

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052513.D
 Acq On : 28 Nov 2018 12:17
 Operator : MD\SY
 Sample : J6055-02ME
 Misc : 4.03g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RICH-REC-ROAD-STONE-7ME

Quant Time: Nov 29 00:29:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

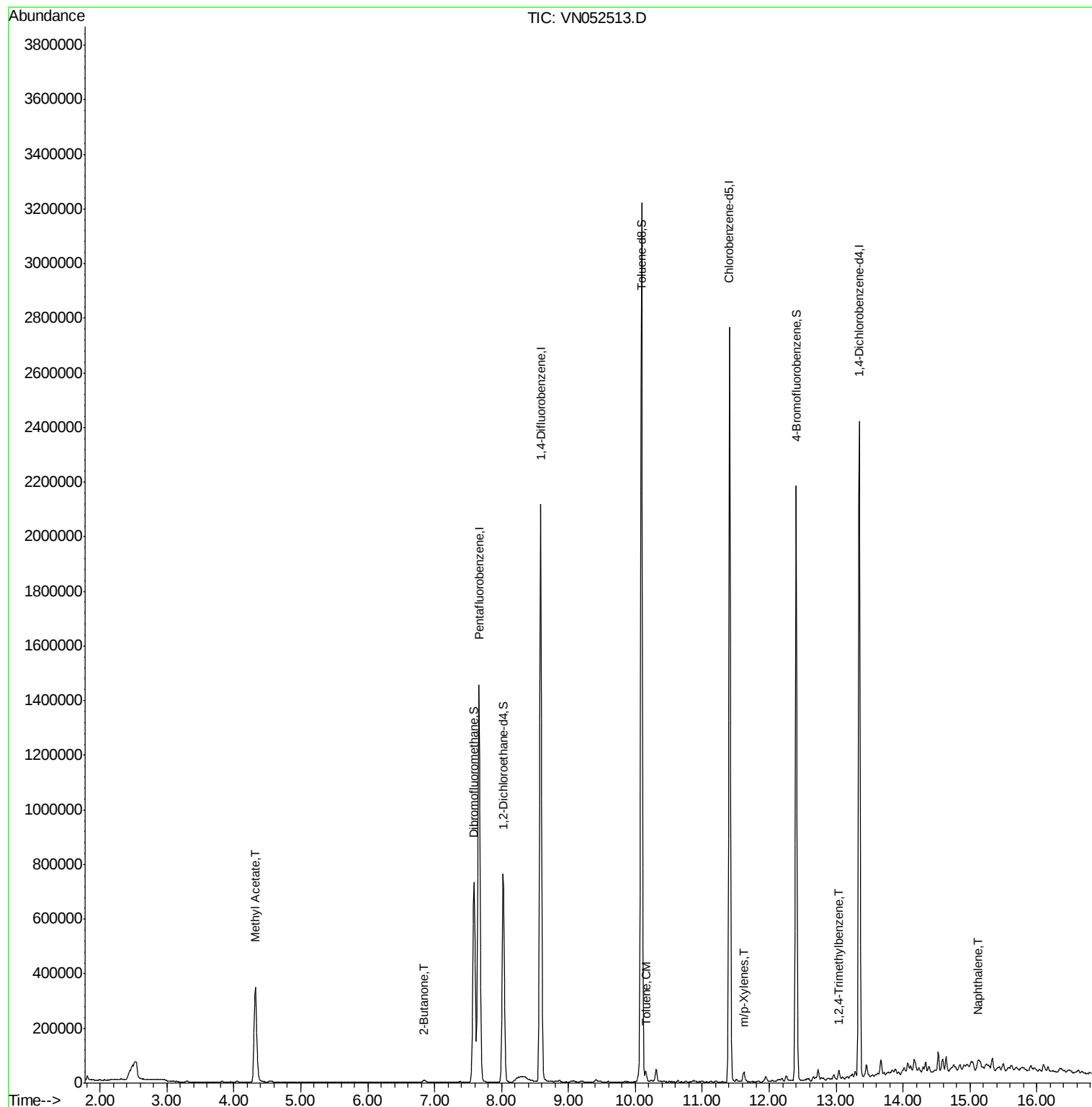
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1274578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1916049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1646816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	677846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	635767	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.59	113	571764	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	10.09	98	2314208	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	762246	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
Target Compounds						
18) Methyl Acetate	4.32	43	668933	63.709	ug/l	100
25) 2-Butanone	6.84	43	10828	2.087	ug/l #	87
52) Toluene	10.16	92	13968	0.436	ug/l	99
68) m/p-Xylenes	11.62	106	12072	0.545	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	19562	0.460	ug/l	99
95) Naphthalene	15.14	128	26509	4.396	ug/l	95

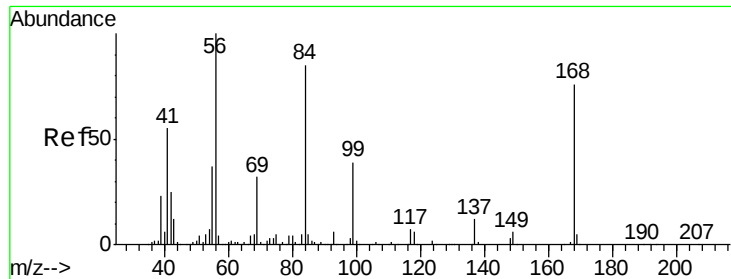
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052513.D

Acq: 28 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

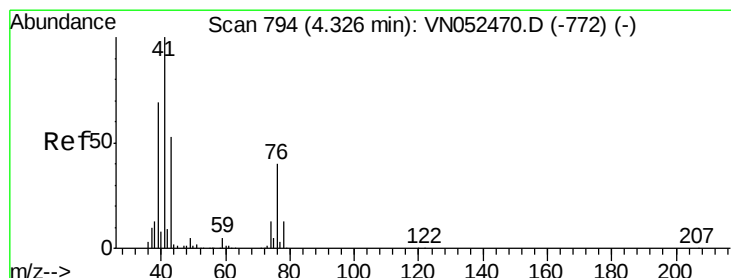
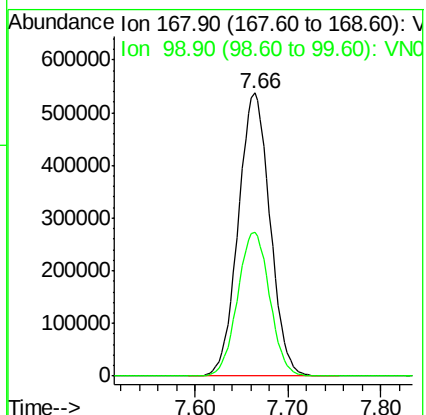
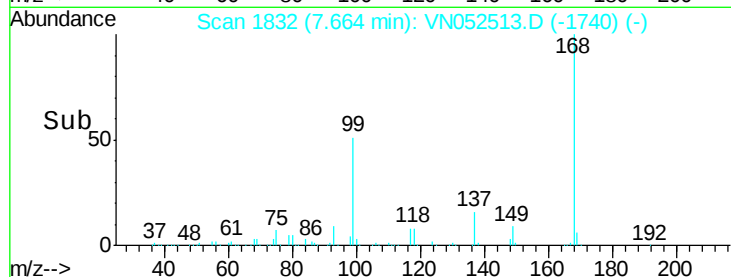
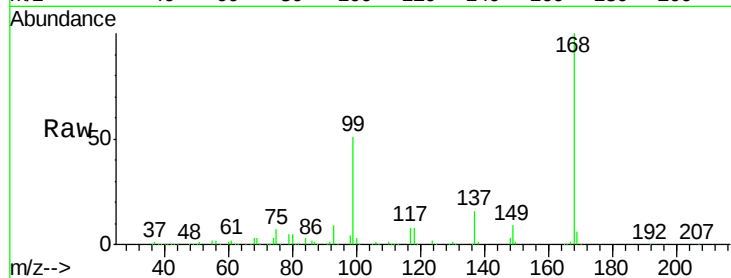
RICH-REC-ROAD-STONE-7ME

Tot Ion:168 Resp: 1274578

Ion Ratio Lower Upper

168 100

99 50.8 41.7 62.5



#18

Methyl Acetate

Concen: 63.709 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.01 min

Lab File: VN052513.D

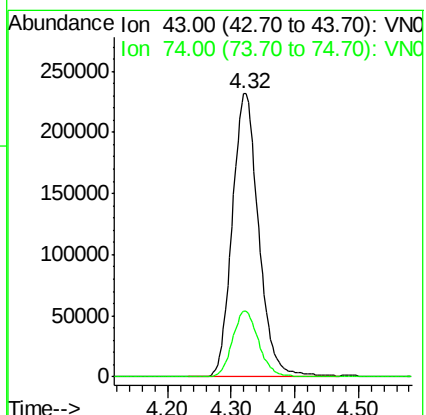
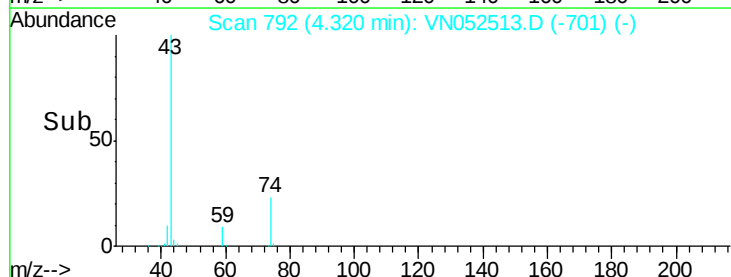
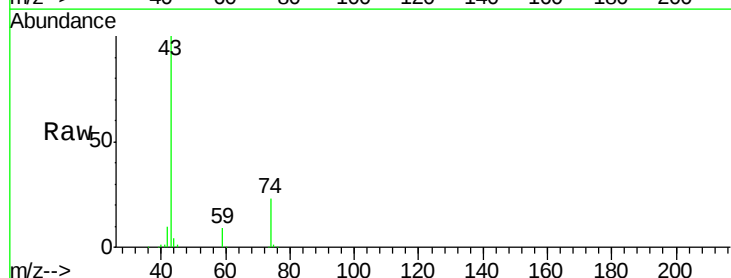
Acq: 28 Nov 2018 12:17

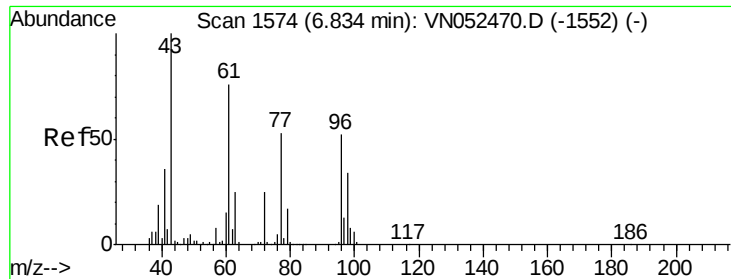
Tgt Ion: 43 Resp: 668933

Ion Ratio Lower Upper

43 100

74 23.1 18.6 27.8





#25

2-Butanone

Concen: 2.087 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN052513.D

Acq: 28 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

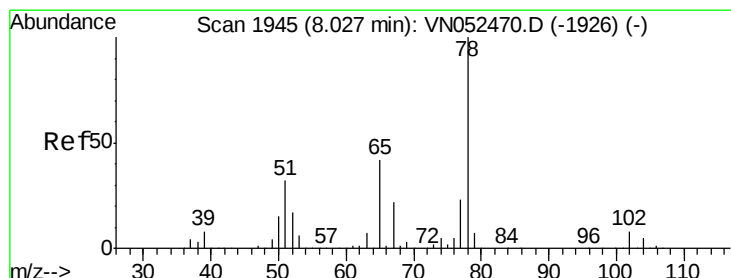
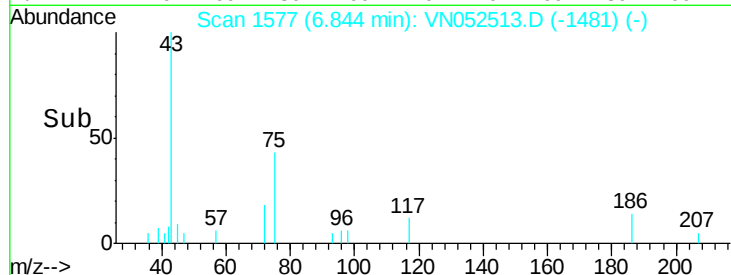
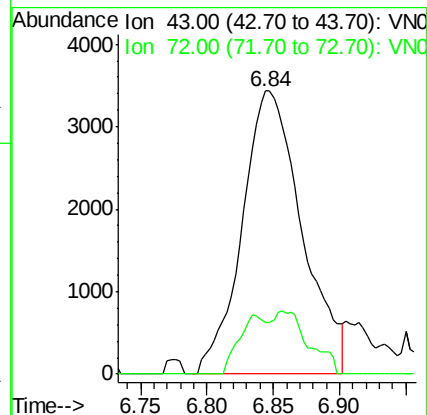
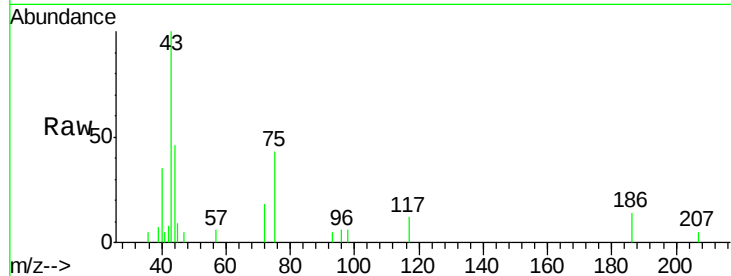
RICH-REC-ROAD-STONE-7ME

Tot Ion: 43 Resp: 10828

Ion Ratio Lower Upper

43 100

72 18.5 20.1 30.1#



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052513.D

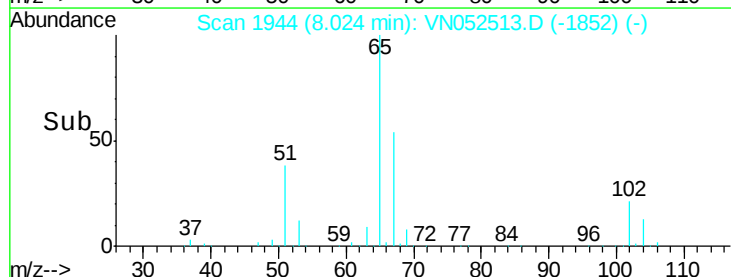
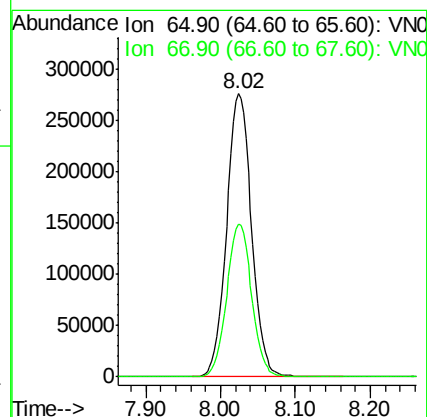
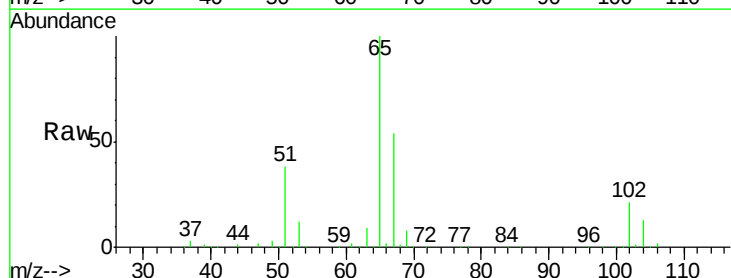
Acq: 28 Nov 2018 12:17

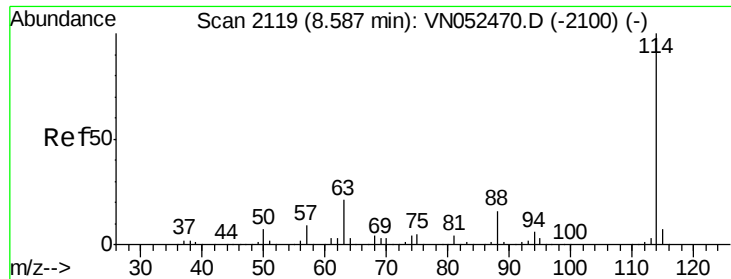
Tgt Ion: 65 Resp: 635767

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.8

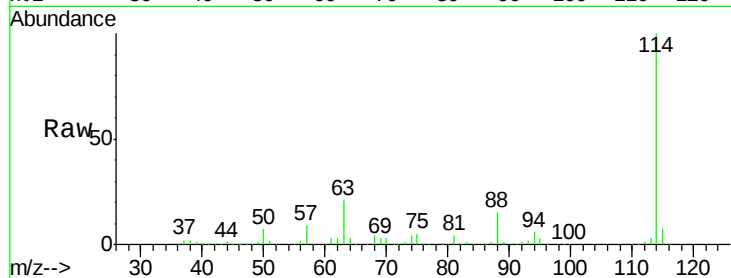




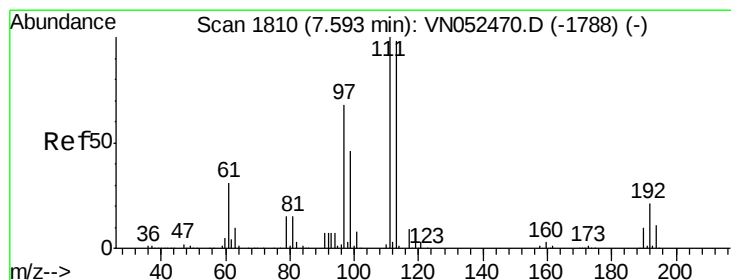
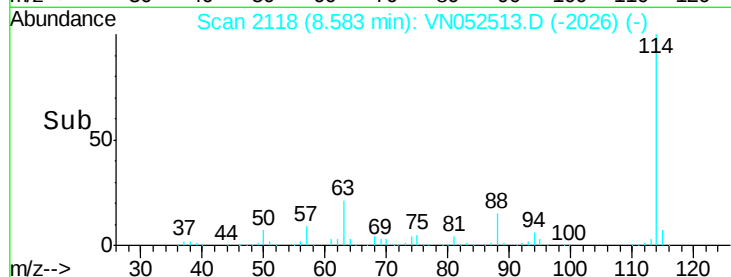
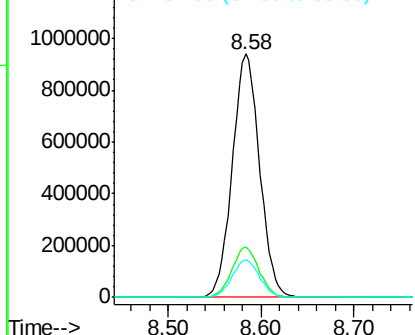
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052513.D
 Acq: 28 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 RICH-REC-ROAD-STONE-7ME

Tot Ion:114 Resp: 1916049
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.8
 88 15.5 0.0 31.6

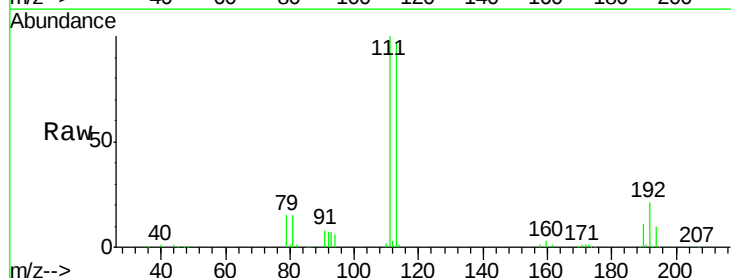


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

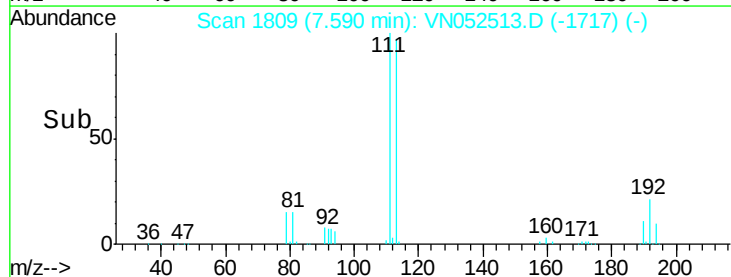
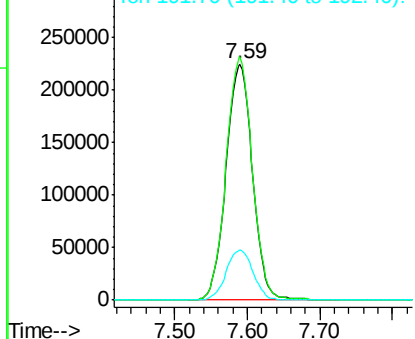


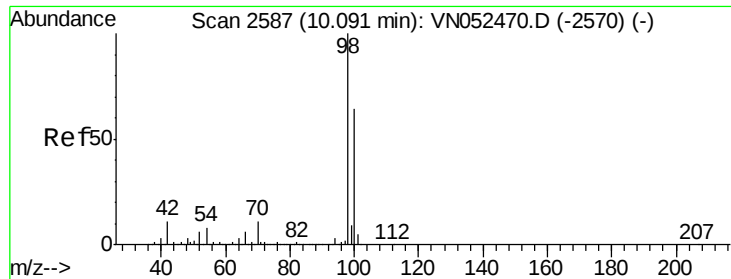
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052513.D
 Acq: 28 Nov 2018 12:17

Tgt Ion:113 Resp: 571764
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 21.7 17.0 25.6



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052513.D

Acq: 28 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

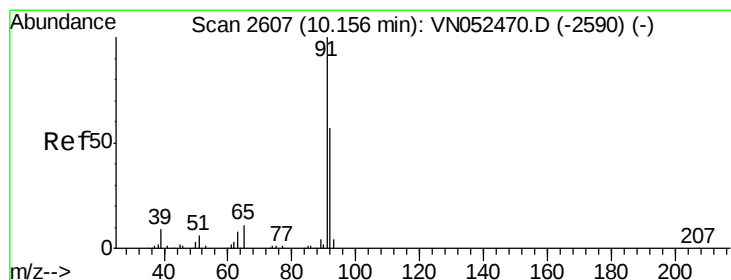
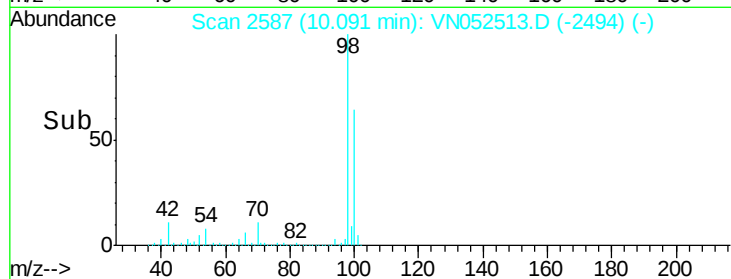
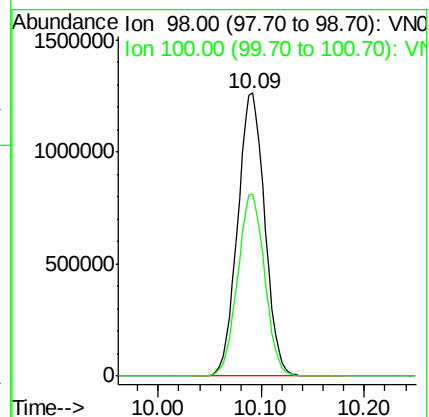
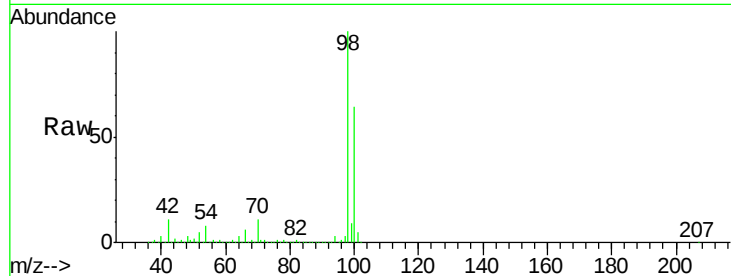
RICH-REC-ROAD-STONE-7ME

Tot Ion: 98 Resp: 2314208

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9



#52

Toluene

Concen: 0.436 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052513.D

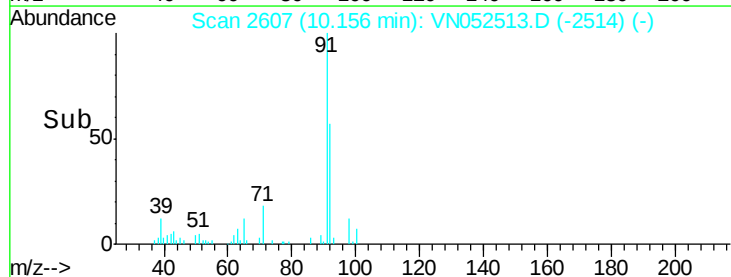
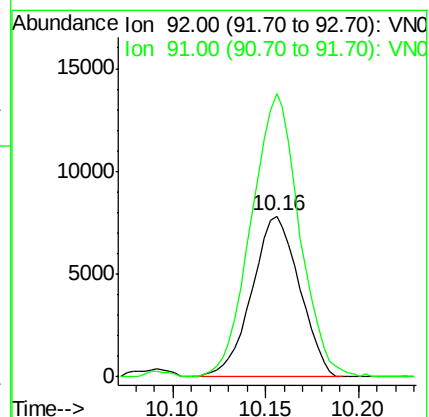
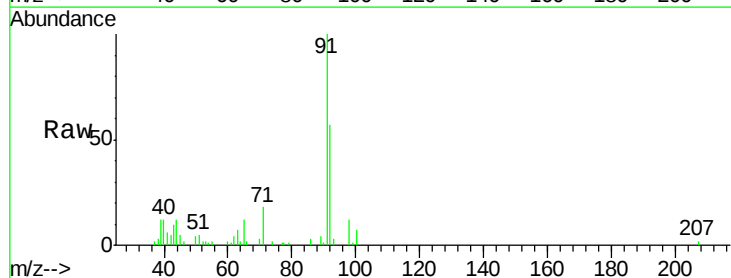
Acq: 28 Nov 2018 12:17

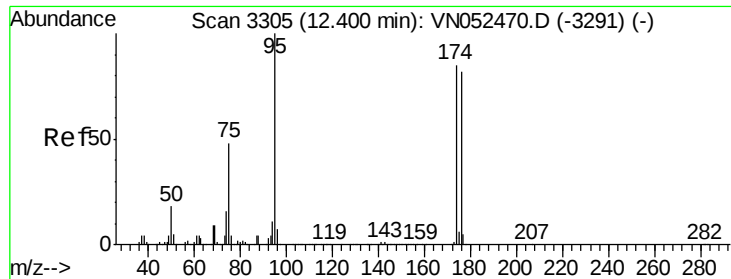
Tgt Ion: 92 Resp: 13968

Ion Ratio Lower Upper

92 100

91 177.7 141.0 211.4

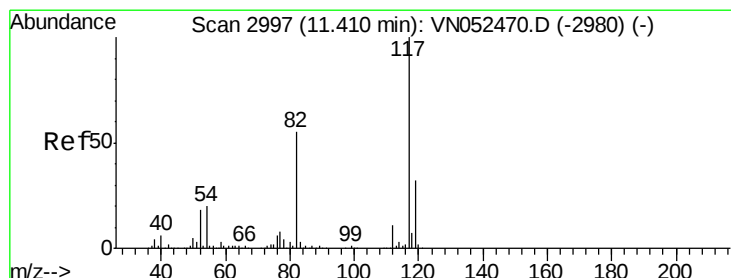
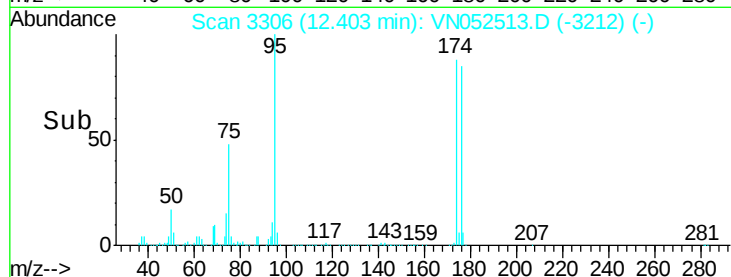
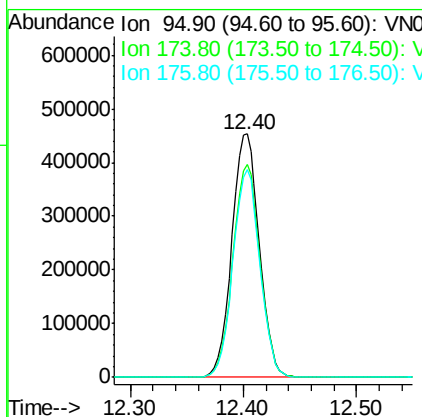
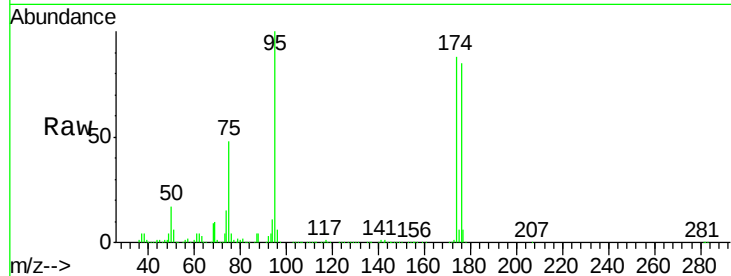




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052513.D
Acq: 28 Nov 2018 12:17

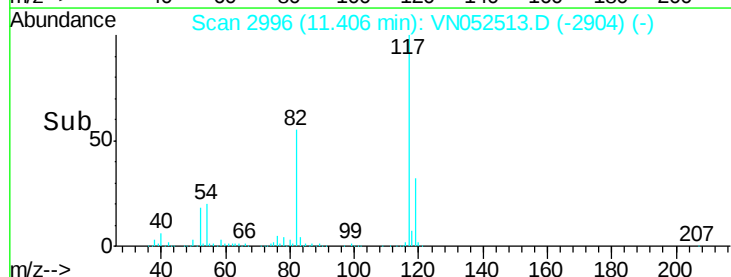
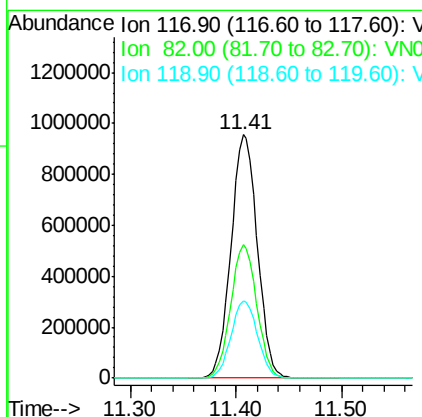
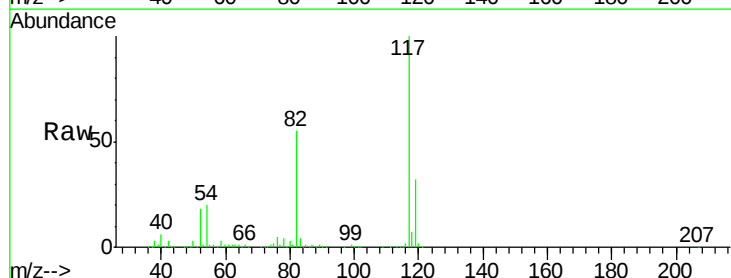
Instrument :
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RICH-REC-ROAD-STONE-7ME

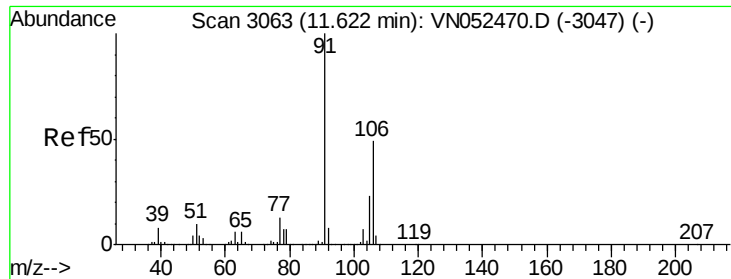
Tot Ion: 95 Resp: 762246
Ion Ratio Lower Upper
95 100
174 86.8 0.0 173.0
176 83.7 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052513.D
Acq: 28 Nov 2018 12:17

Tgt Ion: 117 Resp: 1646816
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 31.8 25.4 38.2





#68

m/p-Xvlenes

Concen: 0.545 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052513.D

Acq: 28 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

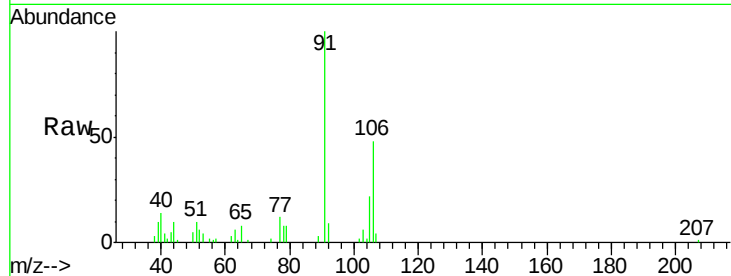
RICH-REC-ROAD-STONE-7ME

Tot Ion:106 Resp: 12072

Ion Ratio Lower Upper

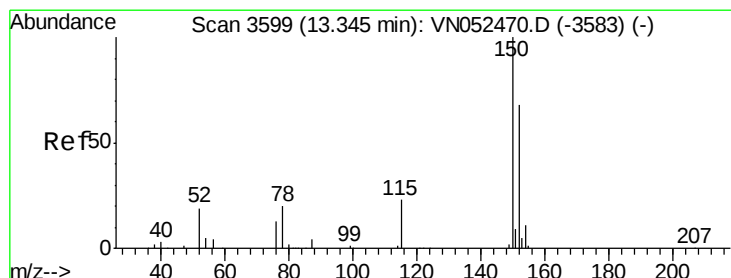
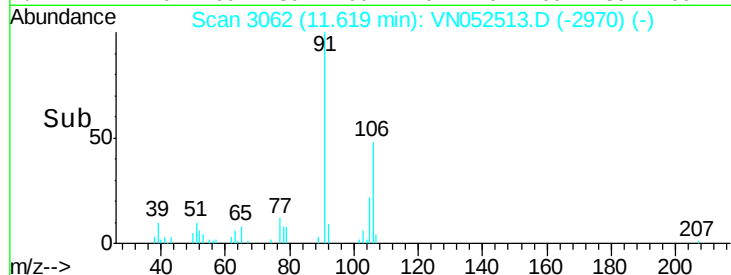
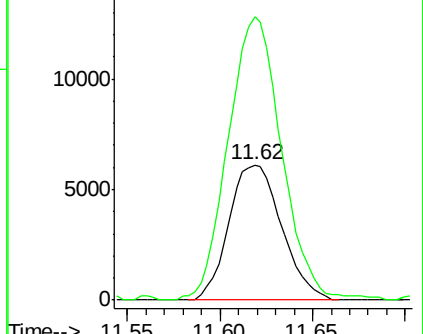
106 100

91 212.8 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052513.D

Acq: 28 Nov 2018 12:17

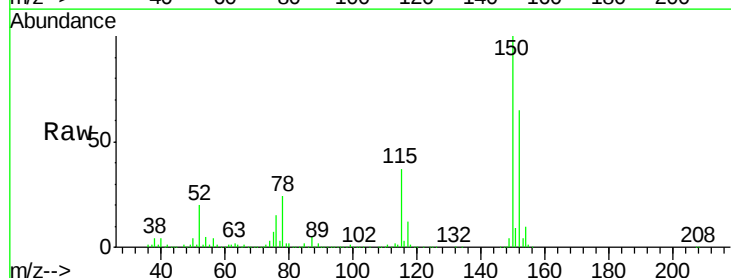
Tgt Ion:152 Resp: 677846

Ion Ratio Lower Upper

152 100

115 57.4 28.4 85.2

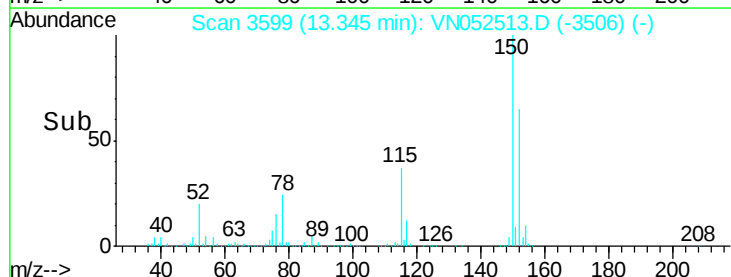
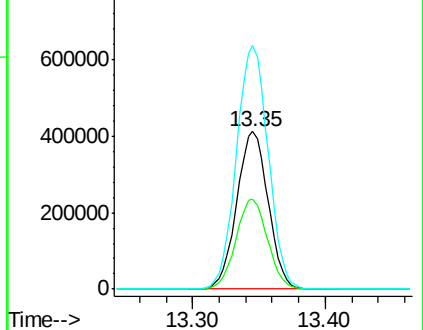
150 156.4 0.0 346.0

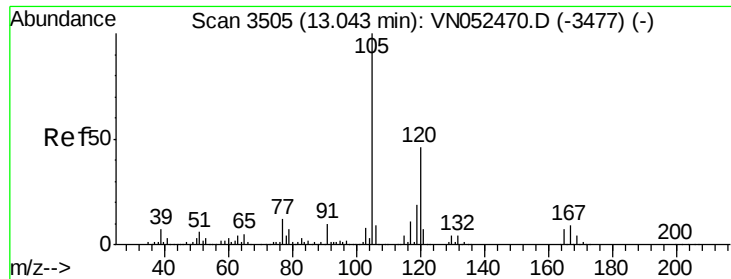


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

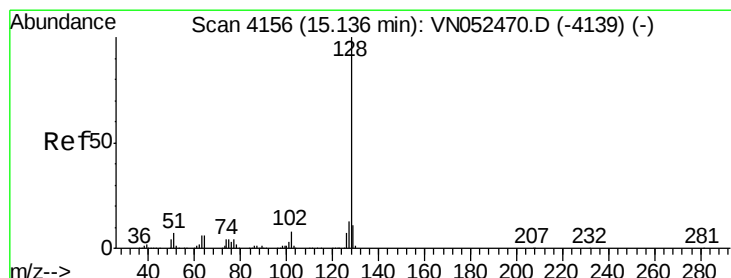
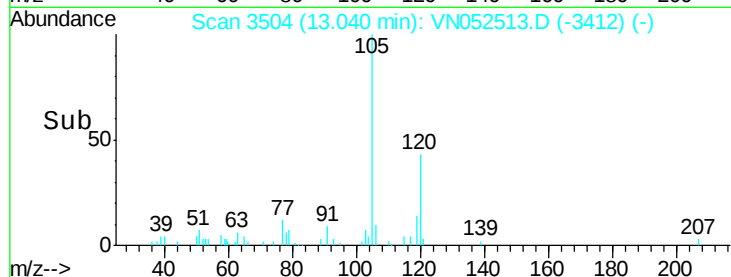
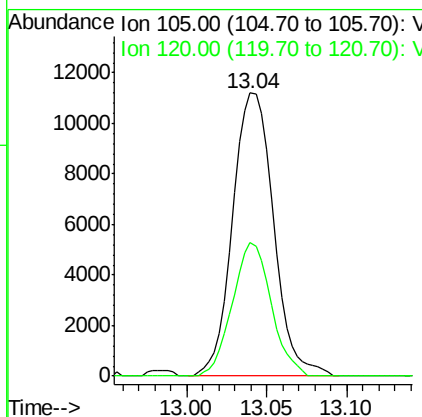
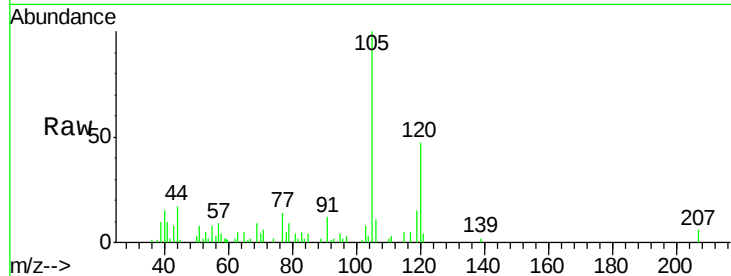




#84
 1,2,4-Trimethylbenzene
 Concen: 0.460 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052513.D
 Acq: 28 Nov 2018 12:17

Instrument :
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 RICH-REC-ROAD-STONE-7ME

Tot Ion:105 Resp: 19562
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.8 68.4



#95
 Naphthalene
 Concen: 4.396 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN052513.D
 Acq: 28 Nov 2018 12:17

Tgt Ion:128 Resp: 26509
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.2 15.2
 129 13.0 8.7 13.1

