

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051283.D
 Acq On : 17 Sep 2018 20:41
 Operator : MD\SY
 Sample : J4775-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-091418-B

Quant Time: Sep 19 09:39:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	442530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	691547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	183264	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	243115	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	256871	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.09	98	888765	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.40	95	234554	37.12	ug/l	0.00
Spiked Amount			Recovery	=	74.24%	

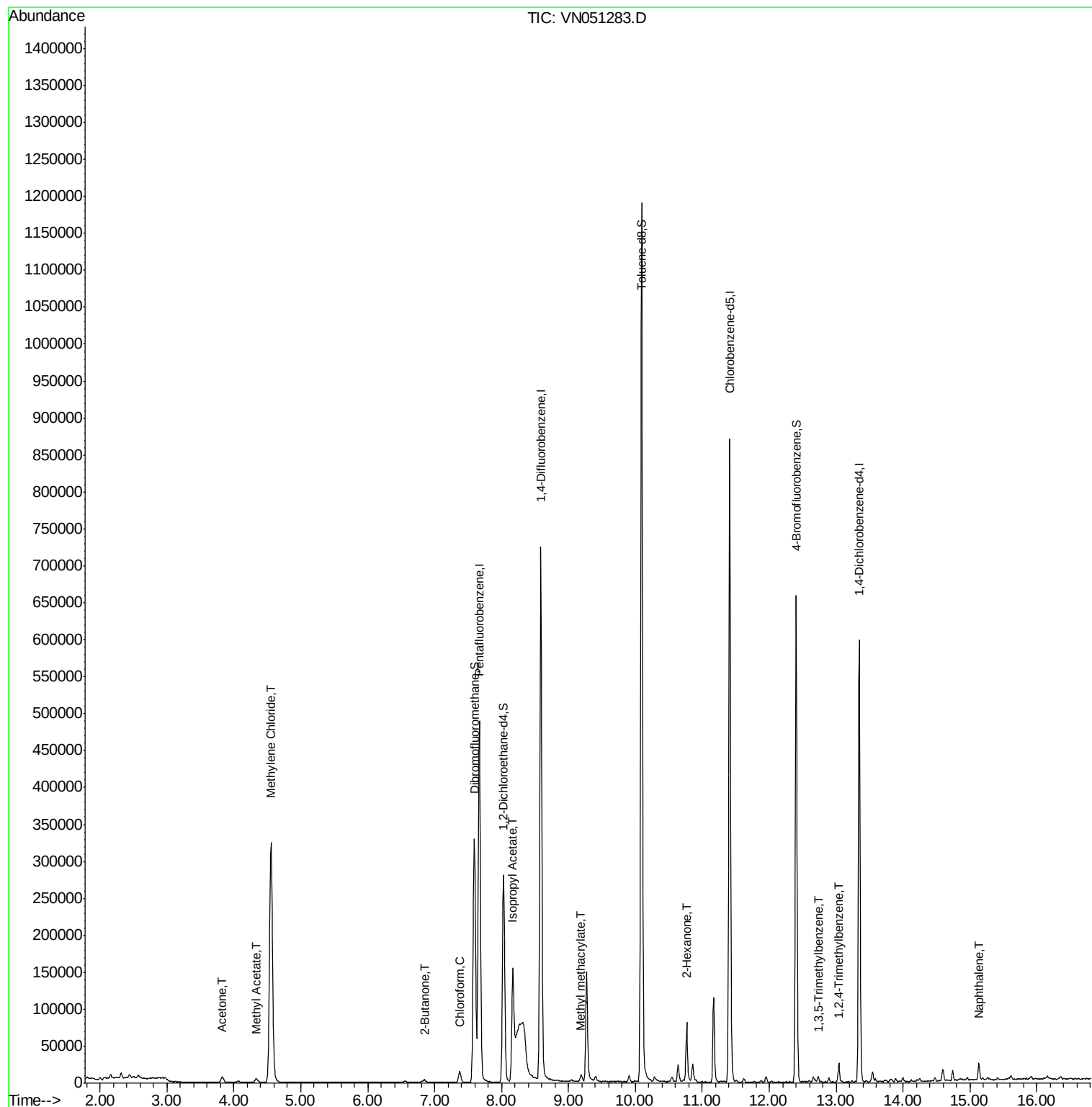
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12316	1.58	ug/l	100
18) Methyl Acetate	4.34	43	9936	2.33	ug/l	97
20) Methylene Chloride	4.55	84	263633	50.08	ug/l	100
25) 2-Butanone	6.85	43	4751	3.08	ug/l	99
30) Chloroform	7.38	83	16937	1.94	ug/l	99
43) Isopropyl Acetate	8.17	43	190872	28.66	ug/l	96
48) Methyl methacrylate	9.18	41	5222	1.63	ug/l #	12
59) 2-Hexanone	10.77	43	12858	5.68	ug/l #	61
80) 1,3,5-Trimethylbenzene	12.73	105	3812	0.31	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	14850	1.24	ug/l	100
95) Naphthalene	15.13	128	20541	9.08	ug/l	97

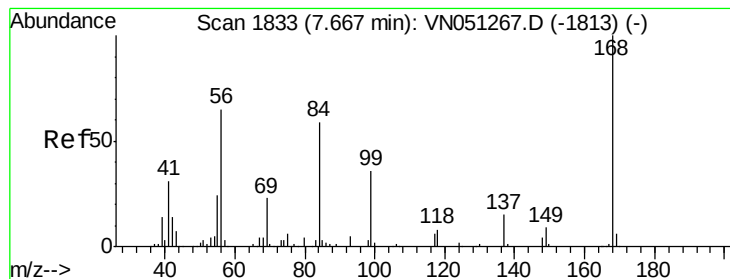
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampleId :

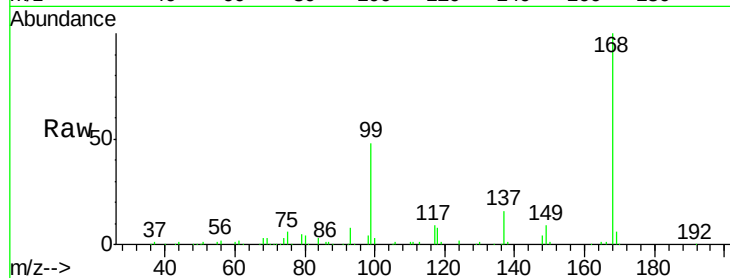
OR-03-091418-B

Tot Ion:168 Resp: 442530

Ion Ratio Lower Upper

168 100

99 48.2 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051267.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051267.D (-1813) (-)

7.67

200000

150000

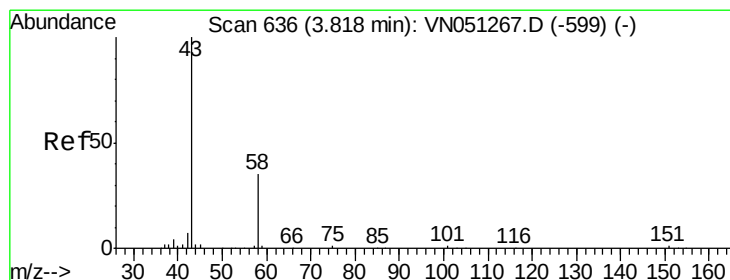
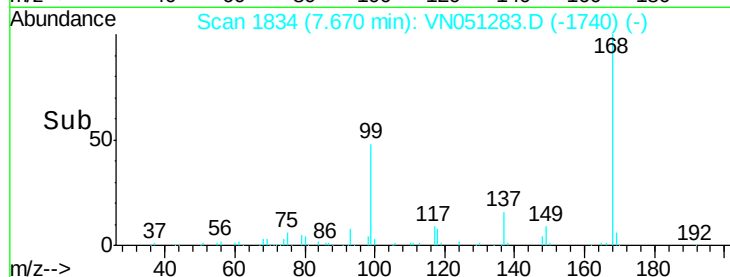
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 1.58 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051283.D

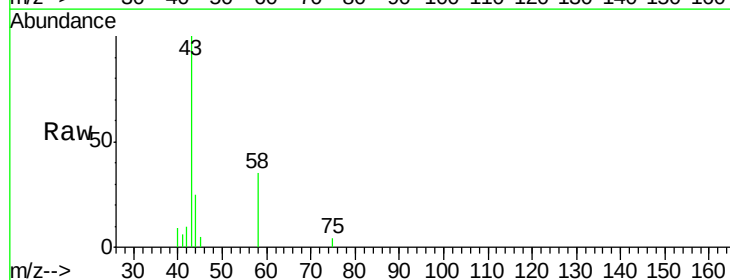
Acq: 17 Sep 2018 20:41

Tgt Ion: 43 Resp: 12316

Ion Ratio Lower Upper

43 100

58 35.3 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-599) (-)

3.82

5000

4000

3000

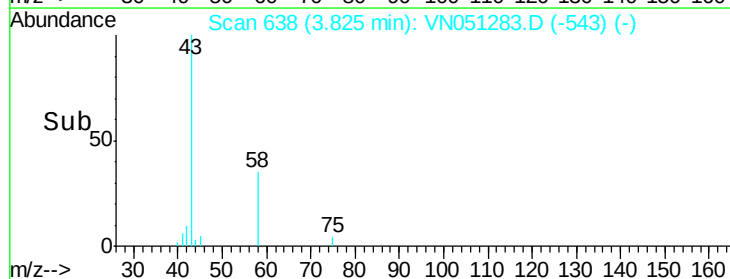
2000

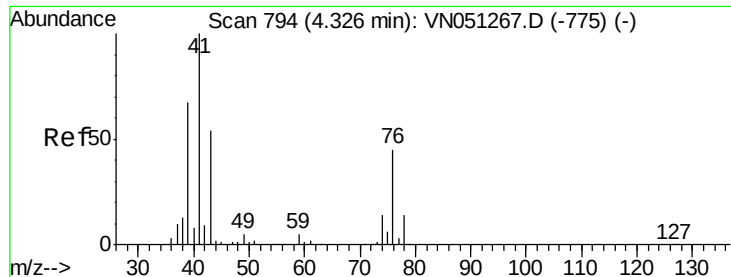
1000

0

3.75 3.80 3.85 3.90

Time-->

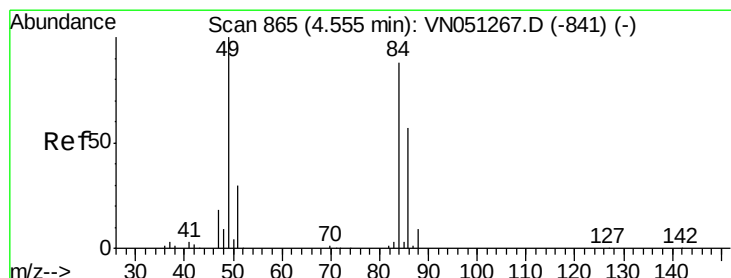
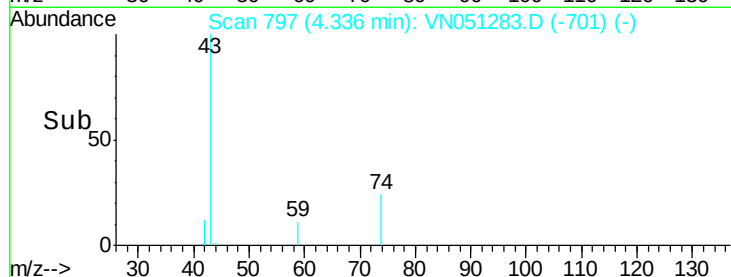
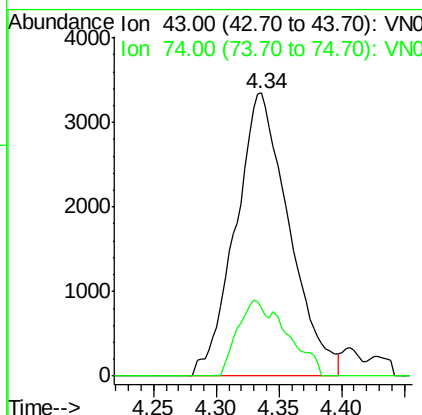
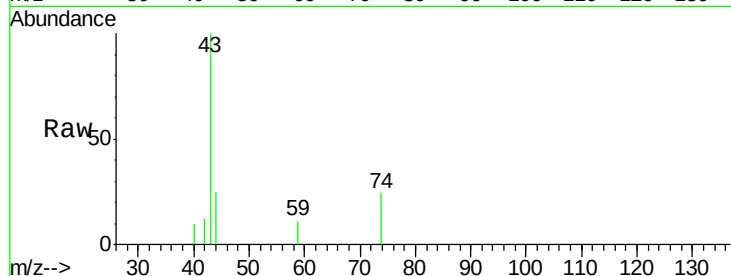




#18
Methyl Acetate
Concen: 2.33 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

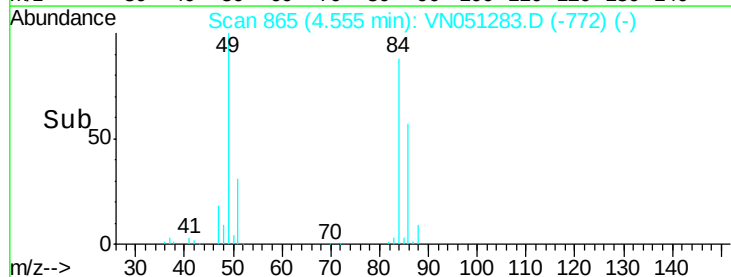
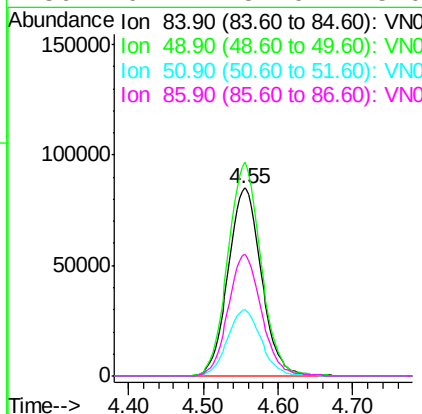
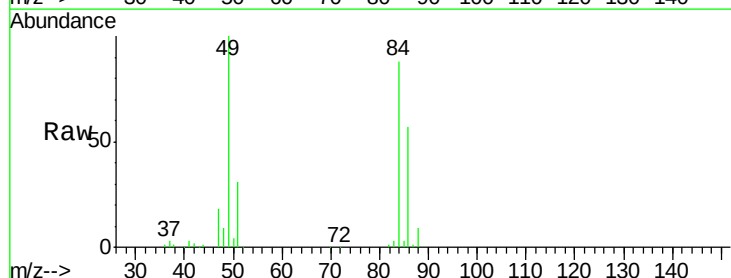
Instrument :
MSVOA_N
ClientSampleId :
OR-03-091418-B

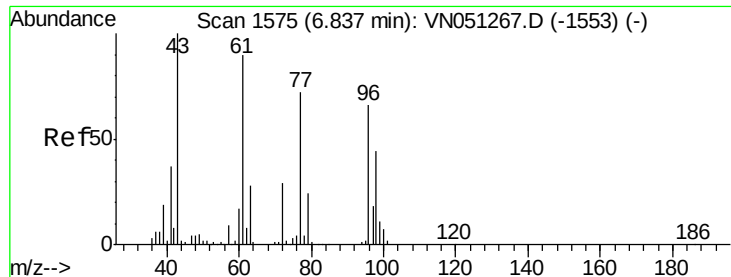
Tot Ion: 43 Resp: 9936
Ion Ratio Lower Upper
43 100
74 24.7 20.8 31.2



#20
Methylene Chloride
Concen: 50.08 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Tgt Ion: 84 Resp: 263633
Ion Ratio Lower Upper
84 100
49 113.8 91.2 136.8
51 35.5 27.7 41.5
86 64.7 52.0 78.0





#25

2-Butanone

Concen: 3.08 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampleId :

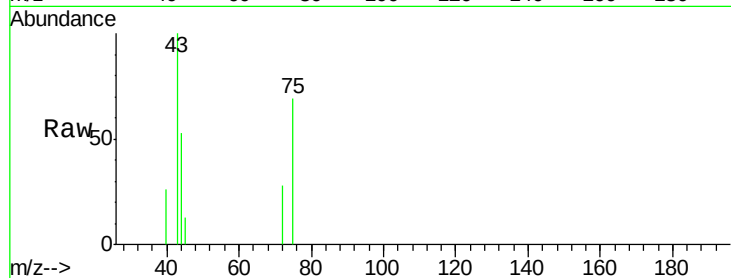
OR-03-091418-B

Tot Ion: 43 Resp: 4751

Ion Ratio Lower Upper

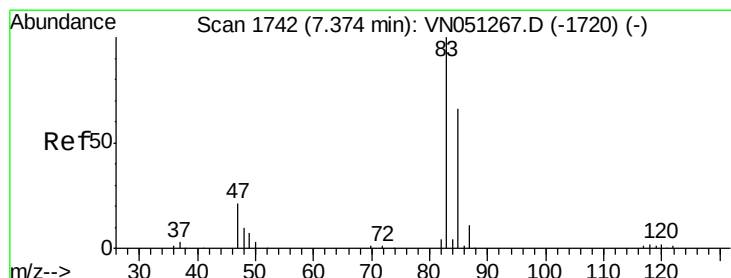
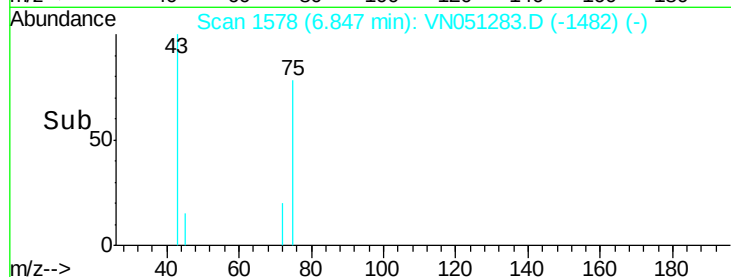
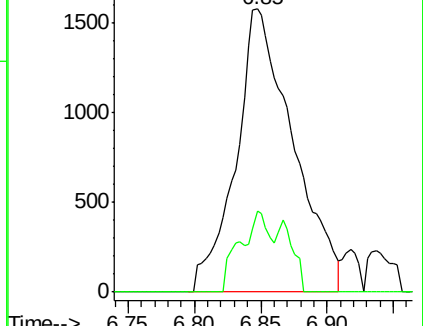
43 100

72 28.5 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-1553) (-)

Ion 72.00 (71.70 to 72.70): VN051267.D (-1553) (-)



#30

Chloroform

Concen: 1.94 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN051283.D

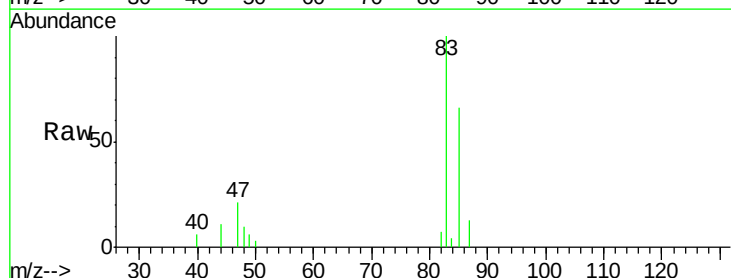
Acq: 17 Sep 2018 20:41

Tgt Ion: 83 Resp: 16937

Ion Ratio Lower Upper

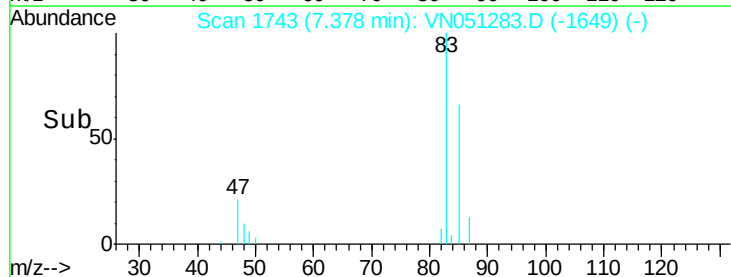
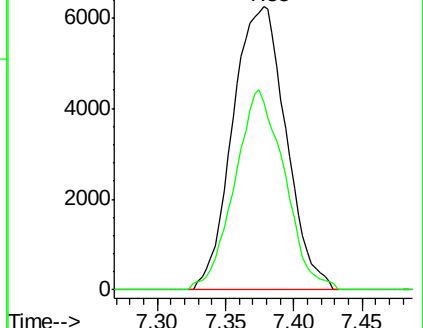
83 100

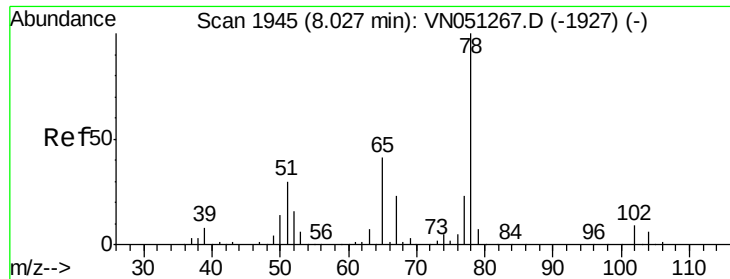
85 66.3 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN051267.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN051267.D (-1720) (-)

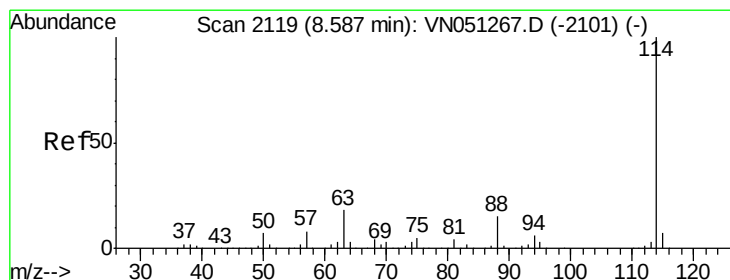
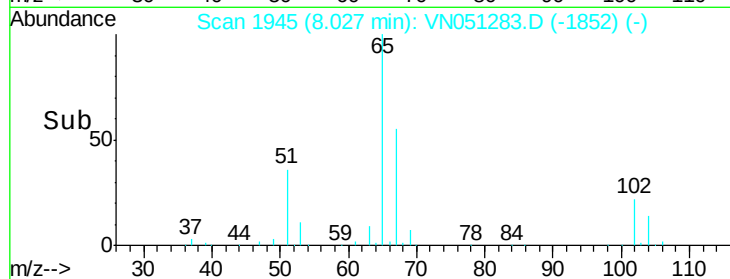
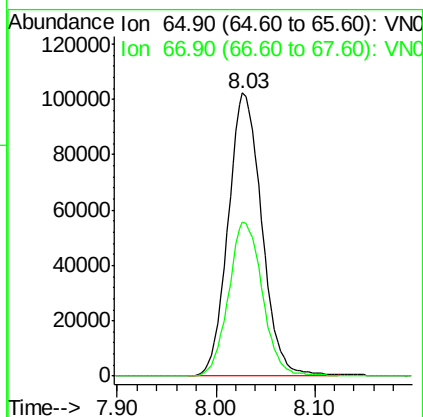
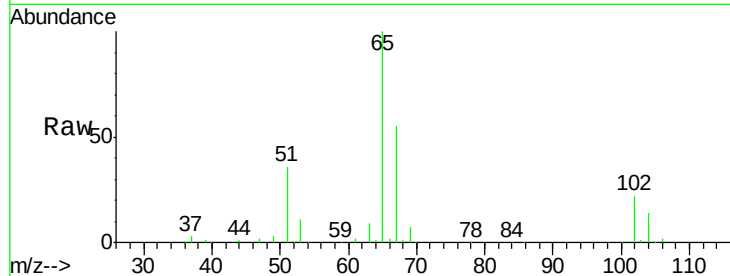




#33
 1,2-Dichloroethane-d4
 Concen: 50.55 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

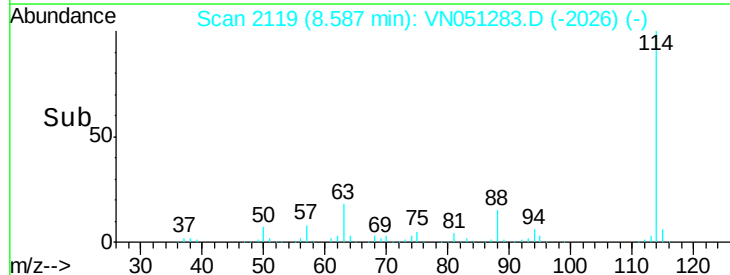
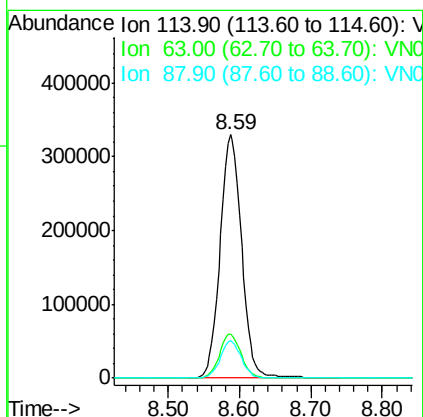
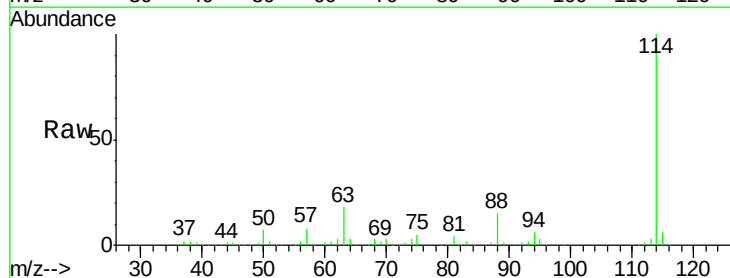
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-091418-B

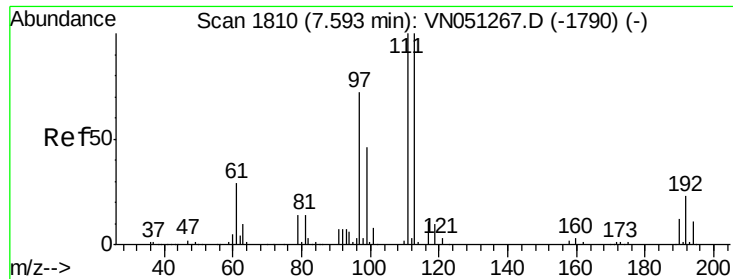
Tot Ion: 65 Resp: 243115
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

Tgt Ion: 114 Resp: 691547
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.3 0.0 30.8

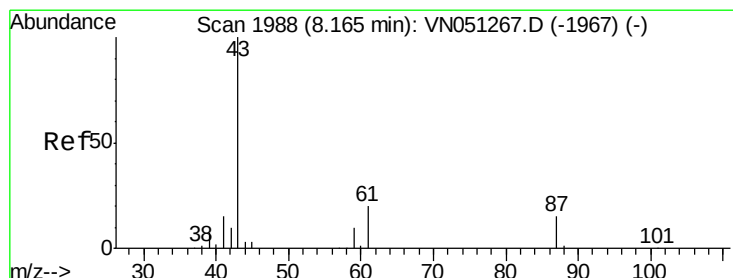
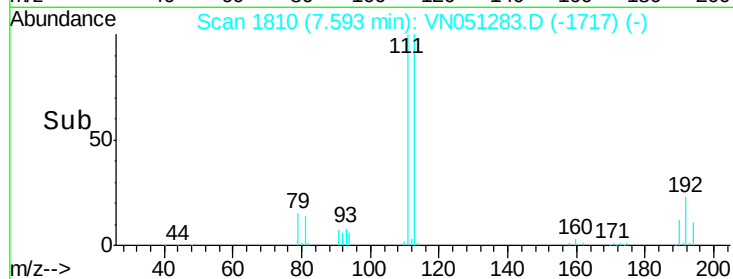
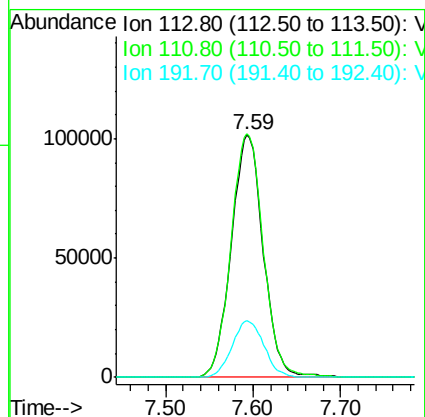
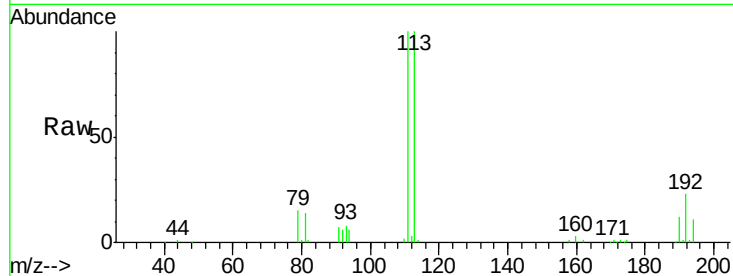




#35
 Dibromofluoromethane
 Concen: 47.80 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

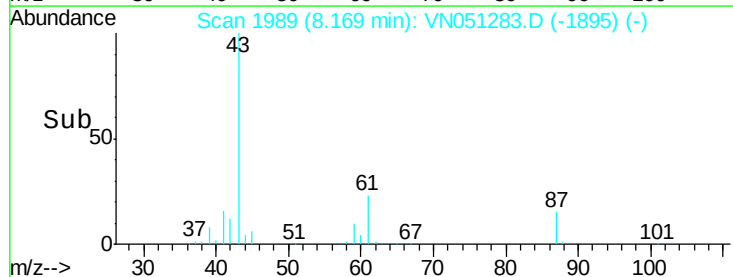
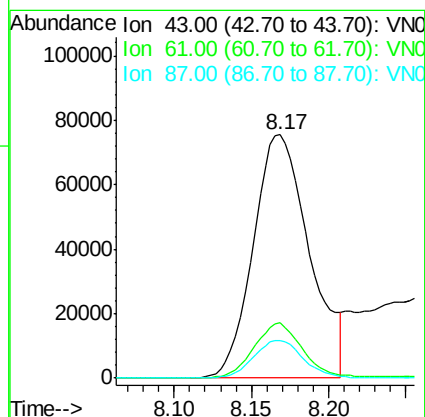
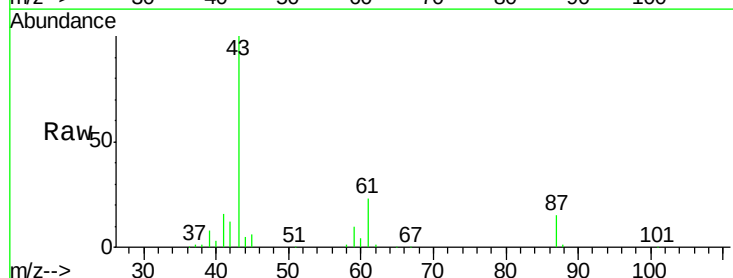
Instrument :
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 ClientSampled :
 OR-03-091418-B

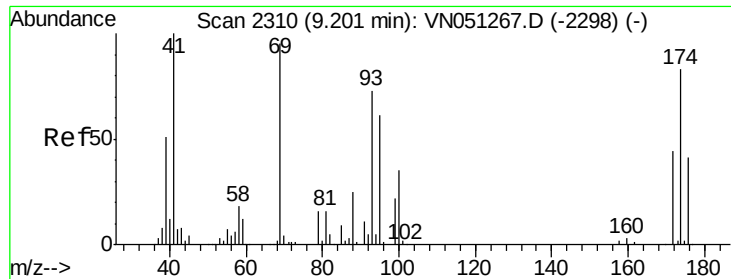
Tot Ion:113 Resp: 256871
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 23.3 19.0 28.6



#43
 Isopropyl Acetate
 Concen: 28.66 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

Tgt Ion: 43 Resp: 190872
 Ion Ratio Lower Upper
 43 100
 61 19.7 17.4 26.2
 87 13.6 12.2 18.4

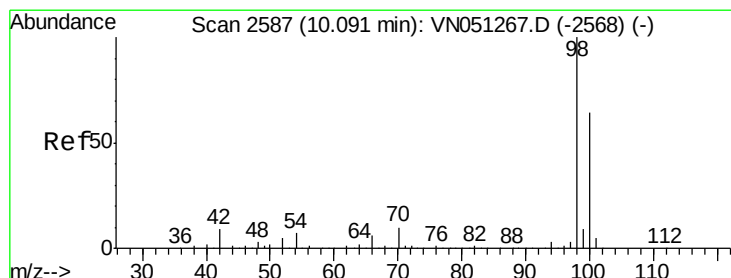
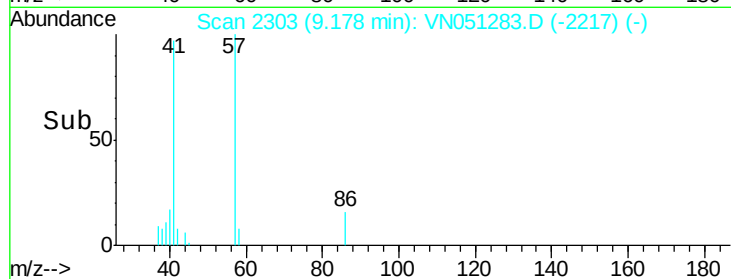
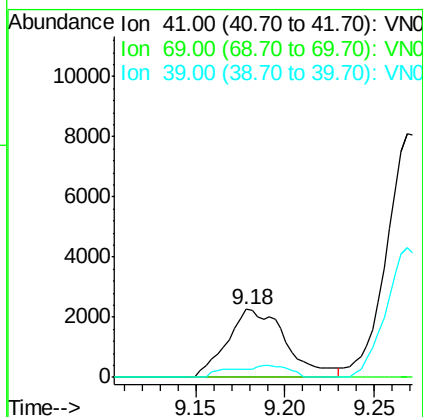
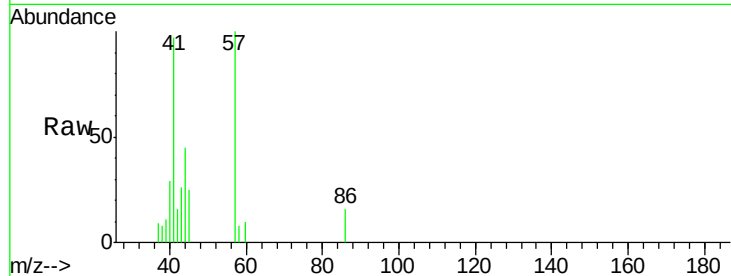




#48
Methvl methacrylate
Concen: 1.63 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

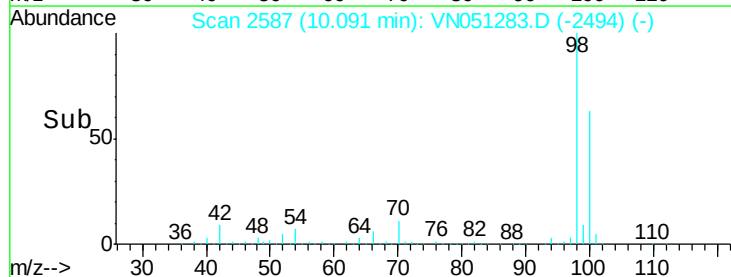
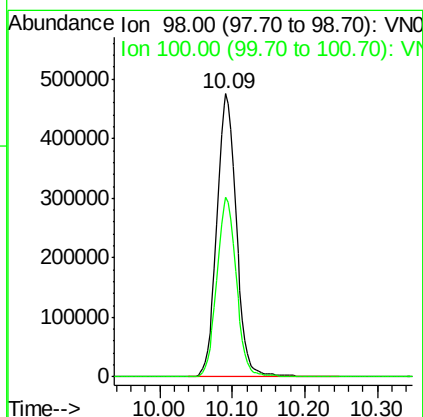
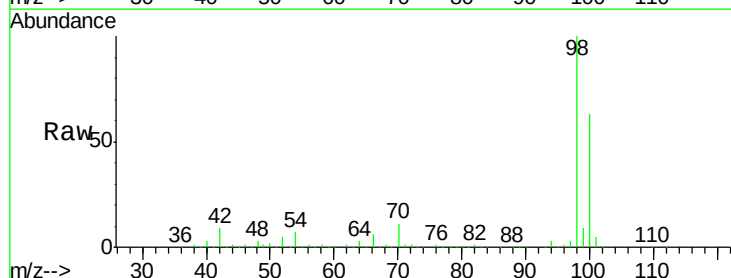
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MSVOA_N
ClientSampleId :
OR-03-091418-B

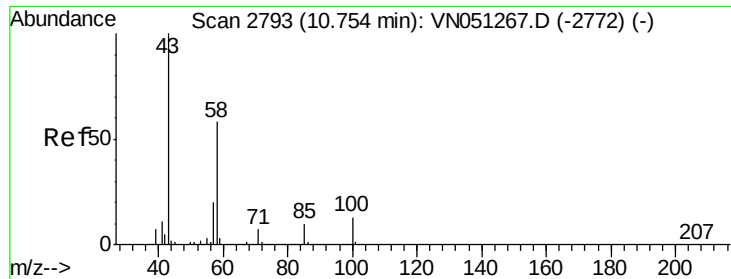
Tot Ion: 41 Resp: 5222
Ion Ratio Lower Upper
41 100
69 0.0 78.9 118.3#
39 6.4 42.2 63.2#



#50
Toluene-d8
Concen: 44.74 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Tgt Ion: 98 Resp: 888765
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4





#59

2-Hexanone

Concen: 5.68 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampleId :

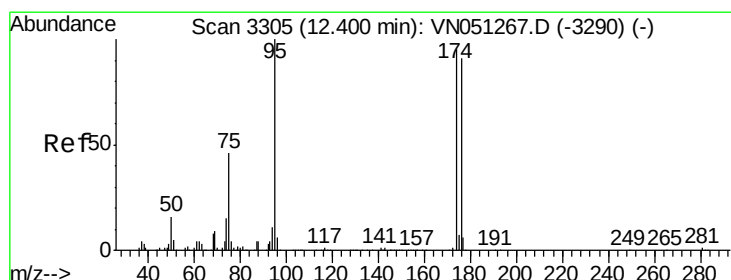
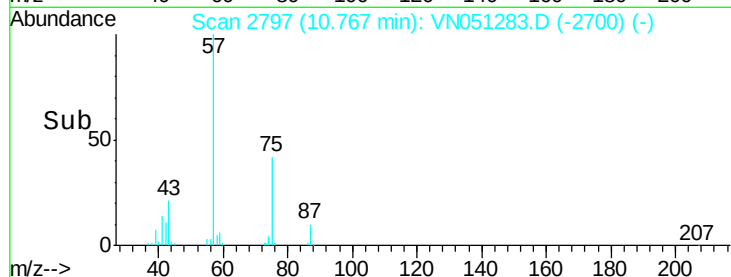
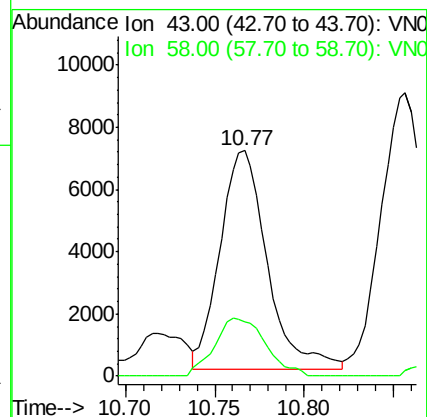
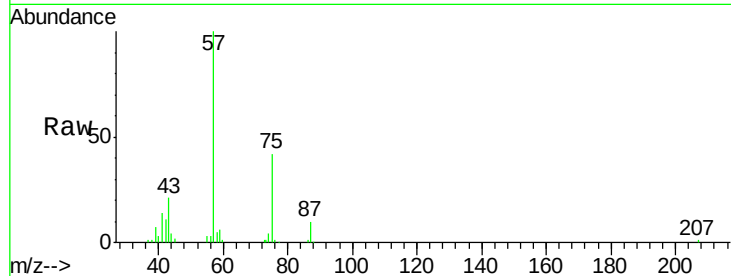
OR-03-091418-B

Tot Ion: 43 Resp: 12858

Ion Ratio Lower Upper

43 100

58 28.7 28.9 86.8#



#62

4-Bromofluorobenzene

Concen: 37.12 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

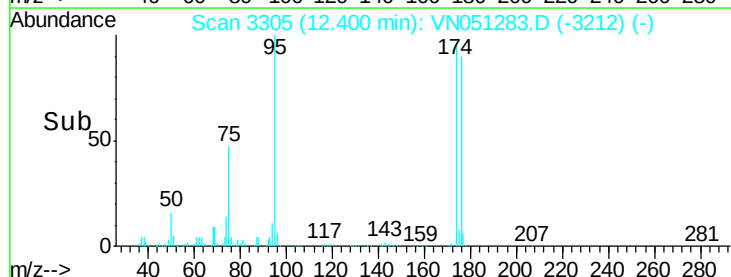
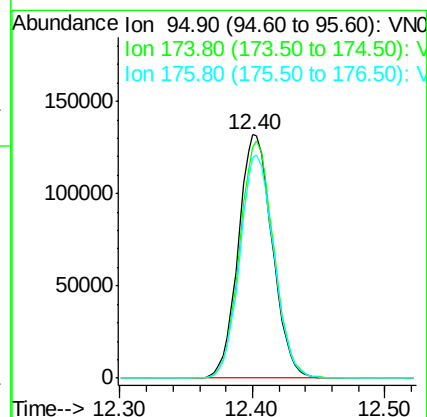
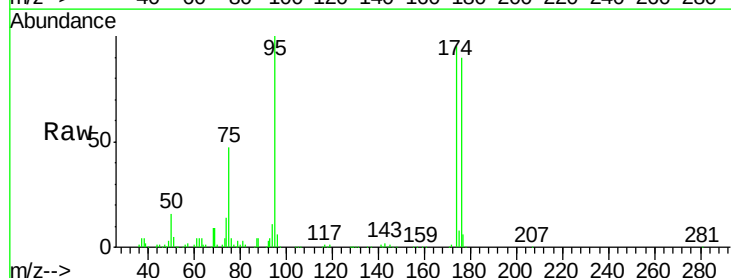
Tgt Ion: 95 Resp: 234554

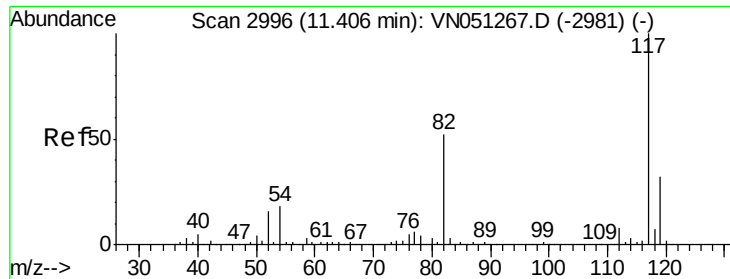
Ion Ratio Lower Upper

95 100

174 97.2 0.0 189.6

176 91.9 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

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ClientSampleId :

OR-03-091418-B

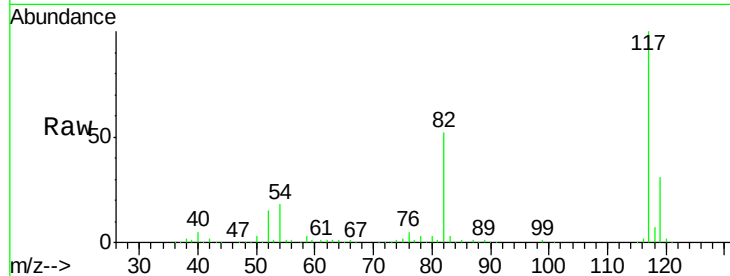
Tot Ion:117 Resp: 567549

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

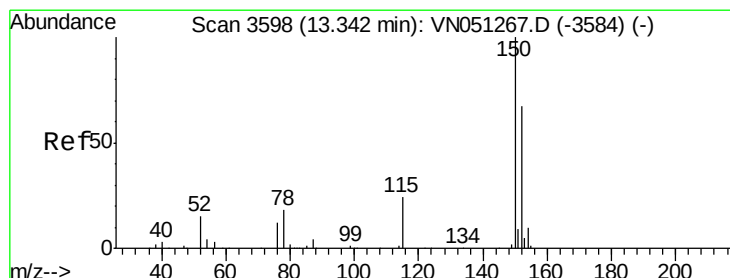
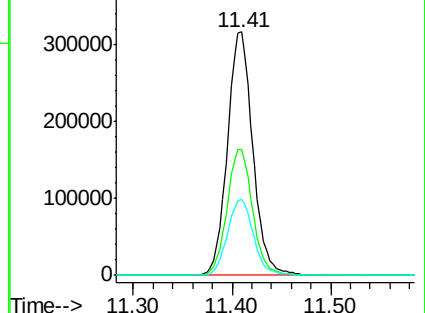
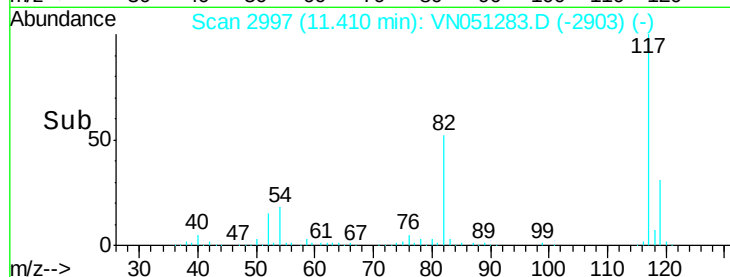
119 31.4 25.6 38.4



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# 3599

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

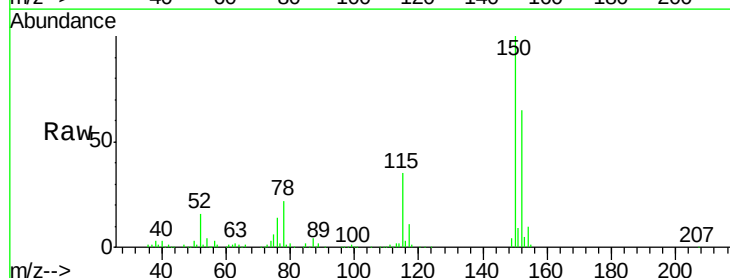
Tgt Ion:152 Resp: 183264

Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.2

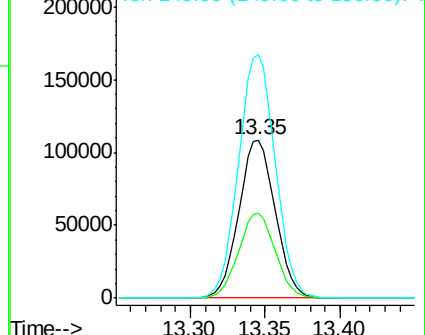
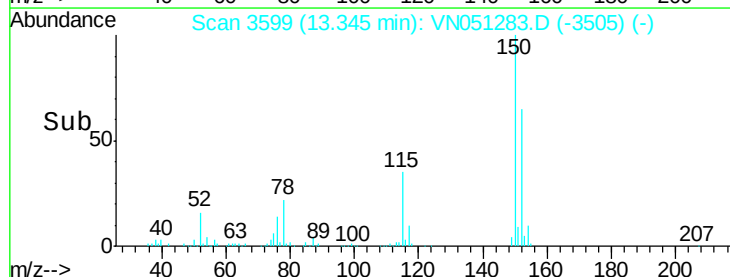
150 156.2 0.0 349.0

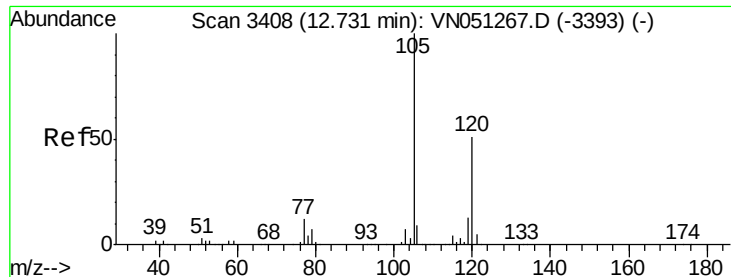


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.31 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampleId :

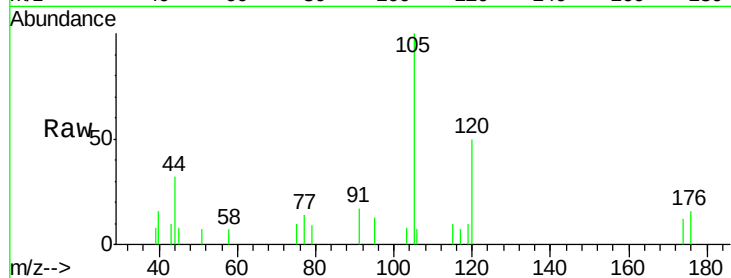
OR-03-091418-B

Tot Ion:105 Resp: 3812

Ion Ratio Lower Upper

105 100

120 57.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

2500

2000

1500

1000

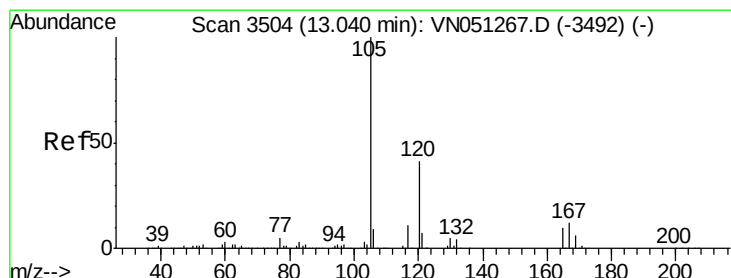
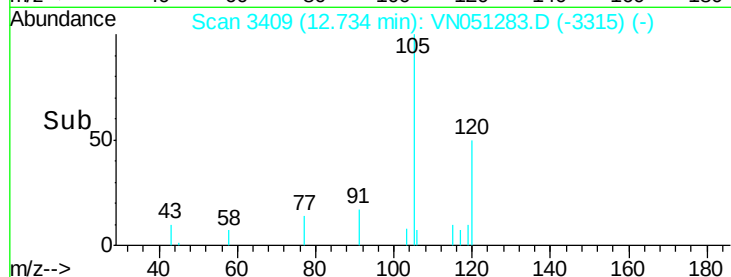
500

0

Time-->

12.70

12.75



#84

1,2,4-Trimethylbenzene

Concen: 1.24 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051283.D

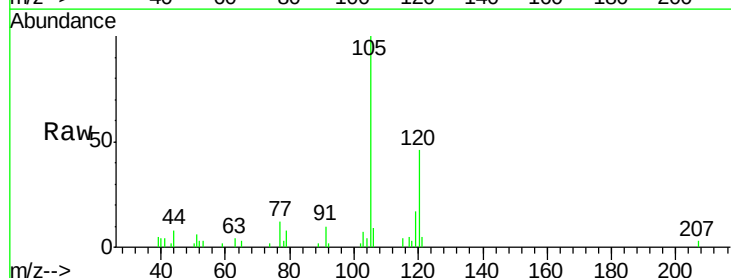
Acq: 17 Sep 2018 20:41

Tgt Ion:105 Resp: 14850

Ion Ratio Lower Upper

105 100

120 46.8 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

10000

8000

6000

4000

2000

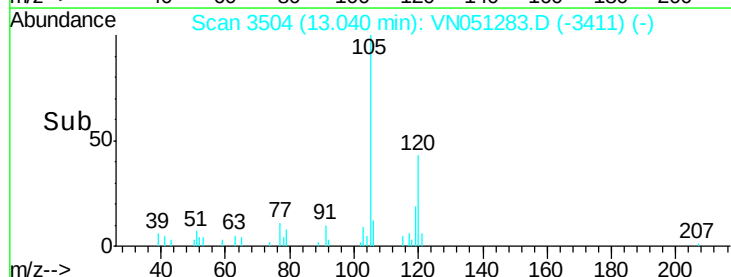
0

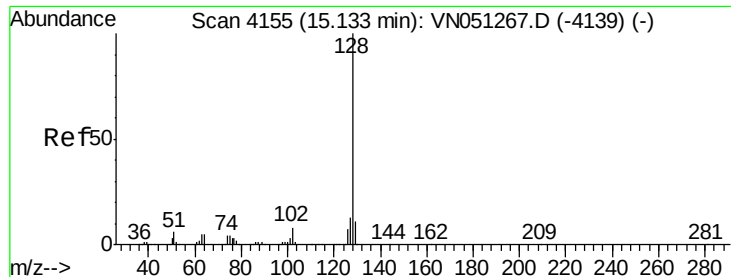
Time-->

13.00

13.05

13.10

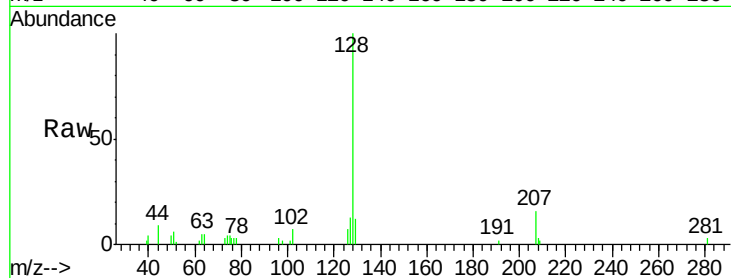




#95
Naphthalene
Concen: 9.08 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Instrument :
MSVOA_N
ClientSampleId :
OR-03-091418-B

Tot Ion:128 Resp: 20541
Ion Ratio Lower Upper
128 100
127 11.7 10.7 16.1
129 11.9 8.9 13.3



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

