

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050966.D
 Acq On : 30 Aug 2018 16:41
 Operator : MD\SY
 Sample : J4275-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-082918-A

Quant Time: Aug 31 05:13:09 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	983146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	800430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277877	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	392102	55.44	ug/l	0.00
Spiked Amount			Recovery	=	110.88%	
35) Dibromofluoromethane	7.59	113	372898	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
50) Toluene-d8	10.09	98	1310089	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
62) 4-Bromofluorobenzene	12.40	95	341685	35.16	ug/l	0.00
Spiked Amount			Recovery	=	70.32%	

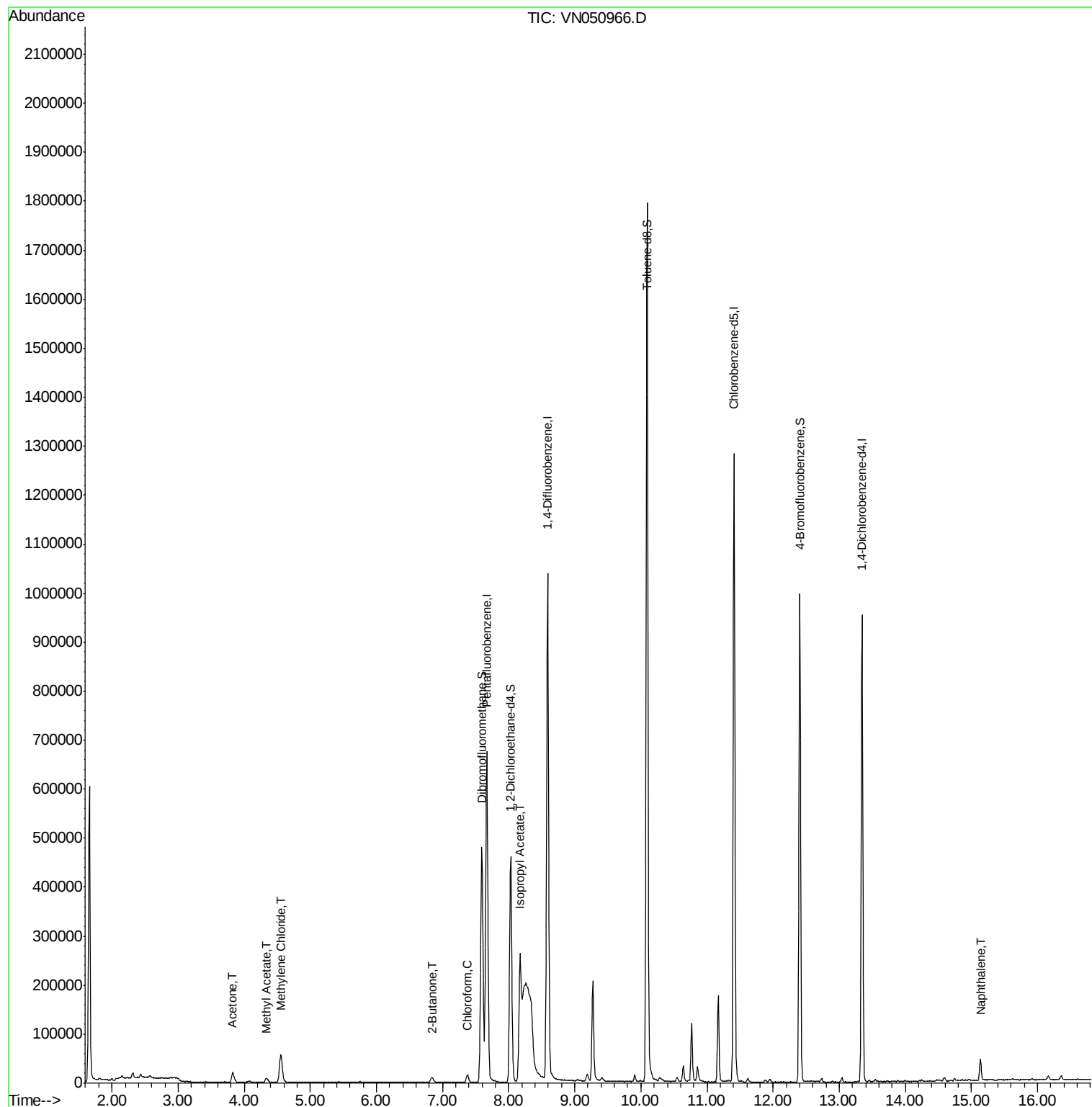
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	34331	13.83	ug/l	96
18) Methyl Acetate	4.34	43	18462	2.76	ug/l	91
20) Methylene Chloride	4.55	84	45910	5.76	ug/l	96
25) 2-Butanone	6.85	43	7819	2.74	ug/l	90
30) Chloroform	7.38	83	17852	1.37	ug/l	92
43) Isopropyl Acetate	8.17	43	326961	28.53	ug/l #	90
95) Naphthalene	15.14	128	38231	8.47	ug/l	98

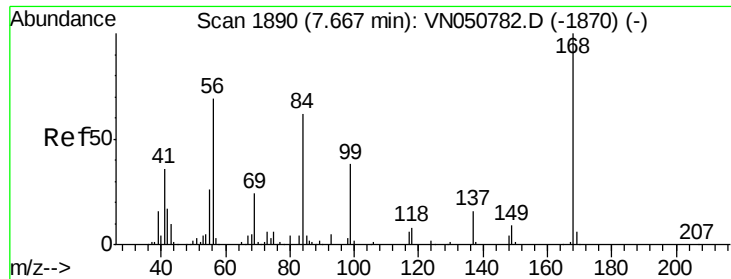
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050966.D

Acq: 30 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

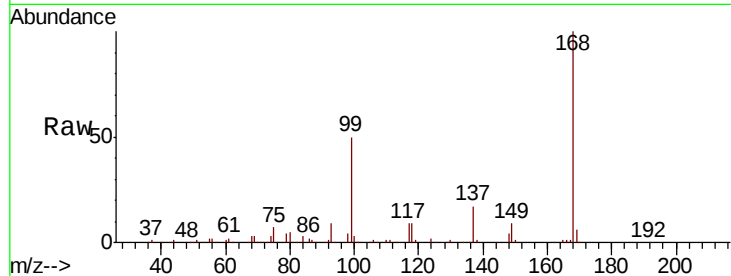
CL-02-082918-A

Tot Ion:168 Resp: 587470

Ion Ratio Lower Upper

168 100

99 50.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

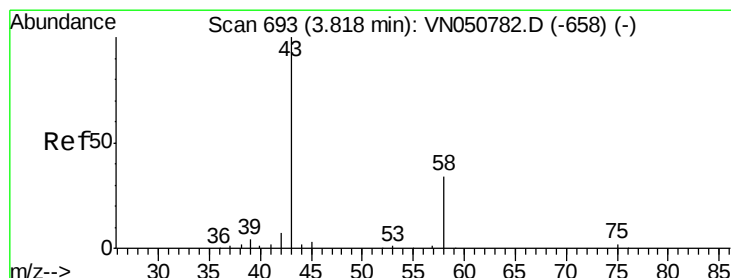
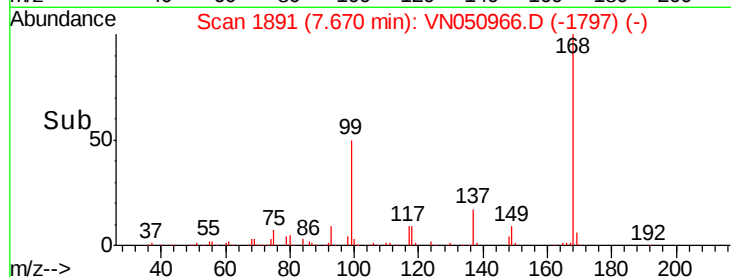
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.83 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050966.D

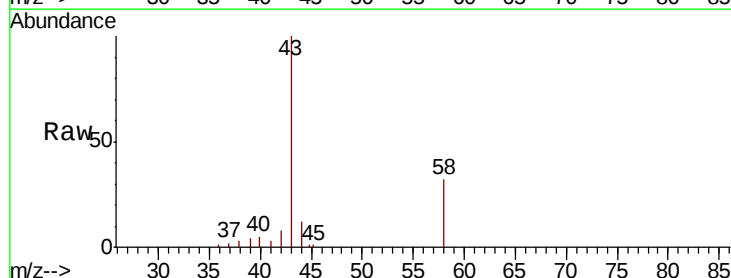
Acq: 30 Aug 2018 16:41

Tgt Ion: 43 Resp: 34331

Ion Ratio Lower Upper

43 100

58 31.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

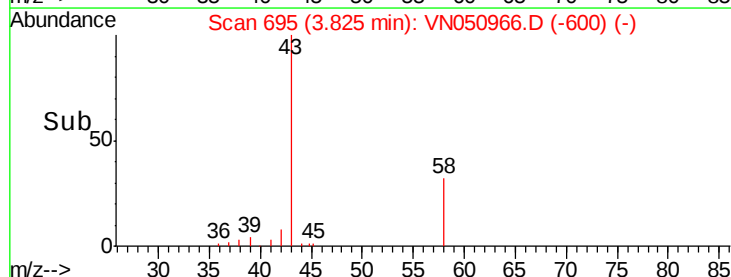
15000

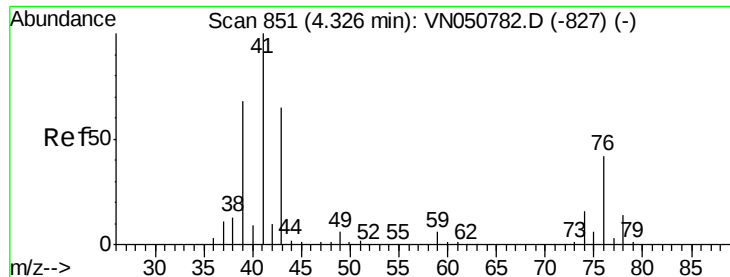
10000

5000

0

Time-->





#18

Methyl Acetate

Concen: 2.76 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050966.D

Acq: 30 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

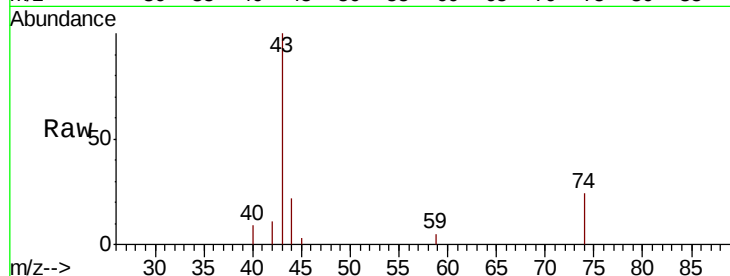
CL-02-082918-A

Tot Ion: 43 Resp: 18462

Ion Ratio Lower Upper

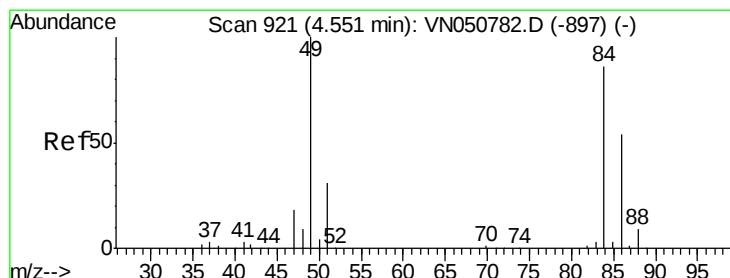
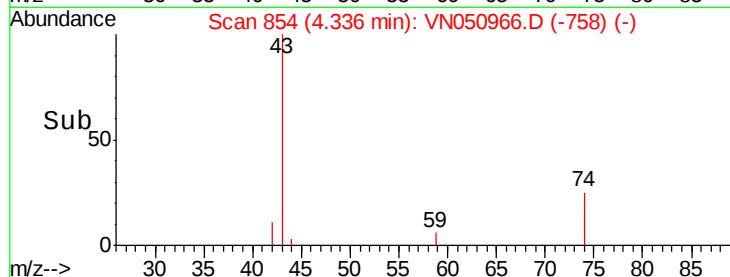
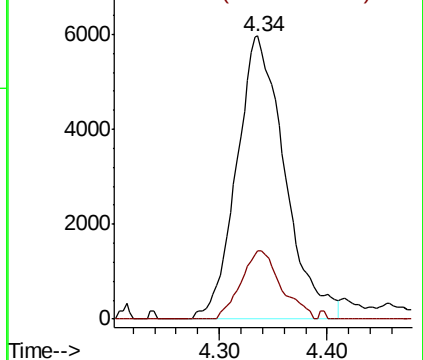
43 100

74 20.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN050966.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN050966.D (-758) (-)



#20

Methylene Chloride

Concen: 5.76 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050966.D

Acq: 30 Aug 2018 16:41

Tgt Ion: 84 Resp: 45910

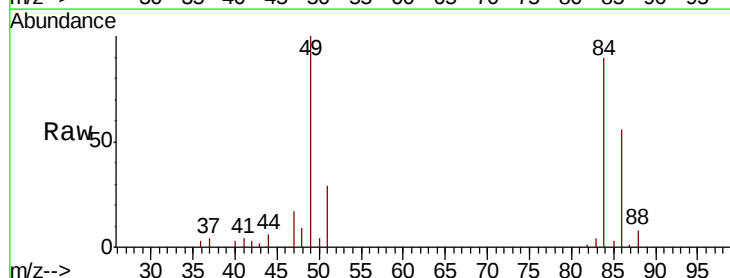
Ion Ratio Lower Upper

84 100

49 110.7 93.2 139.8

51 32.5 29.0 43.6

86 61.7 49.8 74.8

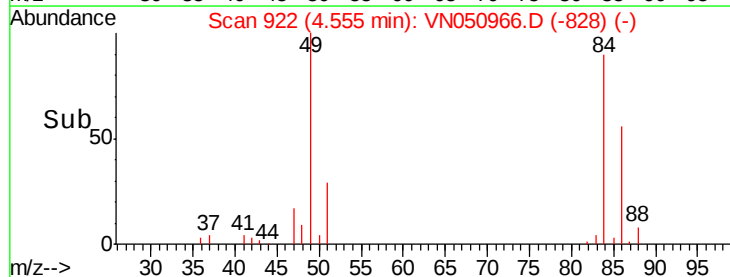
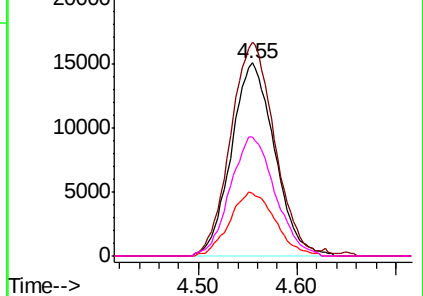


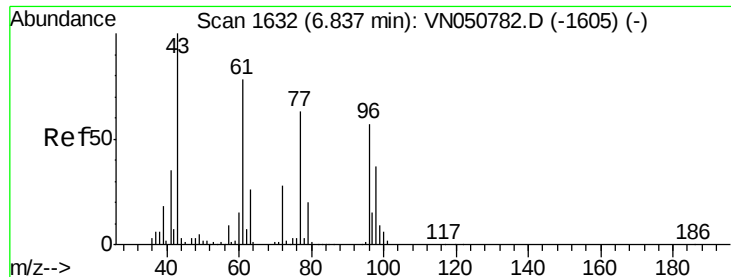
Abundance Ion 83.90 (83.60 to 84.60): VN050966.D (-828) (-)

Ion 48.90 (48.60 to 49.60): VN050966.D (-828) (-)

Ion 50.90 (50.60 to 51.60): VN050966.D (-828) (-)

Ion 85.90 (85.60 to 86.60): VN050966.D (-828) (-)





#25

2-Butanone

Concen: 2.74 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050966.D

Acq: 30 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

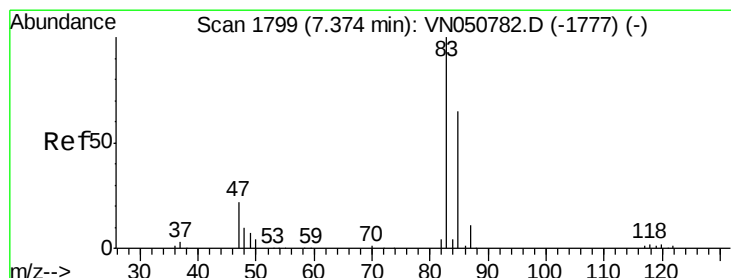
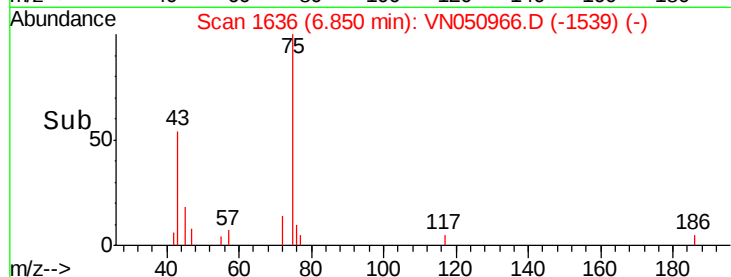
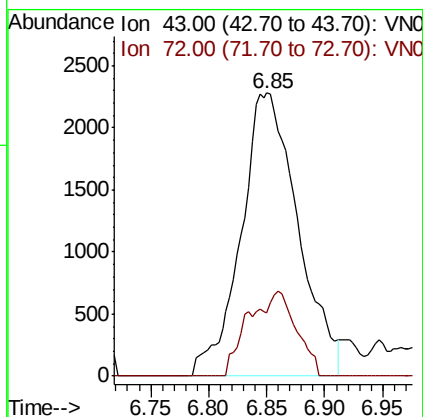
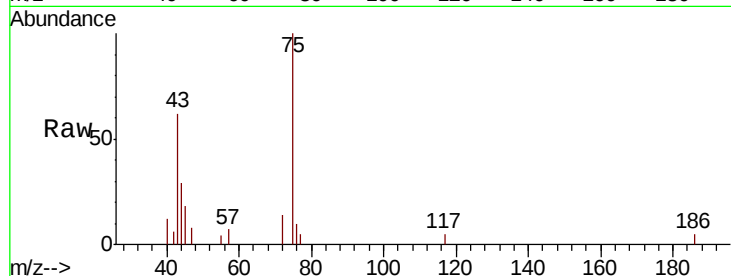
CL-02-082918-A

Tot Ion: 43 Resp: 7819

Ion Ratio Lower Upper

43 100

72 22.5 22.3 33.5



#30

Chloroform

Concen: 1.37 ug/l

RT: 7.38 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VN050966.D

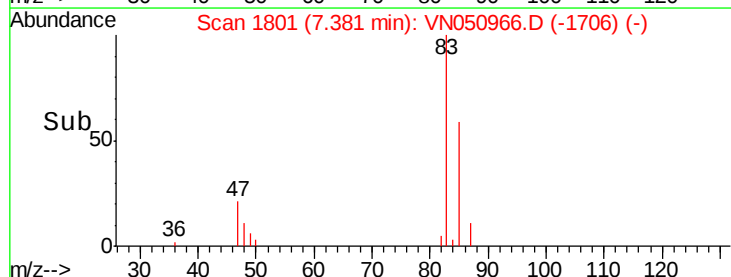
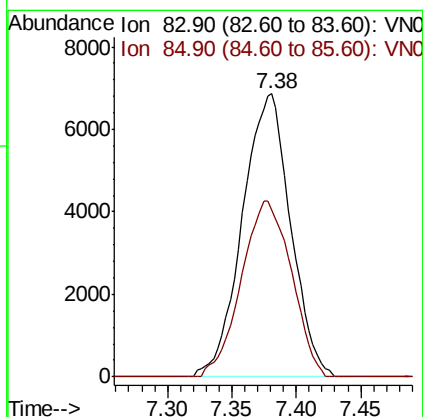
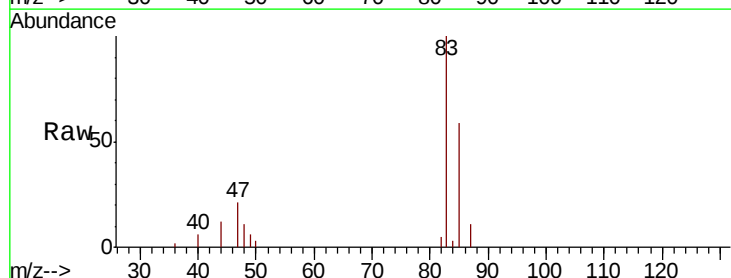
Acq: 30 Aug 2018 16:41

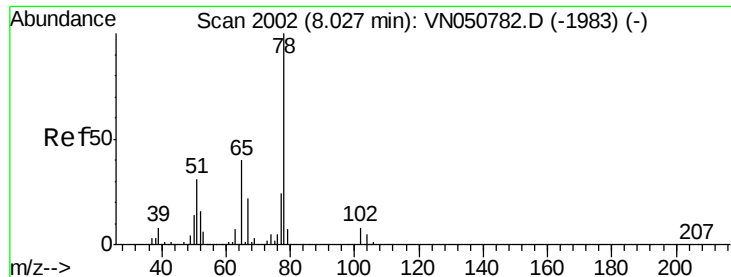
Tgt Ion: 83 Resp: 17852

Ion Ratio Lower Upper

83 100

85 59.0 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 55.44 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050966.D

Acq: 30 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

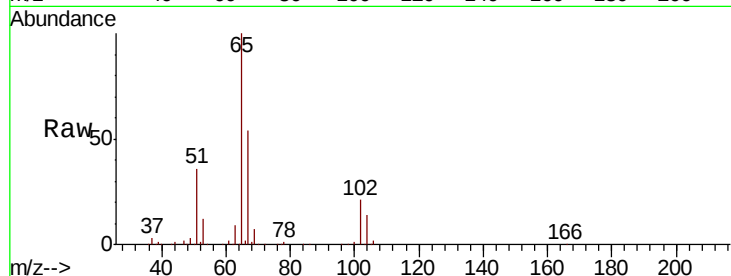
CL-02-082918-A

Tot Ion: 65 Resp: 392102

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050966.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050966.D (-1983) (-)

8.03

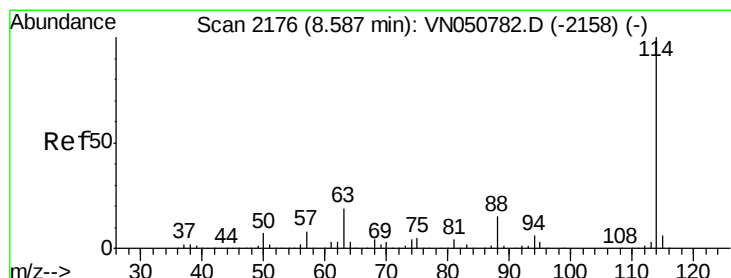
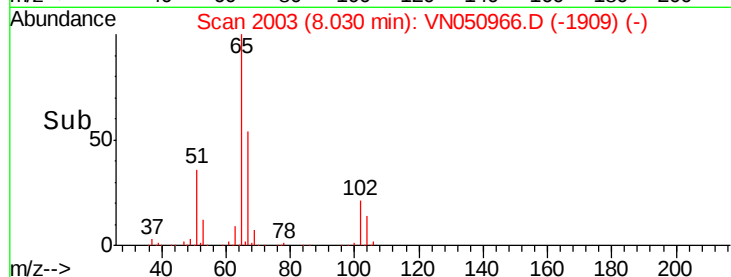
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050966.D

Acq: 30 Aug 2018 16:41

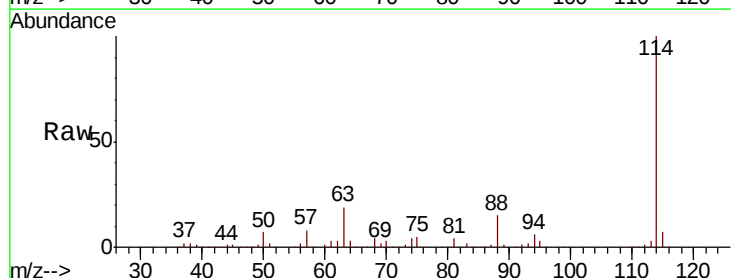
Tgt Ion: 114 Resp: 983146

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN050966.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050966.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050966.D (-2158) (-)

8.59

600000

500000

400000

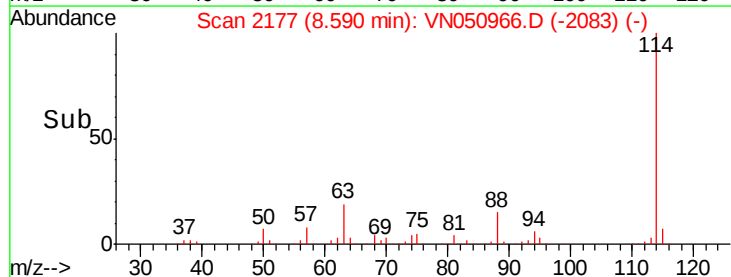
300000

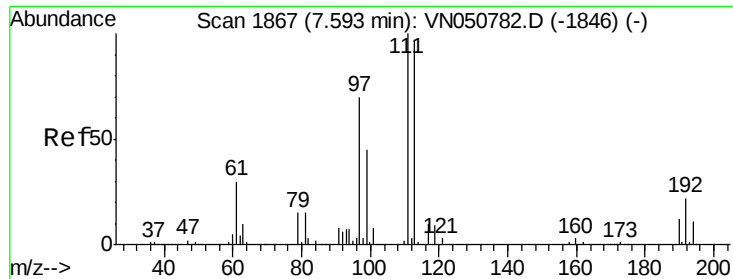
200000

100000

0

Time--> 8.50 8.60 8.70

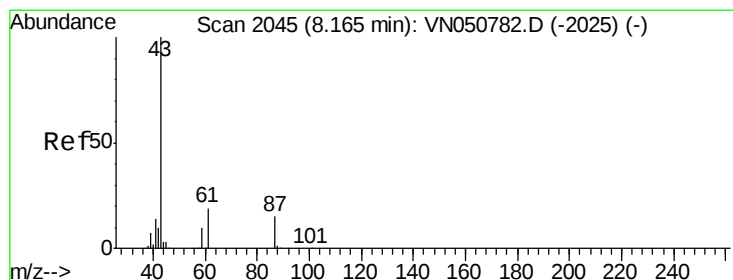
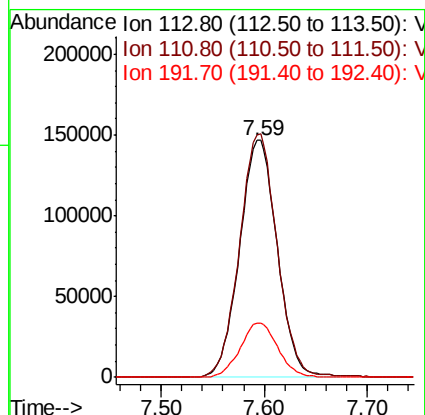
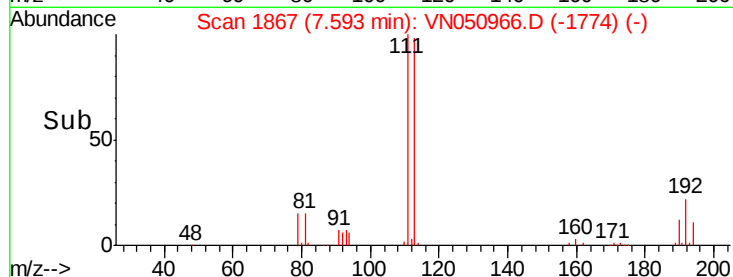
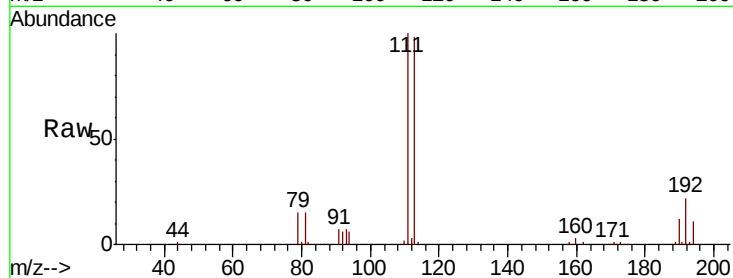




#35
 Dibromofluoromethane
 Concen: 47.68 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050966.D
 Acq: 30 Aug 2018 16:41

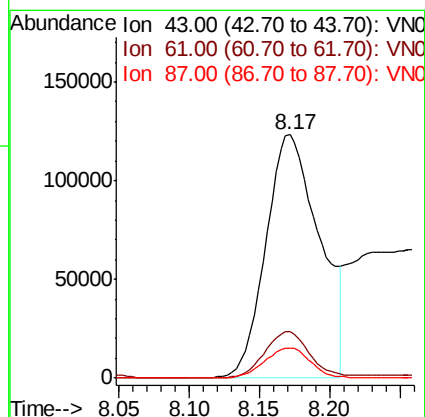
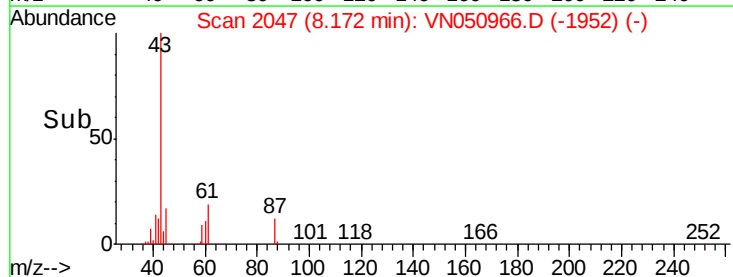
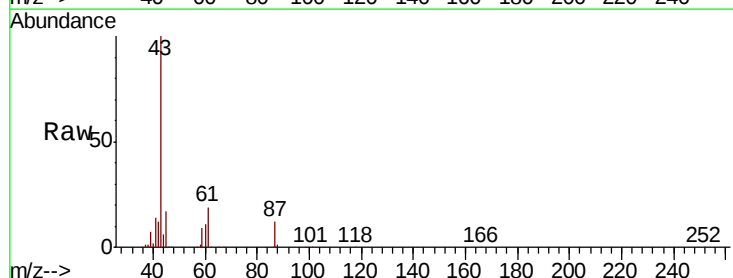
Instrument :
 MSVOA_N
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 CL-02-082918-A

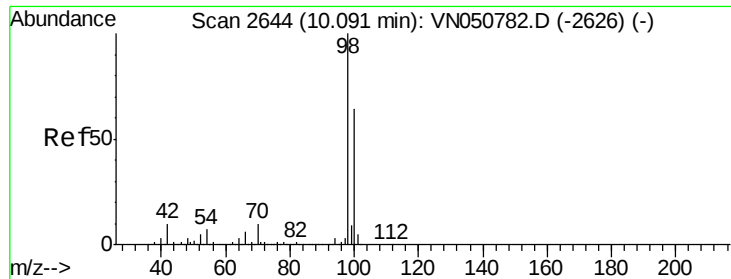
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	22.9	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 28.53 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050966.D
 Acq: 30 Aug 2018 16:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.5	17.5	26.3#
87	10.6	11.3	16.9#





#50

Toluene-d8

Concen: 44.80 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050966.D

Acq: 30 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

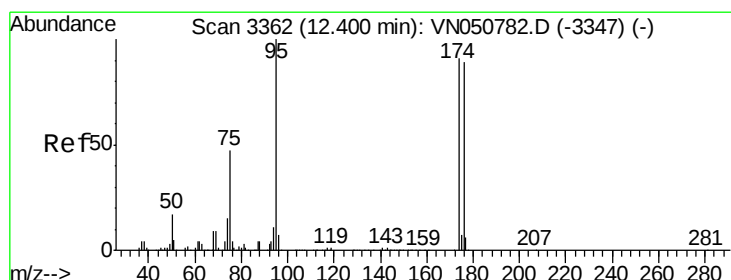
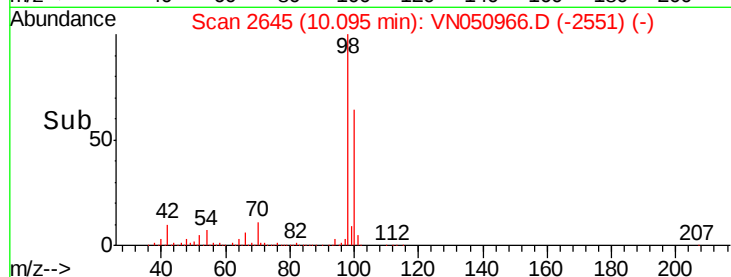
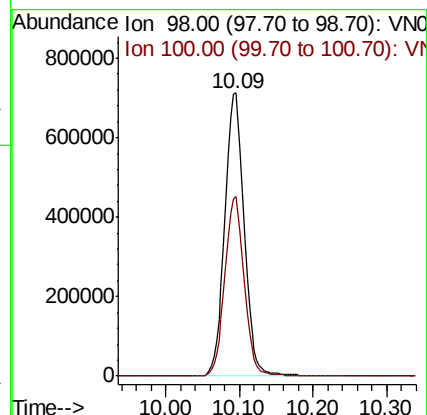
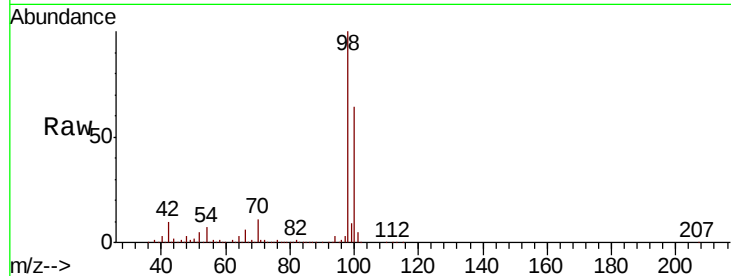
CL-02-082918-A

Tot Ion: 98 Resp: 1310089

Ion Ratio Lower Upper

98 100

100 63.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 35.16 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050966.D

Acq: 30 Aug 2018 16:41

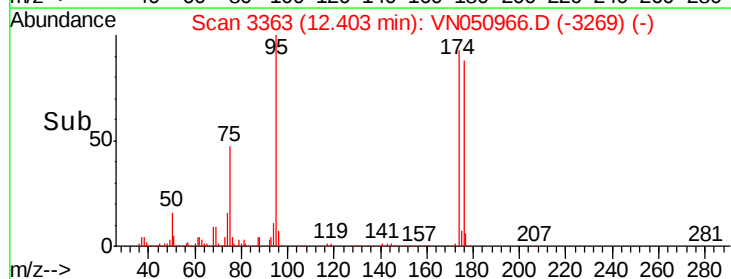
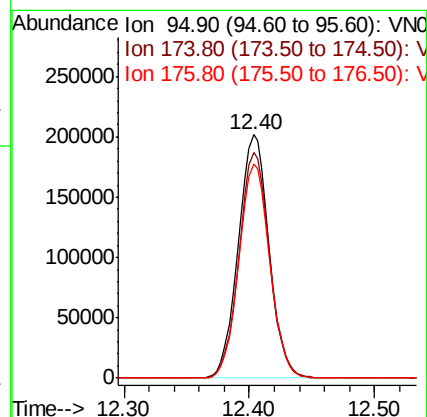
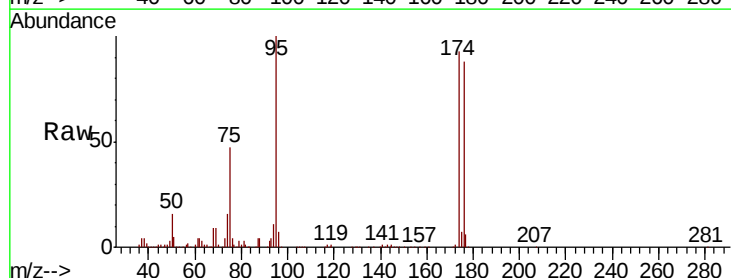
Tgt Ion: 95 Resp: 341685

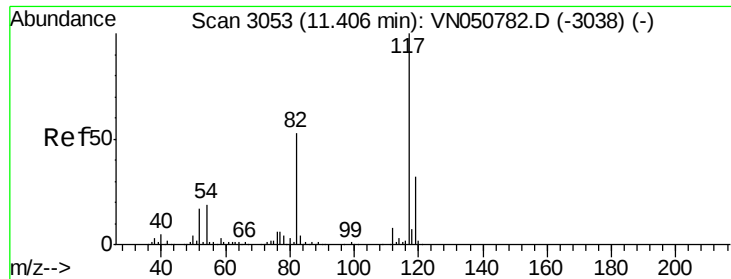
Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.0

176 88.5 0.0 178.8

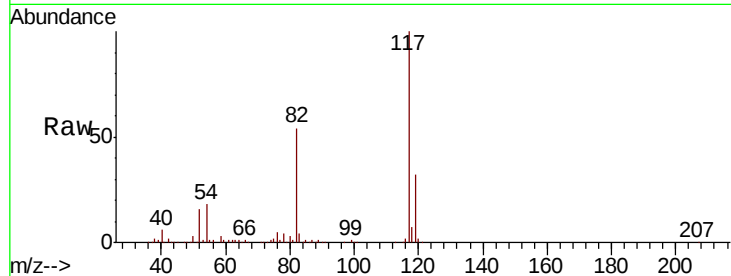




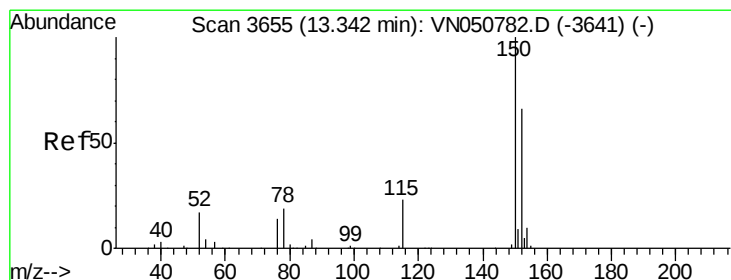
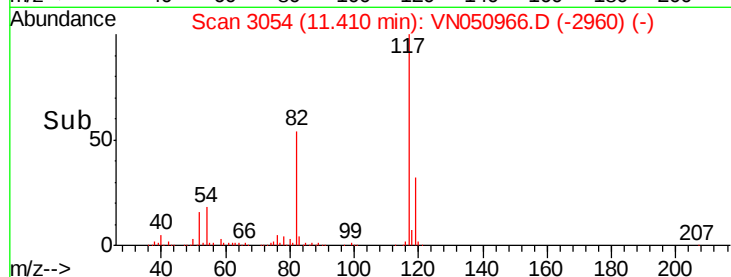
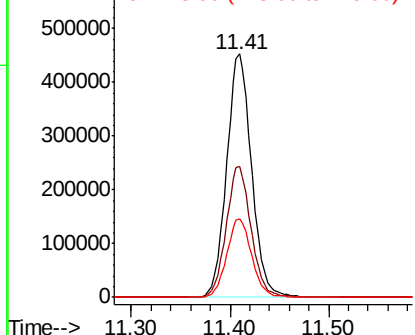
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050966.D
Acq: 30 Aug 2018 16:41

Instrument :
MSVOA_N
ClientSampleId :
CL-02-082918-A

Tot Ion:117 Resp: 800430
Ion Ratio Lower Upper
117 100
82 53.7 42.6 64.0
119 32.4 25.8 38.6

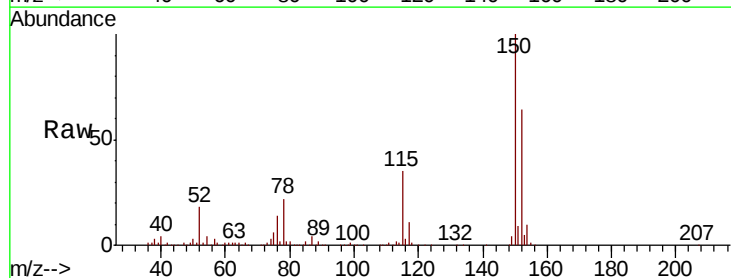


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

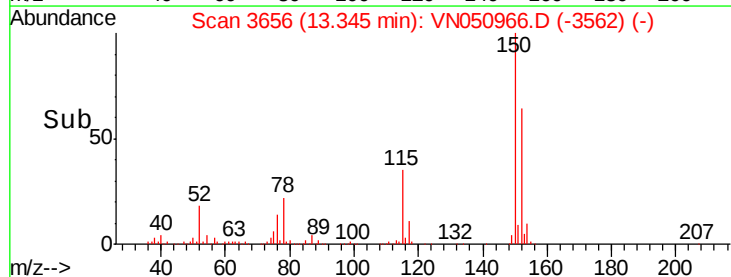
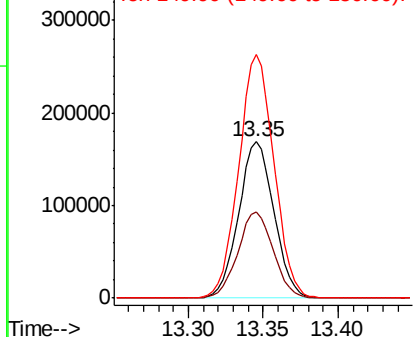


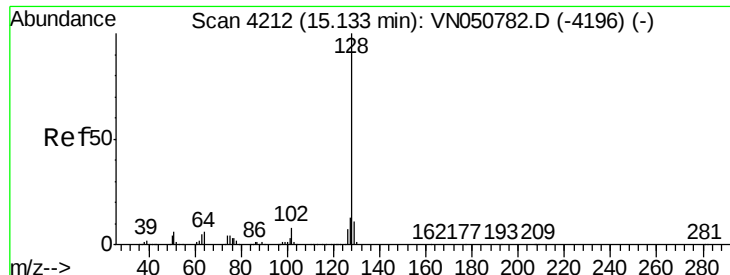
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050966.D
Acq: 30 Aug 2018 16:41

Tgt Ion:152 Resp: 277877
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 155.4 0.0 351.4



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





#95
Naphthalene
Concen: 8.47 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050966.D
Acq: 30 Aug 2018 16:41

Instrument :
MSVOA_N
ClientSampleId :
CL-02-082918-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	12.2	8.7	13.1

