upper
119 100
91 38.0 30.9 92.8
134 0.0 13.3 39.8#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN0
Ion 134.00 (133.70 to 134.70): V

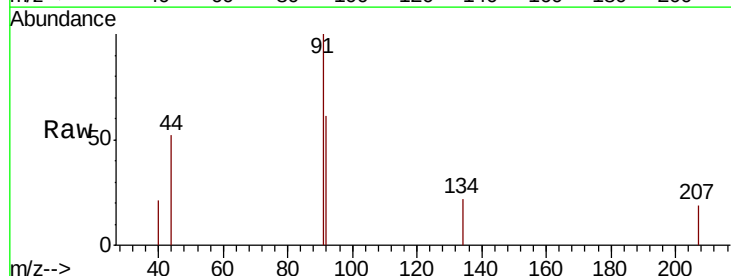


Time--> 12.95 13.00

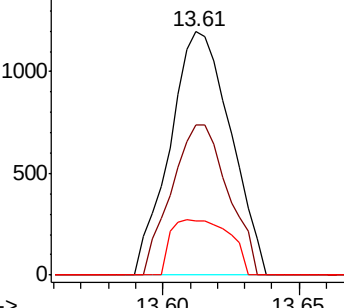


#89
n-Butylbenzene
Concen: 0.239 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056094.D
Acq: 7 Jun 2019 12:51

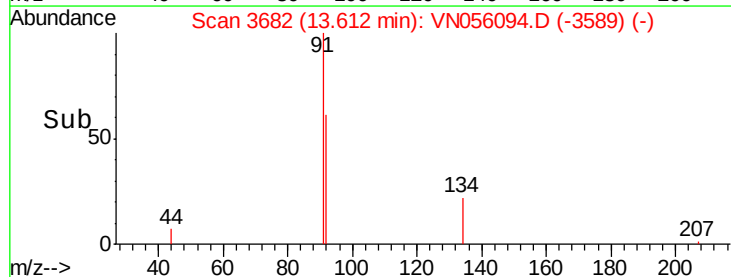
Tgt Ion: 91 Resp: 1847
Ion Ratio Lower Upper
91 100
92 57.3 26.4 79.0
134 22.0 13.9 41.7

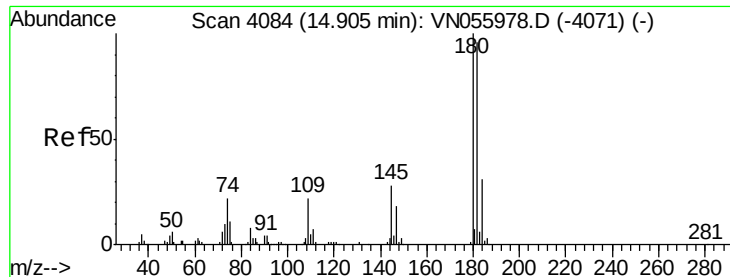


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V



Time--> 13.60 13.65

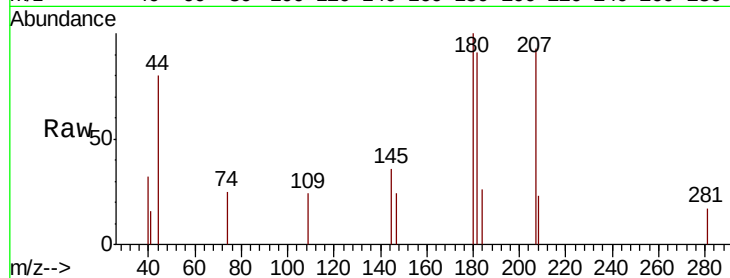




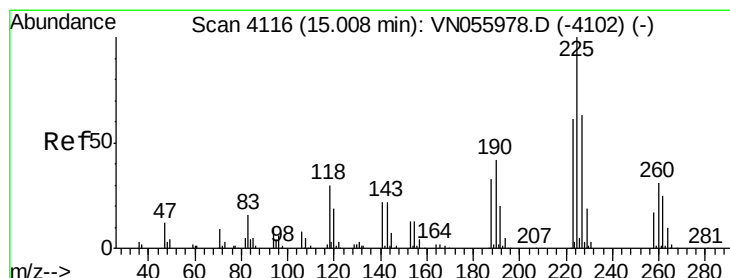
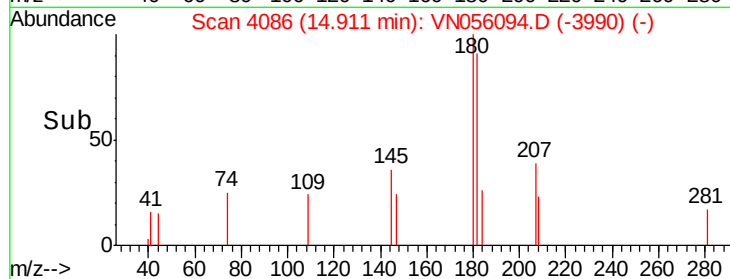
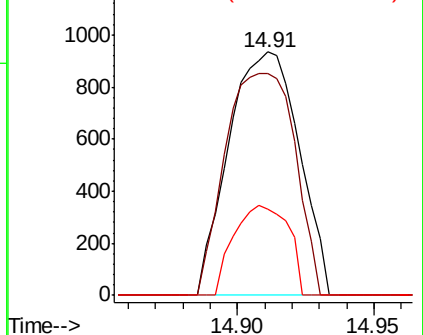
#93
 1,2,4-Trichlorobenzene
 Concen: 4.802 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN056094.D
 Acq: 7 Jun 2019 12:51

Instrument :
 MSVOA_N
 ClientSampled :
 N48970

Tot Ion:180 Resp: 1671
 Ion Ratio Lower Upper
 180 100
 182 90.7 48.3 144.9
 145 28.7 14.0 41.9

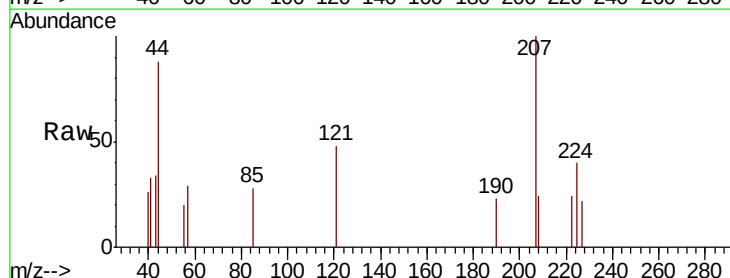


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

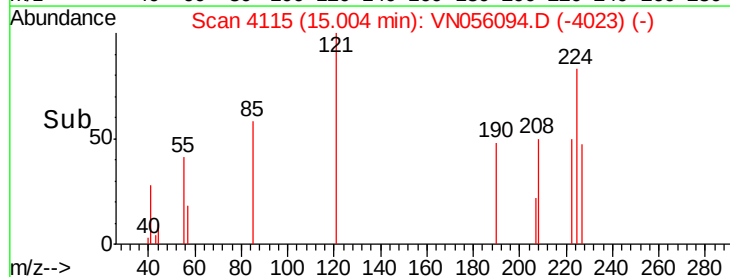
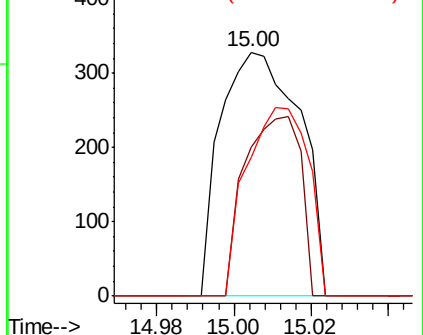


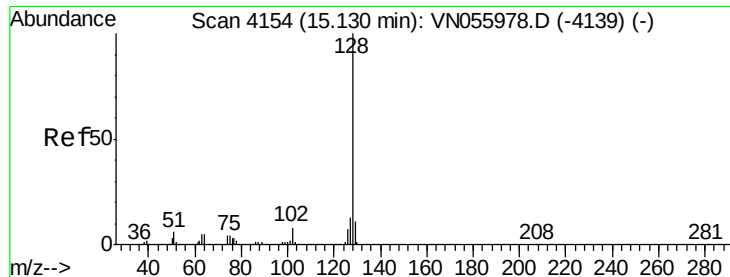
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN056094.D
 Acq: 7 Jun 2019 12:51

Tgt Ion:225 Resp: 468
 Ion Ratio Lower Upper
 225 100
 223 51.7 30.9 92.7
 227 60.3 31.6 94.7



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





#95

Naphthalene

Concen: 4.479 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

N48970

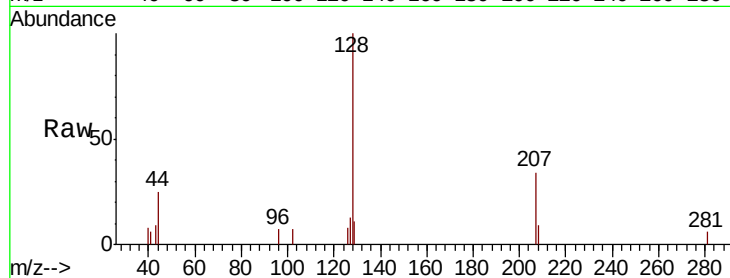
Tot Ion:128 Resp: 5074

Ion Ratio Lower Upper

128 100

127 10.1 10.3 15.5#

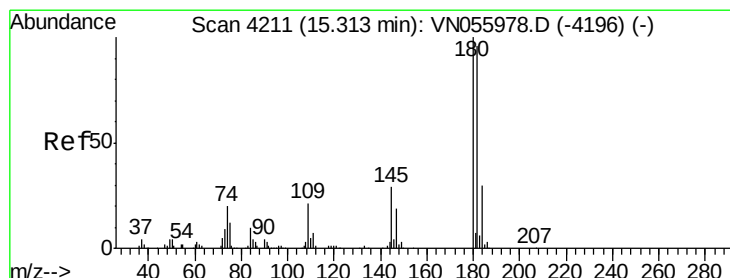
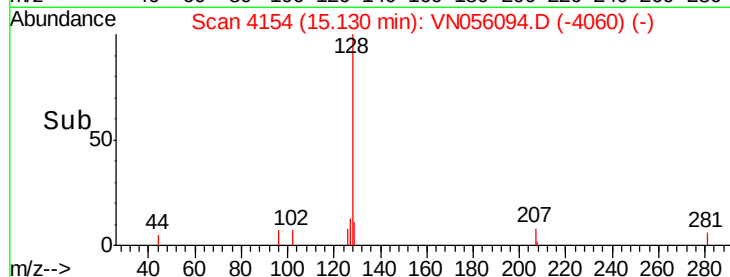
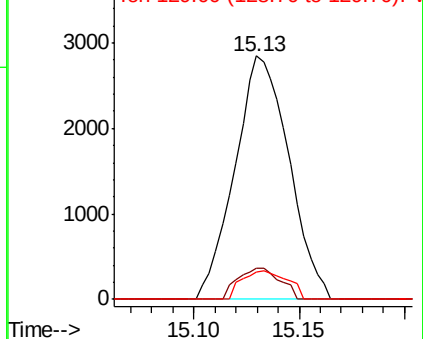
129 9.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.703 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056094.D

Acq: 7 Jun 2019 12:51

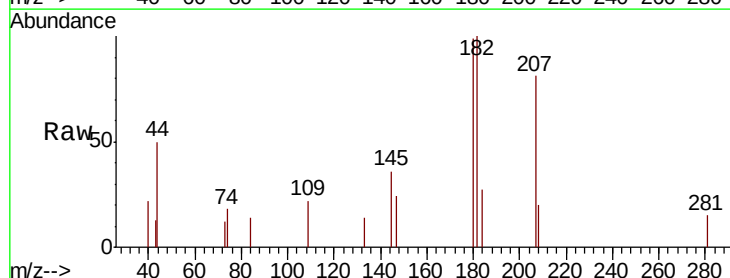
Tgt Ion:180 Resp: 2096

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.7

145 28.7 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

