

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058789.D
 Acq On : 15 Oct 2019 17:44
 Operator : JC/SP
 Sample : K5326-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SO-101019

Quant Time: Oct 16 05:22:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

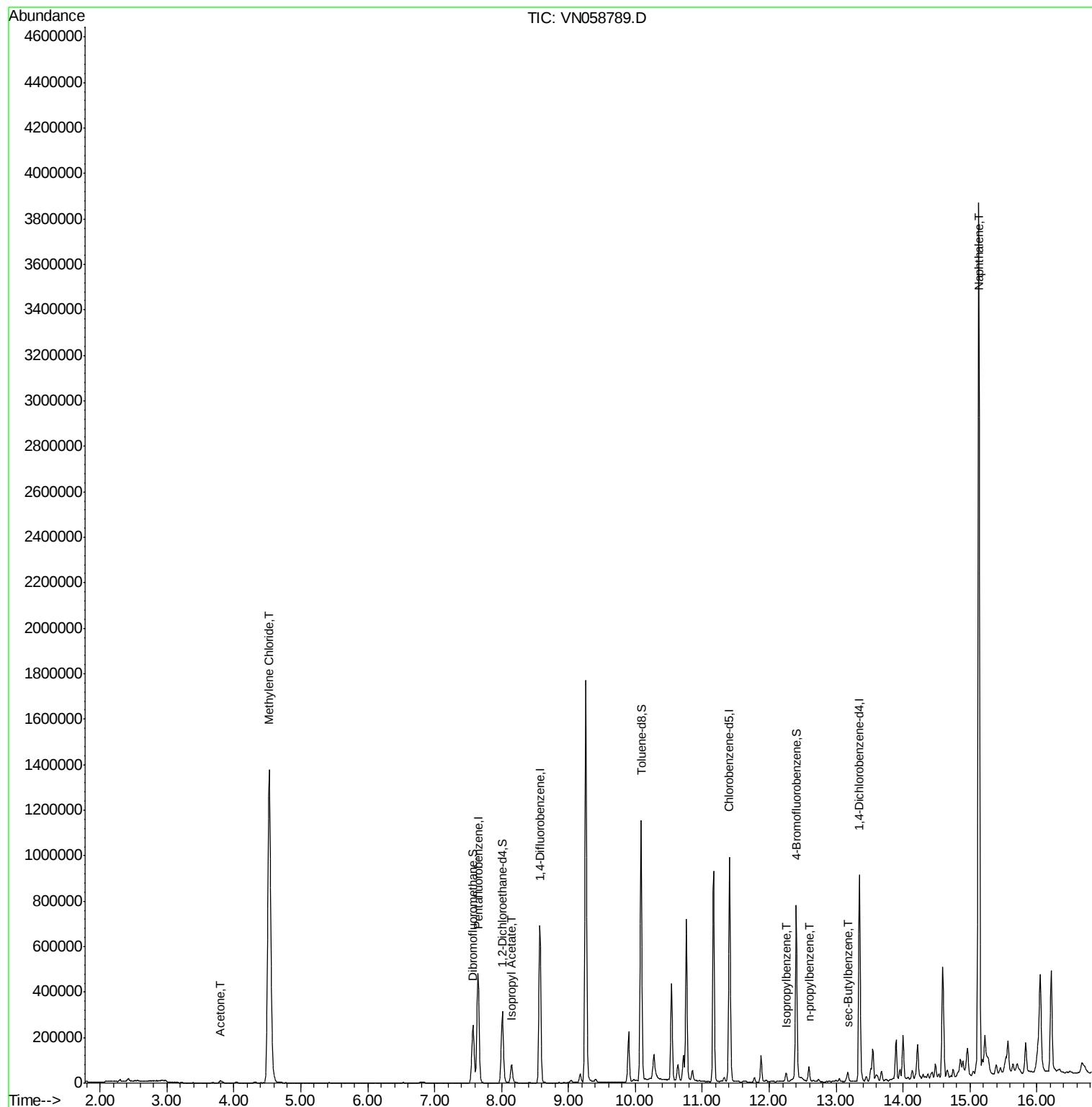
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	375008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	597374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	275540	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.57	113	194588	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.09	98	764675	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.40	95	254597	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
Target Compounds						
16) Acetone	3.80	43	15096	6.946	ug/l	92
20) Methylene Chloride	4.53	84	1026816	226.047	ug/l	98
43) Isopropyl Acetate	8.15	43	94628	9.094	ug/l #	90
73) Isopropylbenzene	12.25	105	24780	1.503	ug/l	99
78) n-propylbenzene	12.60	91	51049	2.657	ug/l	99
85) sec-Butylbenzene	13.17	105	27348	1.721	ug/l	85
95) Naphthalene	15.13	128	2974048	235.311	ug/l	98

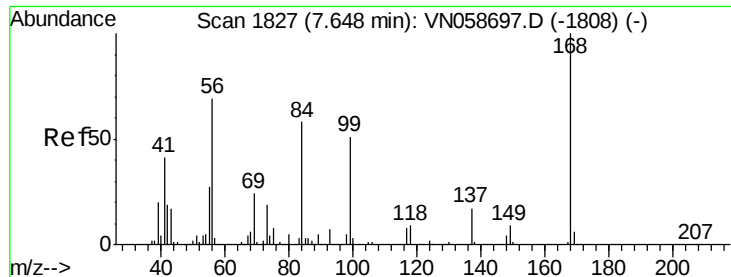
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101519\
Data File : VN058789.D
Acq On : 15 Oct 2019 17:44
Operator : JC/SP
Sample : K5326-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-101019

Quant Time: Oct 16 05:22:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058789.D

Acq: 15 Oct 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

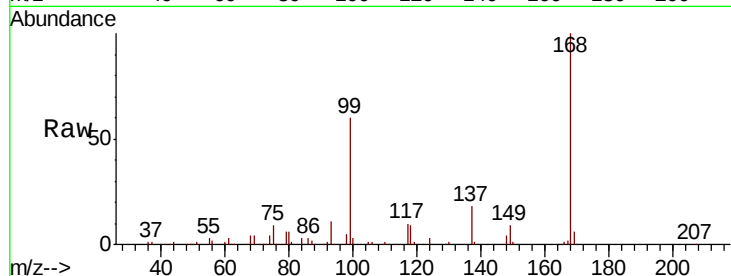
IDW-SO-101019

Tot Ion:168 Resp: 375008

Ion Ratio Lower Upper

168 100

99 60.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

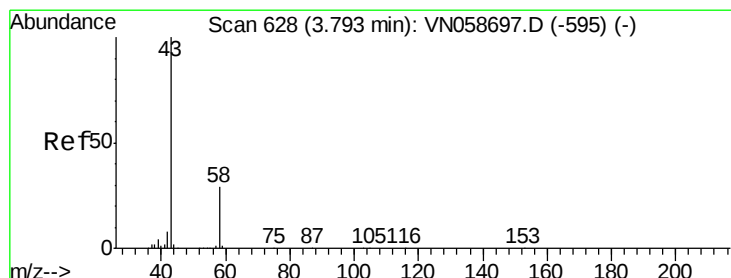
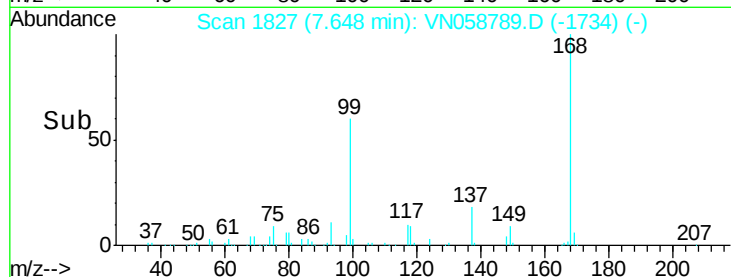
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.946 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058789.D

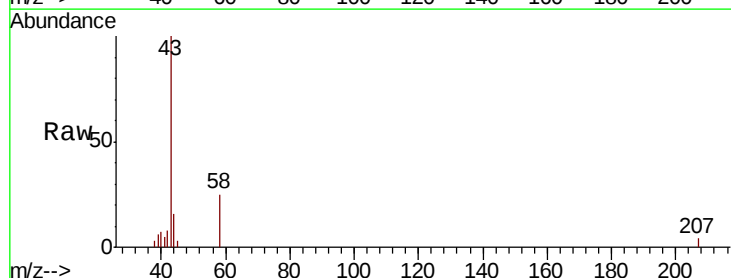
Acq: 15 Oct 2019 17:44

Tgt Ion: 43 Resp: 15096

Ion Ratio Lower Upper

43 100

58 24.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

6000

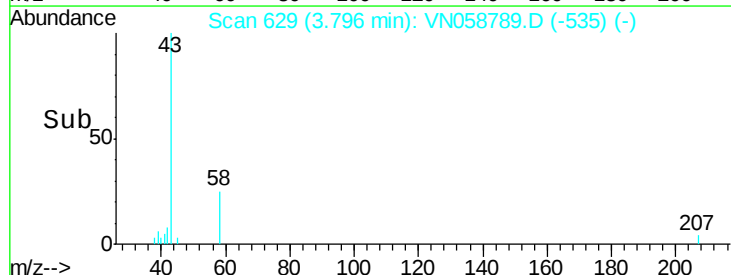
4000

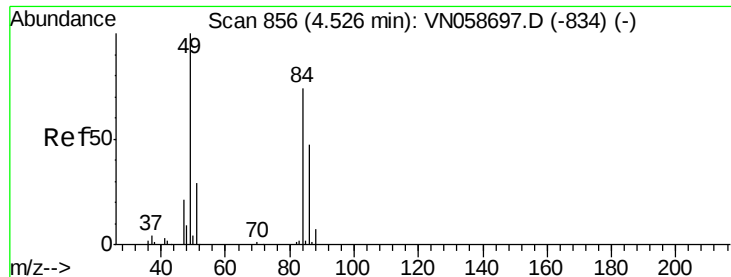
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->



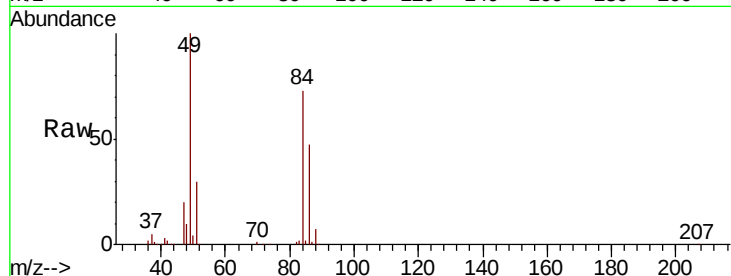


#20
Methylene Chloride
Concen: 226.047 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058789.D
Acq: 15 Oct 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-101019

Tot Ion: 84 Resp: 1026816

Ion	Ratio	Lower	Upper
84	100		
49	136.3	107.6	161.4
51	41.2	31.4	47.0
86	64.1	50.3	75.5

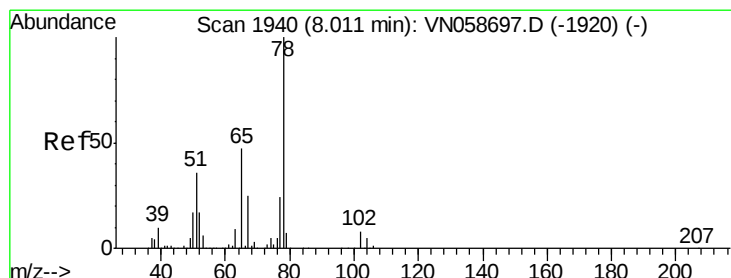
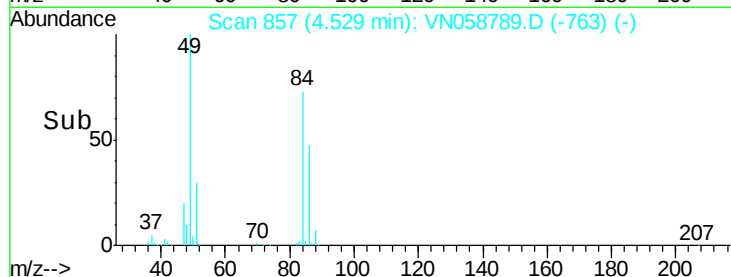
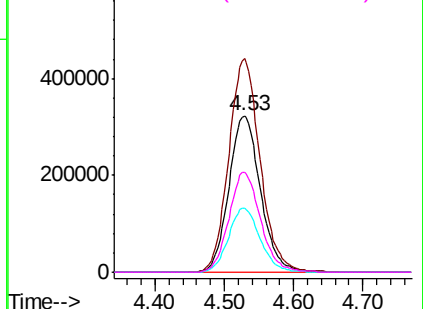


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

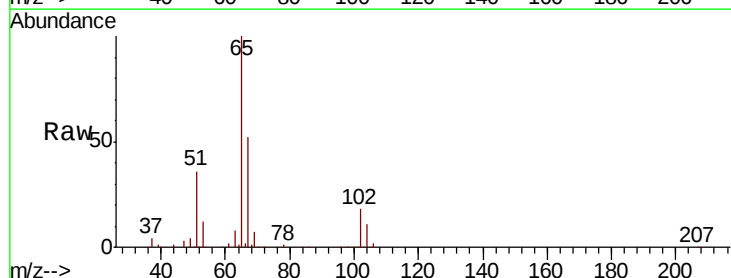
Ion 85.90 (85.60 to 86.60): VN0



#33
1,2-Dichloroethane-d4
Concen: 52.483 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058789.D
Acq: 15 Oct 2019 17:44

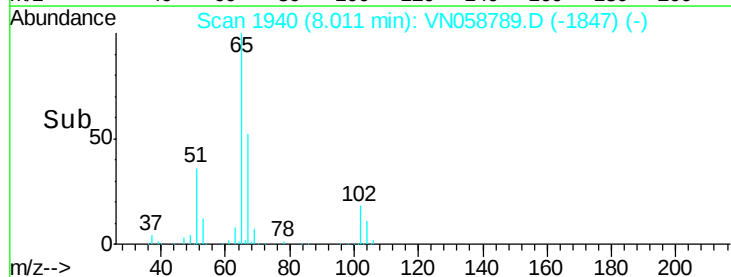
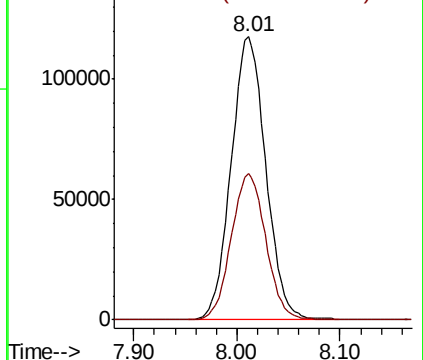
Tgt Ion: 65 Resp: 275540

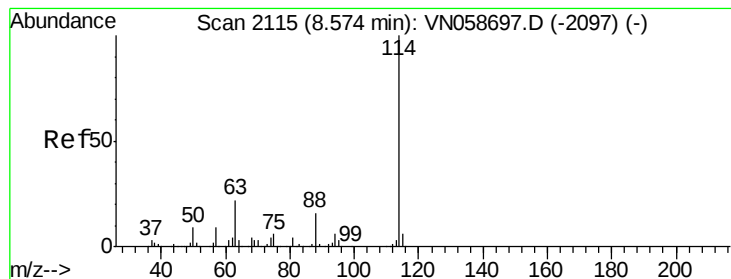
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.8



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: VN058789.D

Acq: 15 Oct 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

IDW-SO-101019

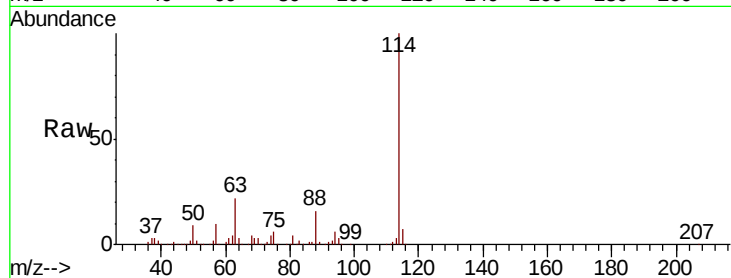
Tot Ion:114 Resp: 597374

Ion Ratio Lower Upper

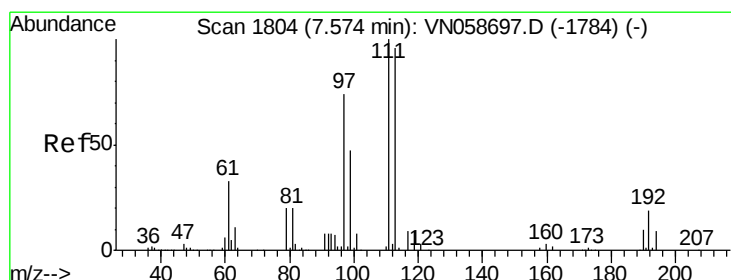
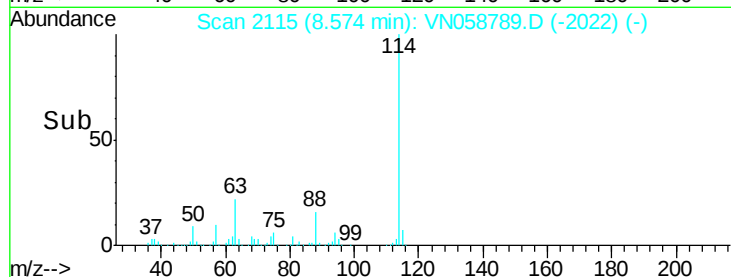
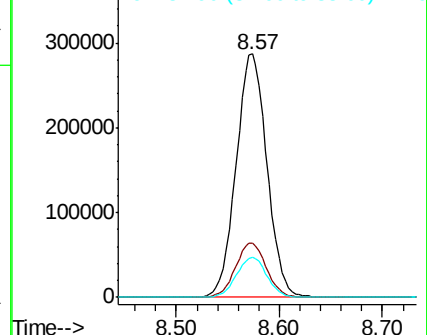
114 100

63 22.0 0.0 43.8

88 16.3 0.0 32.0



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: 52.736 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058789.D

Acq: 15 Oct 2019 17:44

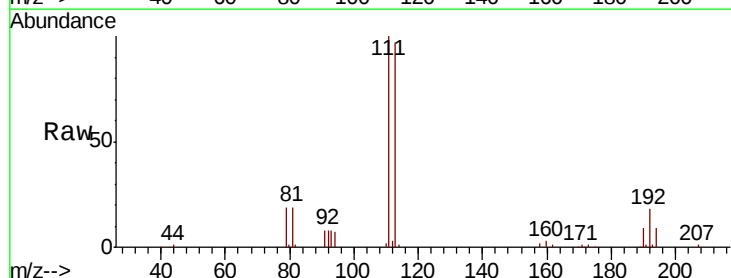
Tgt Ion:113 Resp: 194588

Ion Ratio Lower Upper

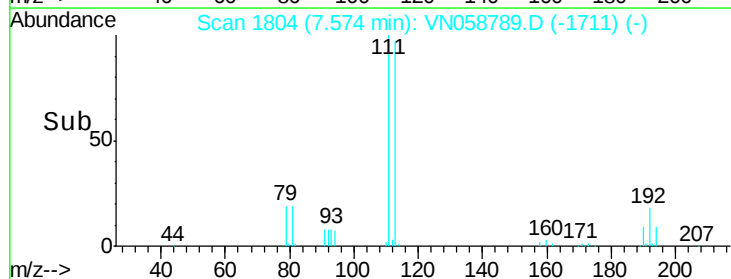
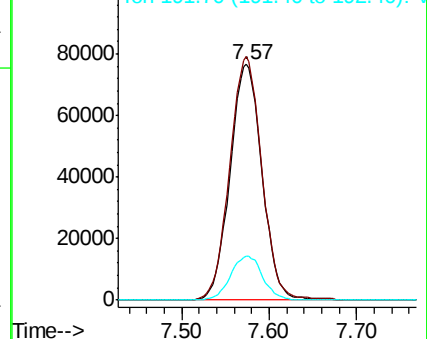
113 100

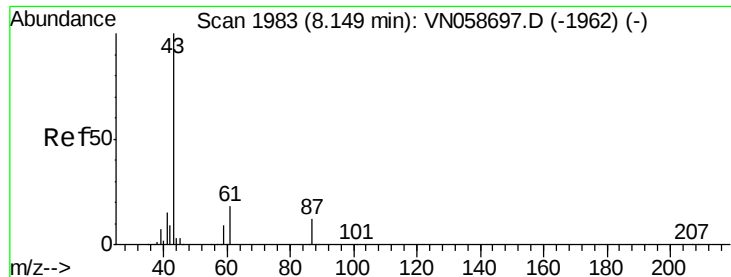
111 103.1 82.3 123.5

192 18.6 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.094 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058789.D

Acq: 15 Oct 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

IDW-SO-101019

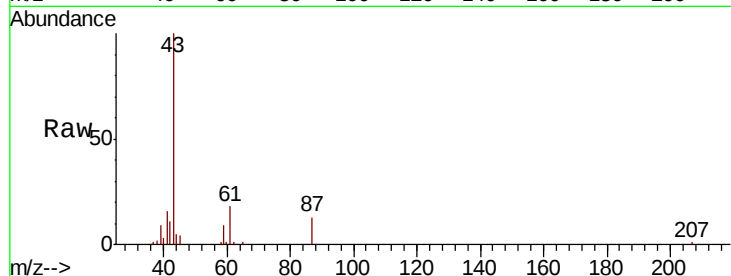
Tot Ion: 43 Resp: 94628

Ion Ratio Lower Upper

43 100

61 18.5 20.3 30.5#

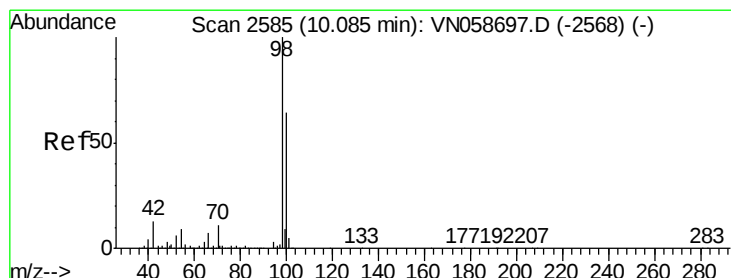
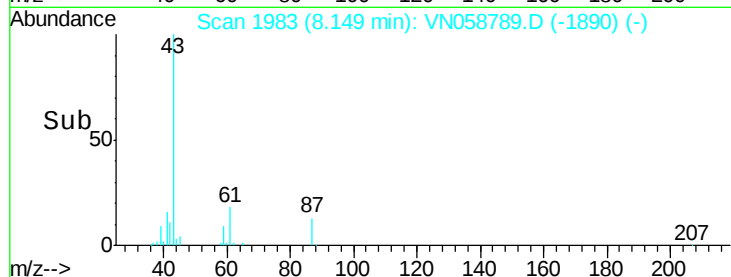
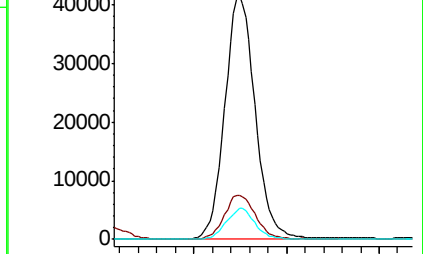
87 11.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN058789.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058789.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058789.D (-1890) (-)



#50

Toluene-d8

Concen: 51.824 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058789.D

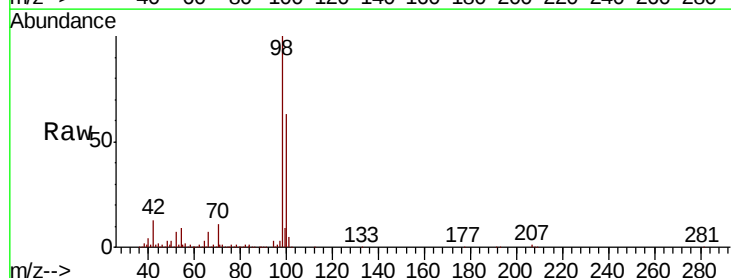
Acq: 15 Oct 2019 17:44

Tgt Ion: 98 Resp: 764675

Ion Ratio Lower Upper

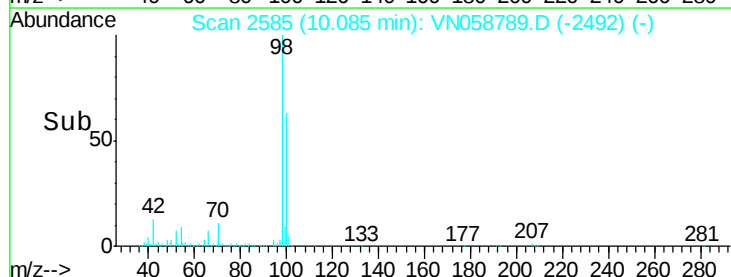
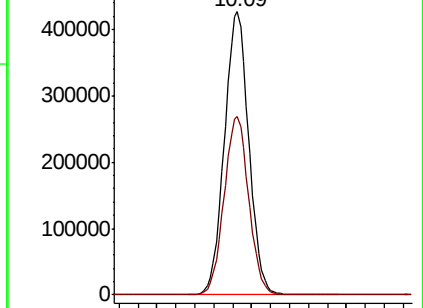
98 100

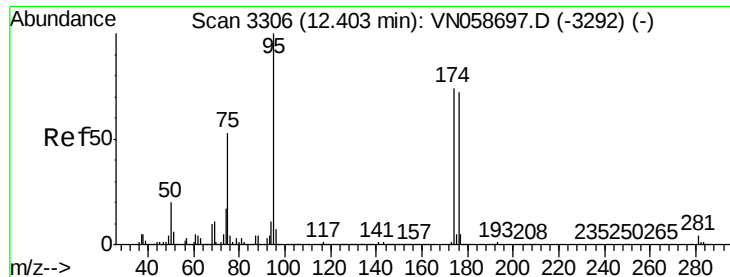
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058789.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058789.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 45.584 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058789.D

Acq: 15 Oct 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

IDW-SO-101019

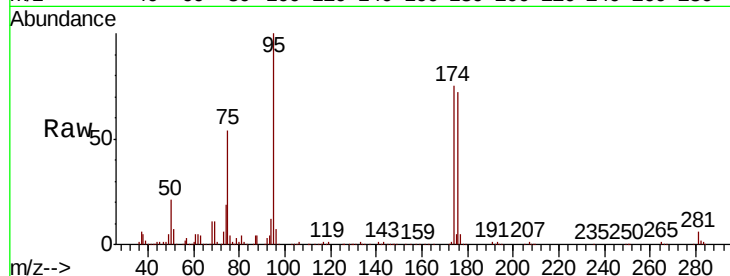
Tot Ion: 95 Resp: 254597

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.4

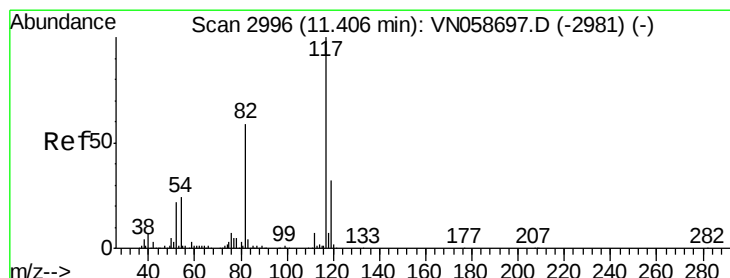
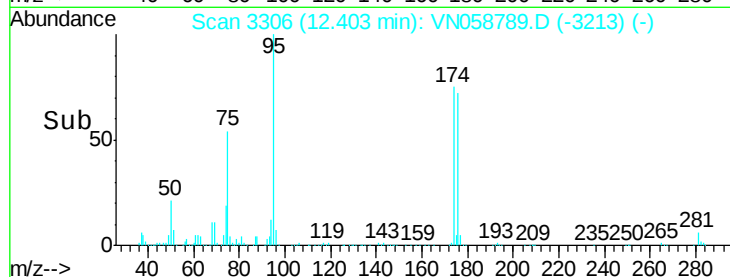
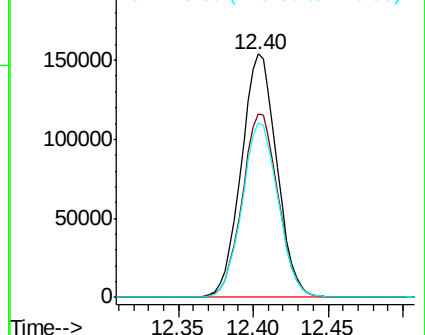
176 72.7 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058697.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058697.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058697.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058789.D

Acq: 15 Oct 2019 17:44

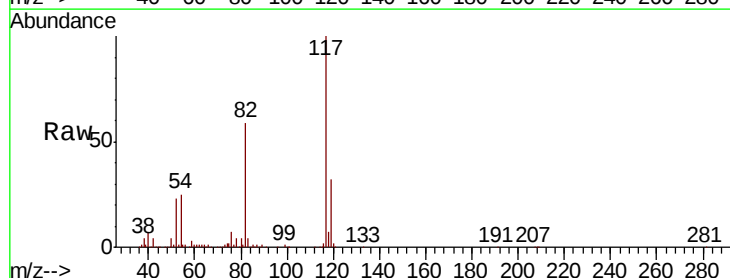
Tgt Ion: 117 Resp: 548333

Ion Ratio Lower Upper

117 100

82 58.6 47.0 70.4

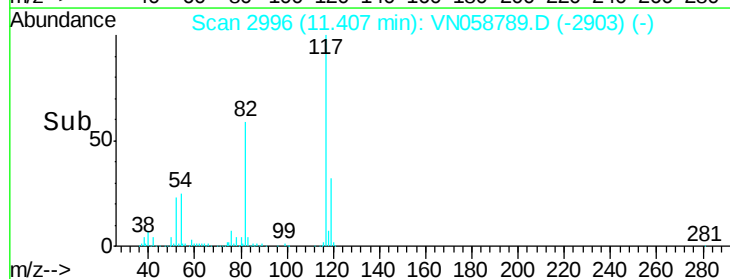
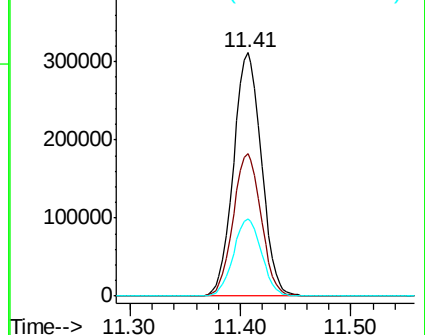
119 31.9 25.4 38.2

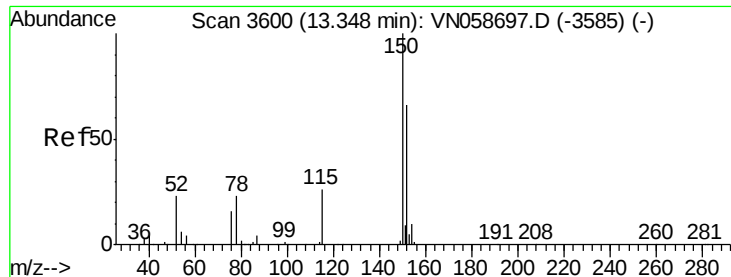


Abundance Ion 116.90 (116.60 to 117.60): VN058697.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058697.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058697.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058789.D

Acq: 15 Oct 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

IDW-SO-101019

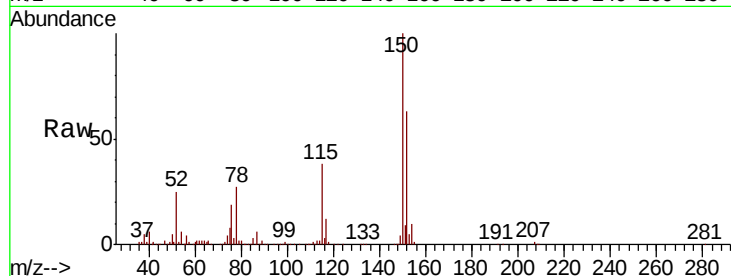
Tot Ion:152 Resp: 227686

Ion Ratio Lower Upper

152 100

115 61.6 30.4 91.2

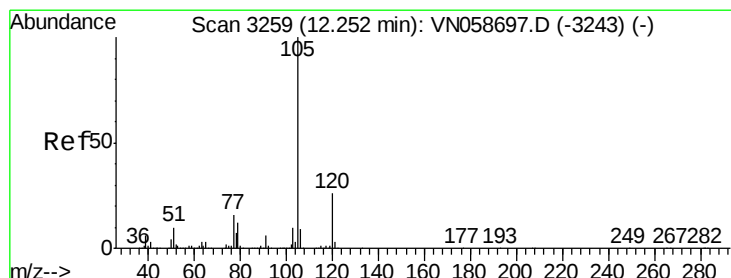
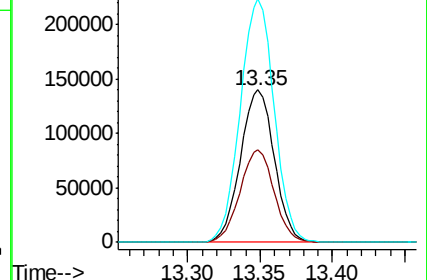
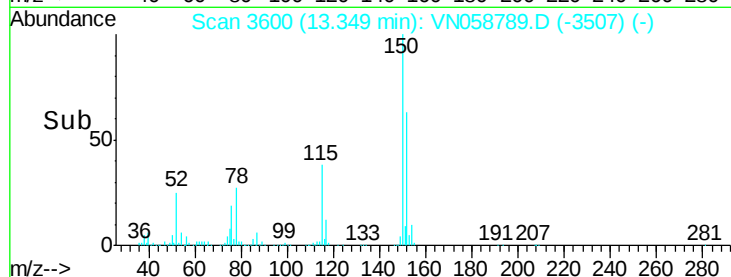
150 159.7 0.0 345.4



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: 1.503 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058789.D

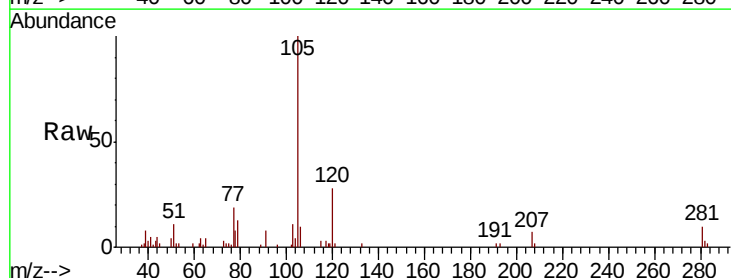
Acq: 15 Oct 2019 17:44

Tgt Ion:105 Resp: 24780

Ion Ratio Lower Upper

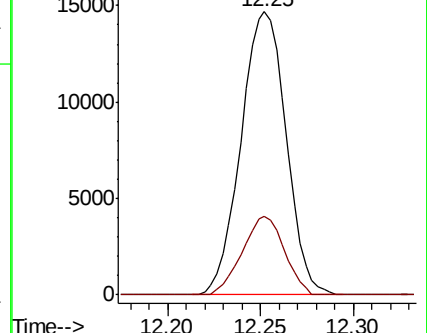
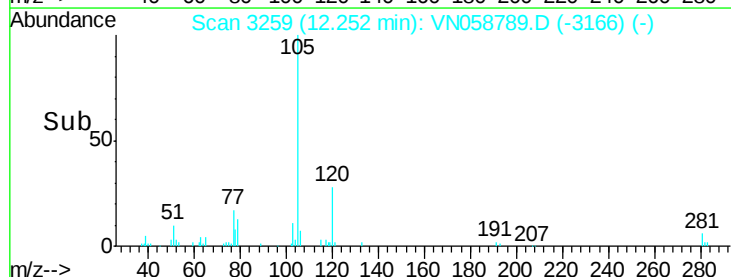
105 100

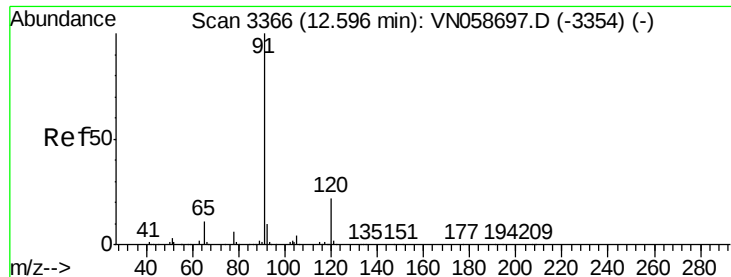
120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.657 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058789.D

Acq: 15 Oct 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

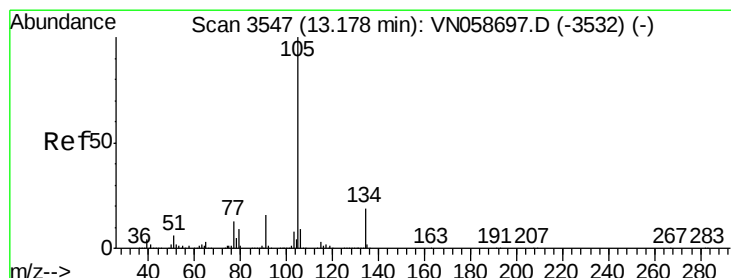
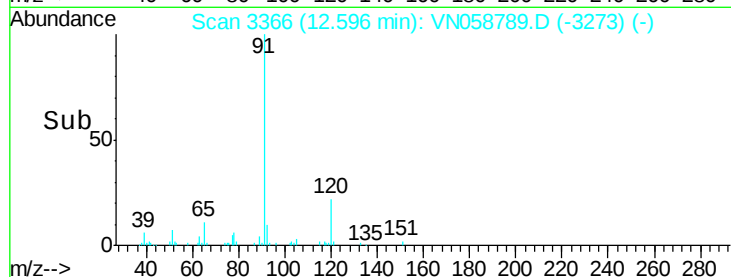
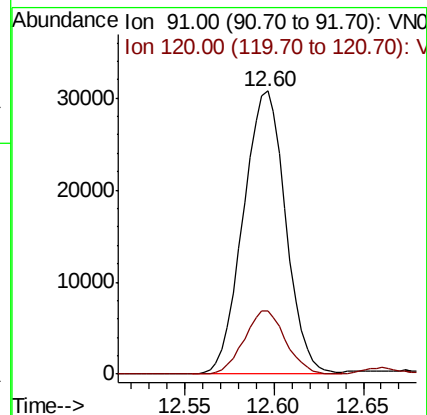
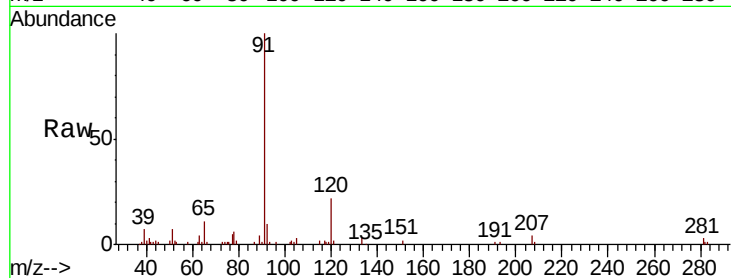
IDW-SO-101019

Tot Ion: 91 Resp: 51049

Ion Ratio Lower Upper

91 100

120 21.7 11.1 33.3



#85

sec-Butylbenzene

Concen: 1.721 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN058789.D

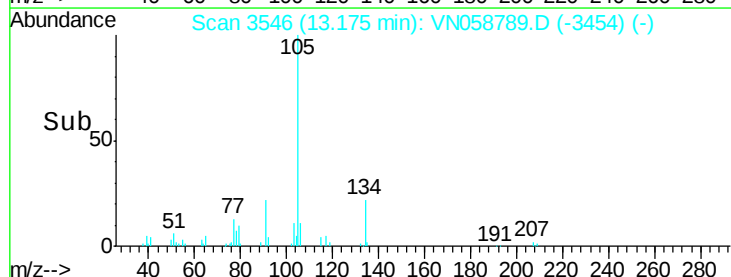
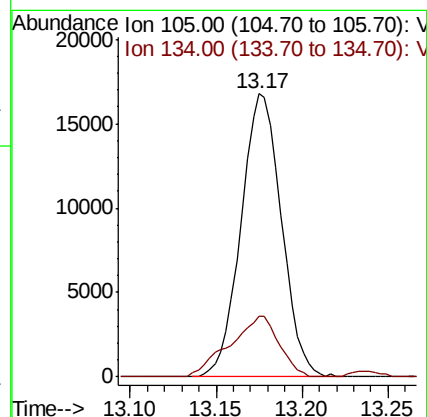
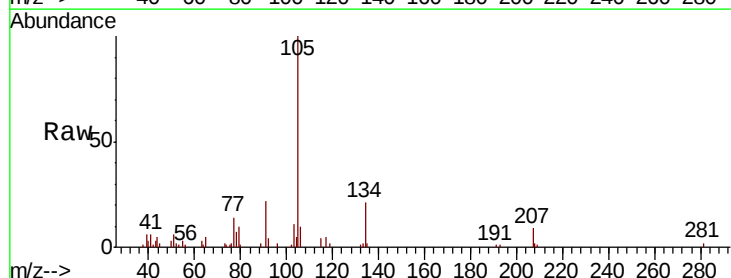
Acq: 15 Oct 2019 17:44

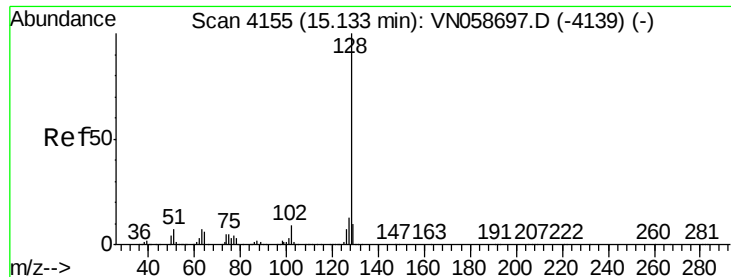
Tgt Ion: 105 Resp: 27348

Ion Ratio Lower Upper

105 100

134 26.1 9.7 29.1





#95
 Naphthalene
 Concen: 235.311 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. -0.00 min
 Lab File: VN058789.D
 Acq: 15 Oct 2019 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SO-101019

Tot Ion:128 Resp: 2974048
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.4
 129 11.3 8.5 12.7

