

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050283.D
 Acq On : 3 Aug 2018 00:04
 Operator : MD\SY
 Sample : J4260-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TS-LINER-RO-135

Quant Time: Aug 03 02:21:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	663267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1095866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	924179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	339189	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	467193	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	420203	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	1484585	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	12.40	95	407663	37.64	ug/l	0.00
Spiked Amount			Recovery	=	75.28%	

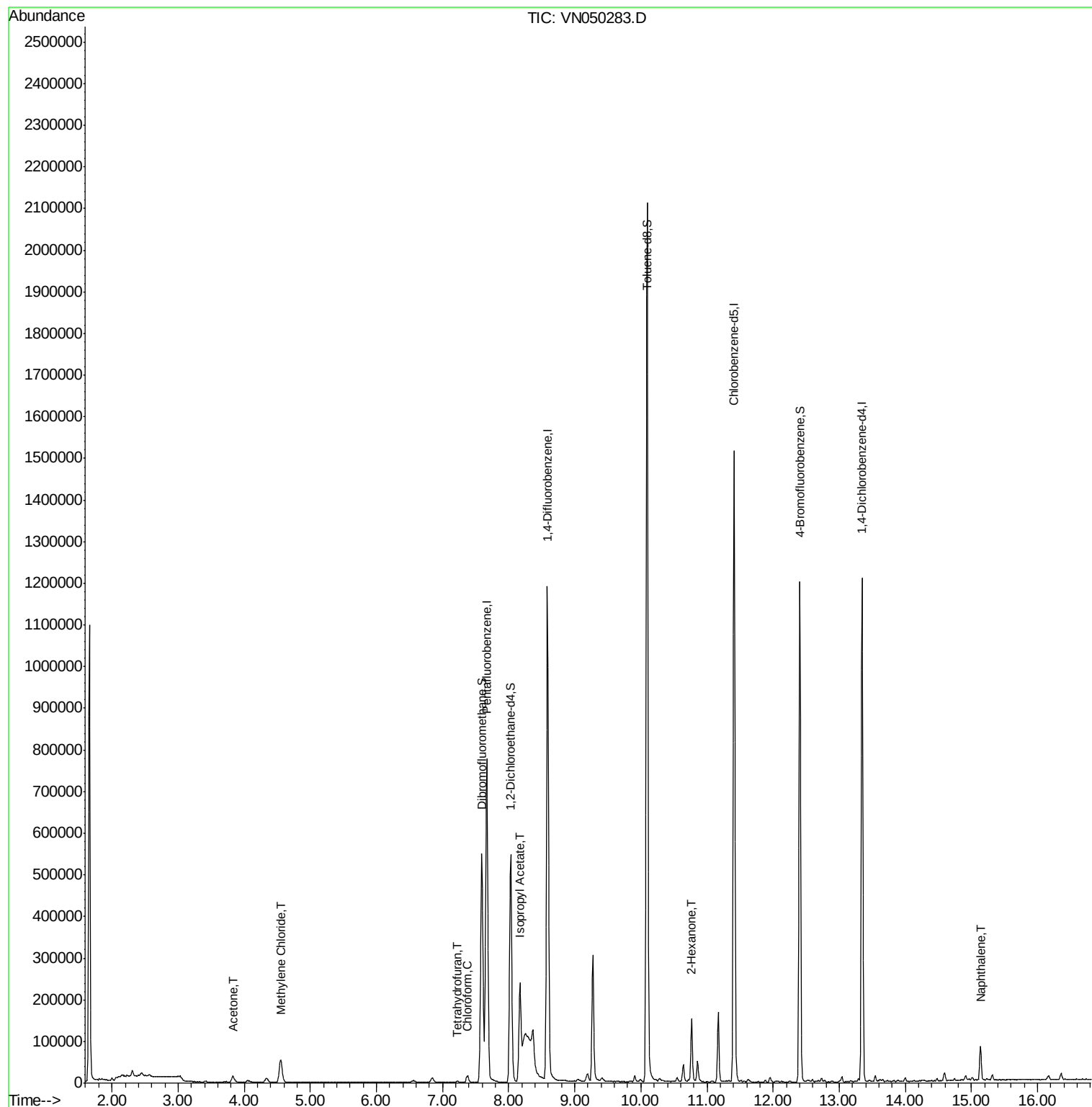
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	26591	7.995	ug/l	94
20) Methylene Chloride	4.55	84	43609	4.165	ug/l	93
29) Tetrahydrofuran	7.23	42	3098	1.358	ug/l #	65
30) Chloroform	7.37	83	17376	1.108	ug/l	95
43) Isopropyl Acetate	8.17	43	294387	17.405	ug/l	96
59) 2-Hexanone	10.76	43	24466	9.027	ug/l	64
95) Naphthalene	15.14	128	72418	8.677	ug/l	97

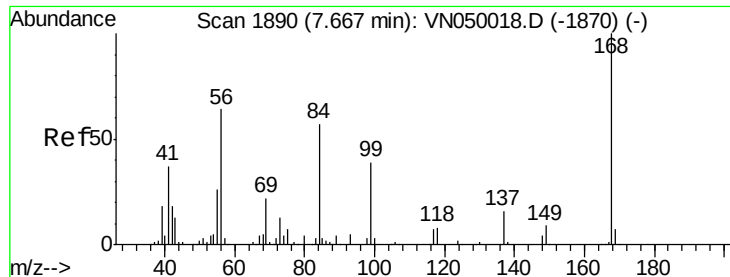
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

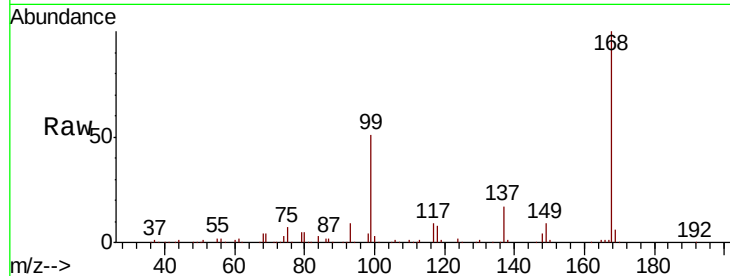
Instrument :
MSVOA_N
ClientSampleId :
TS-LINER-RO-135

Tot Ion:168 Resp: 663267

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

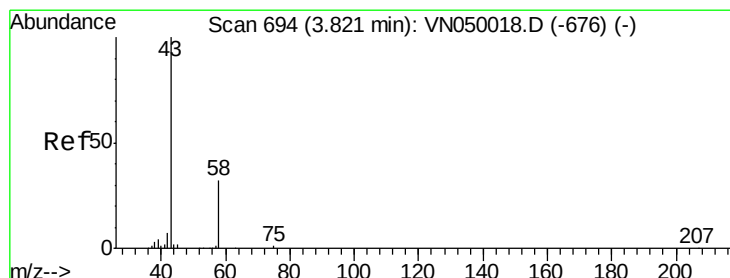
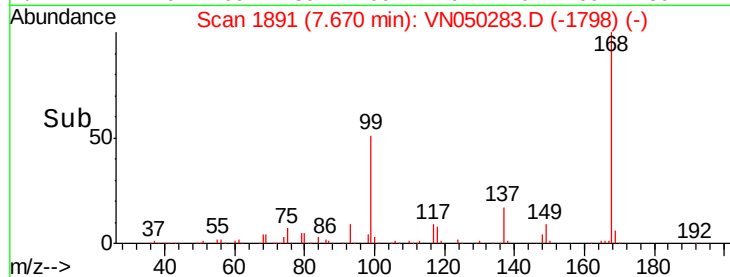
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.995 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050283.D

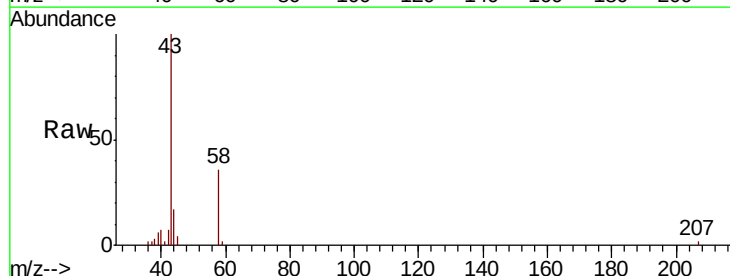
Acq: 3 Aug 2018 00:04

Tgt Ion: 43 Resp: 26591

Ion Ratio Lower Upper

43 100

58 35.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

10000

8000

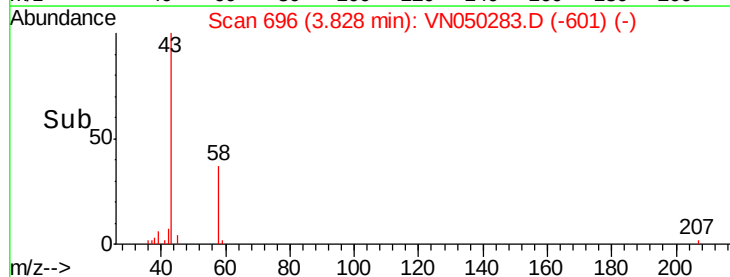
6000

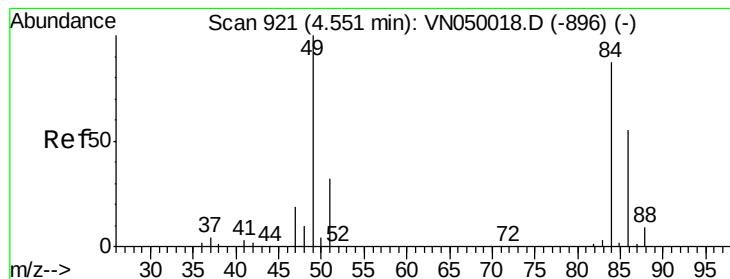
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 4.165 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

Tot Ion: 84 Resp: 43609

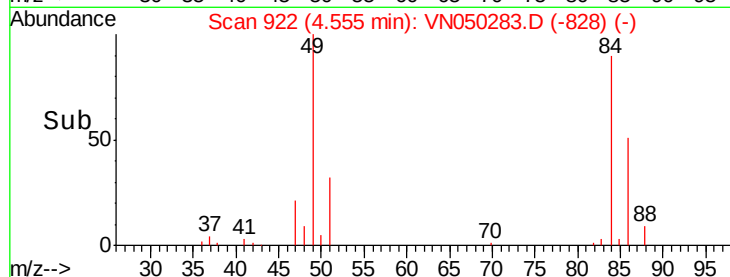
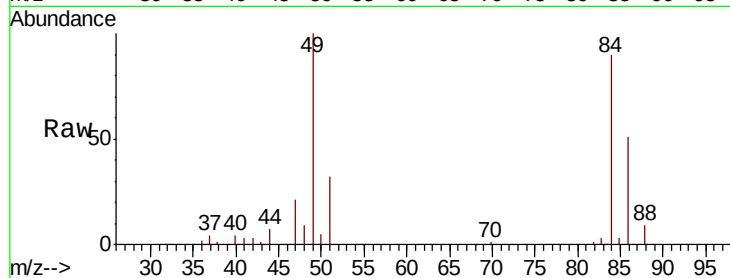
Ion Ratio Lower Upper

84 100

49 109.8 94.8 142.2

51 35.2 28.3 42.5

86 56.8 51.0 76.6

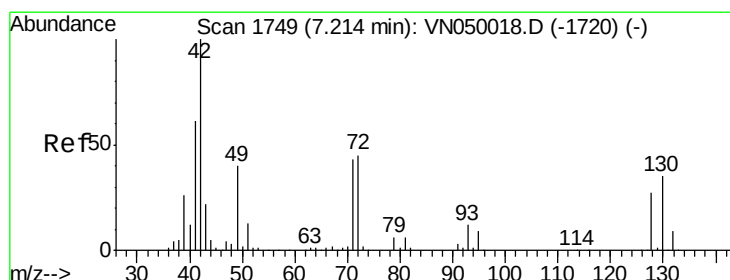
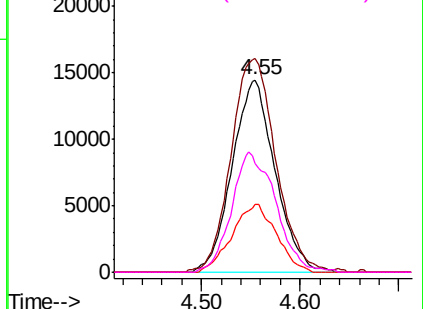


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#29

Tetrahydrofuran

Concen: 1.358 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

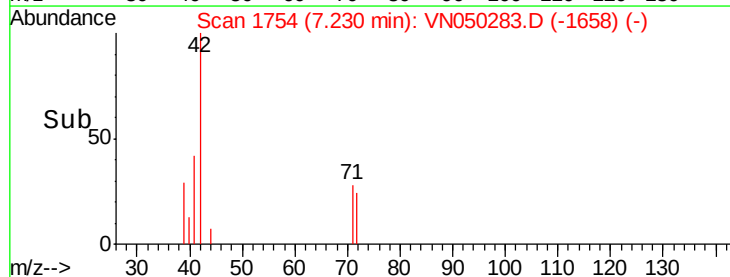
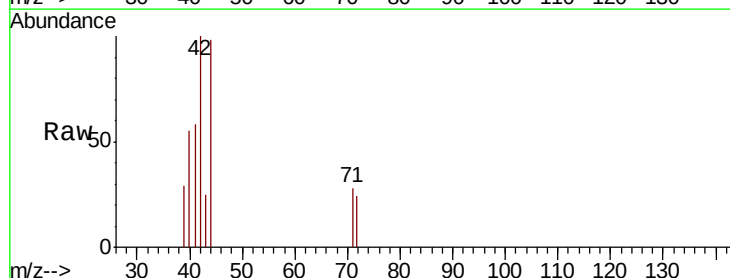
Tgt Ion: 42 Resp: 3098

Ion Ratio Lower Upper

42 100

72 28.5 35.9 53.9#

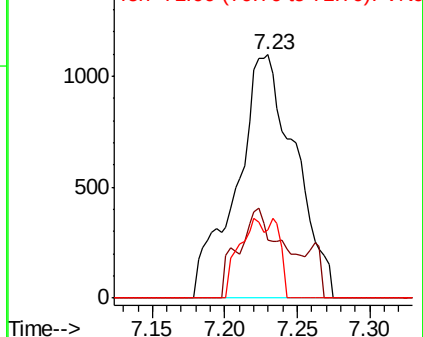
71 13.7 33.7 50.5#

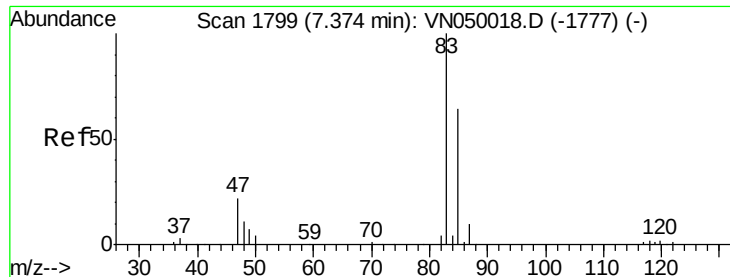


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

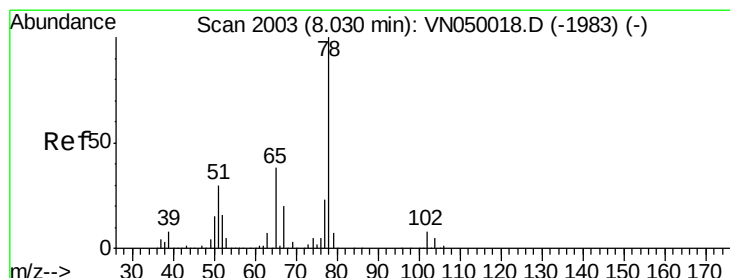
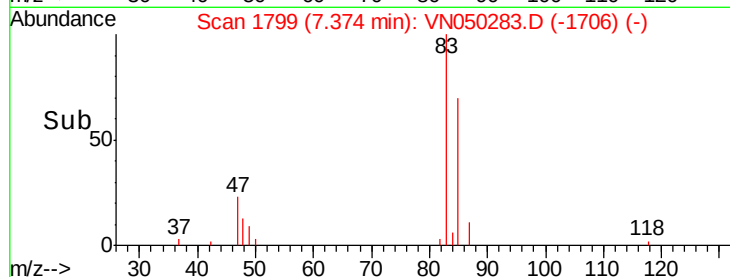
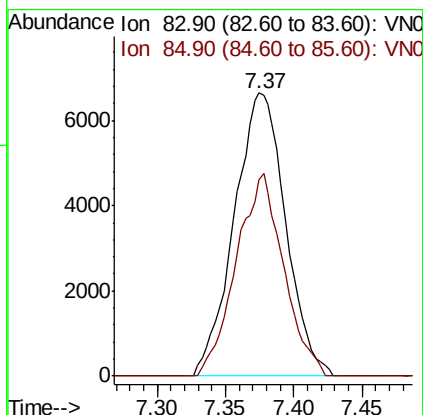
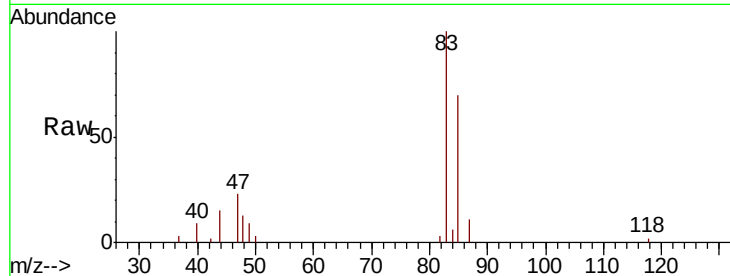




#30
Chloroform
Concen: 1.108 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

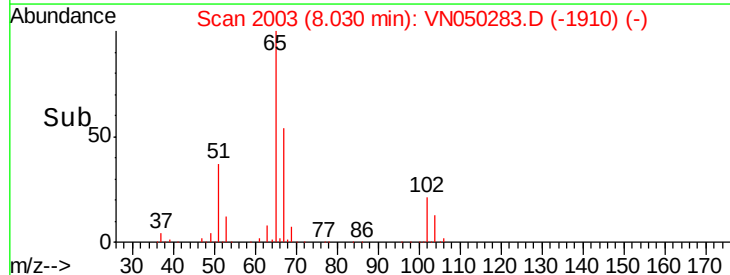
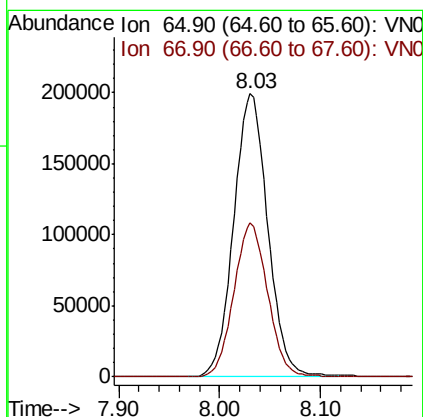
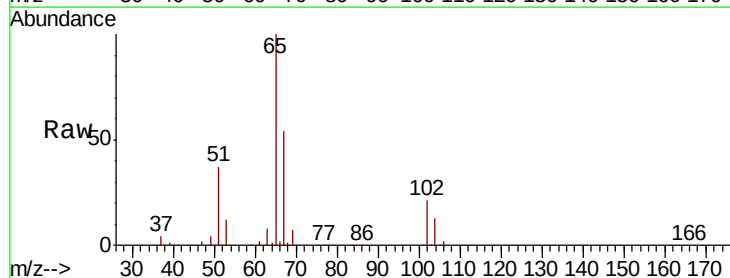
Instrument :
MSVOA_N
ClientSampleId :
TS-LINER-RO-135

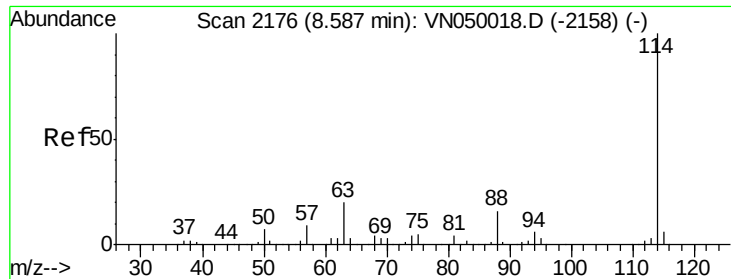
Tot Ion: 83 Resp: 17376
Ion Ratio Lower Upper
83 100
85 69.6 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 50.485 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

Tgt Ion: 65 Resp: 467193
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.4

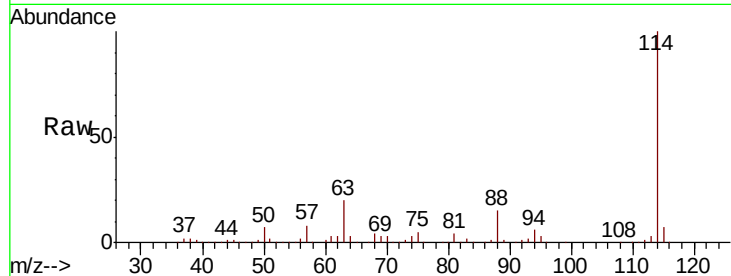




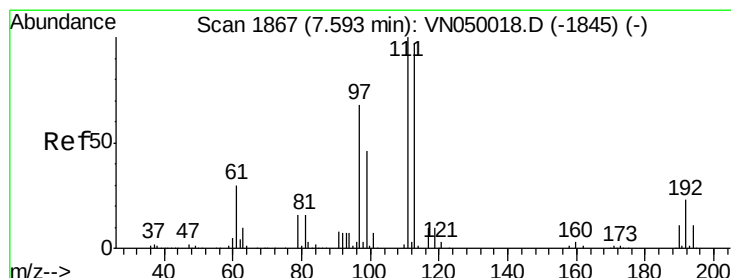
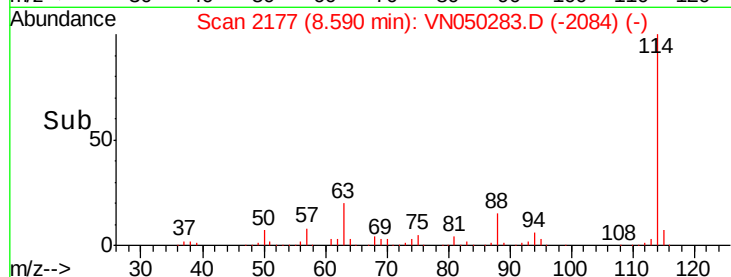
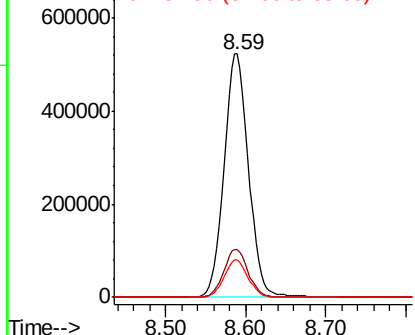
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TS-LINER-RO-135

Tot Ion:114 Resp: 1095866
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.3 0.0 31.2

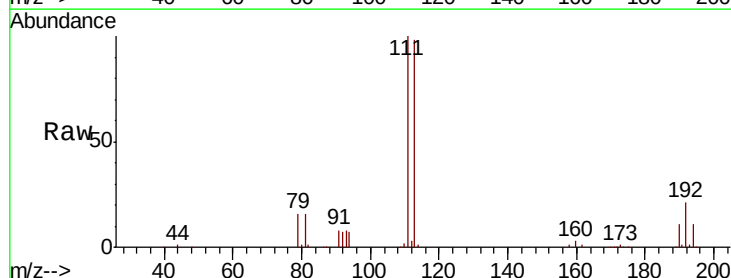


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

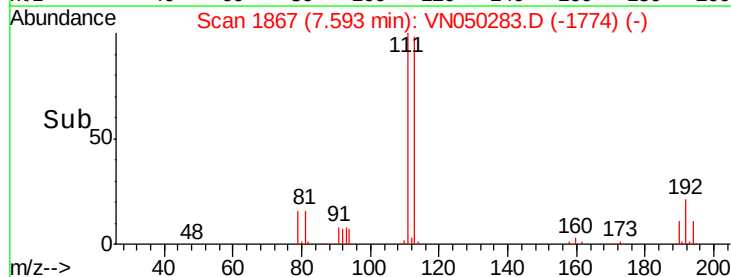
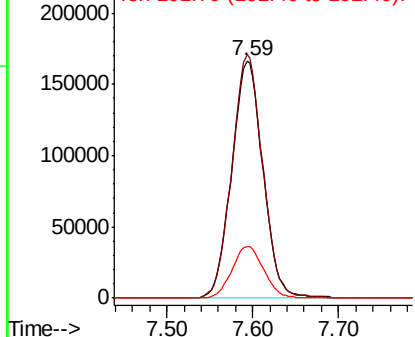


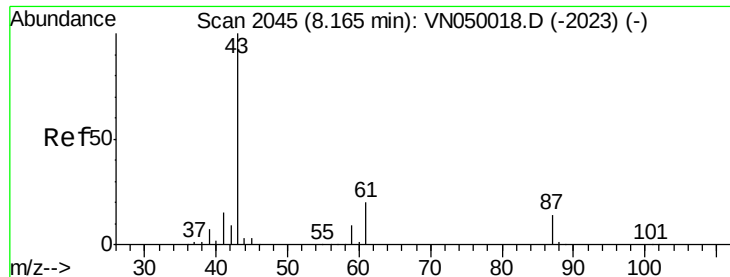
#35
 Dibromofluoromethane
 Concen: 46.963 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

Tgt Ion:113 Resp: 420203
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.7 121.1
 192 22.1 17.8 26.6



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: 17.405 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

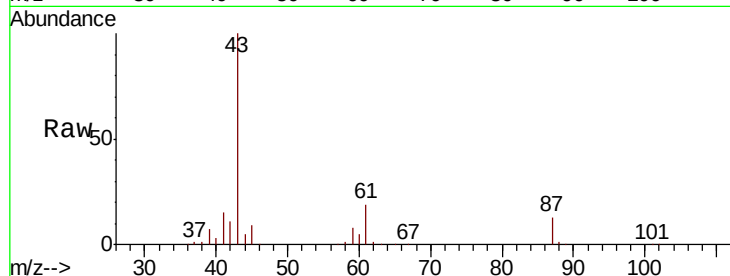
Tot Ion: 43 Resp: 294387

Ion Ratio Lower Upper

43 100

61 17.6 15.8 23.6

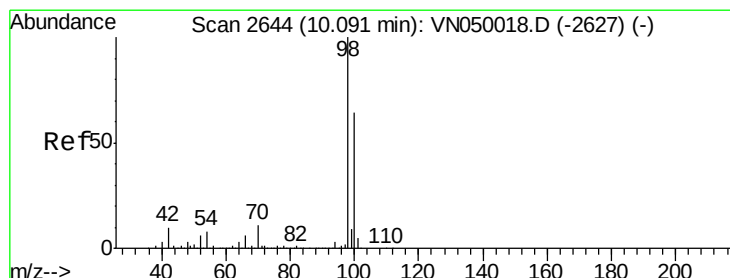
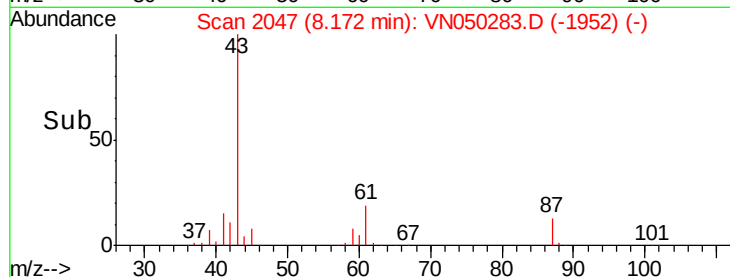
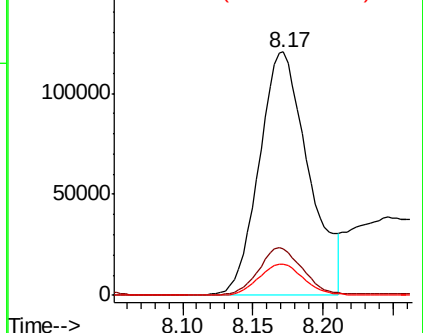
87 11.8 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.132 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050283.D

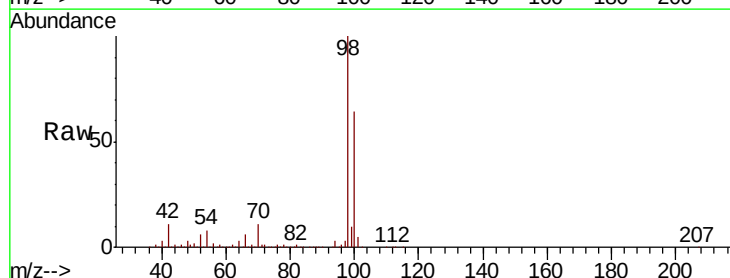
Acq: 3 Aug 2018 00:04

Tgt Ion: 98 Resp: 1484585

Ion Ratio Lower Upper

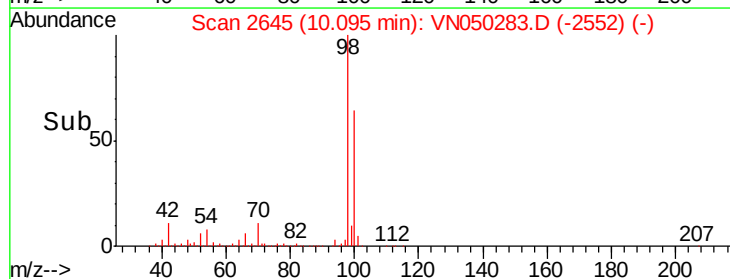
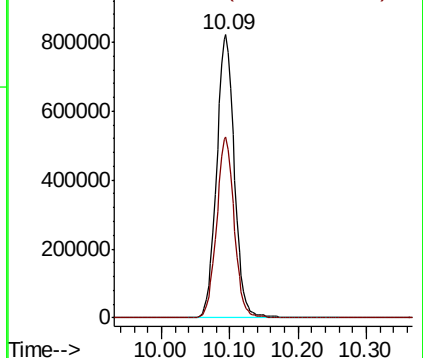
98 100

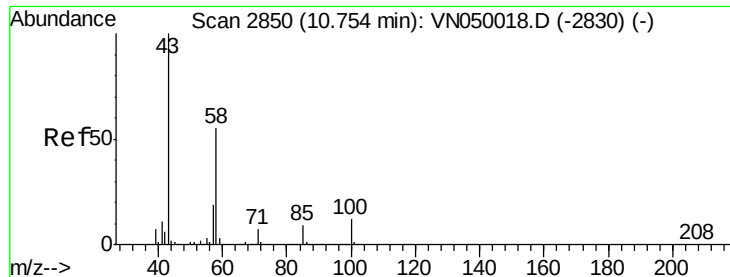
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 9.027 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

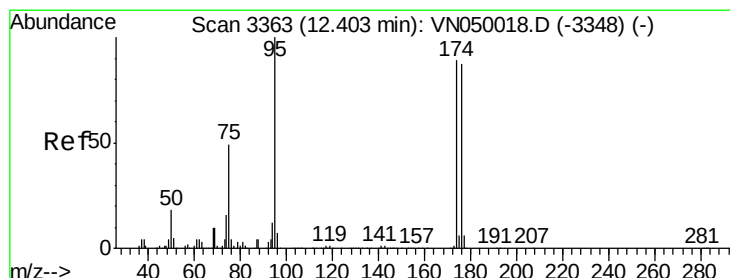
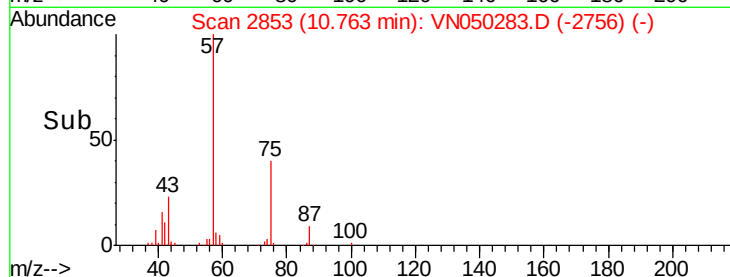
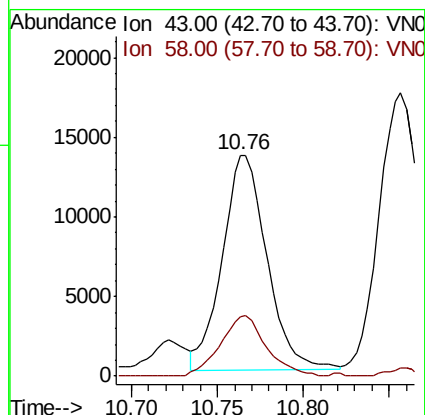
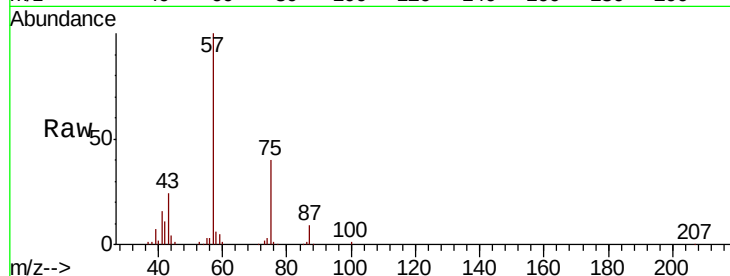
TS-LINER-RO-135

Tot Ion: 43 Resp: 24466

Ion Ratio Lower Upper

43 100

58 29.0 27.6 82.7



#62

4-Bromofluorobenzene

Concen: 37.637 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

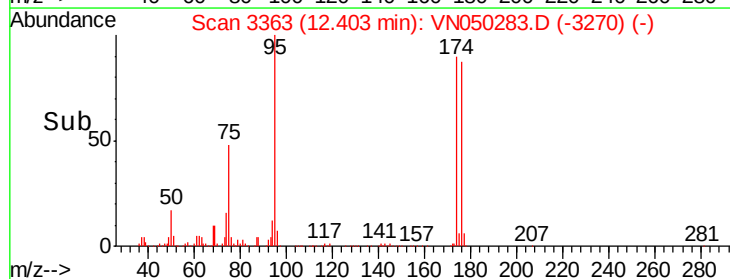
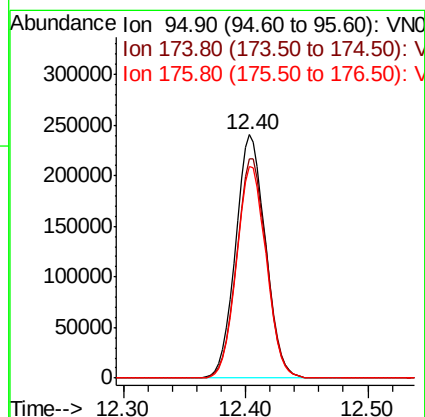
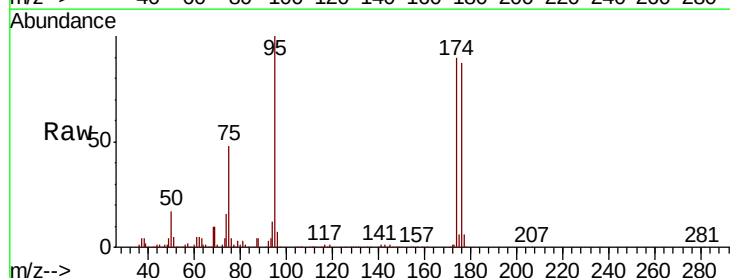
Tgt Ion: 95 Resp: 407663

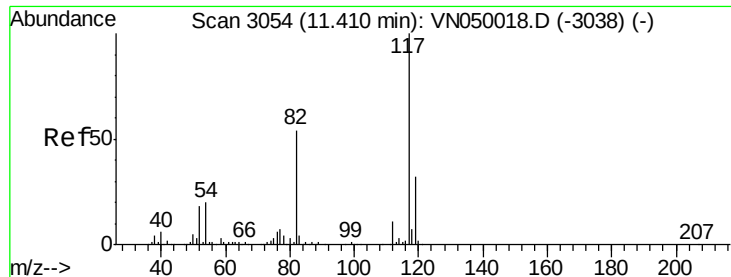
Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.2

176 86.7 0.0 173.4

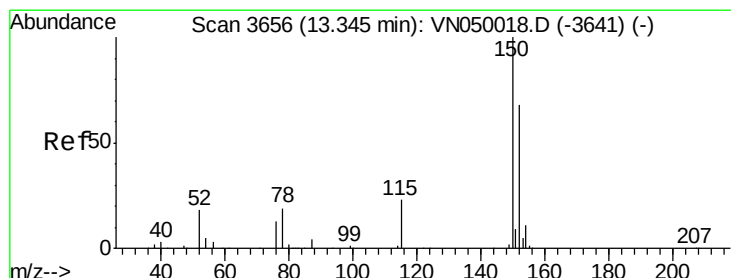
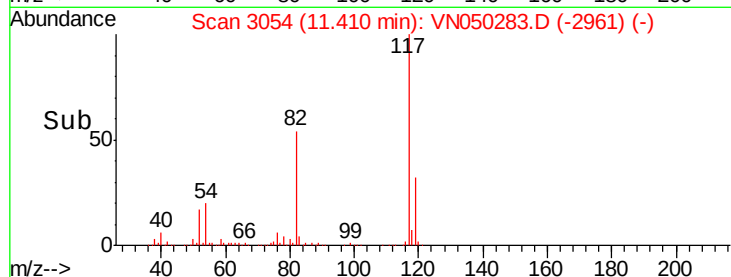
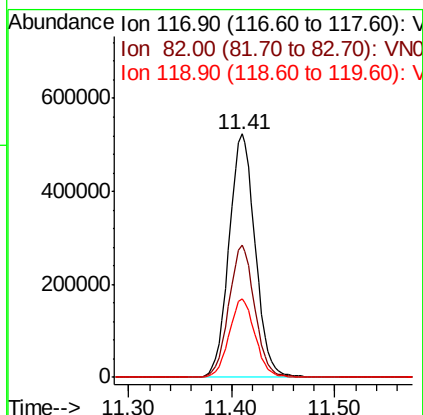
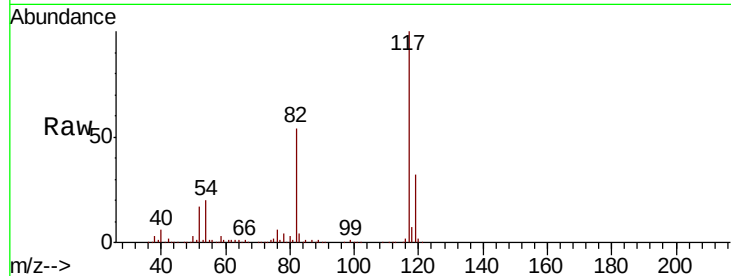




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

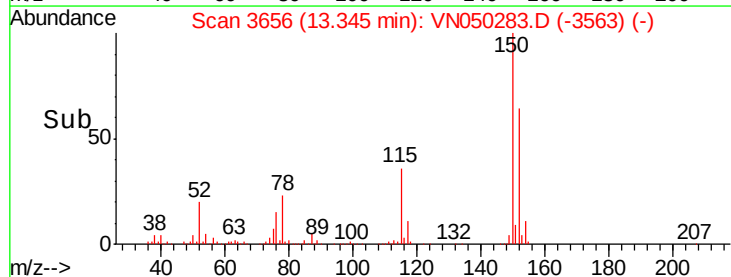
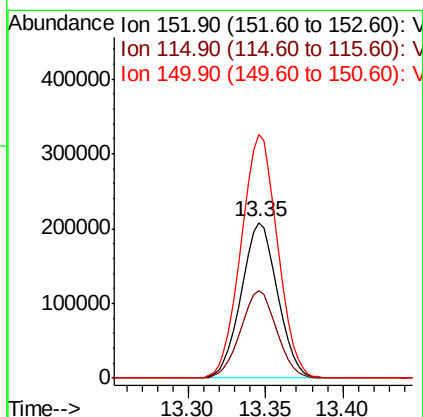
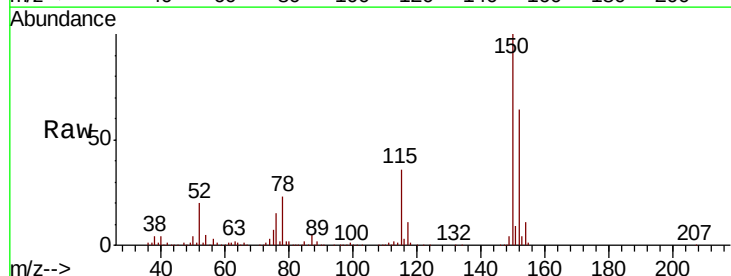
Instrument :
MSVOA_N
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TS-LINER-RO-135

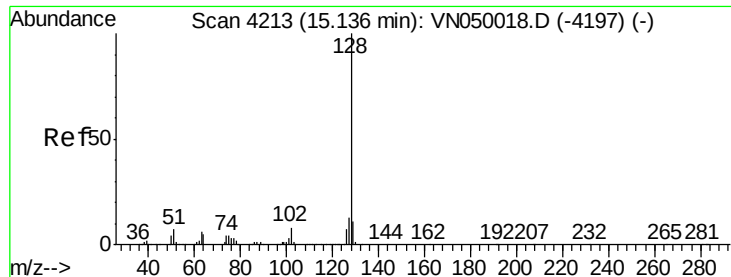
Tot Ion:117 Resp: 924179
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

Tgt Ion:152 Resp: 339189
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.3
150 157.6 0.0 348.6





#95
Naphthalene
Concen: 8.677 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

Instrument :
MSVOA_N
ClientSampleId :
TS-LINER-RO-135

Tot Ion:128 Resp: 72418
Ion Ratio Lower Upper
128 100
127 14.5 10.4 15.6
129 10.5 8.8 13.2

