

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058499.D
 Acq On : 3 Oct 2019 00:47
 Operator : JC/SP
 Sample : K5131-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190834-COMPOSITE-J

Quant Time: Oct 03 06:45:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

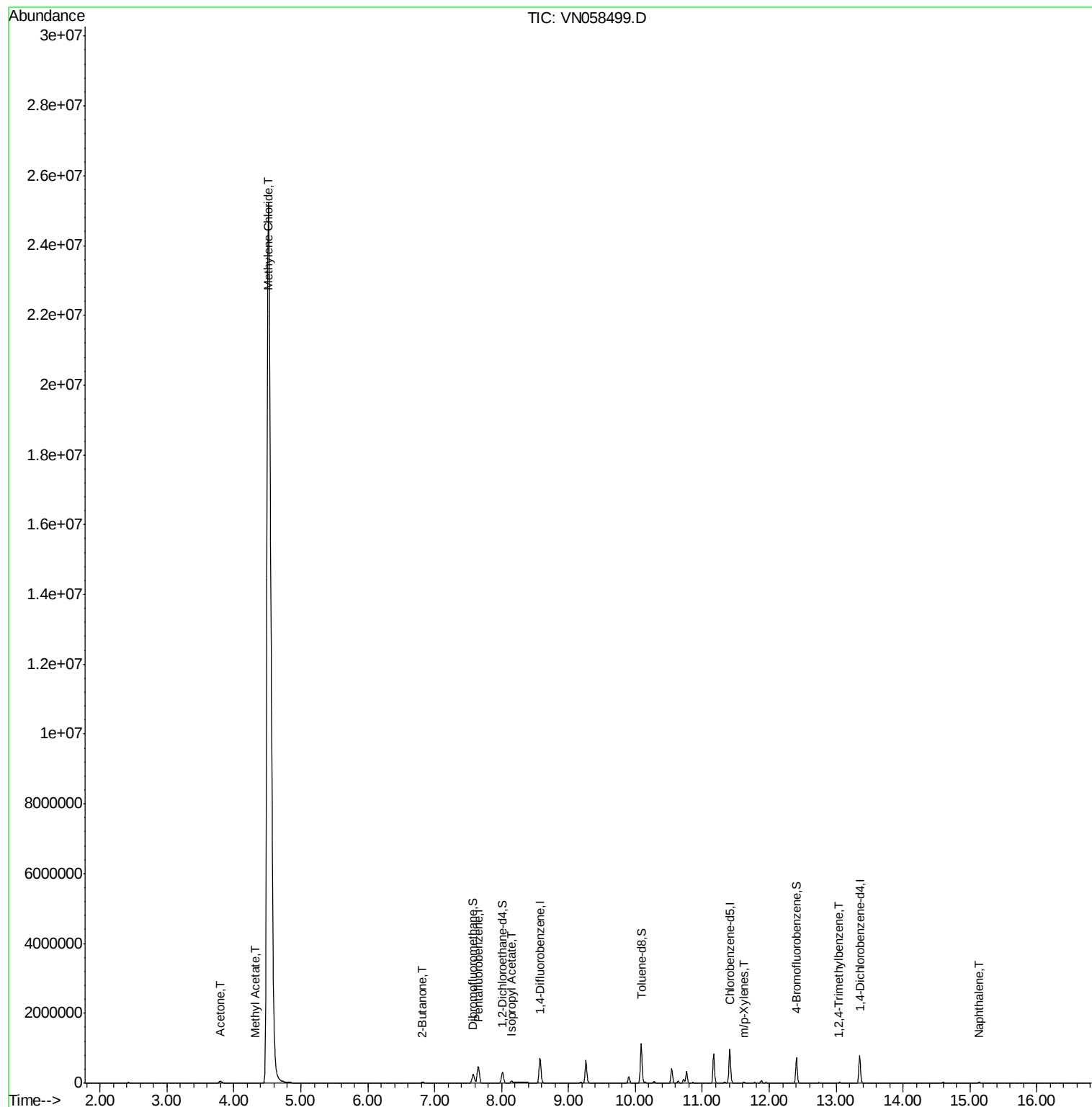
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	364458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	607346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	527565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	270755	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	7.58	113	190550	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
50) Toluene-d8	10.08	98	772422	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.41	95	240879	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
16) Acetone	3.80	43	102145	56.261	ug/l	99
18) Methyl Acetate	4.31	43	18836	4.125	ug/l	100
20) Methylene Chloride	4.52	84	16162410	3857.516	ug/l #	61
25) 2-Butanone	6.83	43	22915	9.193	ug/l	96
43) Isopropyl Acetate	8.15	43	75057	8.106	ug/l	99
68) m/p-Xylenes	11.62	106	9066	1.269	ug/l	88
84) 1,2,4-Trimethylbenzene	13.05	105	12947	1.056	ug/l	99
95) Naphthalene	15.14	128	16857	1.717	ug/l	98

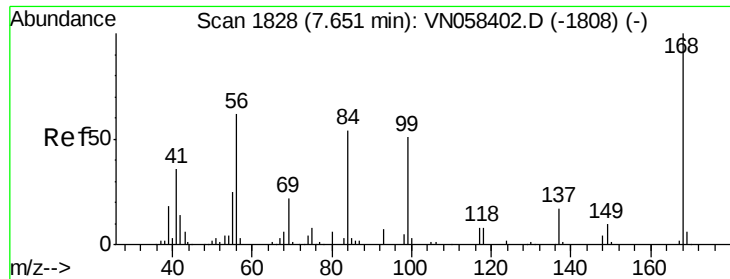
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100219\
Data File : VN058499.D
Acq On : 3 Oct 2019 00:47
Operator : JC/SP
Sample : K5131-20
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20190834-COMPOSITE-J

Quant Time: Oct 03 06:45:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

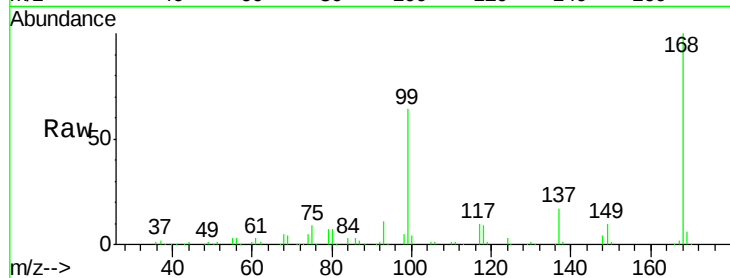
20190834-COMPOSITE-J

Tot Ion:168 Resp: 364458

Ion Ratio Lower Upper

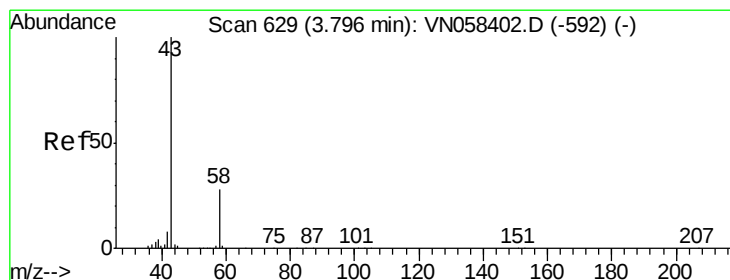
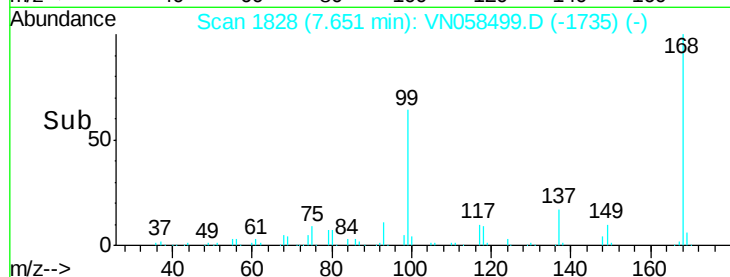
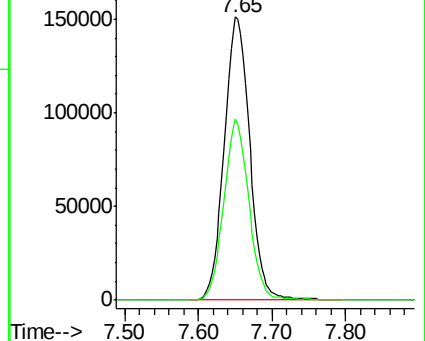
168 100

99 63.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 56.261 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058499.D

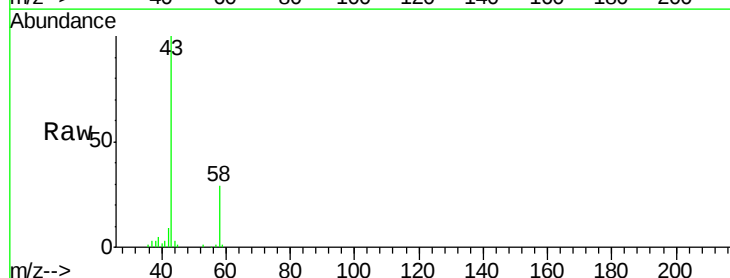
Acq: 3 Oct 2019 00:47

Tgt Ion: 43 Resp: 102145

Ion Ratio Lower Upper

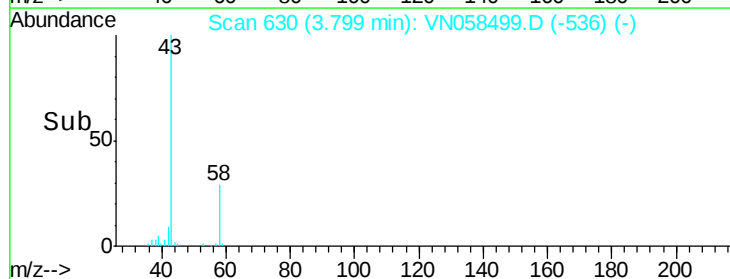
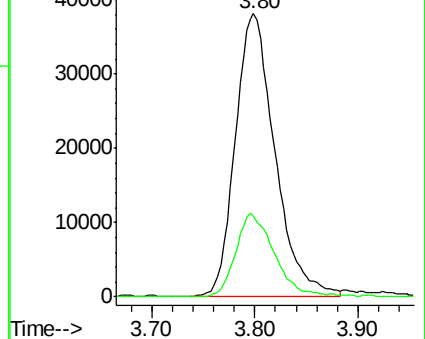
43 100

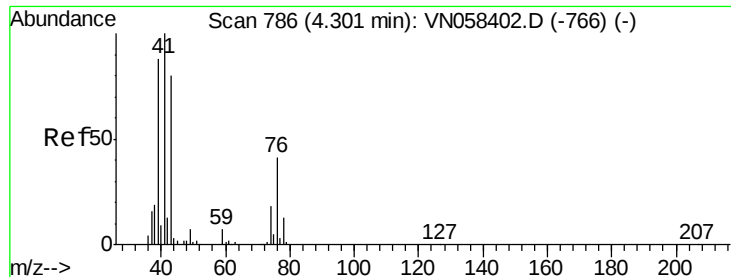
58 28.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

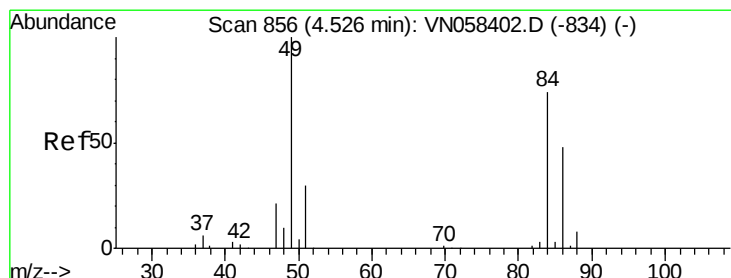
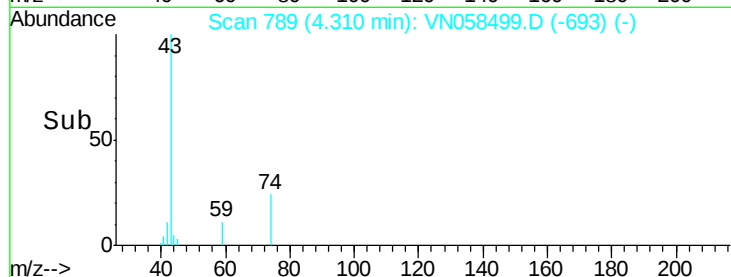
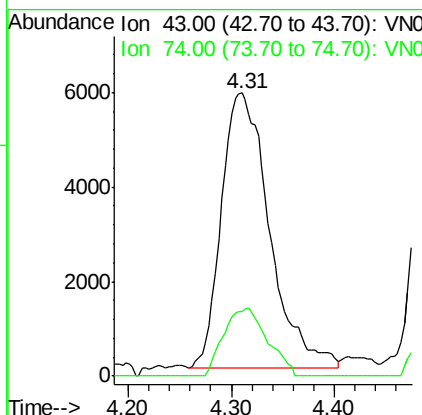
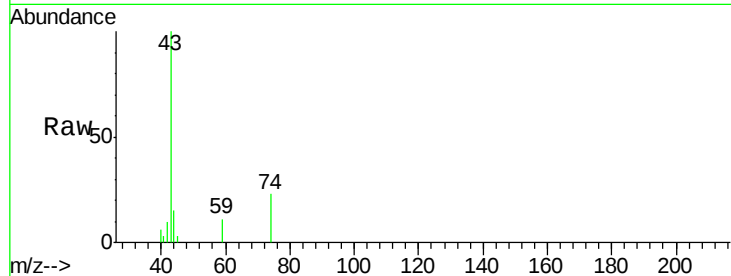




#18
Methvl Acetate
Concen: 4.125 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

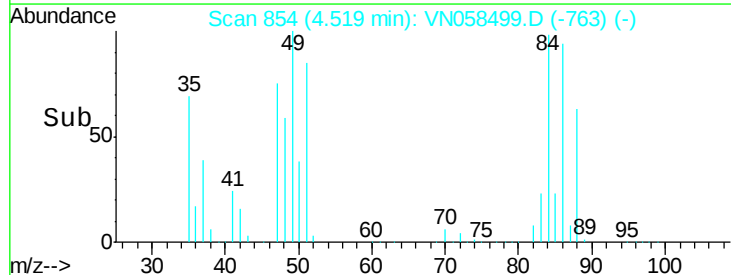
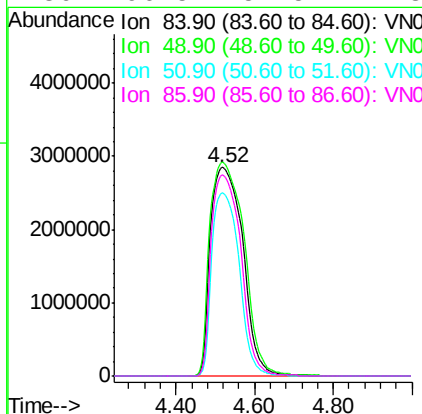
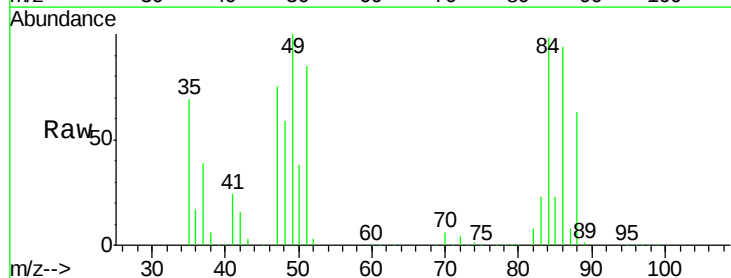
Instrument :
MSVOA_N
ClientSampleId :
20190834-COMPOSITE-J

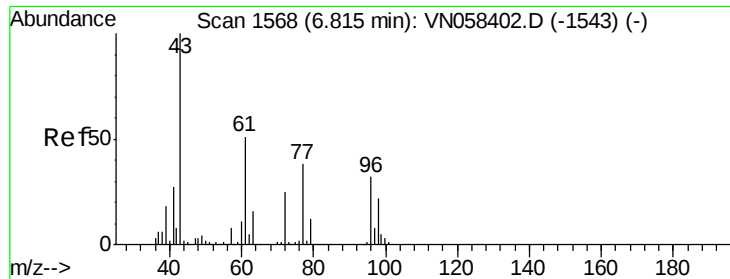
Tot Ion: 43 Resp: 18836
Ion Ratio Lower Upper
43 100
74 22.4 18.0 27.0



#20
Methylene Chloride
Concen: 3857.516 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Tgt Ion: 84 Resp:16162410
Ion Ratio Lower Upper
84 100
49 102.4 107.9 161.9#
51 87.5 32.8 49.2#
86 96.5 51.5 77.3#





#25

2-Butanone

Concen: 9.193 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

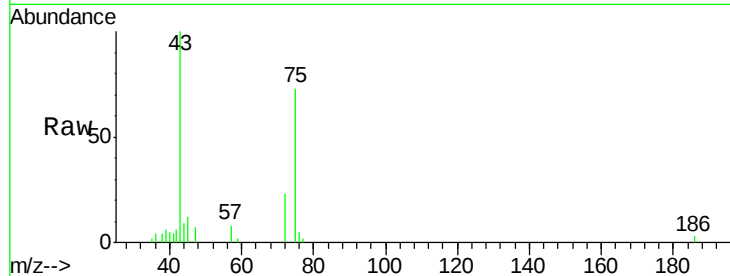
20190834-COMPOSITE-J

Tot Ion: 43 Resp: 22915

Ion Ratio Lower Upper

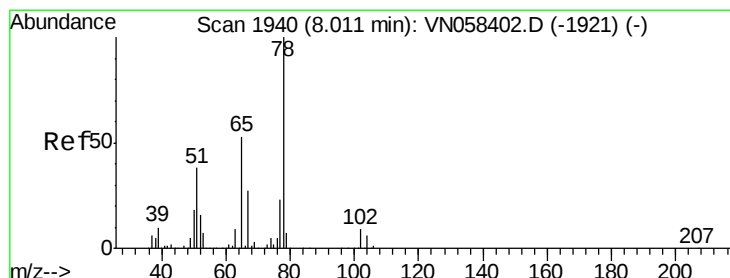
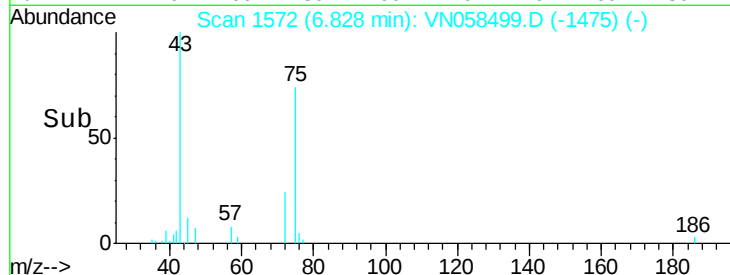
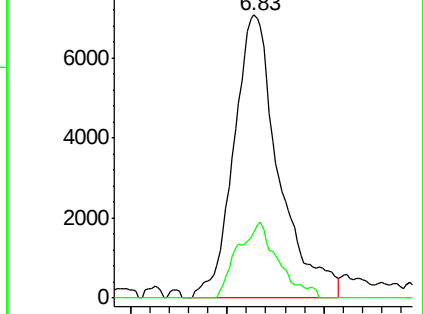
43 100

72 23.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.837 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058499.D

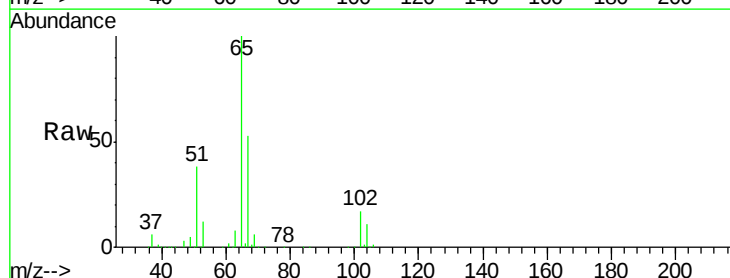
Acq: 3 Oct 2019 00:47

Tgt Ion: 65 Resp: 270755

Ion Ratio Lower Upper

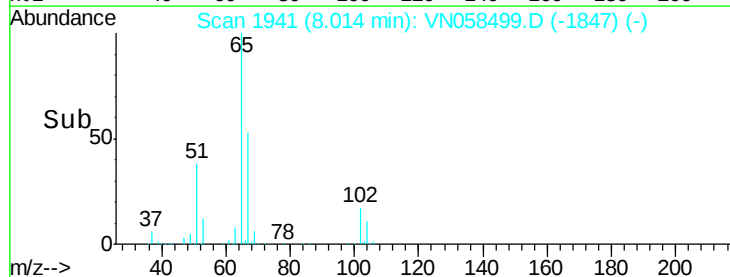
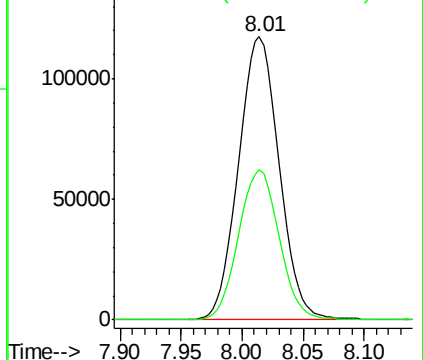
65 100

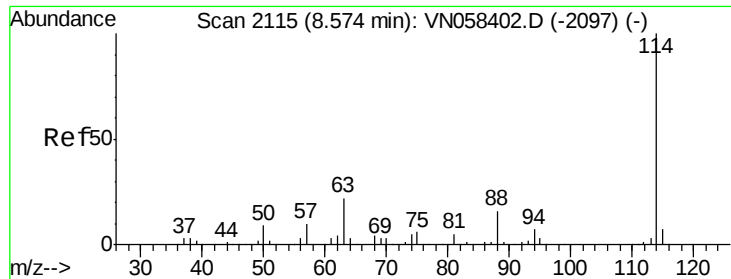
67 53.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

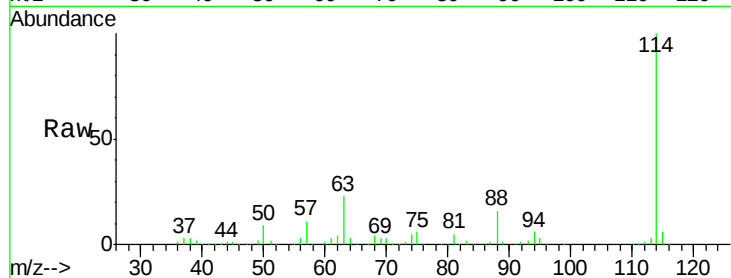




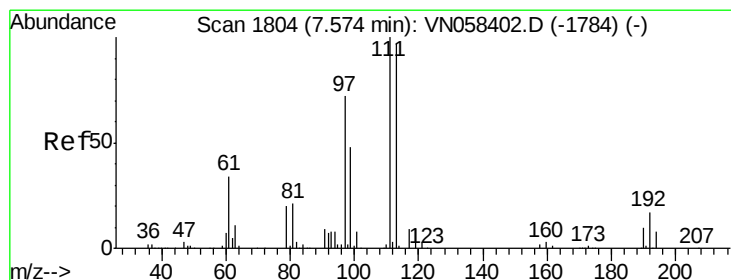
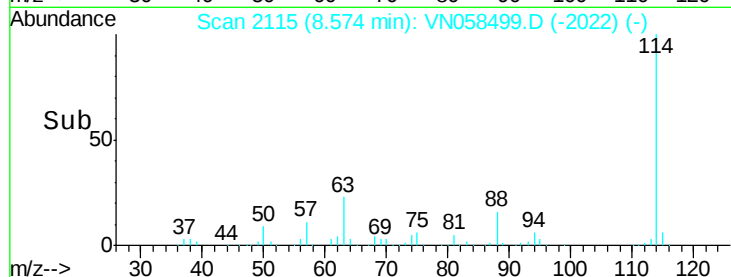
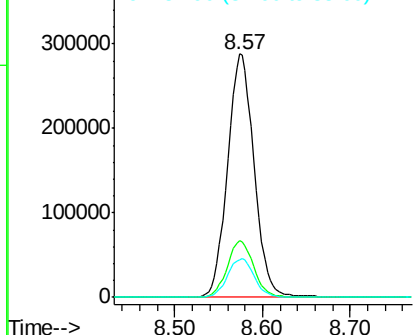
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Instrument :
MSVOA_N
ClientSampleId :
20190834-COMPOSITE-J

Tot Ion:114 Resp: 607346
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 15.6 0.0 32.2

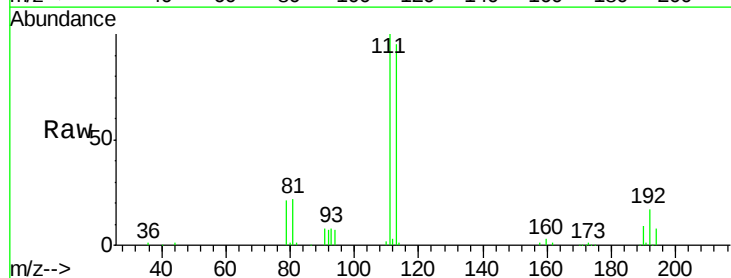


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

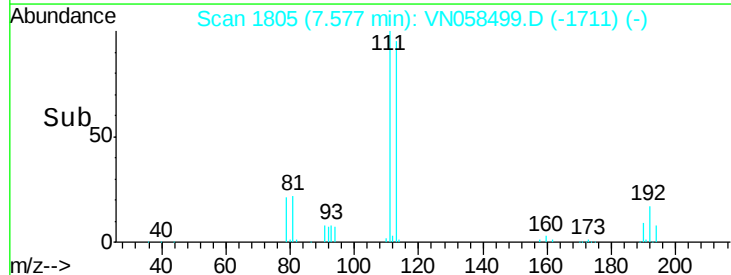
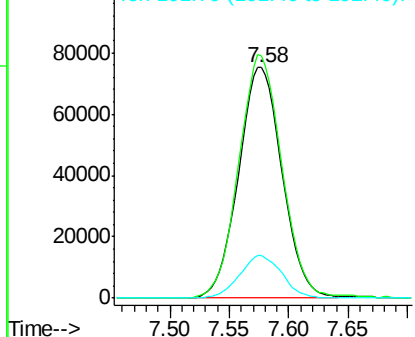


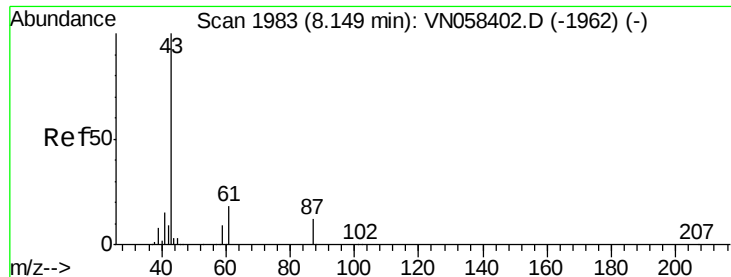
#35
Dibromofluoromethane
Concen: 51.191 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Tgt Ion:113 Resp: 190550
Ion Ratio Lower Upper
113 100
111 105.2 83.4 125.2
192 18.0 14.9 22.3



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





#43

Isopropyl Acetate

Concen: 8.106 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

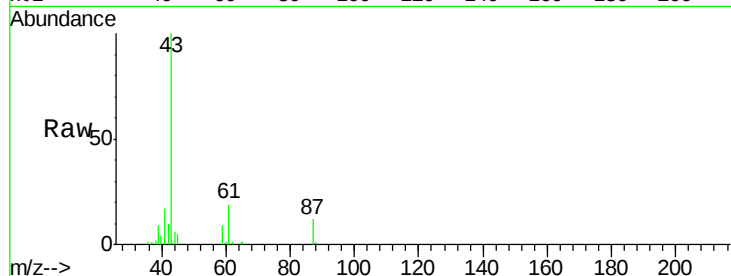
Tot Ion: 43 Resp: 75057

Ion Ratio Lower Upper

43 100

61 18.6 14.8 22.2

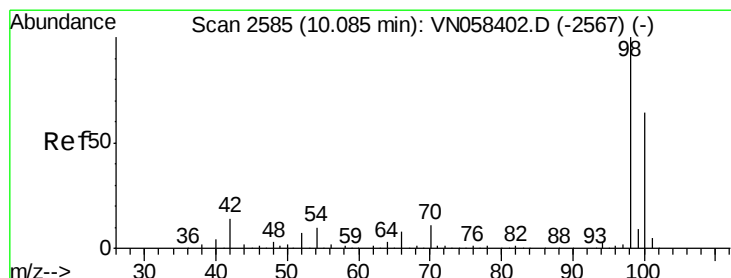
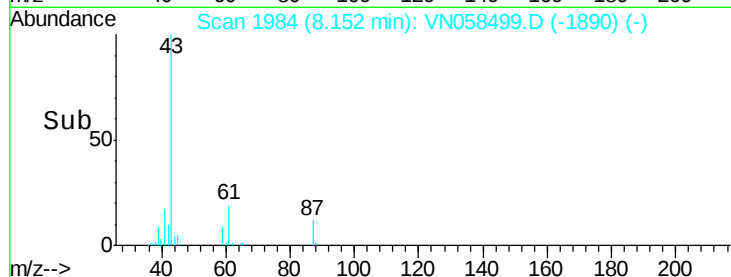
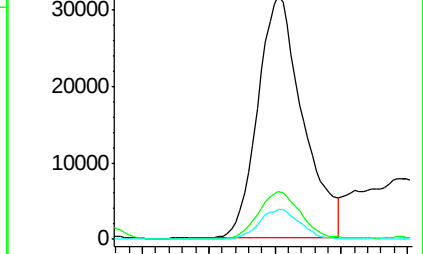
87 11.2 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN058499.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058499.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058499.D (-1890) (-)



#50

Toluene-d8

Concen: 52.971 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058499.D

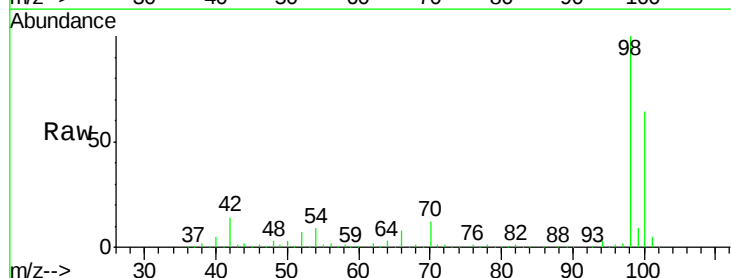
Acq: 3 Oct 2019 00:47

Tgt Ion: 98 Resp: 772422

Ion Ratio Lower Upper

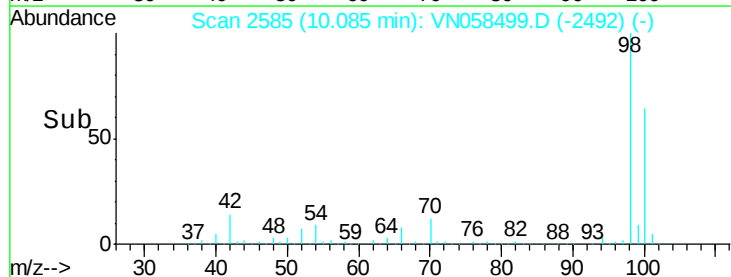
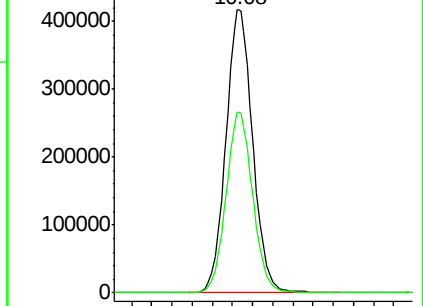
98 100

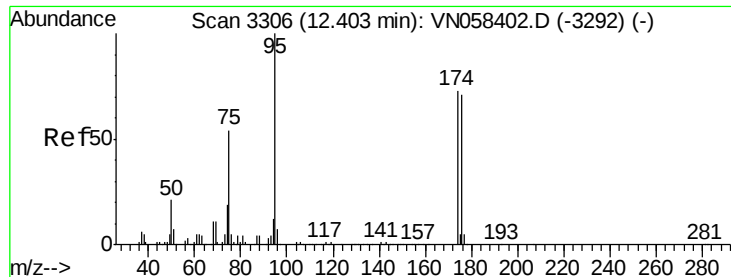
100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058499.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058499.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 45.685 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

20190834-COMPOSITE-J

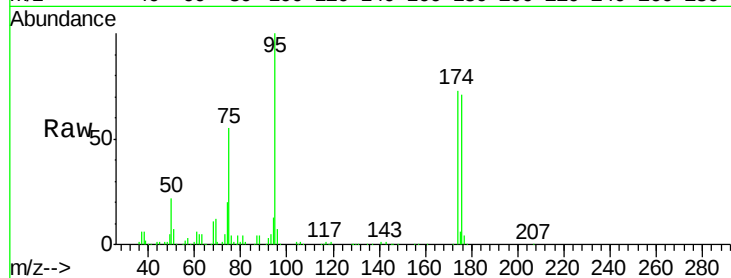
Tot Ion: 95 Resp: 240879

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.6

176 72.7 0.0 146.2



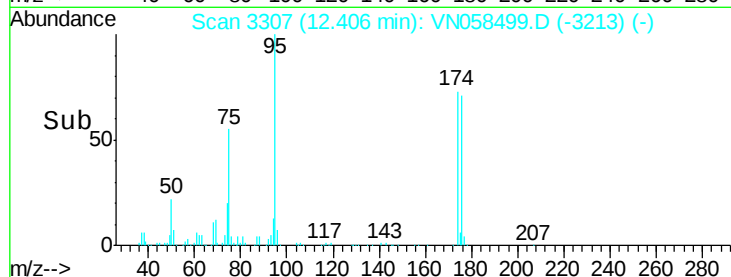
Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

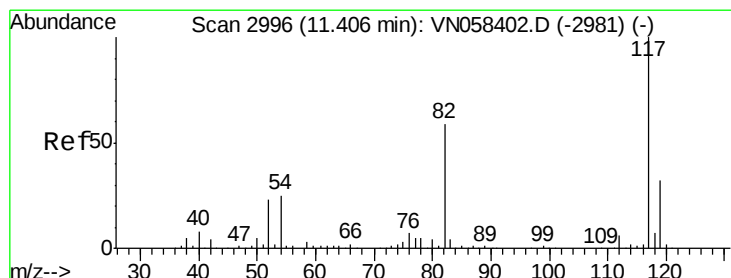
Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

12.40 12.50



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

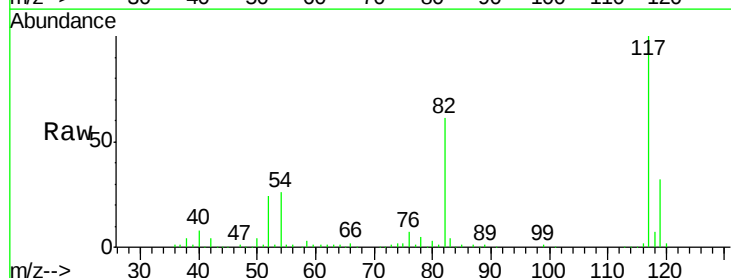
Tgt Ion: 117 Resp: 527565

Ion Ratio Lower Upper

117 100

82 60.6 47.4 71.0

119 31.8 25.5 38.3



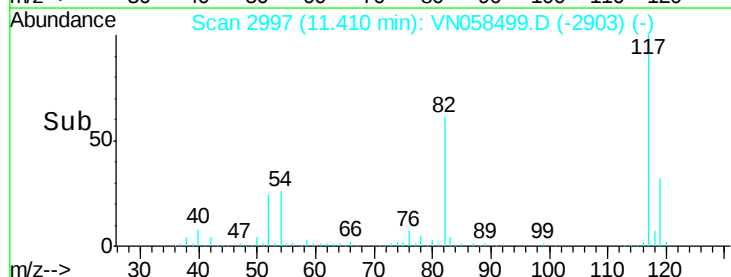
Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

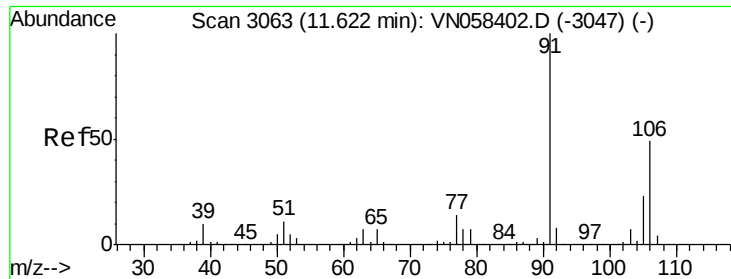
Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

11.41

11.30 11.40 11.50



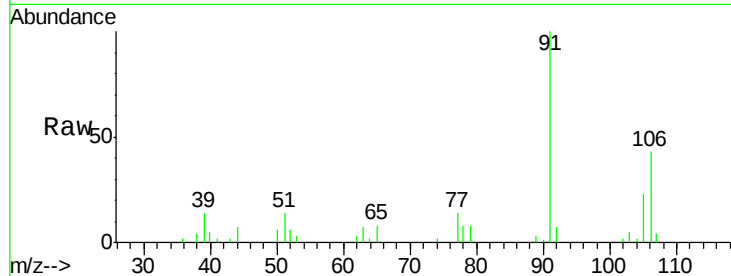
Time-->



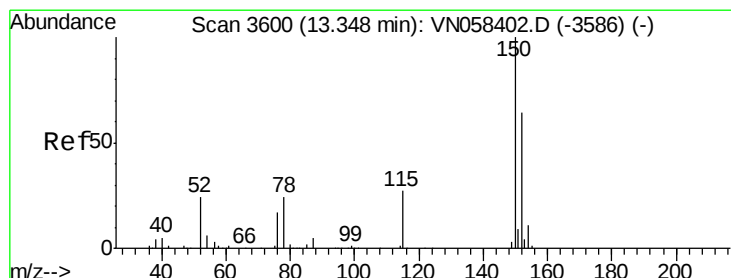
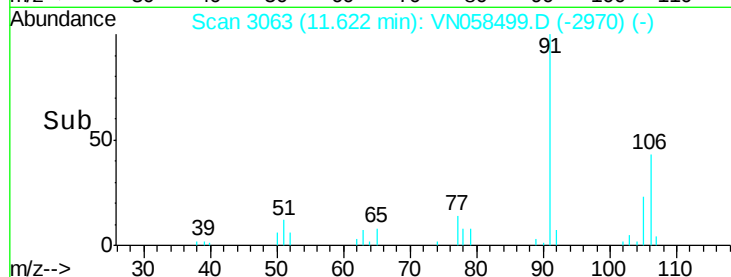
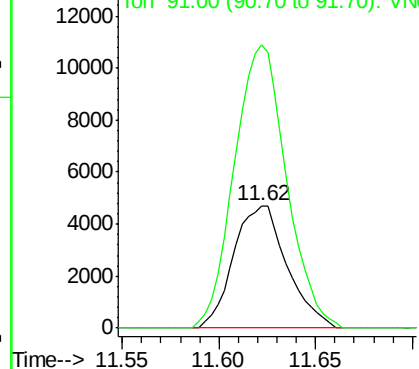
#68
m/p-Xvlenes
Concen: 1.269 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Instrument :
MSVOA_N
ClientSampleId :
20190834-COMPOSITE-J

Tot Ion:106 Resp: 9066
Ion Ratio Lower Upper
106 100
91 224.8 165.0 247.4

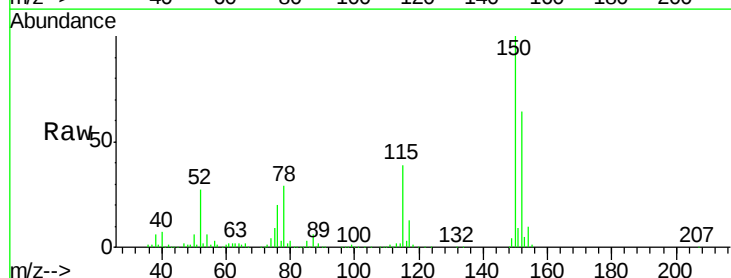


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VNO

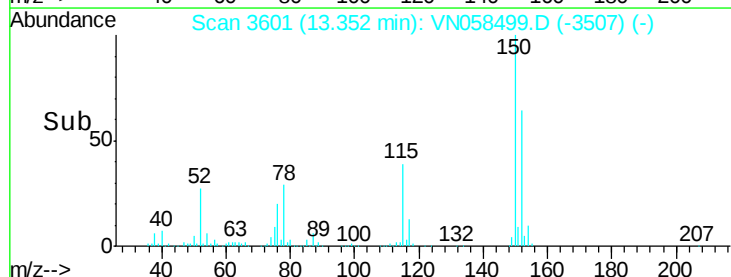
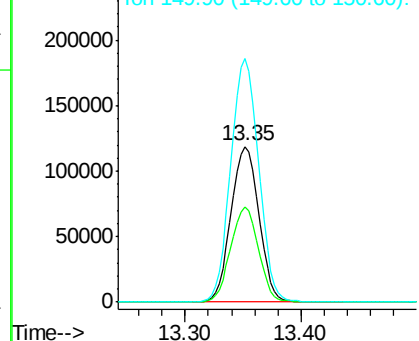


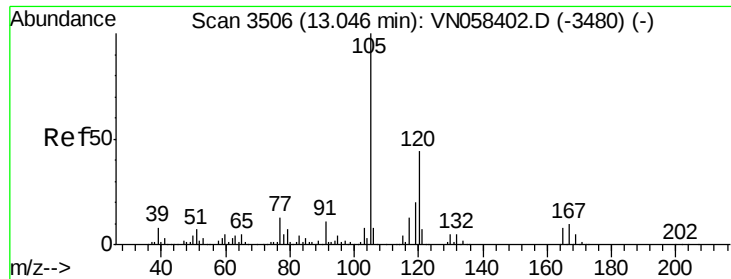
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058499.D
Acq: 3 Oct 2019 00:47

Tgt Ion:152 Resp: 197721
Ion Ratio Lower Upper
152 100
115 61.0 30.0 90.0
150 156.5 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.056 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

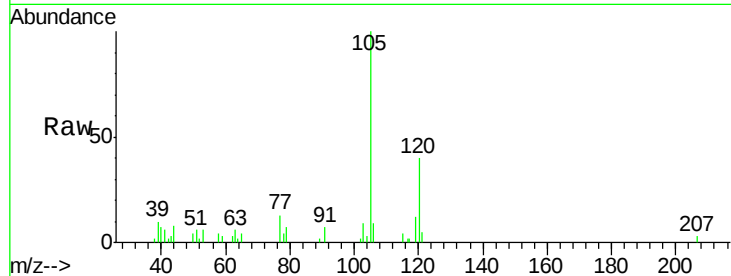
20190834-COMPOSITE-J

Tot Ion:105 Resp: 12947

Ion Ratio Lower Upper

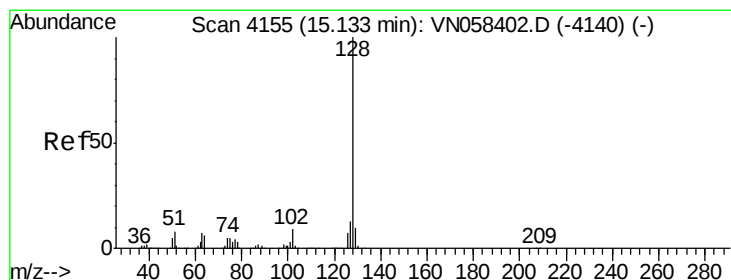
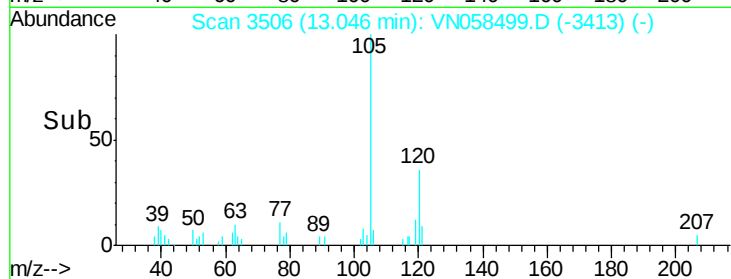
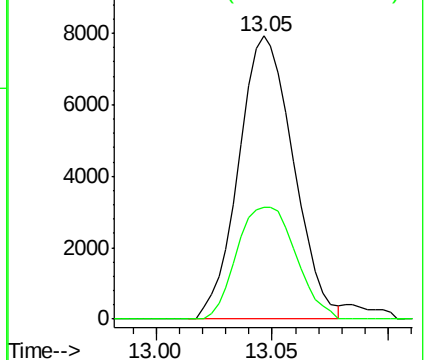
105 100

120 42.6 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.717 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058499.D

Acq: 3 Oct 2019 00:47

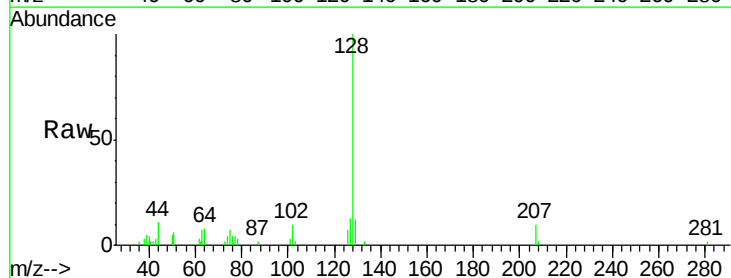
Tgt Ion:128 Resp: 16857

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.4

129 10.2 8.3 12.5



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

