

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053777.D
 Acq On : 14 Feb 2019 14:15
 Operator : JC/SP
 Sample : K1479-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR

Quant Time: Feb 15 04:01:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	709591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1221302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1136748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	496636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	390916	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
35) Dibromofluoromethane	7.59	113	391077	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.09	98	1490443	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	501225	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

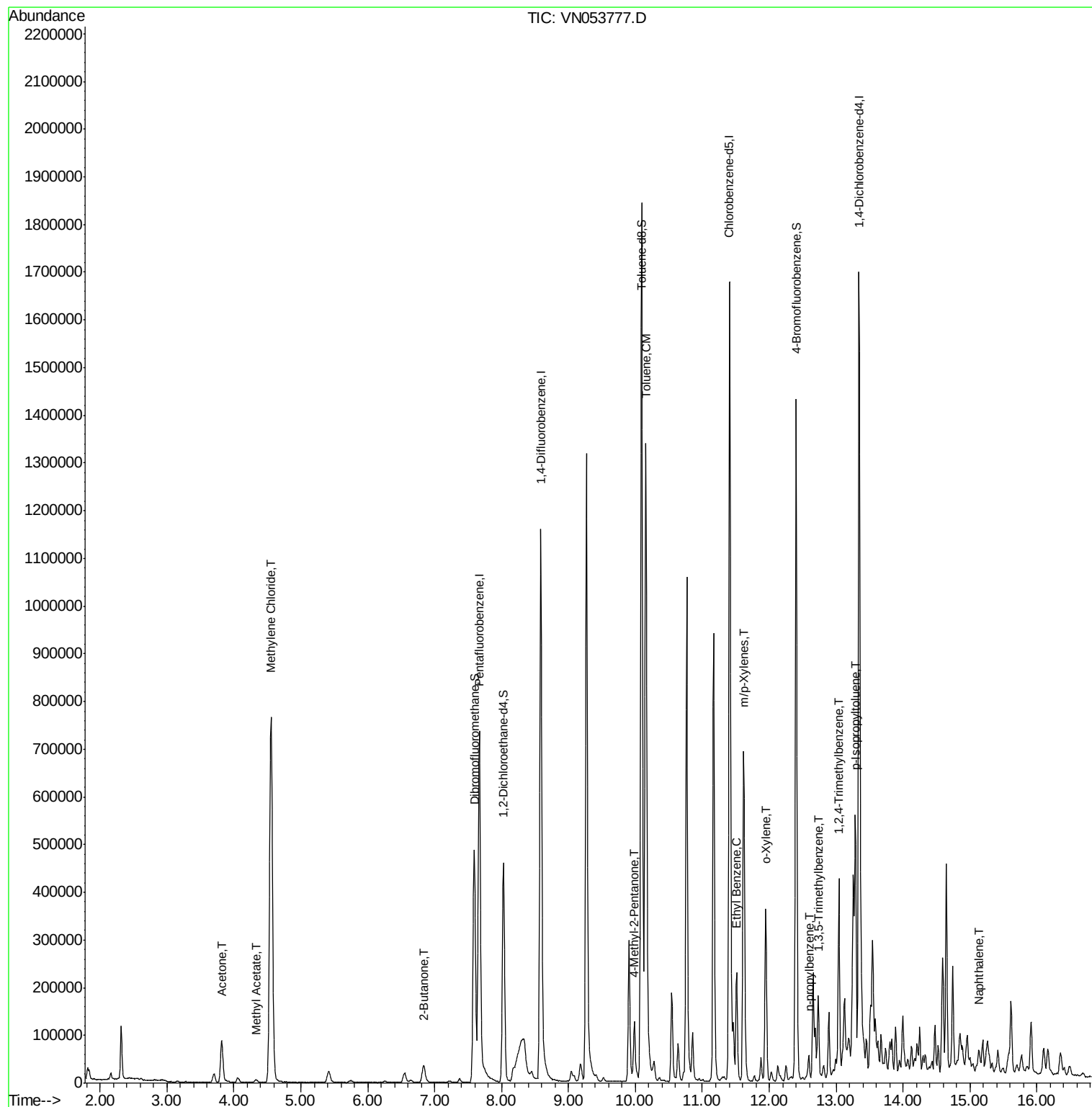
						Qvalue
16) Acetone	3.82	43	149838	82.061	ug/l	99
18) Methyl Acetate	4.33	43	13112	2.425	ug/l #	89
20) Methylene Chloride	4.55	84	616535	80.482	ug/l	97
25) 2-Butanone	6.84	43	59672	22.914	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	104051	17.832	ug/l	91
52) Toluene	10.16	92	662706	32.890	ug/l	99
67) Ethyl Benzene	11.51	91	177489	4.475	ug/l	99
68) m/p-Xylenes	11.62	106	236315	15.610	ug/l	99
69) o-Xylene	11.95	106	105895	7.241	ug/l	100
78) n-propylbenzene	12.59	91	42553	1.054	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	68394	2.362	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	243240	8.247	ug/l	99
86) p-Isopropyltoluene	13.29	119	320302	10.518	ug/l	90
95) Naphthalene	15.13	128	38533	3.441	ug/l #	97

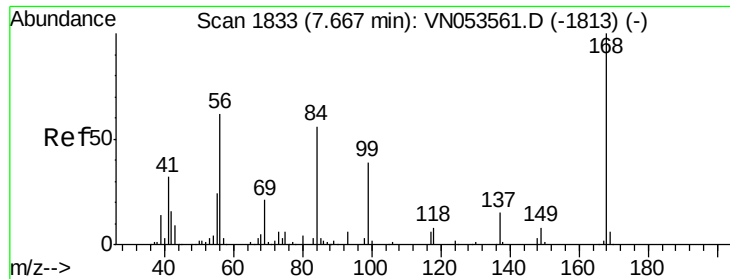
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053777.D

Acq: 14 Feb 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

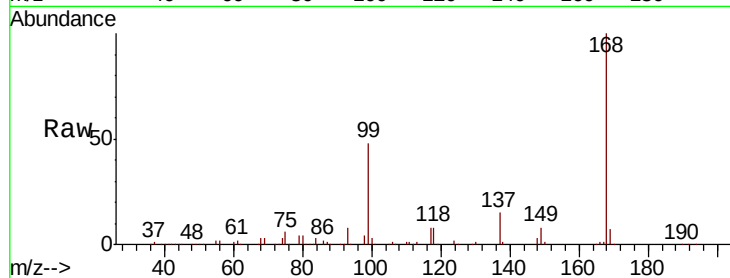
OIL-WATER-SEPARATOR

Tot Ion:168 Resp: 709591

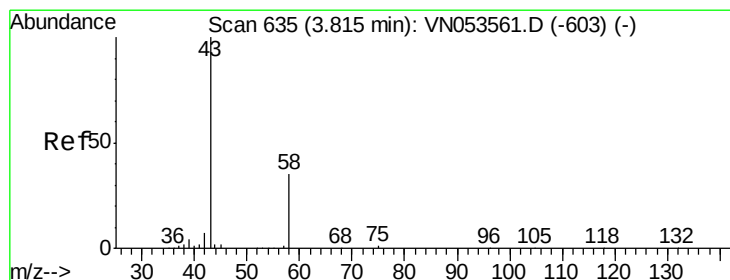
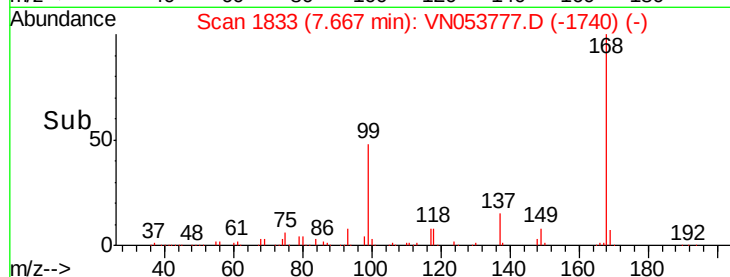
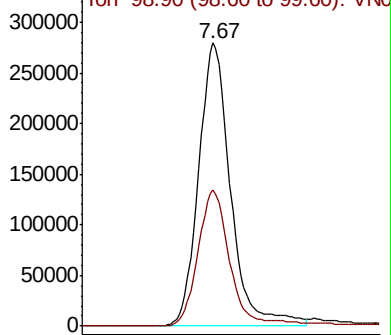
Ion Ratio Lower Upper

168 100

99 47.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053777.D (-1740) (-)



#16

Acetone

Concen: 82.061 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053777.D

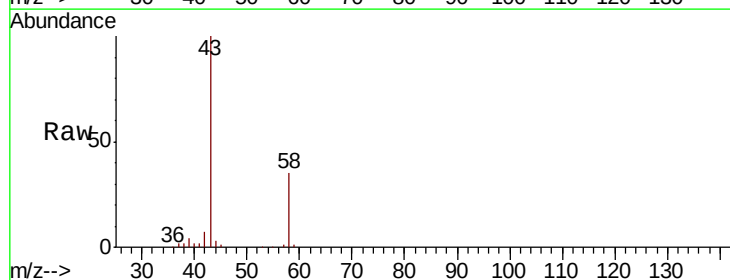
Acq: 14 Feb 2019 14:15

Tgt Ion: 43 Resp: 149838

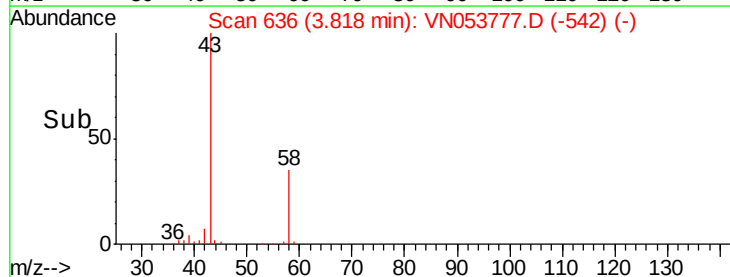
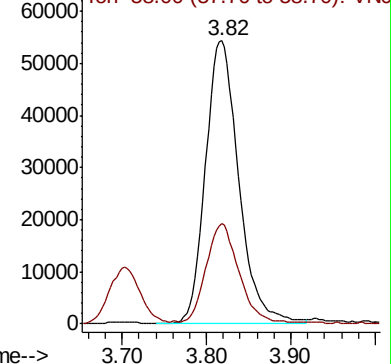
Ion Ratio Lower Upper

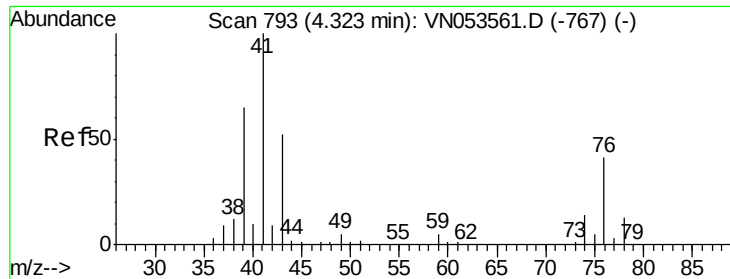
43 100

58 34.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053777.D (-542) (-)

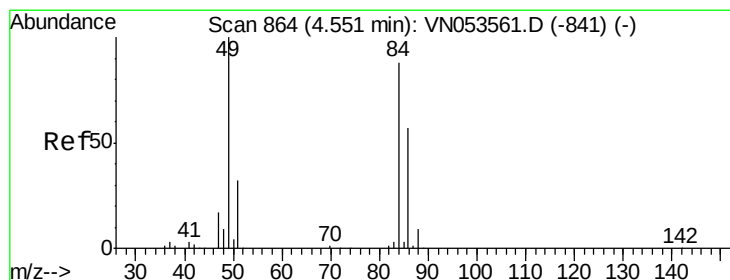
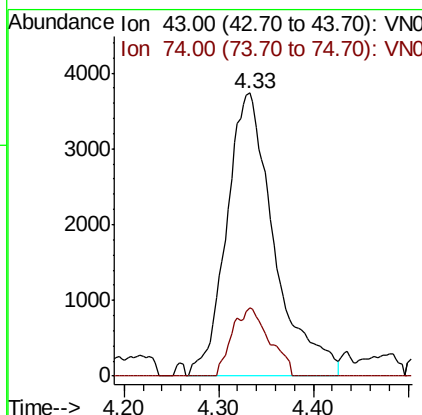
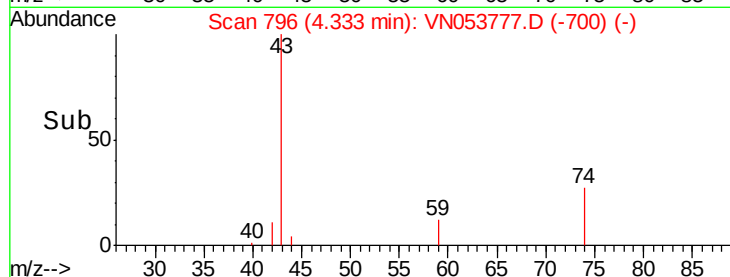
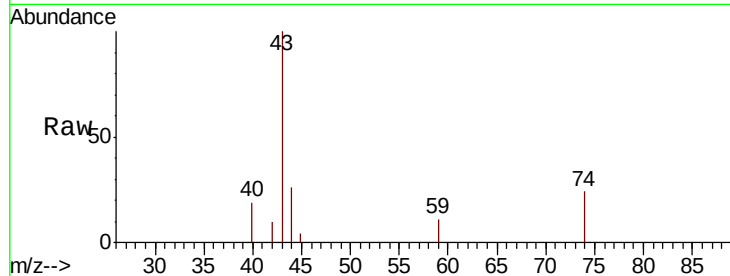




#18
Methyl Acetate
Concen: 2.425 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

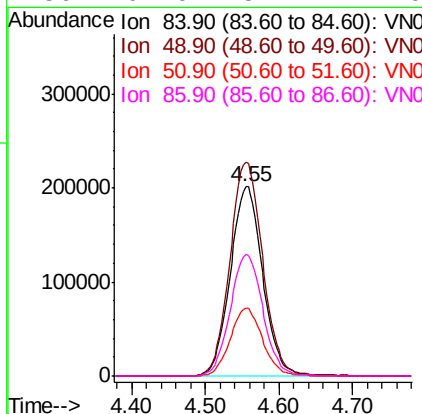
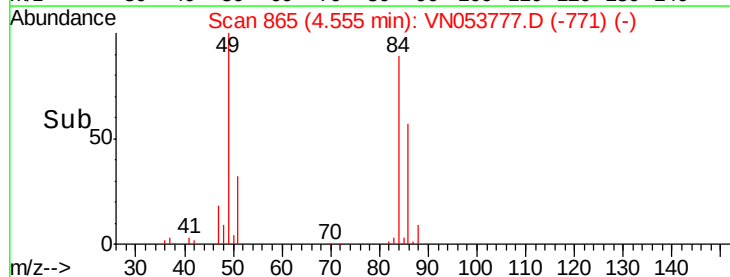
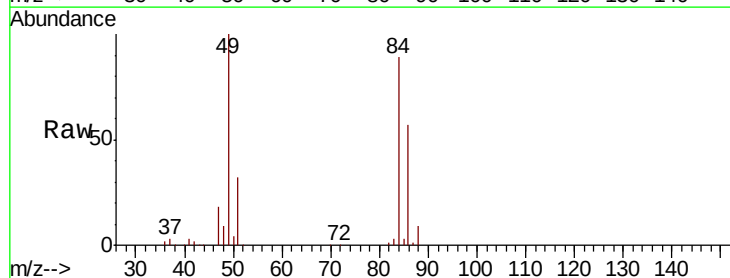
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR

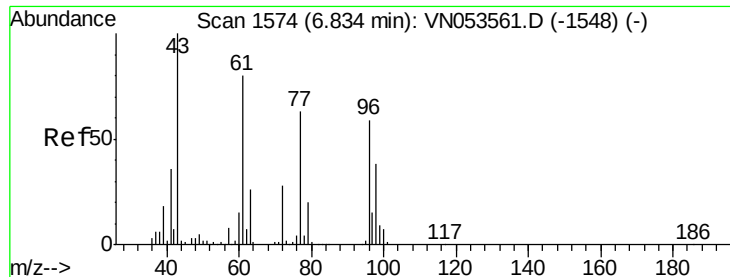
Tot Ion: 43 Resp: 13112
Ion Ratio Lower Upper
43 100
74 18.8 19.4 29.2#



#20
Methylene Chloride
Concen: 80.482 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

Tgt Ion: 84 Resp: 616535
Ion Ratio Lower Upper
84 100
49 112.8 94.3 141.5
51 36.0 29.4 44.2
86 64.0 51.4 77.0





#25

2-Butanone

Concen: 22.914 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN053777.D

Acq: 14 Feb 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

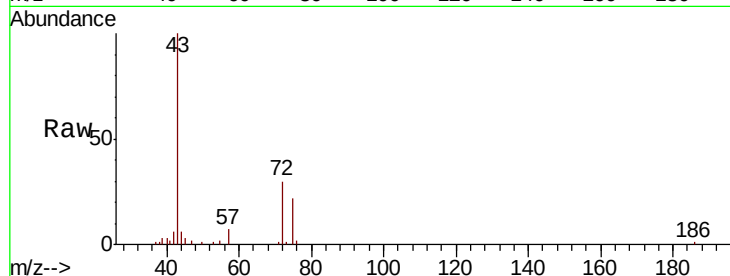
OIL-WATER-SEPARATOR

Tot Ion: 43 Resp: 59672

Ion Ratio Lower Upper

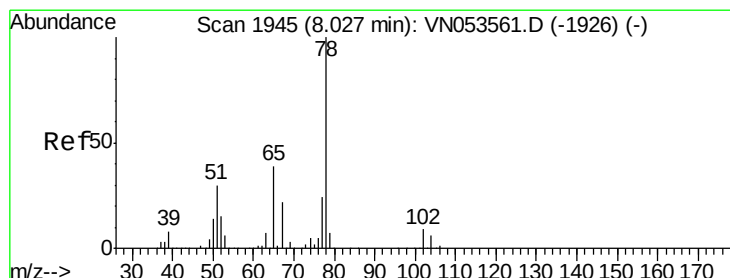
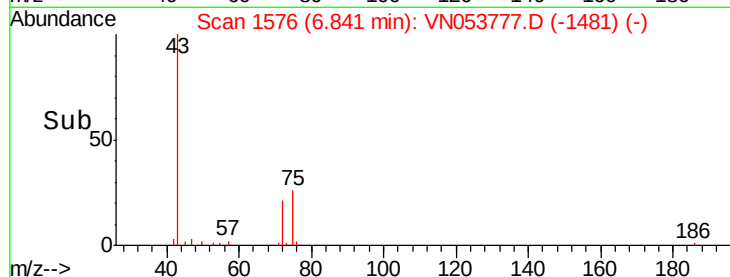
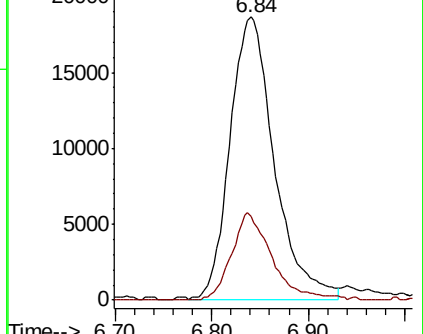
43 100

72 29.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1548) (-)

Ion 72.00 (71.70 to 72.70): VN053561.D (-1548) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.915 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053777.D

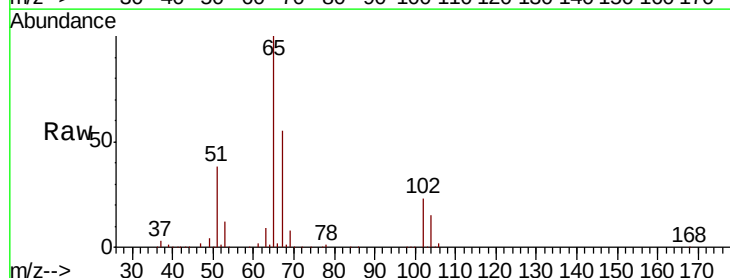
Acq: 14 Feb 2019 14:15

Tgt Ion: 65 Resp: 390916

Ion Ratio Lower Upper

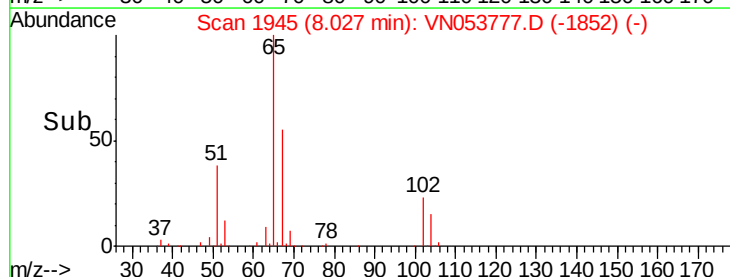
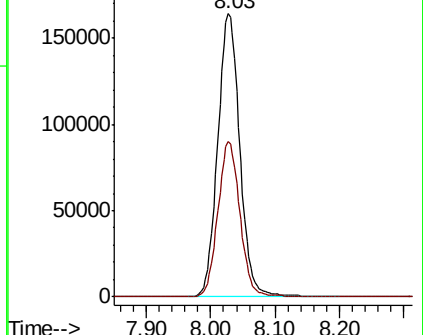
65 100

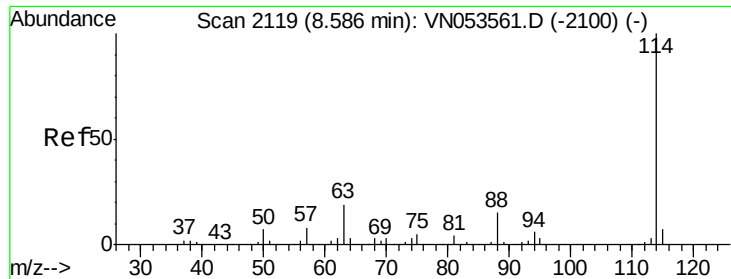
67 54.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053561.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN053561.D (-1926) (-)

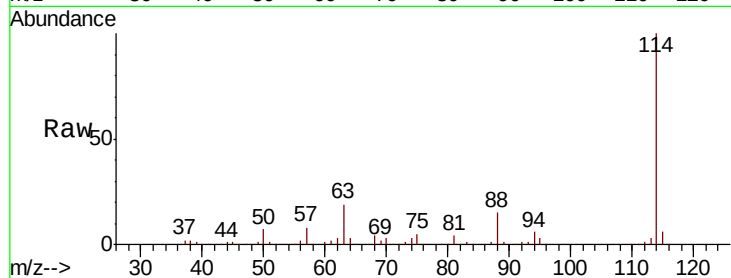




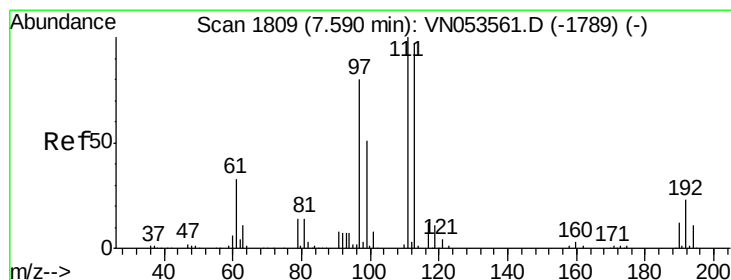
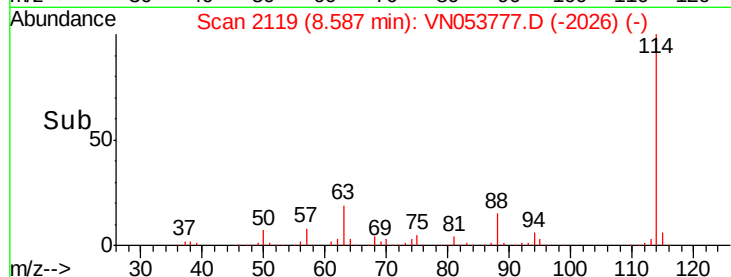
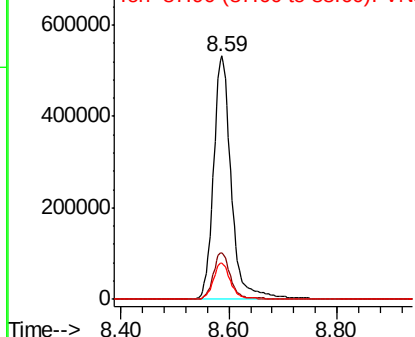
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053777.D
 Acq: 14 Feb 2019 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR

Tot Ion:114 Resp: 1221302
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 14.8 0.0 30.4

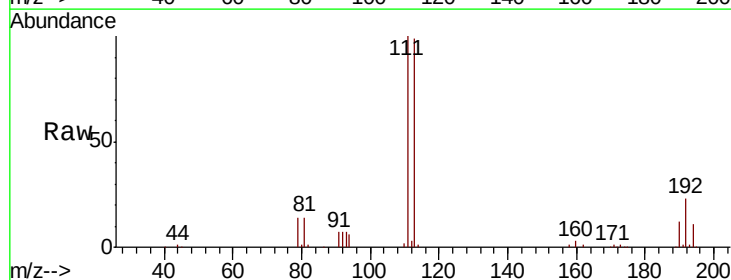


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

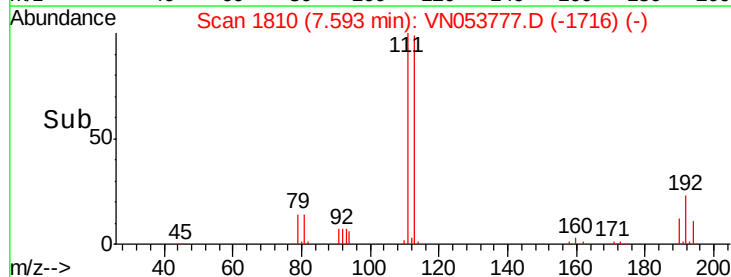
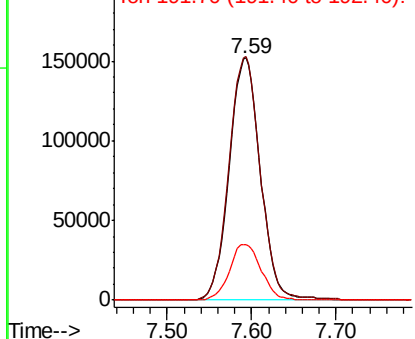


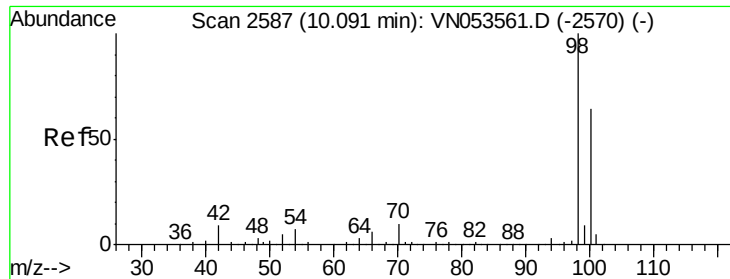
#35
 Dibromofluoromethane
 Concen: 50.677 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053777.D
 Acq: 14 Feb 2019 14:15

Tgt Ion:113 Resp: 391077
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.1 121.7
 192 23.2 18.2 27.2



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





#50

Toluene-d8

Concen: 51.437 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053777.D

Acq: 14 Feb 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

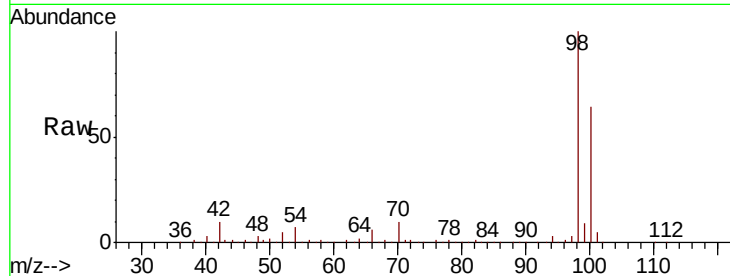
OIL-WATER-SEPARATOR

Tot Ion: 98 Resp: 1490443

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)

10.09

800000

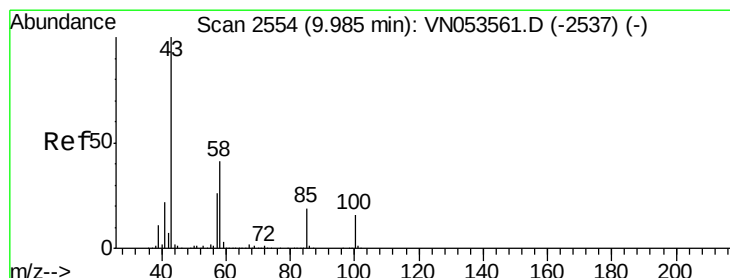
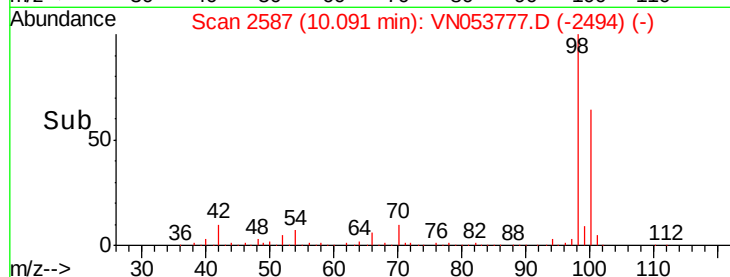
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 17.832 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053777.D

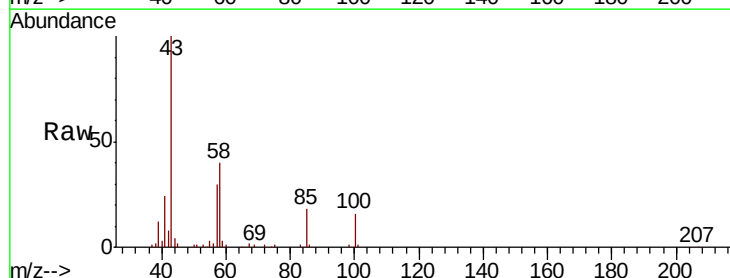
Acq: 14 Feb 2019 14:15

Tgt Ion: 43 Resp: 104051

Ion Ratio Lower Upper

43 100

58 35.3 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-2537) (-)

9.99

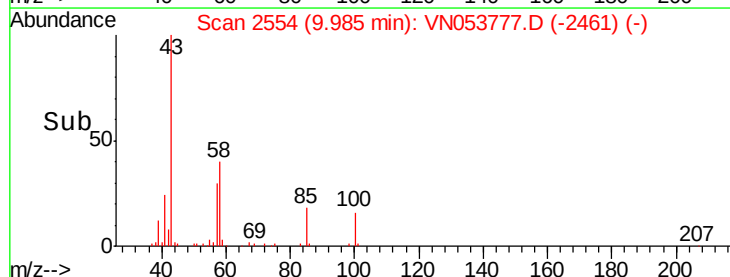
60000

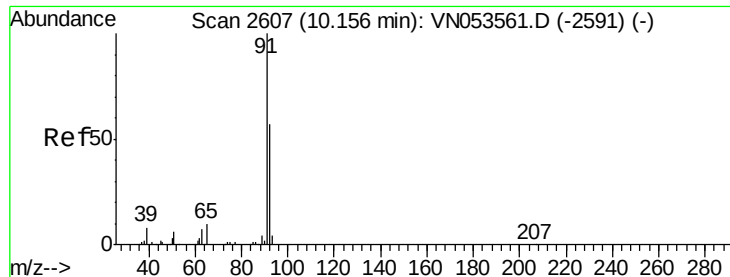
40000

20000

0

Time-->





#52

Toluene

Concen: 32.890 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053777.D

Acq: 14 Feb 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

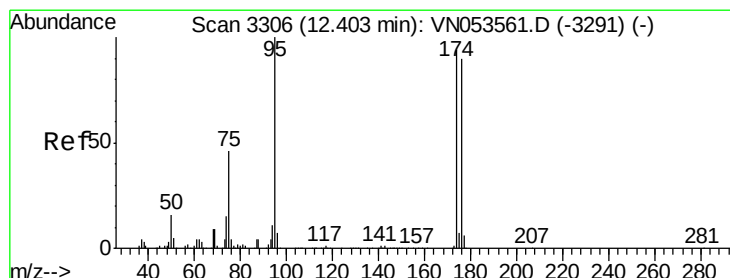
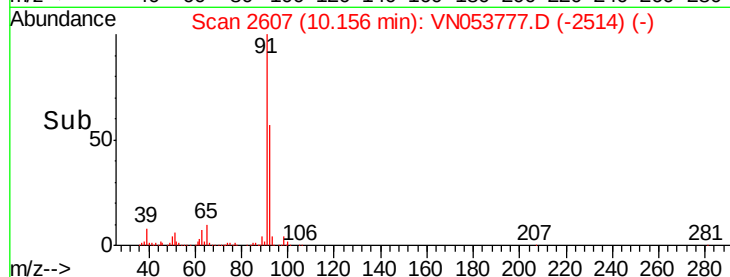
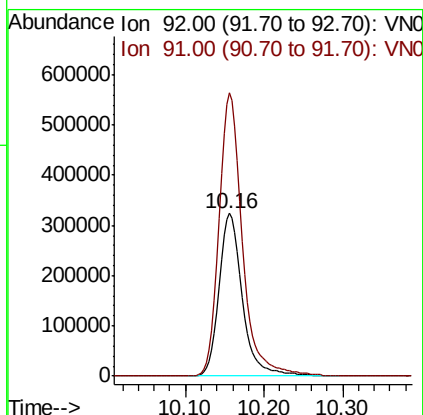
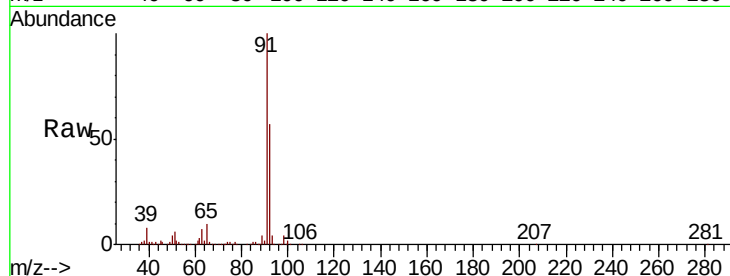
OIL-WATER-SEPARATOR

Tot Ion: 92 Resp: 662706

Ion Ratio Lower Upper

92 100

91 174.0 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 51.865 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053777.D

Acq: 14 Feb 2019 14:15

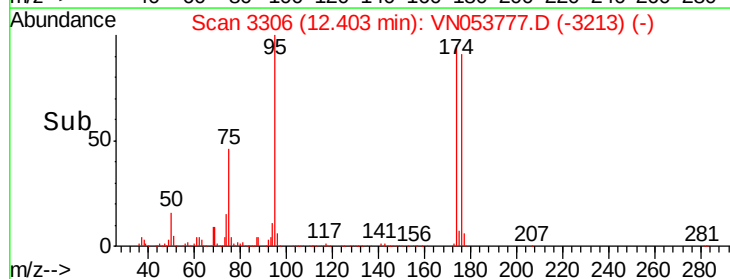
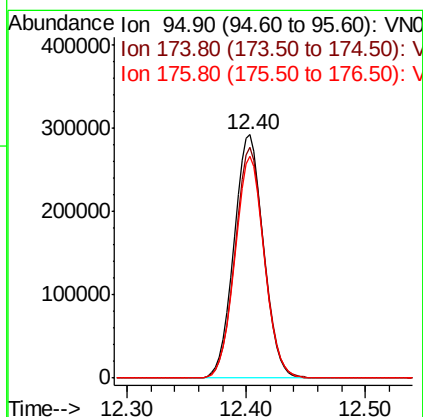
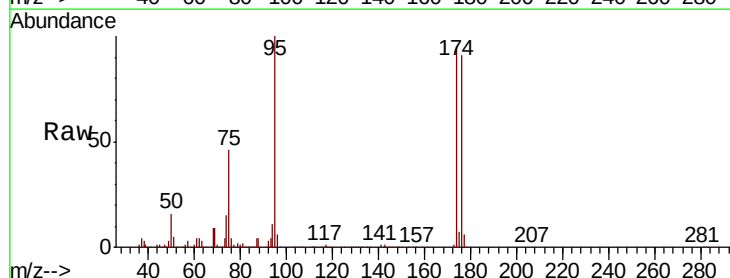
Tgt Ion: 95 Resp: 501225

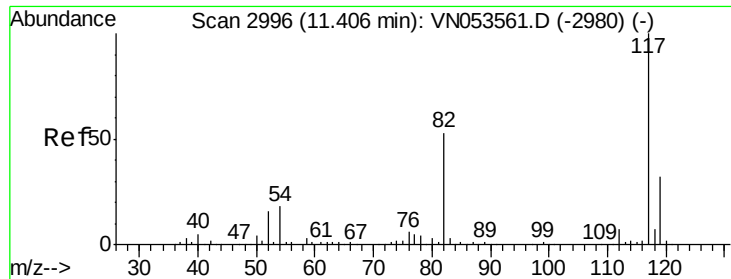
Ion Ratio Lower Upper

95 100

174 94.0 0.0 183.2

176 90.4 0.0 177.4

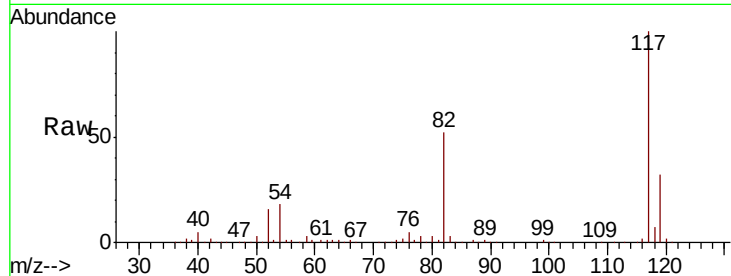




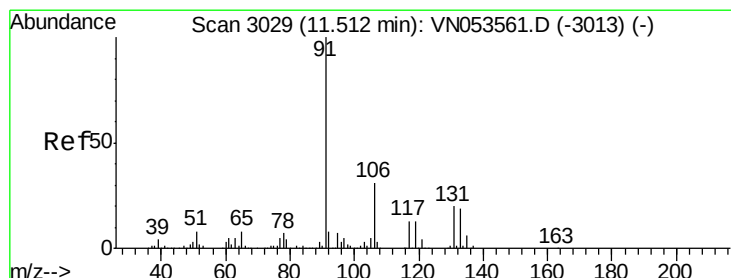
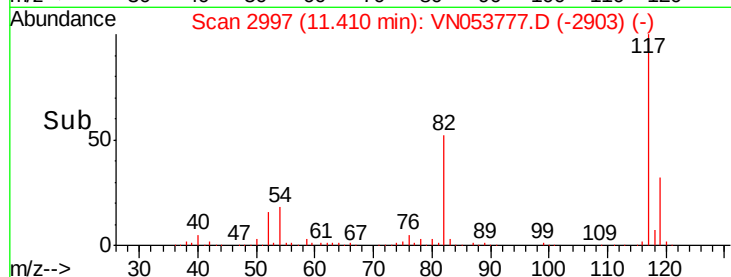
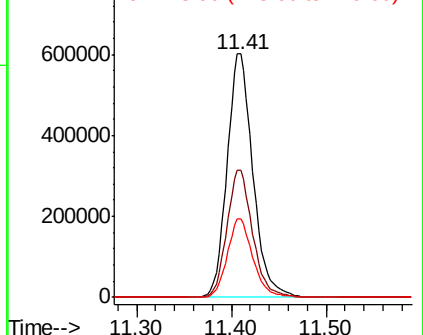
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR

Tot Ion:117 Resp: 1136748
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 32.0 26.0 39.0

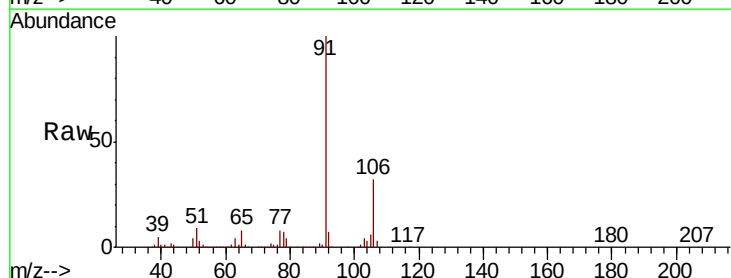


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

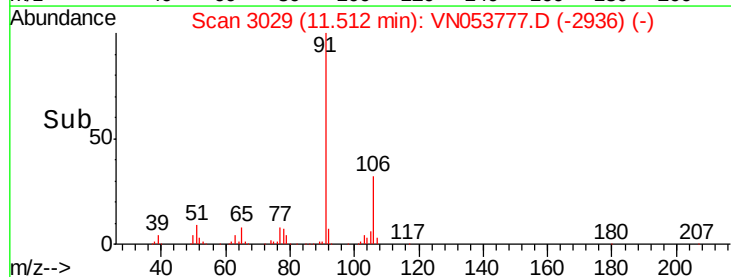
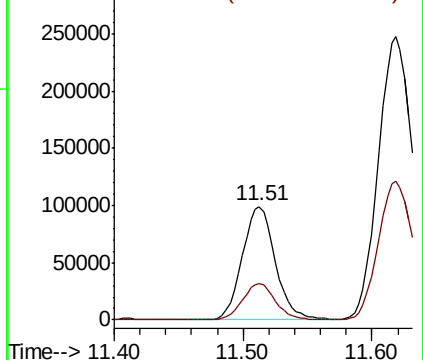


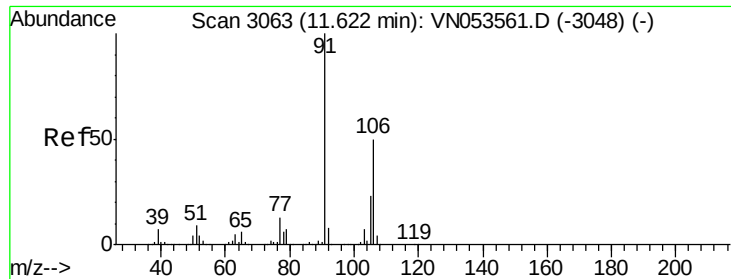
#67
Ethyl Benzene
Concen: 4.475 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

Tgt Ion: 91 Resp: 177489
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6



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

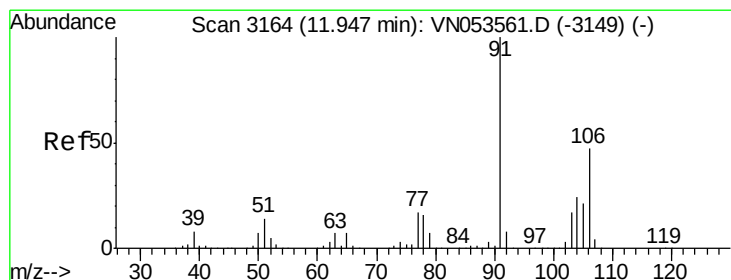
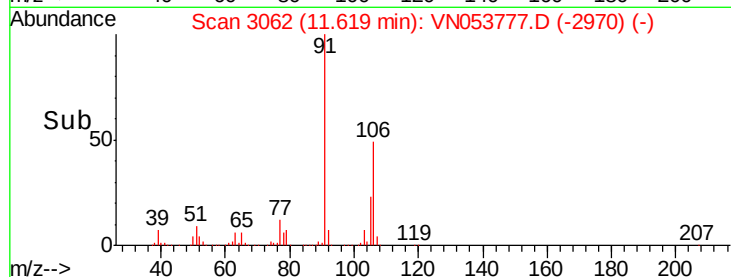
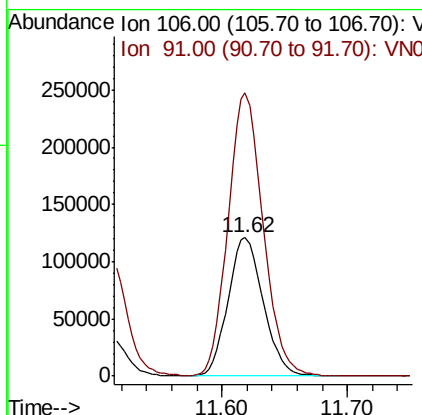
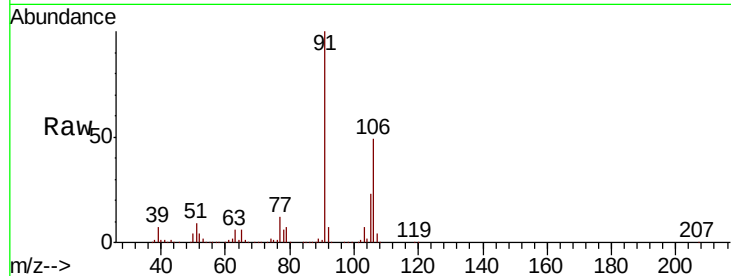




#68
m/p-Xylenes
Concen: 15.610 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

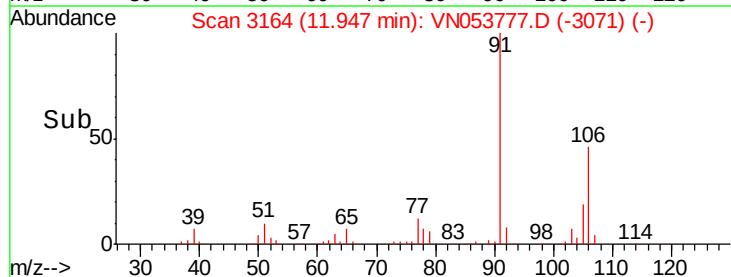
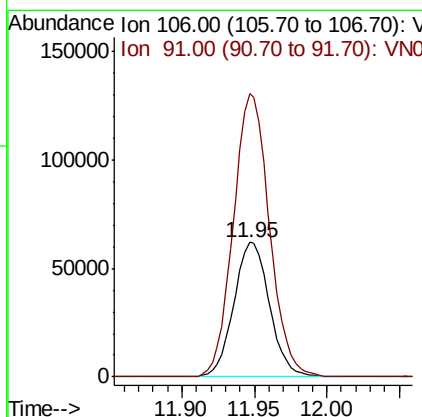
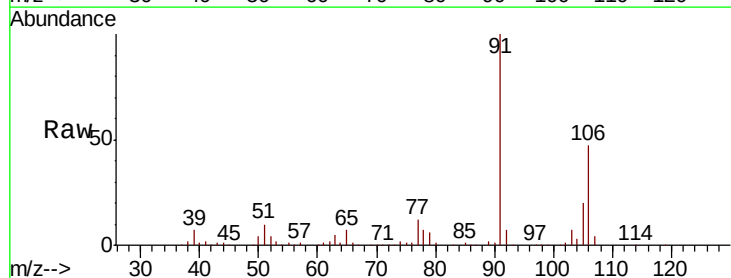
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR

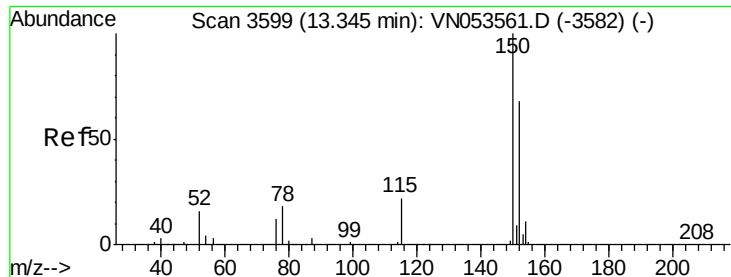
Tot Ion:106 Resp: 236315
Ion Ratio Lower Upper
106 100
91 203.0 161.4 242.2



#69
o-Xylene
Concen: 7.241 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

Tgt Ion:106 Resp: 105895
Ion Ratio Lower Upper
106 100
91 213.5 106.9 320.8



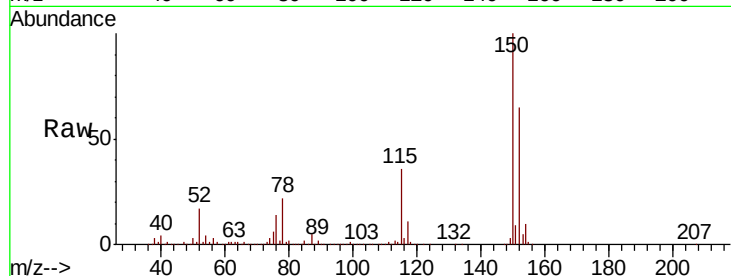


#72

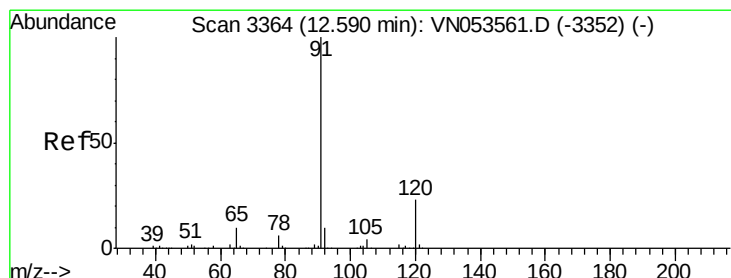
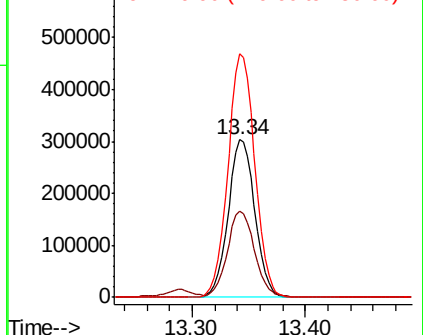
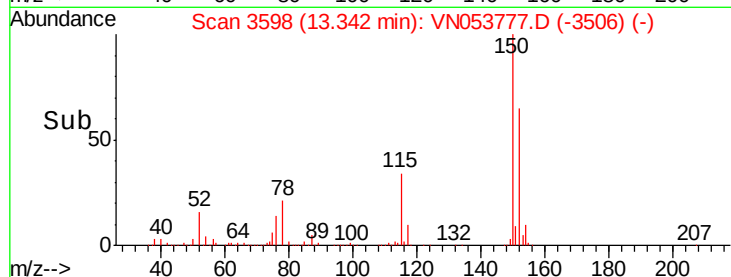
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR

Tot Ion:152 Resp: 496636
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 155.5 0.0 349.0



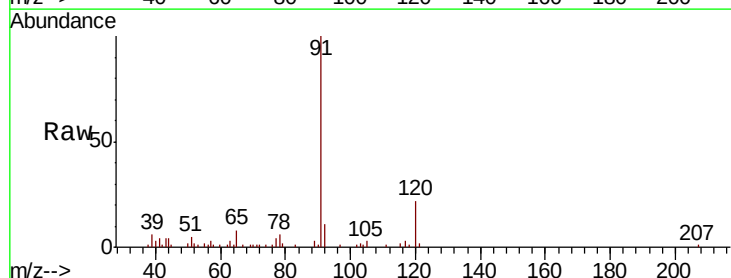
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



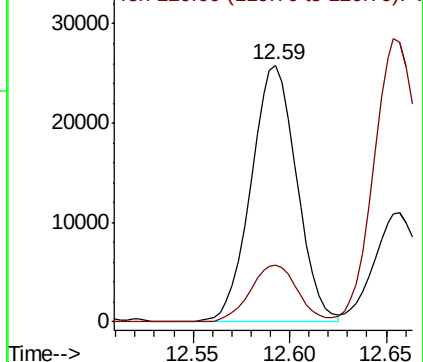
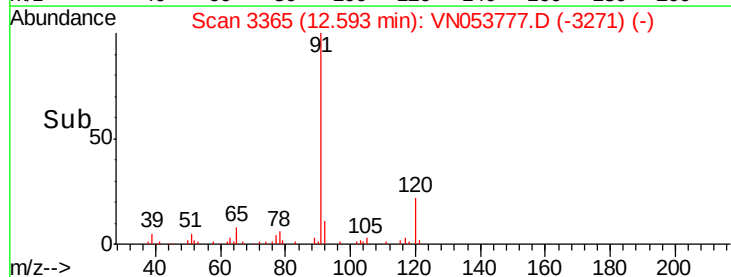
#78

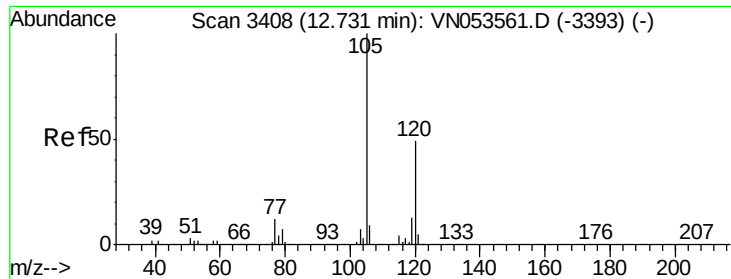
n-propylbenzene
Concen: 1.054 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

Tgt Ion: 91 Resp: 42553
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 2.362 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053777.D

Acq: 14 Feb 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

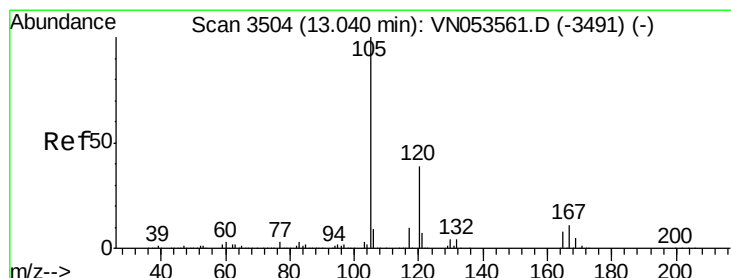
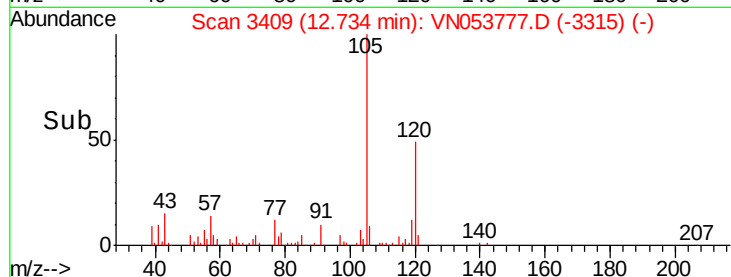
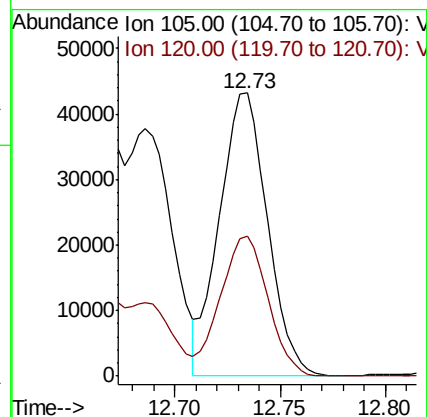
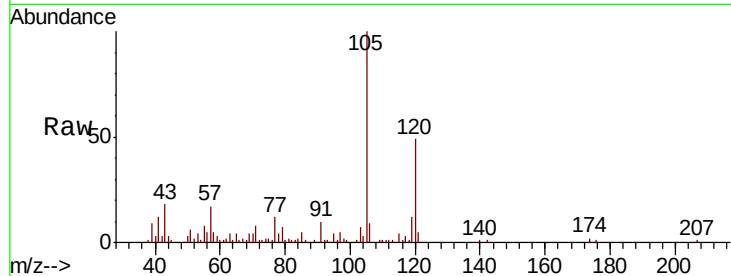
OIL-WATER-SEPARATOR

Tot Ion:105 Resp: 68394

Ion Ratio Lower Upper

105 100

120 48.8 24.9 74.6



#84

1,2,4-Trimethylbenzene

Concen: 8.247 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053777.D

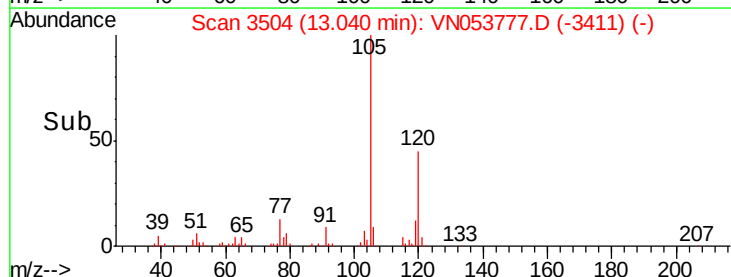
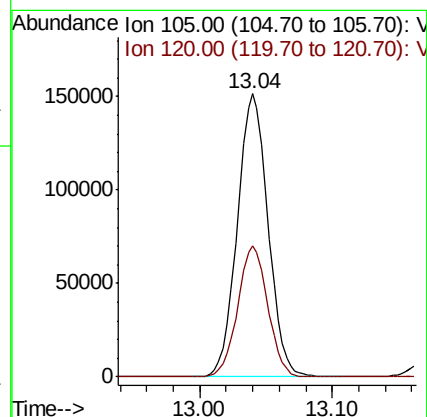
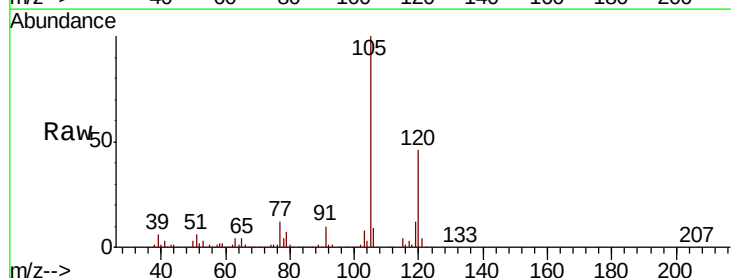
Acq: 14 Feb 2019 14:15

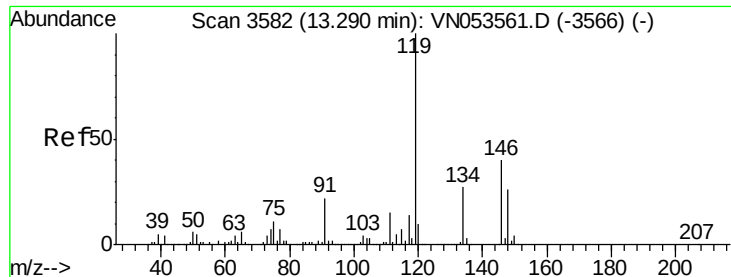
Tgt Ion:105 Resp: 243240

Ion Ratio Lower Upper

105 100

120 45.2 23.0 69.0

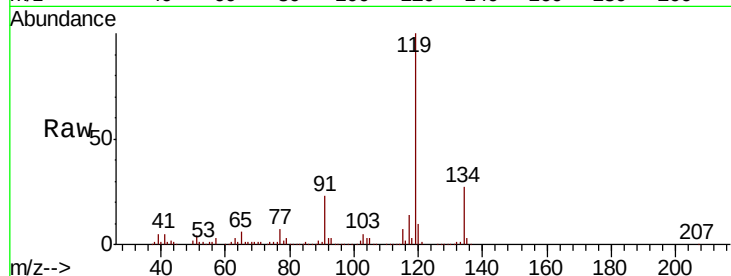




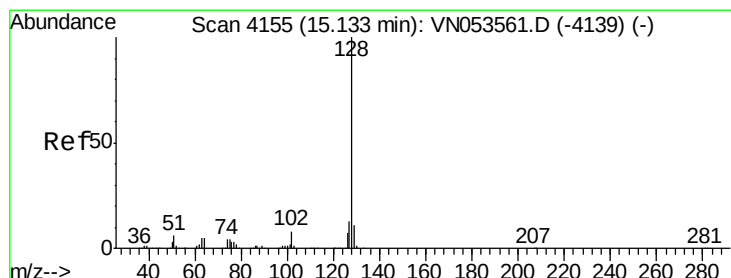
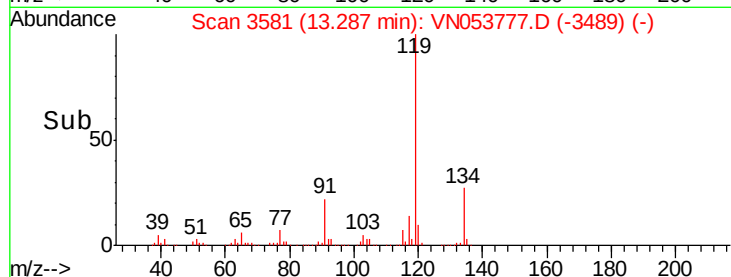
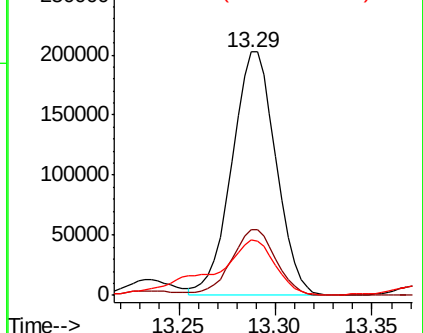
#86
p-Isopropyltoluene
Concen: 10.518 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR

Tot Ion:119 Resp: 320302
Ion Ratio Lower Upper
119 100
134 27.1 13.5 40.4
91 31.9 11.0 33.0

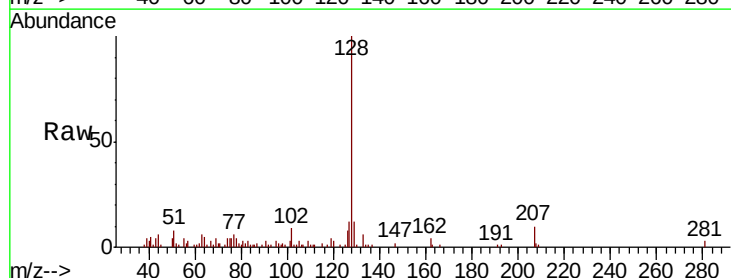


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 3.441 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053777.D
Acq: 14 Feb 2019 14:15

Tgt Ion:128 Resp: 38533
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 13.2 8.6 13.0#



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

