

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056758.D
 Acq On : 16 Jul 2019 11:07
 Operator : JC/SP
 Sample : K3814-06RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC066-SW-190712

Quant Time: Jul 17 01:07:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

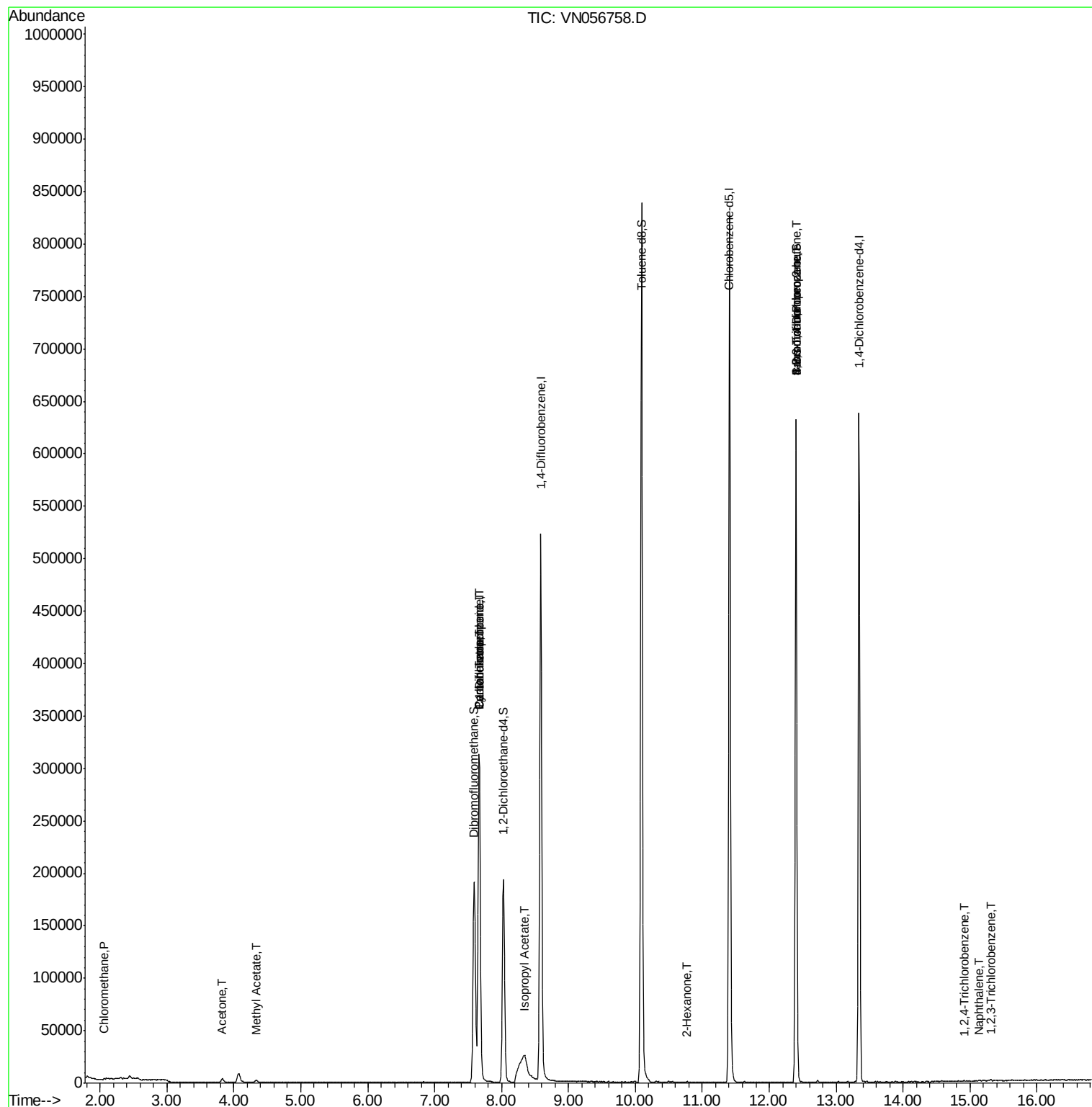
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	286258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	501941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	520037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	165681	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
35) Dibromofluoromethane	7.59	113	150903	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	10.09	98	629053	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.40	95	225336	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.06	50	753	0.208	ug/l	97
16) Acetone	3.82	43	6925	4.746	ug/l	89
18) Methyl Acetate	4.34	43	4704	0.471	ug/l #	82
31) Cyclohexane	7.67	56	4481	0.885	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17854	3.844	ug/l #	48
38) Carbon Tetrachloride	7.66	117	24112	5.536	ug/l #	15
43) Isopropyl Acetate	8.33	43	76321	10.605	ug/l #	53
59) 2-Hexanone	10.76	43	672	0.201	ug/l #	23
71) Bromoform	12.40	173	1540	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	103341	24.873	ug/l #	100
79) 2-Chlorotoluene	12.59	91	461	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	103341	76.816	ug/l #	13
83) tert-Butylbenzene	12.99	119	30	Below Cal	#	27
93) 1,2,4-Trichlorobenzene	14.92	180	441	3.801	ug/l #	78
95) Naphthalene	15.14	128	1437	4.654	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.31	180	746	3.512	ug/l #	81

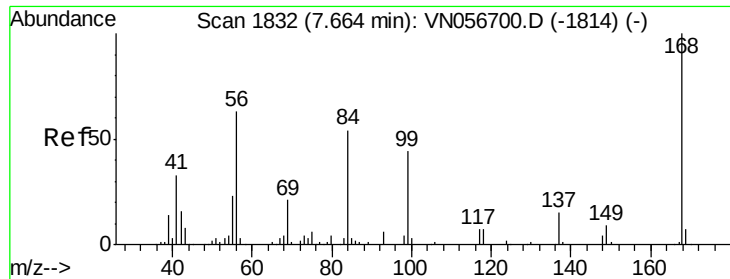
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
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: VN056758.D

Acq: 16 Jul 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

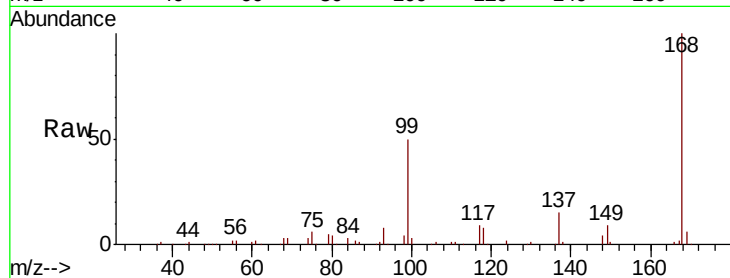
KY030LC066-SW-190712

Tot Ion:168 Resp: 286258

Ion Ratio Lower Upper

168 100

99 50.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

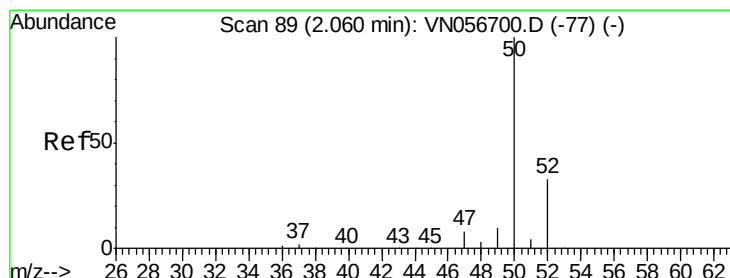
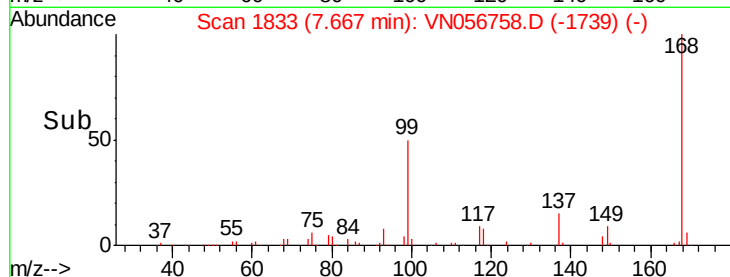
7.67

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.208 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056758.D

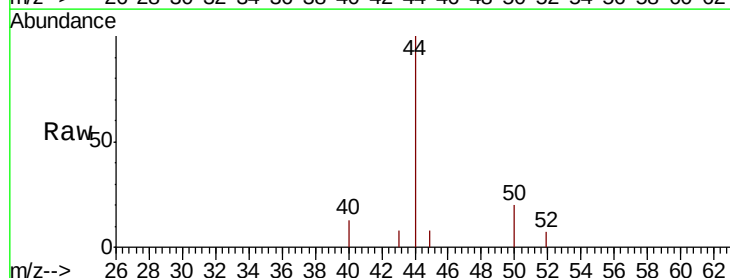
Acq: 16 Jul 2019 11:07

Tgt Ion: 50 Resp: 753

Ion Ratio Lower Upper

50 100

52 34.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

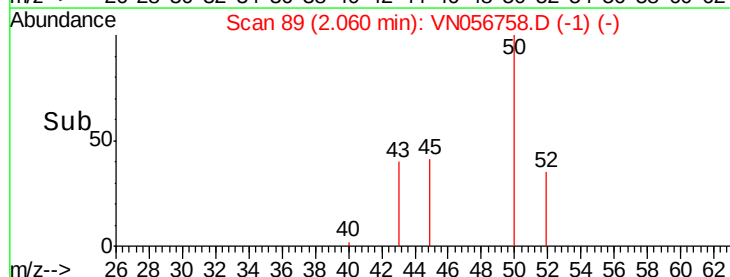
600

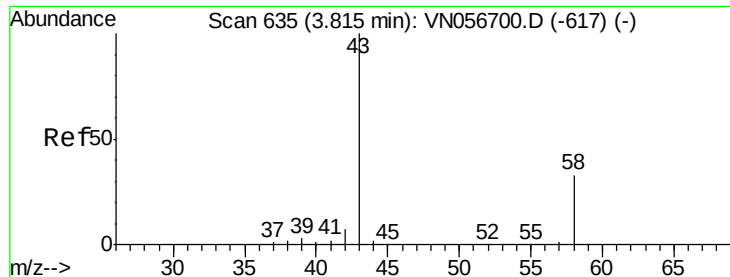
400

200

0

Time-->





#16

Acetone

Concen: 4.746 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056758.D

Acq: 16 Jul 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

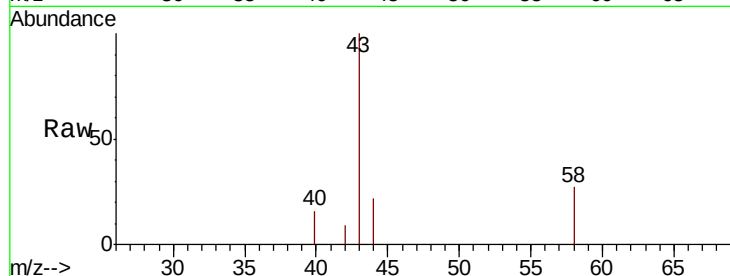
KY030LC066-SW-190712

Tot Ion: 43 Resp: 6925

Ion Ratio Lower Upper

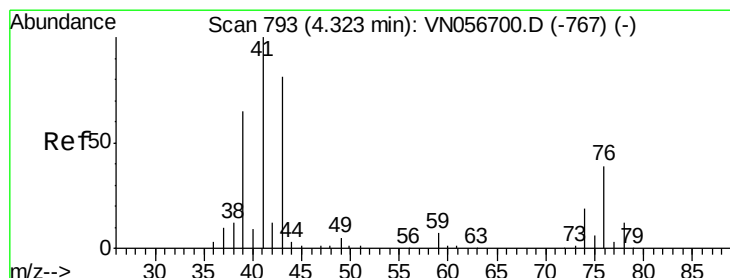
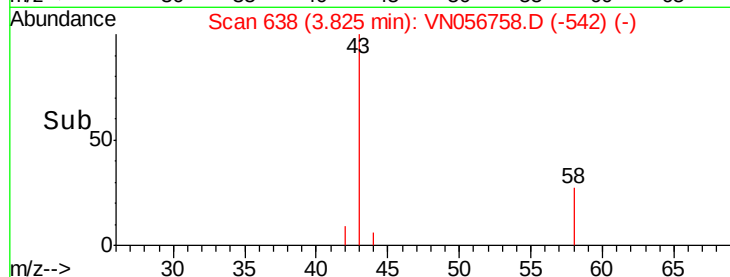
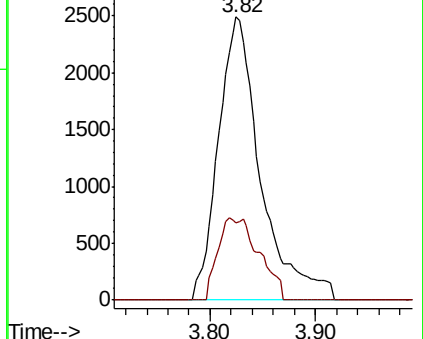
43 100

58 27.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.471 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056758.D

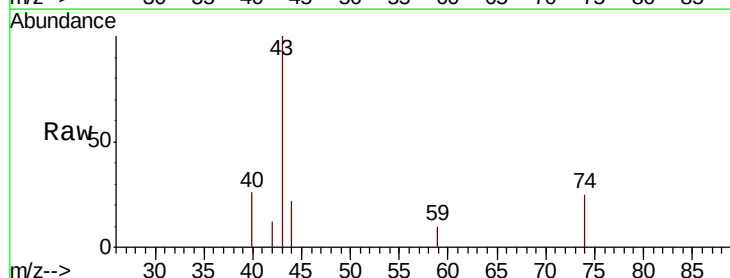
Acq: 16 Jul 2019 11:07

Tgt Ion: 43 Resp: 4704

Ion Ratio Lower Upper

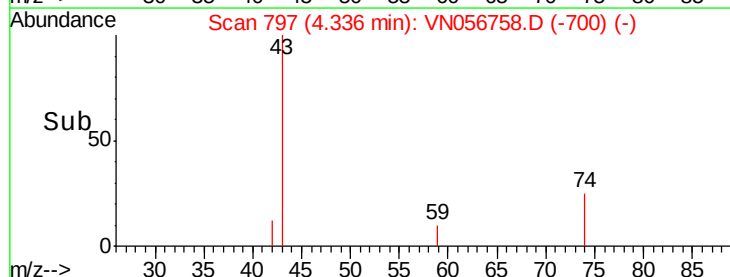
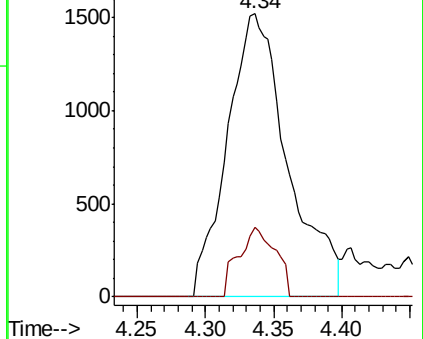
43 100

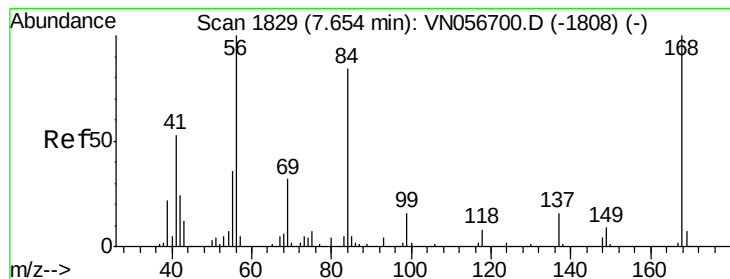
74 14.9 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#31

Cyclohexane

Concen: 0.885 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN056758.D

Acq: 16 Jul 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

KY030LC066-SW-190712

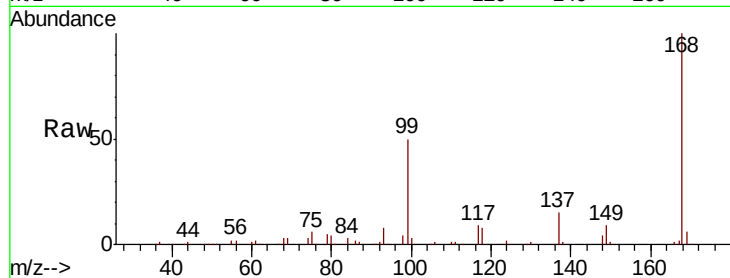
Tot Ion: 56 Resp: 4481

Ion Ratio Lower Upper

56 100

69 206.8 25.8 38.8#

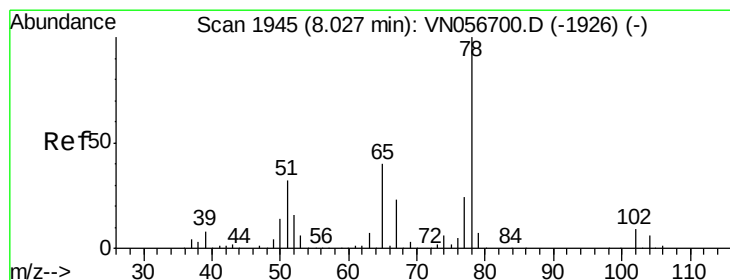
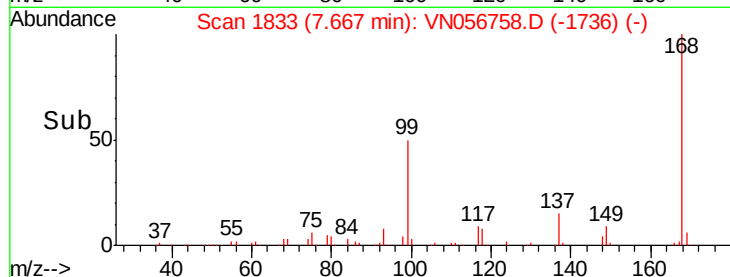
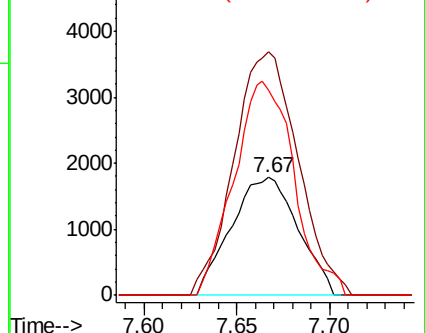
84 173.8 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN056700.D (-1808) (-)

Ion 69.00 (68.70 to 69.70): VN056700.D (-1808) (-)

Ion 84.00 (83.70 to 84.70): VN056700.D (-1808) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.325 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056758.D

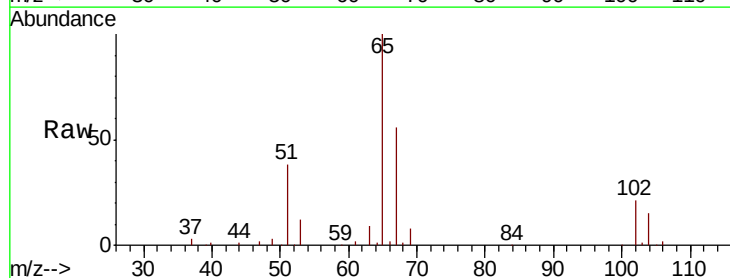
Acq: 16 Jul 2019 11:07

Tgt Ion: 65 Resp: 165681

Ion Ratio Lower Upper

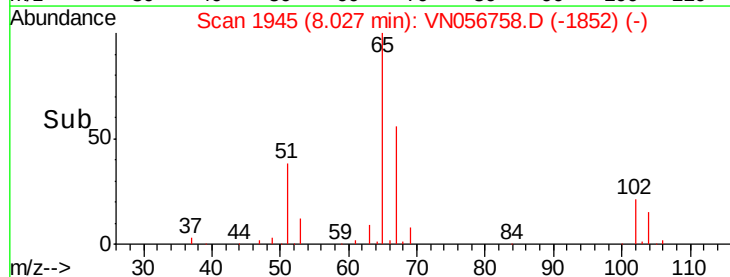
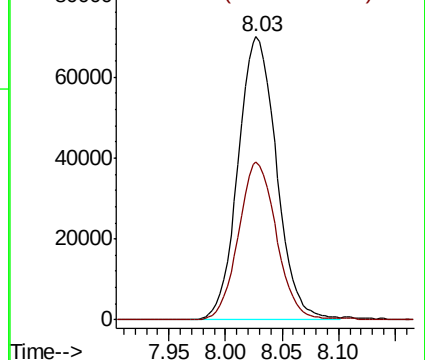
65 100

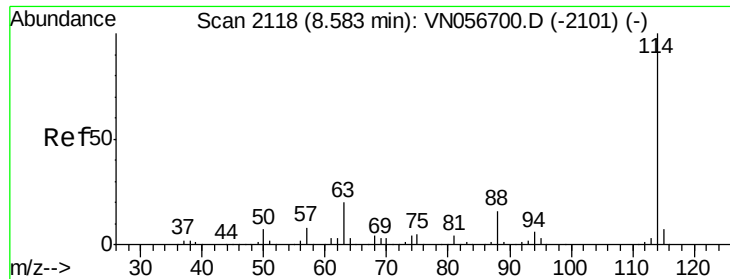
67 54.9 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056700.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN056700.D (-1926) (-)

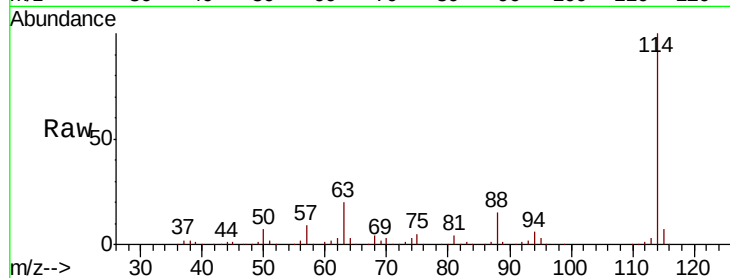




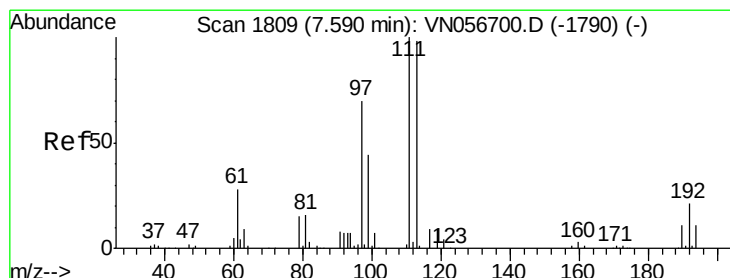
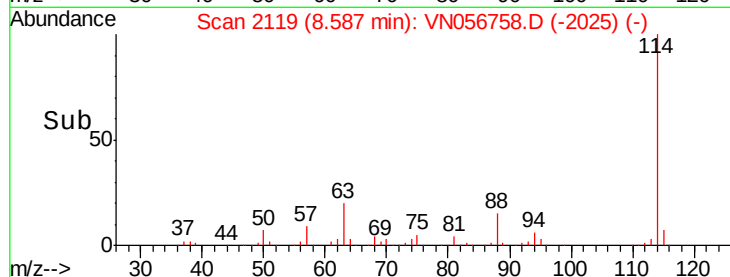
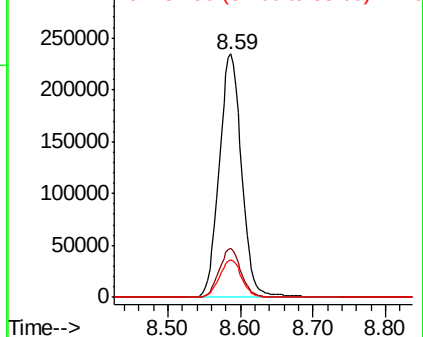
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056758.D
Acq: 16 Jul 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
KY030LC066-SW-190712

Tot Ion:114 Resp: 501941
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.4
88 15.3 0.0 31.2

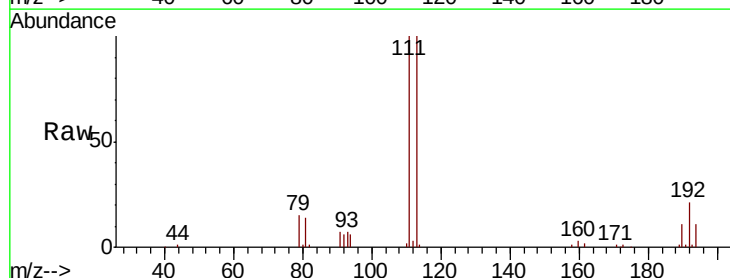


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

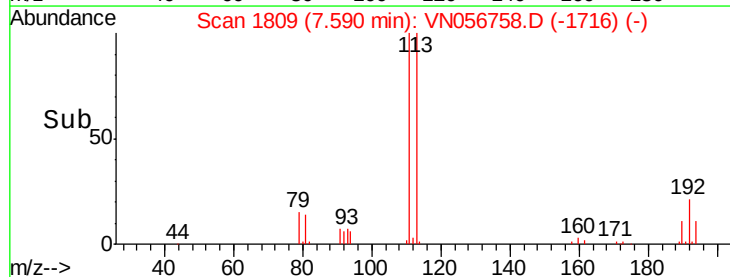
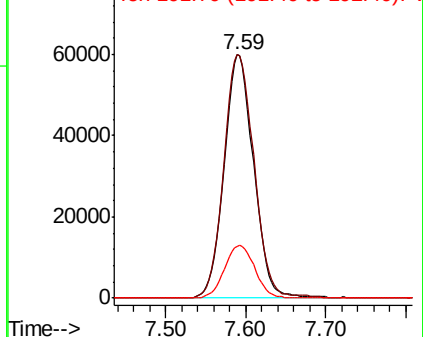


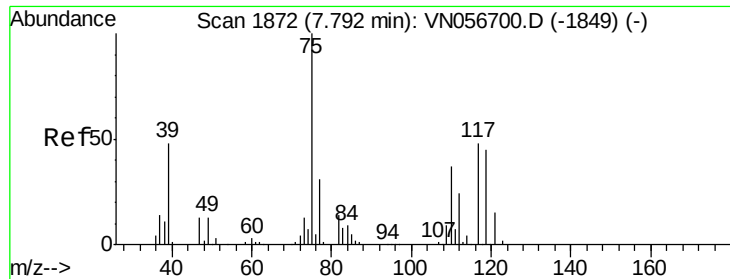
#35
Dibromofluoromethane
Concen: 48.309 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056758.D
Acq: 16 Jul 2019 11:07

Tgt Ion:113 Resp: 150903
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 22.2 17.5 26.3



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

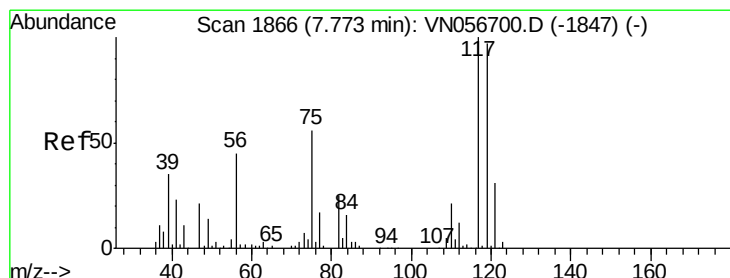
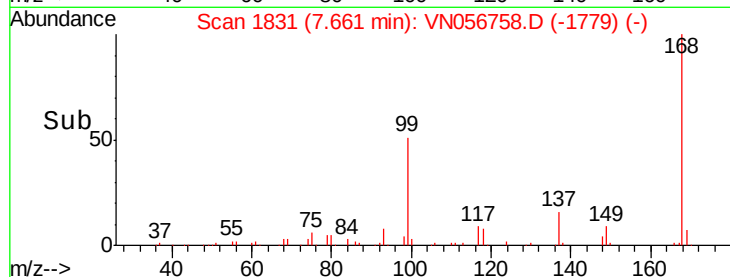
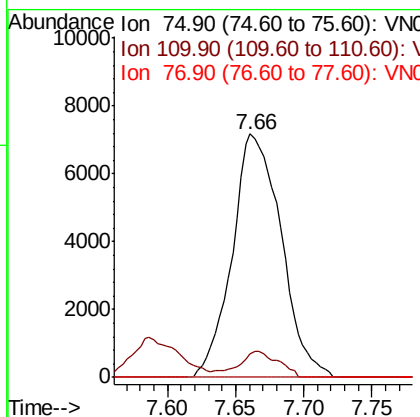
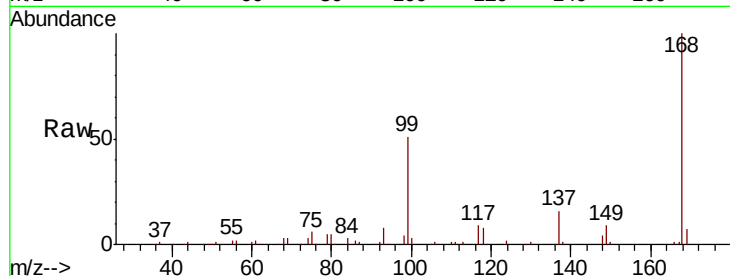




#36
 1,1-Dichloropropene
 Concen: 3.844 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056758.D
 Acq: 16 Jul 2019 11:07

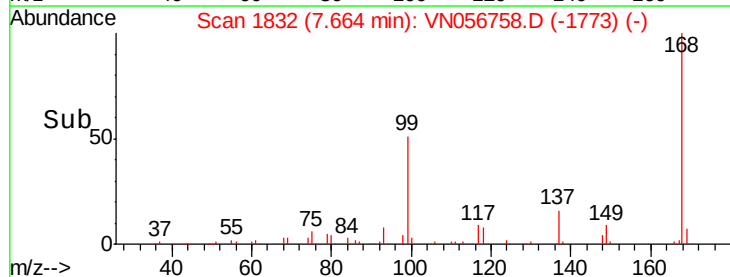
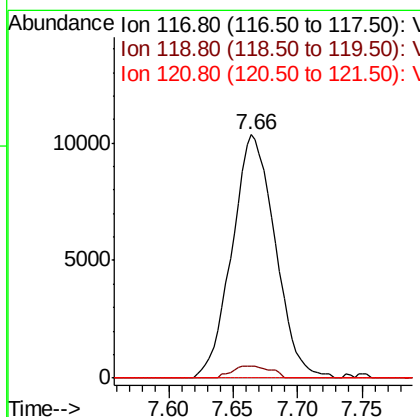
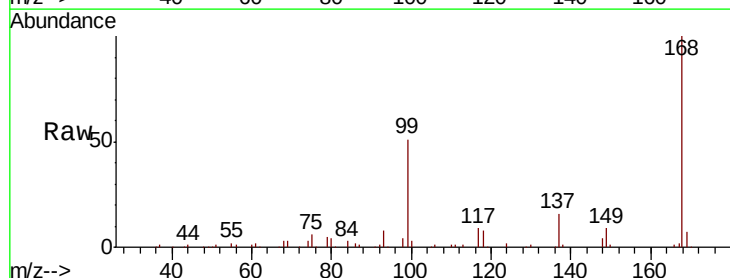
Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC066-SW-190712

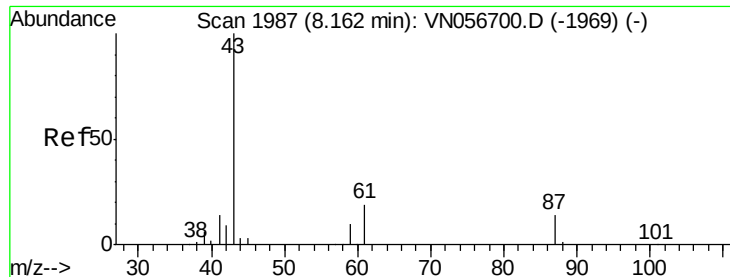
Tot Ion: 75 Resp: 17854
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.4 55.4#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.536 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056758.D
 Acq: 16 Jul 2019 11:07

Tgt Ion: 117 Resp: 24112
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.5 116.3#
 121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 10.605 ug/l

RT: 8.33 min Scan# 2040

Delta R.T. 0.17 min

Lab File: VN056758.D

Acq: 16 Jul 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

KY030LC066-SW-190712

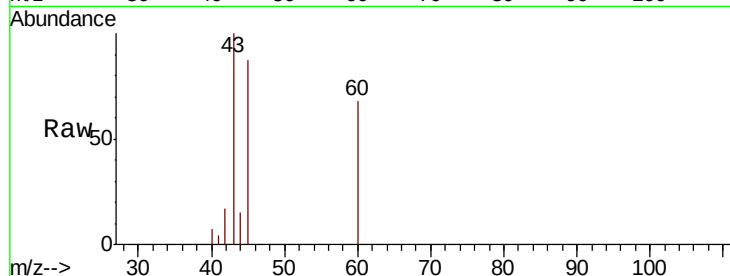
Tot Ion: 43 Resp: 76321

Ion Ratio Lower Upper

43 100

61 0.1 22.3 33.5#

87 0.0 11.1 16.7#



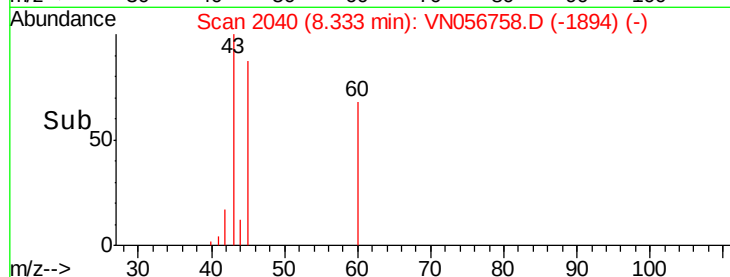
Abundance Ion 43.00 (42.70 to 43.70): VN056758.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN056758.D (-1894) (-)

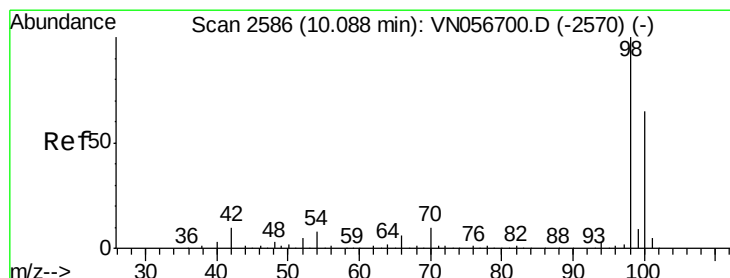
Ion 87.00 (86.70 to 87.70): VN056758.D (-1894) (-)

8.33

Time-->



Time-->



#50

Toluene-d8

Concen: 52.141 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056758.D

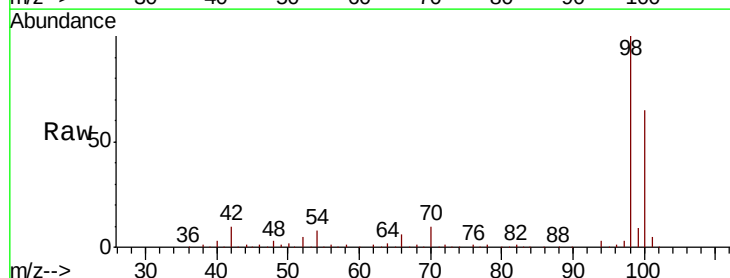
Acq: 16 Jul 2019 11:07

Tgt Ion: 98 Resp: 629053

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

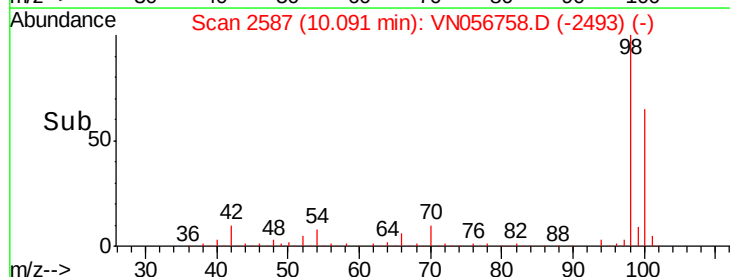


Abundance Ion 98.00 (97.70 to 98.70): VN056758.D (-2493) (-)

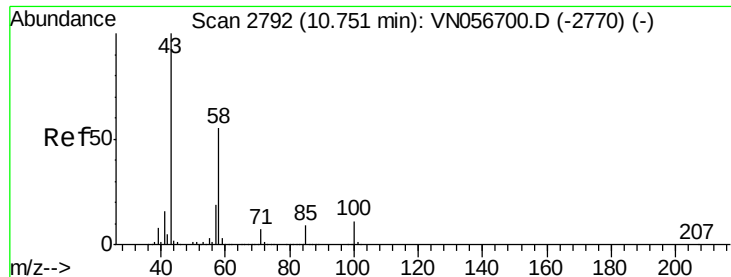
Ion 100.00 (99.70 to 100.70): VN056758.D (-2493) (-)

10.09

Time-->



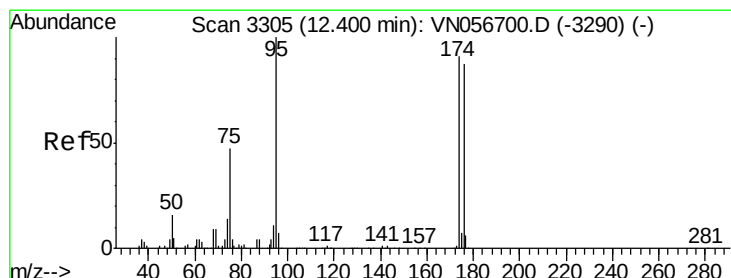
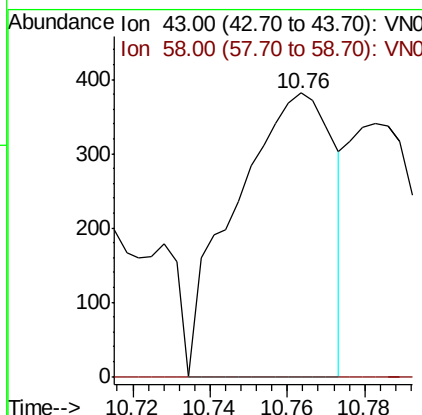
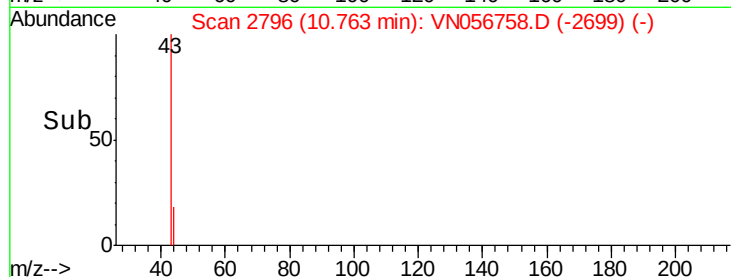
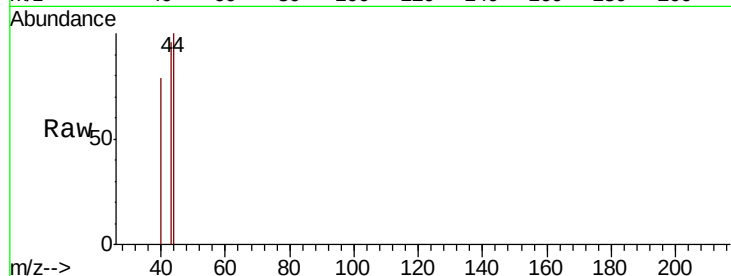
Time-->



#59
2-Hexanone
Concen: 0.201 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056758.D
Acq: 16 Jul 2019 11:07

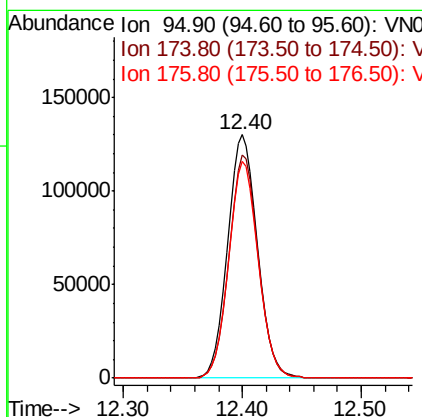
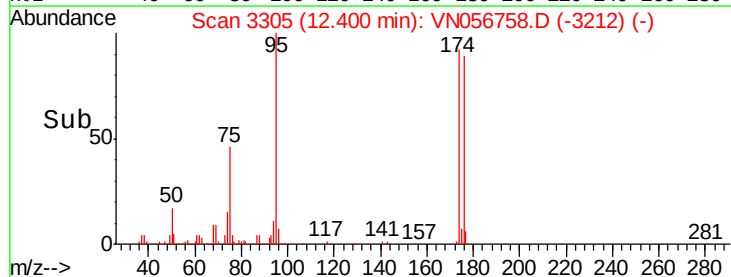
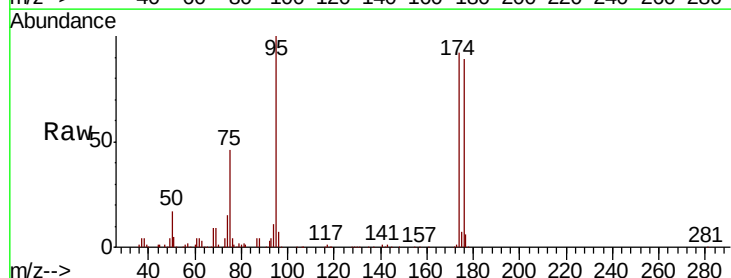
Instrument :
MSVOA_N
ClientSampleId :
KY030LC066-SW-190712

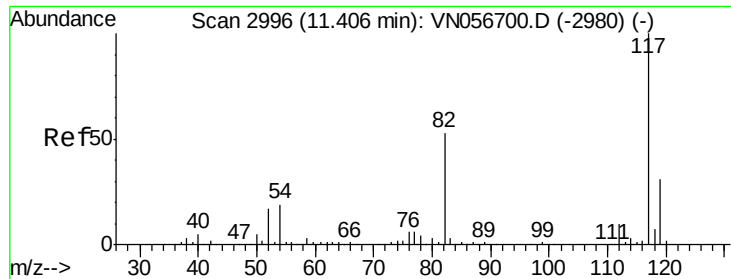
Tot Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
58 0.0 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 55.385 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056758.D
Acq: 16 Jul 2019 11:07

Tgt Ion: 95 Resp: 225336
Ion Ratio Lower Upper
95 100
174 90.3 0.0 180.0
176 88.4 0.0 173.2

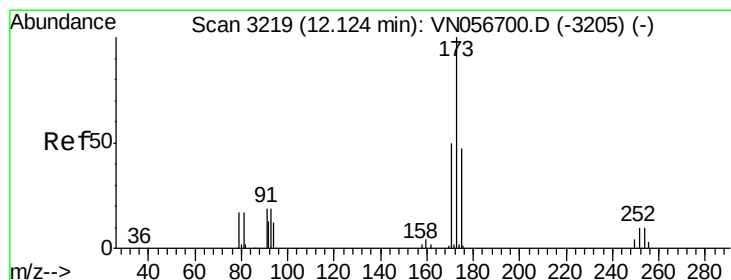
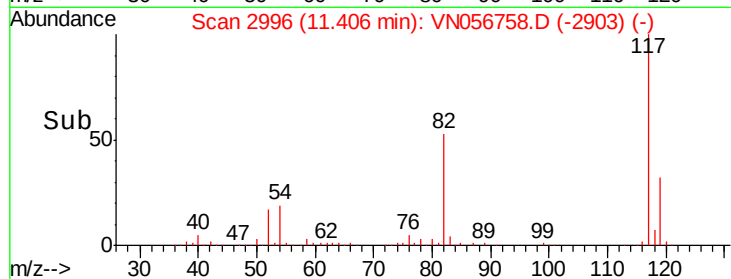
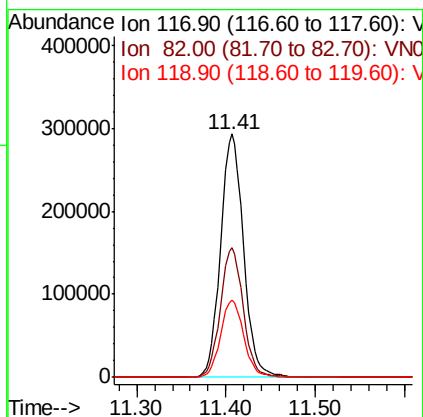
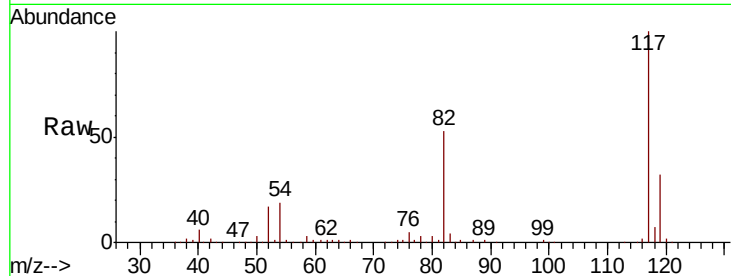




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056758.D
Acq: 16 Jul 2019 11:07

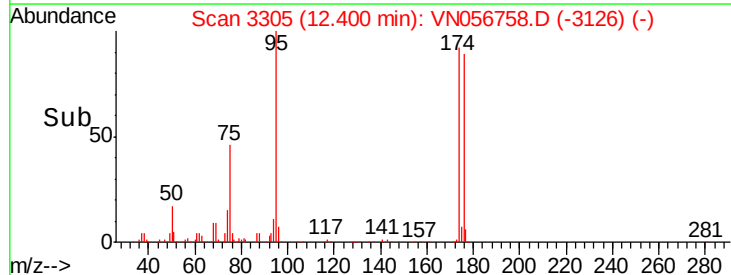
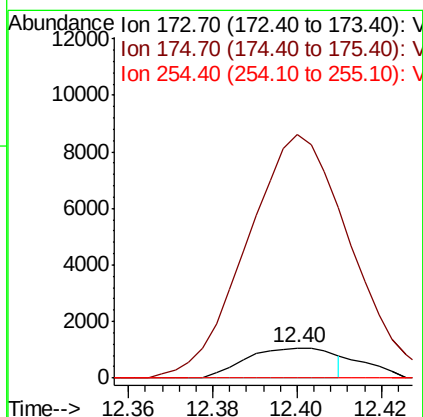
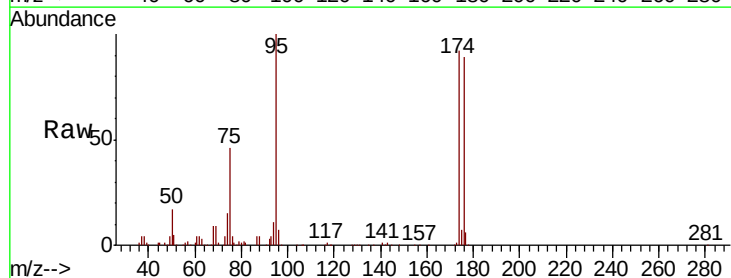
Instrument :
MSVOA_N
ClientSampleId :
KY030LC066-SW-190712

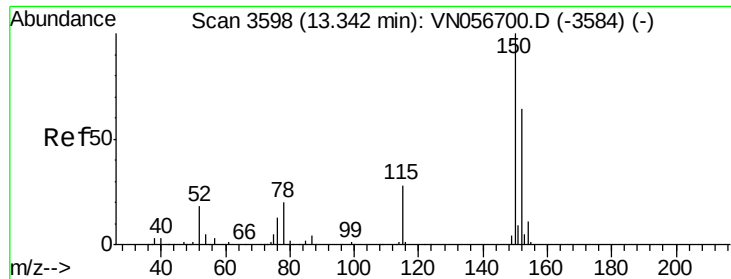
Tot Ion:117 Resp: 520037
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 31.8 25.2 37.8



#71
Bromoform
Concen: 0.517 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN056758.D
Acq: 16 Jul 2019 11:07

Tgt Ion:173 Resp: 1540
Ion Ratio Lower Upper
173 100
175 784.5 23.8 71.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056758.D

Acq: 16 Jul 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

KY030LC066-SW-190712

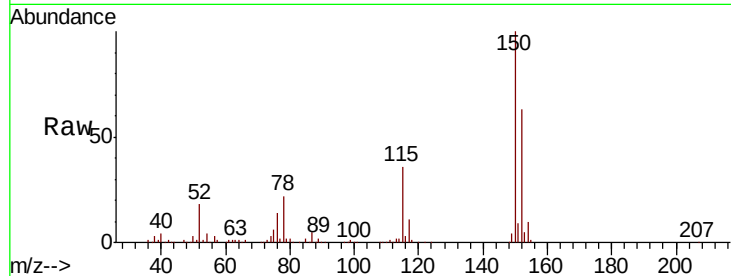
Tot Ion:152 Resp: 189961

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

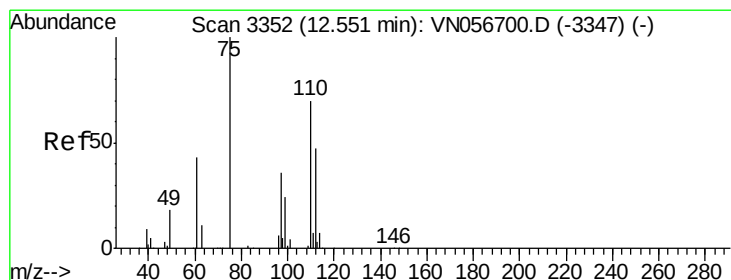
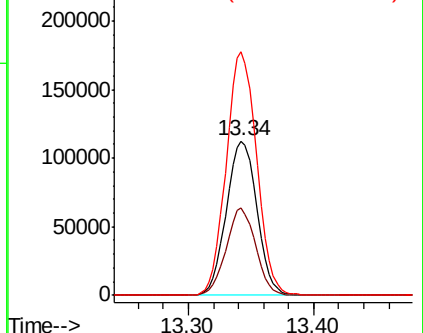
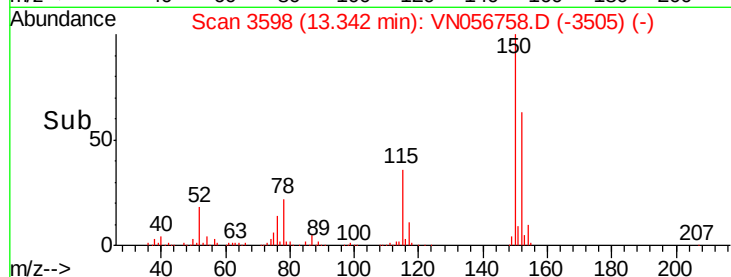
150 157.5 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 24.873 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056758.D

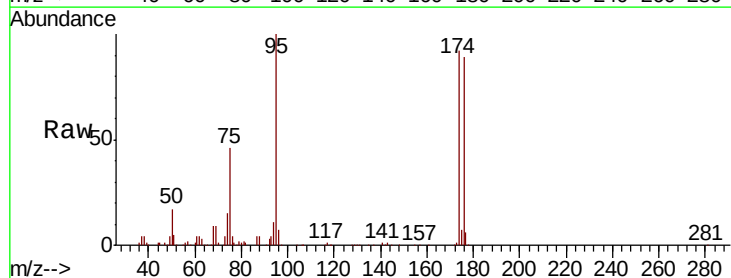
Acq: 16 Jul 2019 11:07

Tgt Ion: 75 Resp: 103341

Ion Ratio Lower Upper

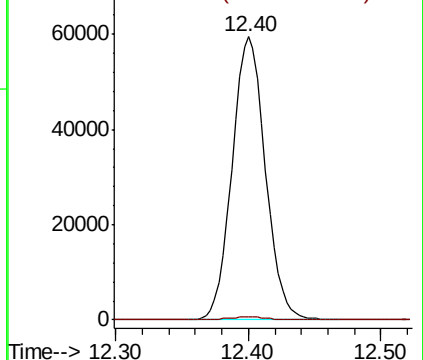
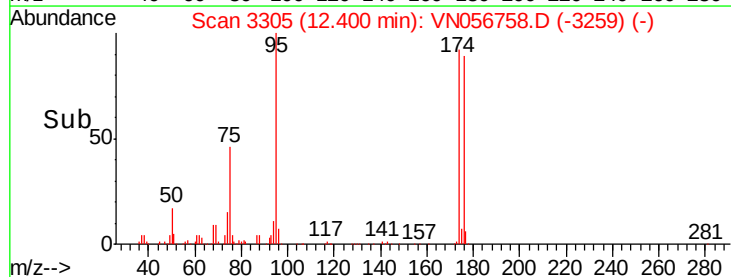
75 100

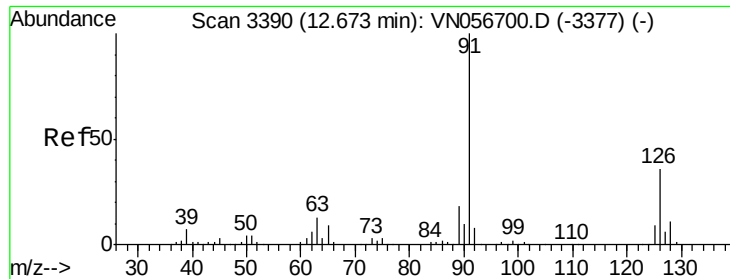
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

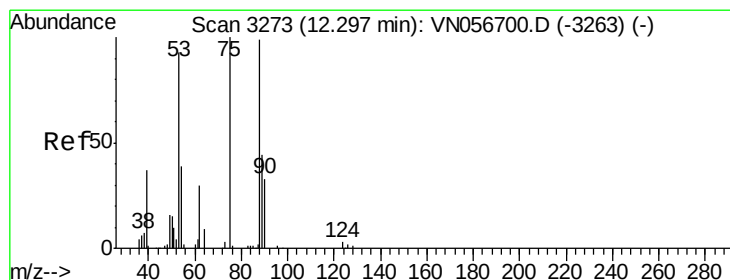
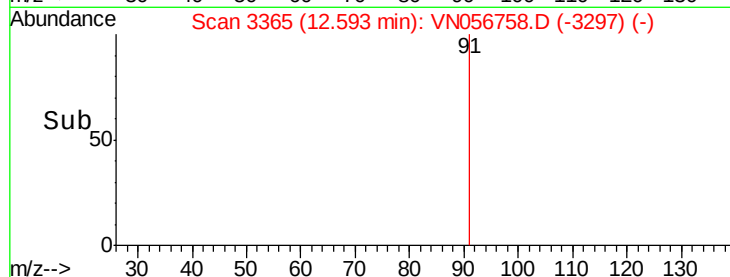
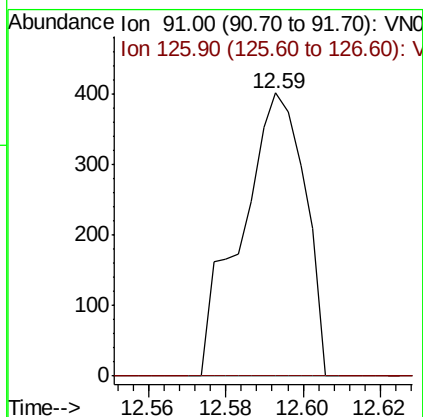
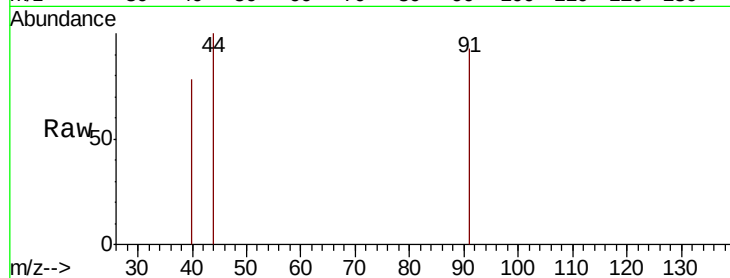




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.08 min
 Lab File: VN056758.D
 Acq: 16 Jul 2019 11:07

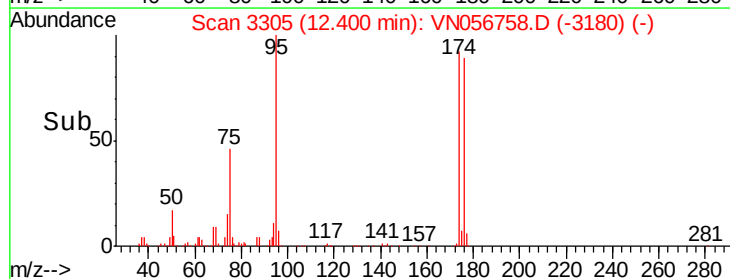
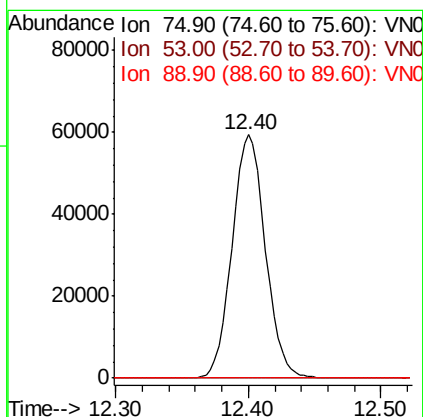
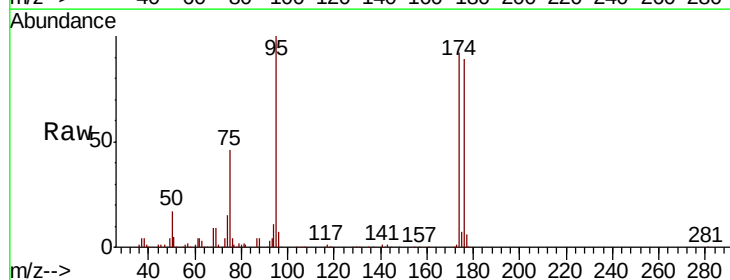
Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC066-SW-190712

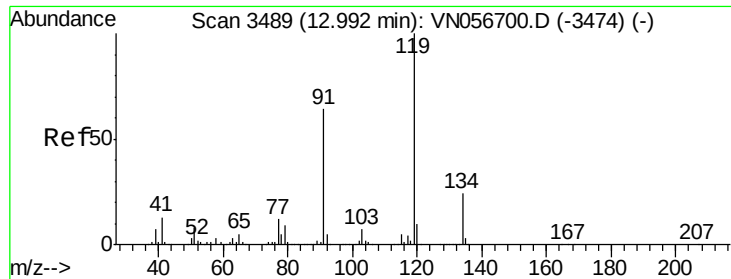
Tot Ion: 91 Resp: 461
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.816 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056758.D
 Acq: 16 Jul 2019 11:07

Tgt Ion: 75 Resp: 103341
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.7 110.5#
 89 0.0 36.2 54.2#

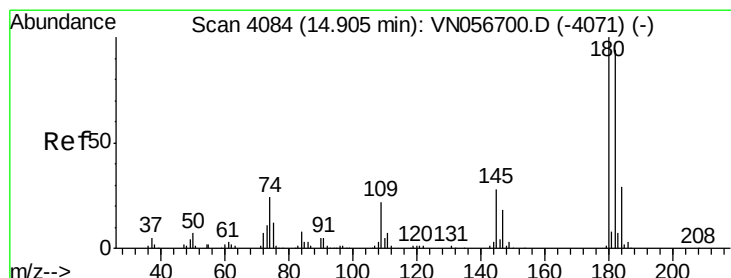
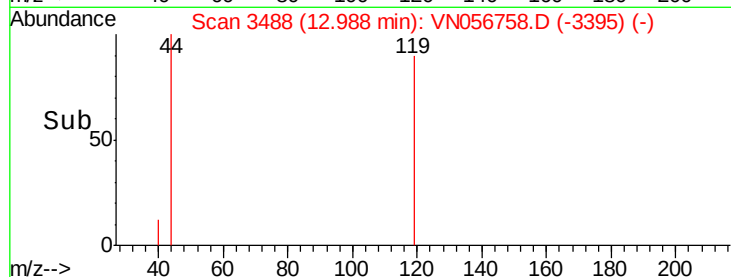
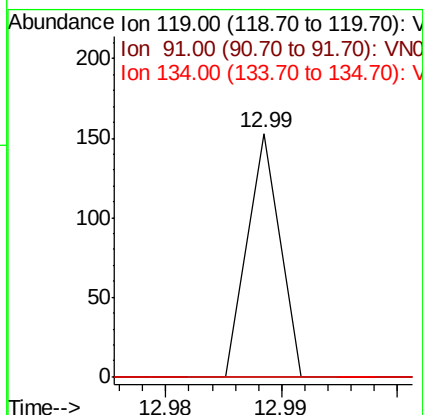
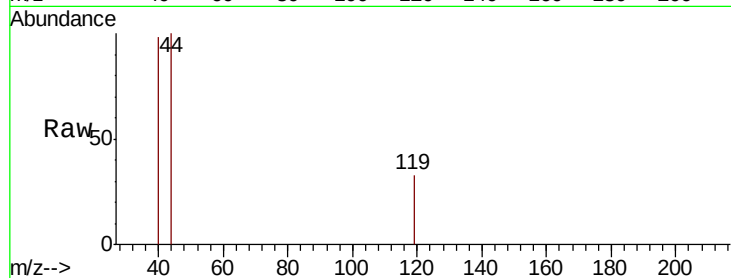




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN056758.D
 Acq: 16 Jul 2019 11:07

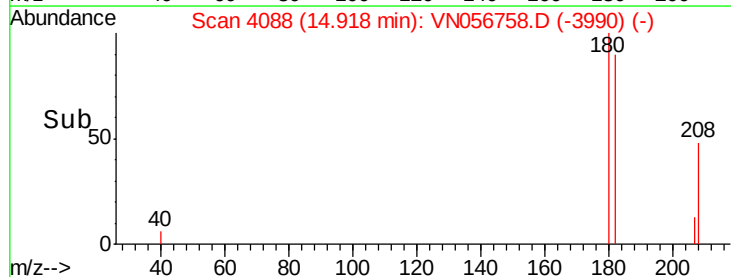
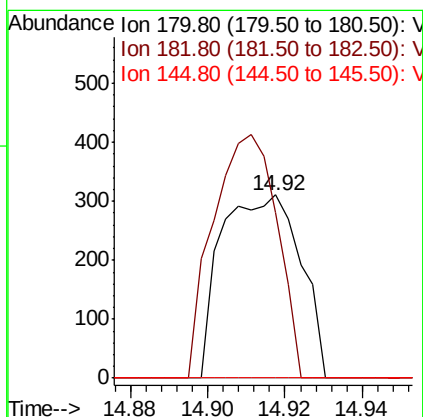
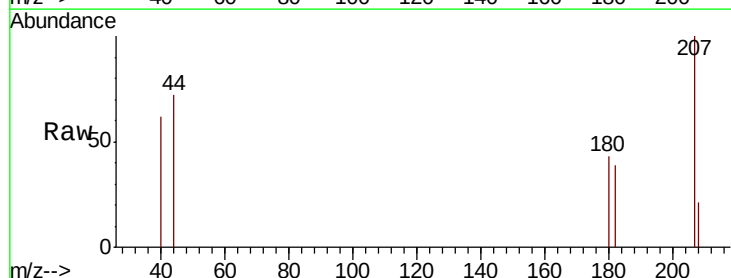
Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC066-SW-190712

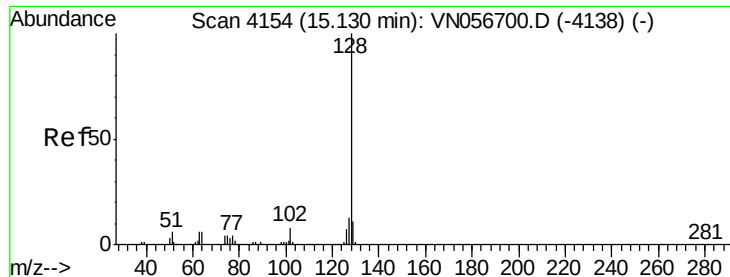
Tot Ion:119 Resp: 30
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.8 95.4#
 134 0.0 13.0 38.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.801 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN056758.D
 Acq: 16 Jul 2019 11:07

Tgt Ion:180 Resp: 441
 Ion Ratio Lower Upper
 180 100
 182 106.8 47.2 141.6
 145 0.0 14.2 42.8#





#95

Naphthalene

Concen: 4.654 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN056758.D

Acq: 16 Jul 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

KY030LC066-SW-190712

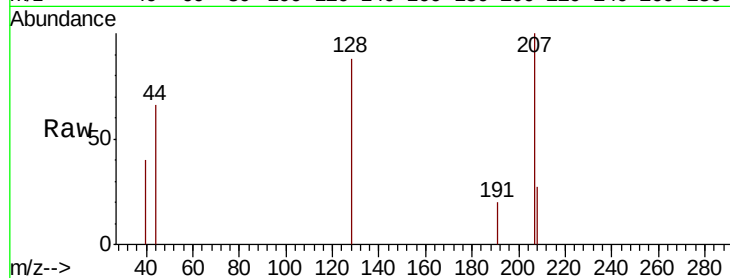
Tot Ion:128 Resp: 1437

Ion Ratio Lower Upper

128 100

127 4.2 10.3 15.5#

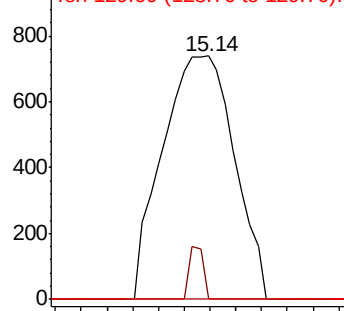
129 0.0 8.7 13.1#



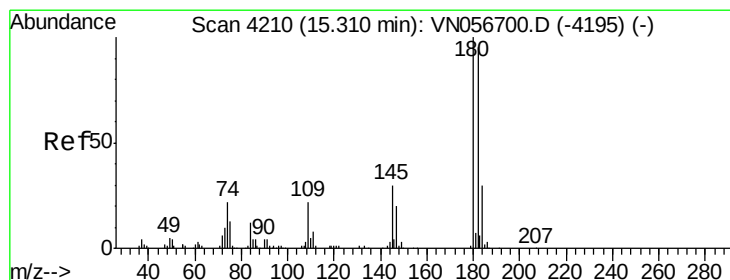
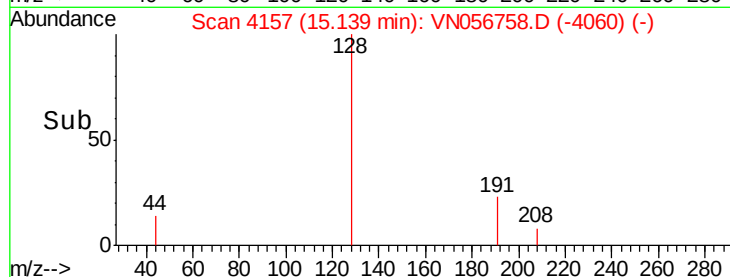
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 3.512 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056758.D

Acq: 16 Jul 2019 11:07

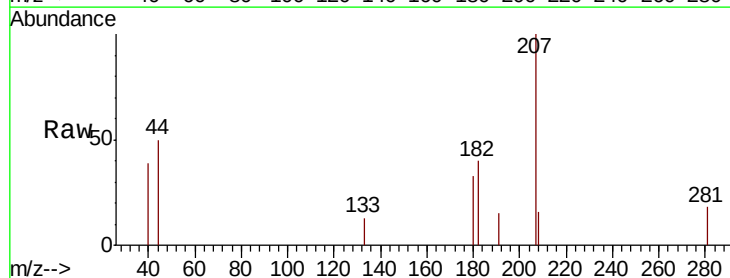
Tgt Ion:180 Resp: 746

Ion Ratio Lower Upper

180 100

182 100.8 47.1 141.3

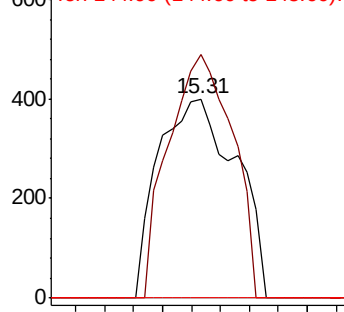
145 0.0 15.0 45.1#



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



Time-->

