

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049364.D
 Acq On : 19 Jun 2018 1:06
 Operator : MD\SY
 Sample : J3244-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-061518

Quant Time: Jun 19 04:17:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

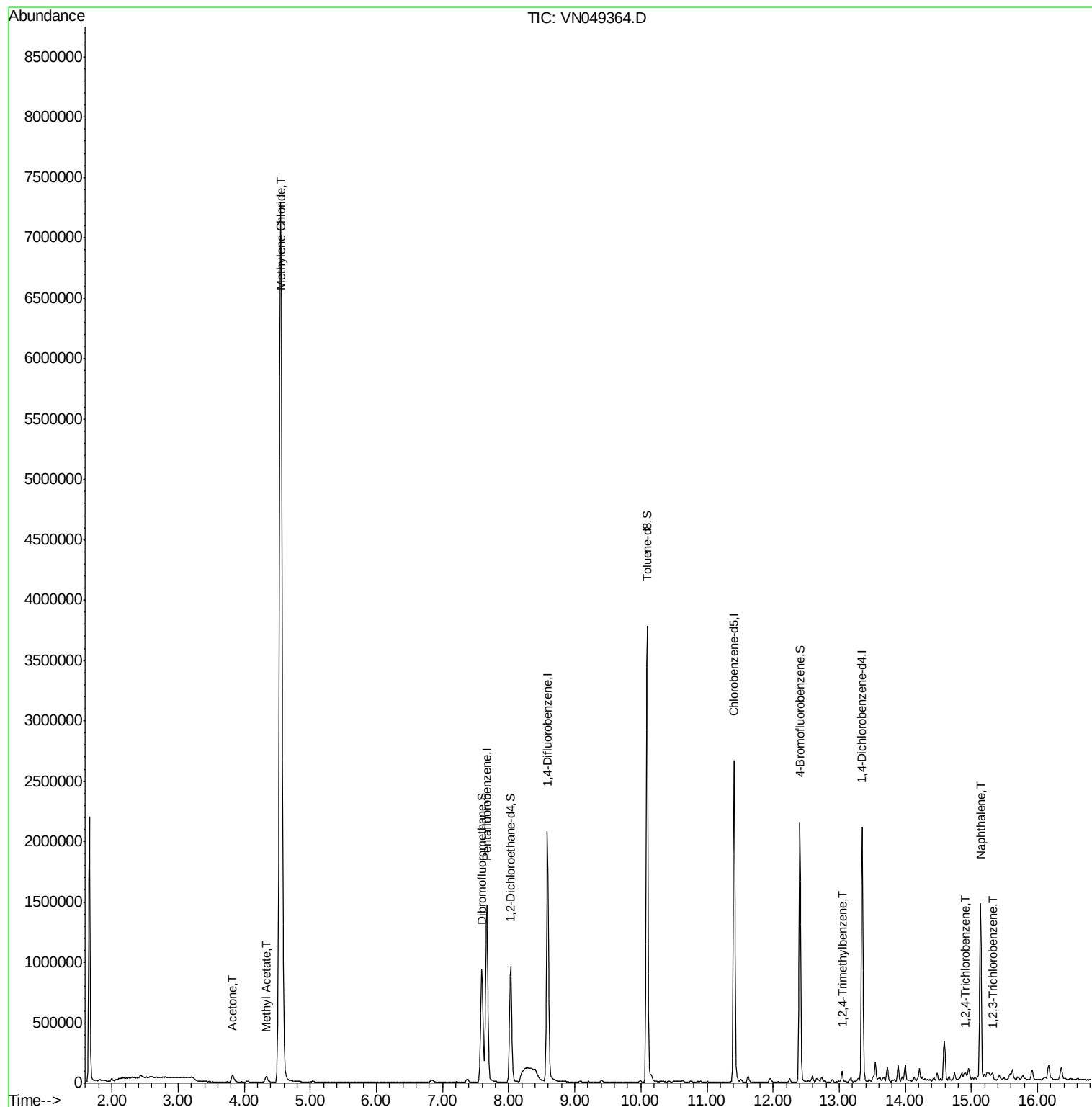
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1268848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1948521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1646488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	608280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	840377	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
35) Dibromofluoromethane	7.59	113	728085	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	10.09	98	2712070	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.40	95	747767	37.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.36%	
Target Compounds						
16) Acetone	3.82	43	109325	26.755	ug/l	95
18) Methyl Acetate	4.33	43	86017	6.904	ug/l	93
20) Methylene Chloride	4.55	84	5641517	330.570	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	48826	1.171	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	14126	5.968	ug/l #	71
95) Naphthalene	15.14	128	1275391	65.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	16256	4.941	ug/l #	65

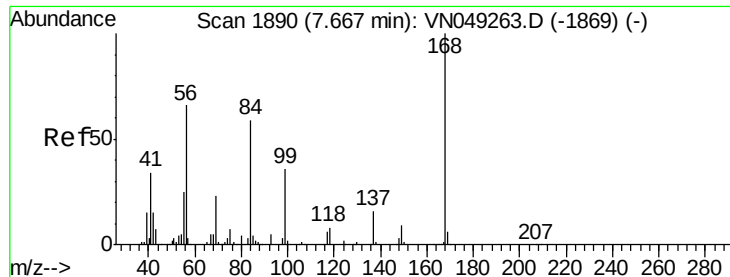
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049364.D

Acq: 19 Jun 2018 1:06

Instrument :

MSVOA_N

ClientSampleId :

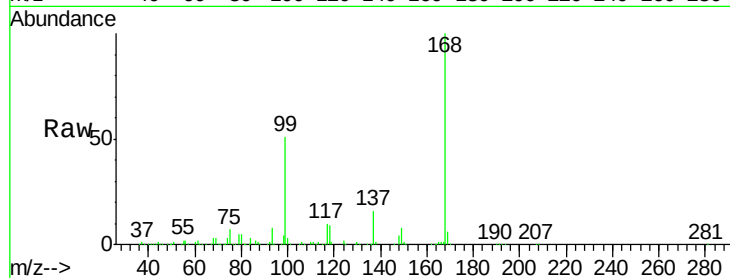
HD-01-061518

Tot Ion:168 Resp: 1268848

Ion Ratio Lower Upper

168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

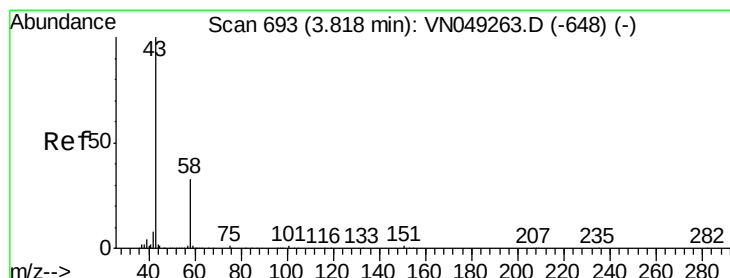
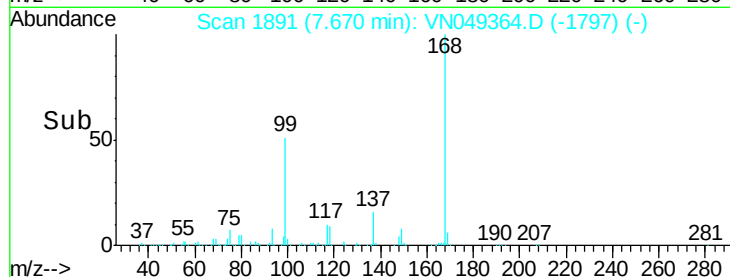
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 26.755 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049364.D

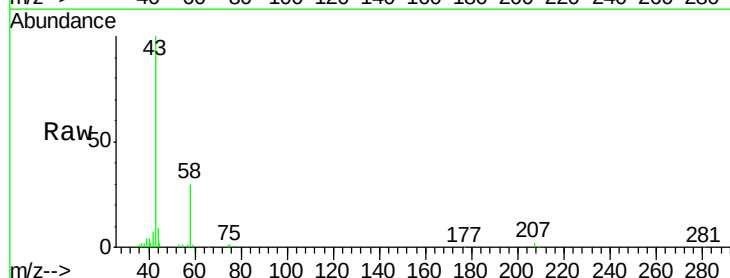
Acq: 19 Jun 2018 1:06

Tgt Ion: 43 Resp: 109325

Ion Ratio Lower Upper

43 100

58 30.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

40000

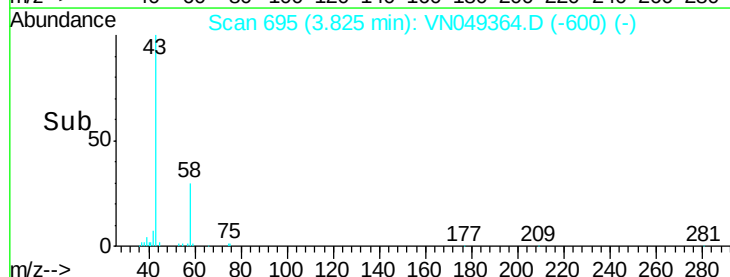
30000

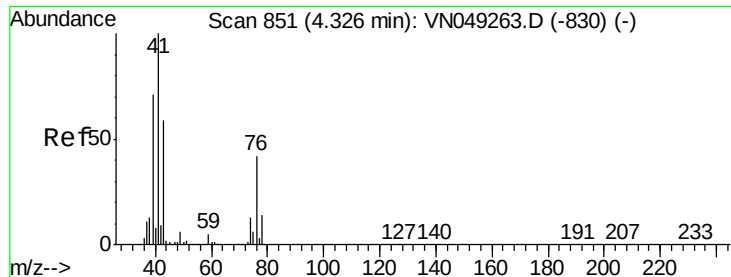
20000

10000

0

Time--> 3.70 3.80 3.90

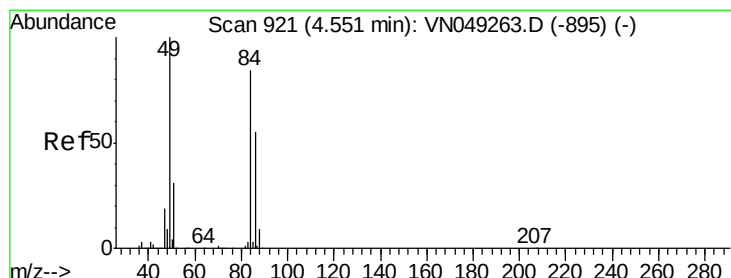
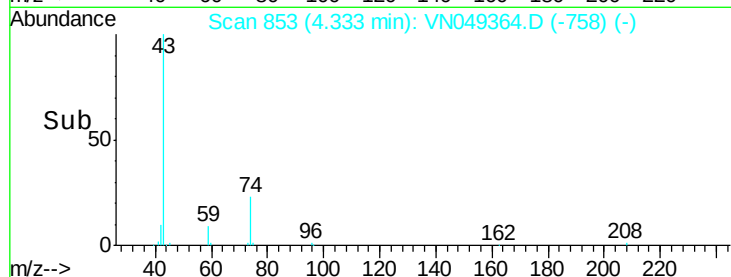
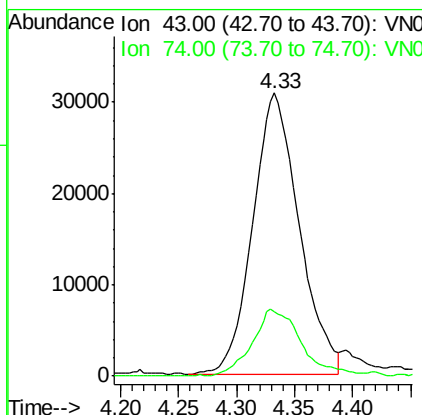
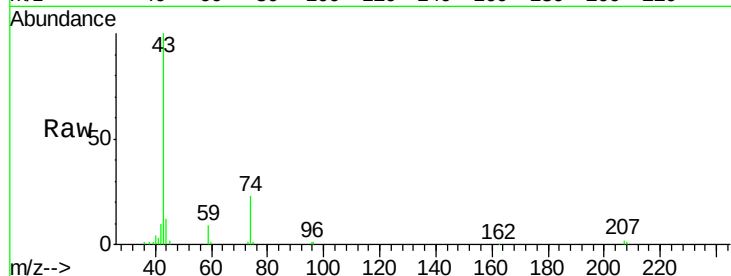




#18
Methvl Acetate
Concen: 6.904 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049364.D
Acq: 19 Jun 2018 1:06

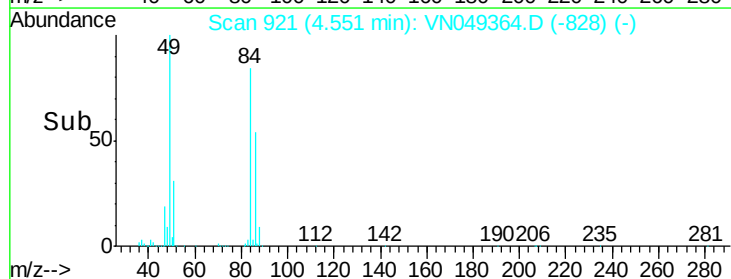
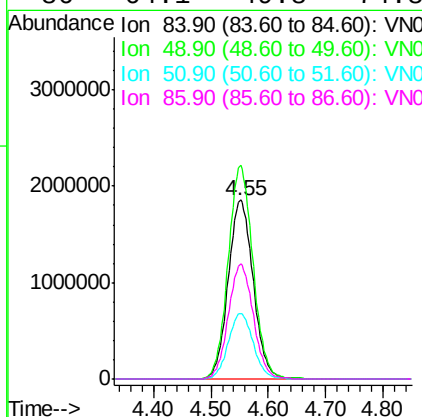
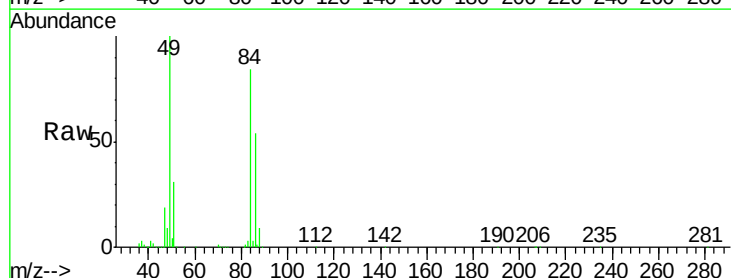
Instrument :
MSVOA_N
ClientSampleId :
HD-01-061518

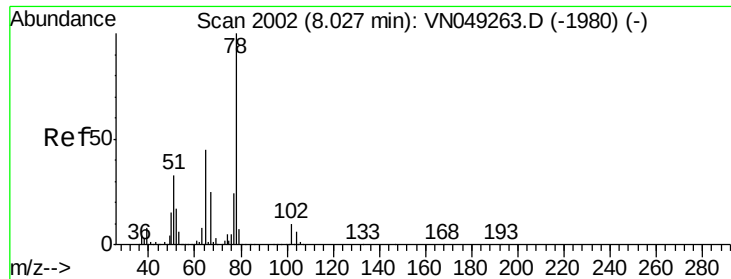
Tot Ion: 43 Resp: 86017
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0



#20
Methylene Chloride
Concen: 330.570 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049364.D
Acq: 19 Jun 2018 1:06

Tgt Ion: 84 Resp: 5641517
Ion Ratio Lower Upper
84 100
49 119.3 106.9 160.3
51 36.8 32.7 49.1
86 64.1 49.8 74.8

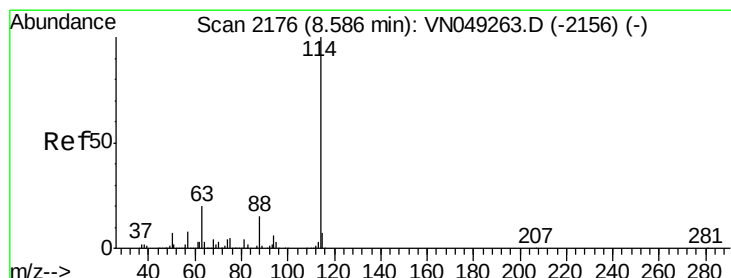
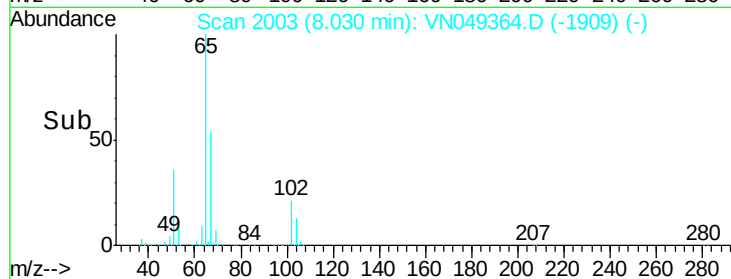
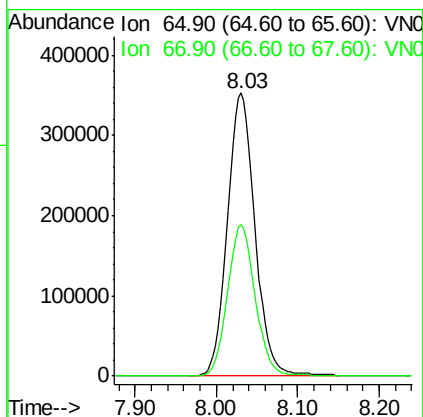
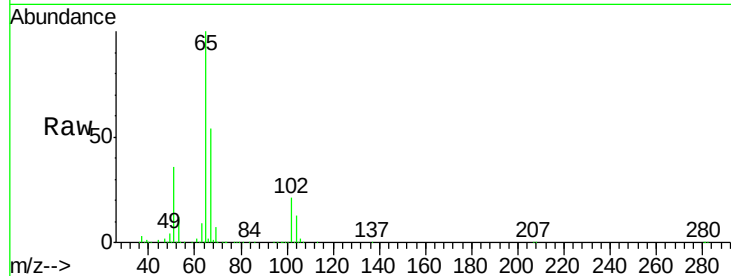




#33
 1,2-Dichloroethane-d4
 Concen: 49.936 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049364.D
 Acq: 19 Jun 2018 1:06

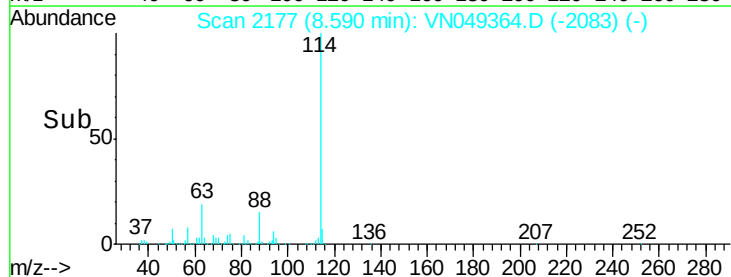
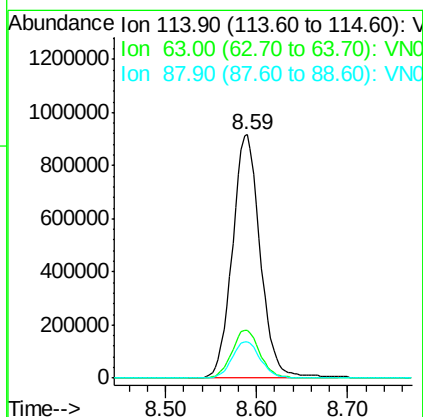
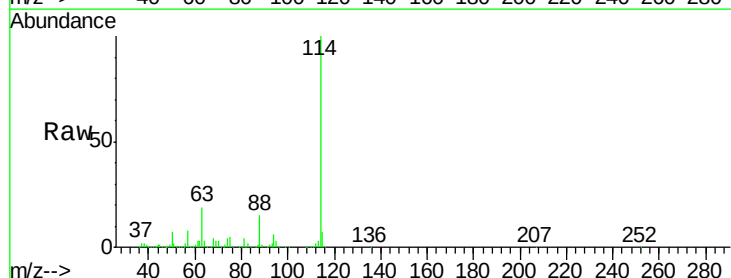
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-061518

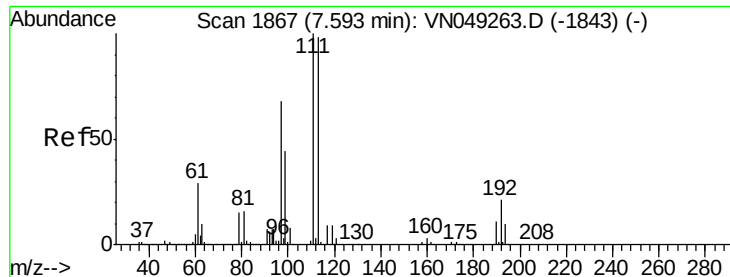
Tot Ion: 65 Resp: 840377
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049364.D
 Acq: 19 Jun 2018 1:06

Tgt Ion: 114 Resp: 1948521
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 44.4
 88 15.1 0.0 31.4

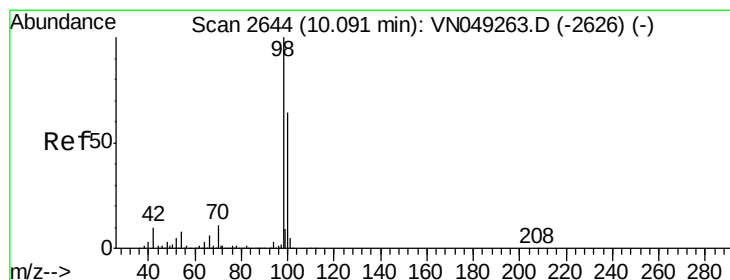
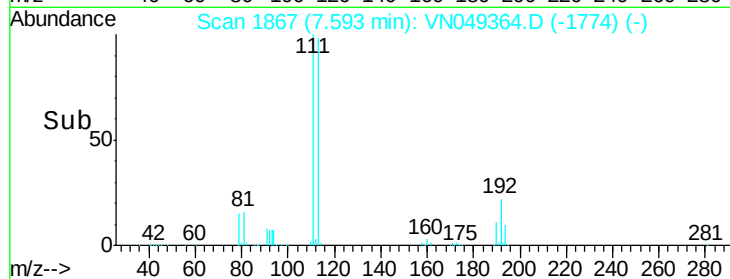
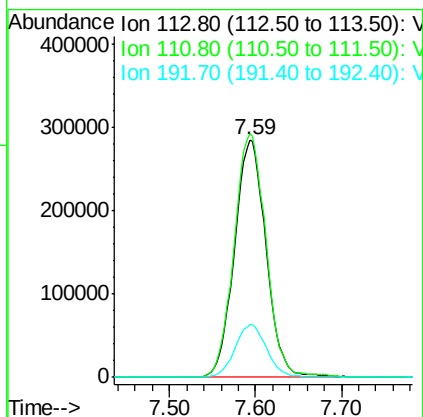
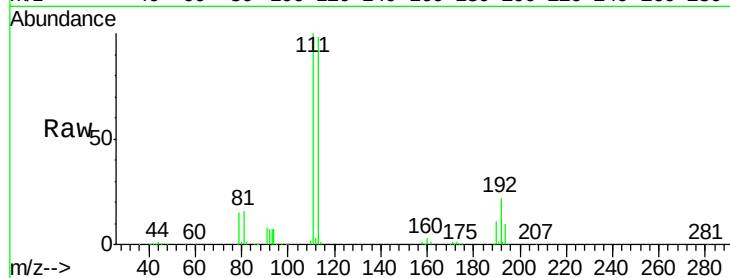




#35
 Dibromofluoromethane
 Concen: 46.185 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049364.D
 Acq: 19 Jun 2018 1:06

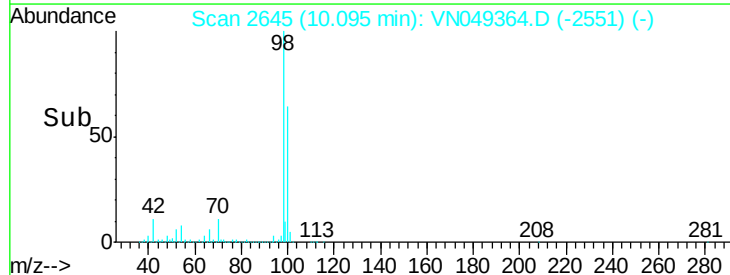
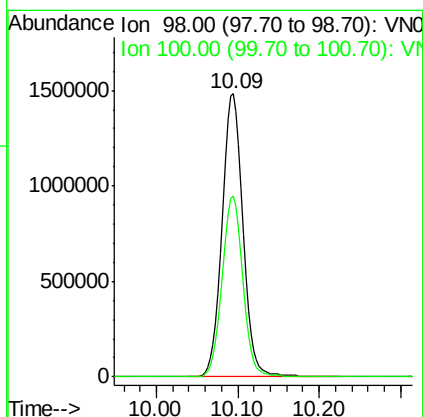
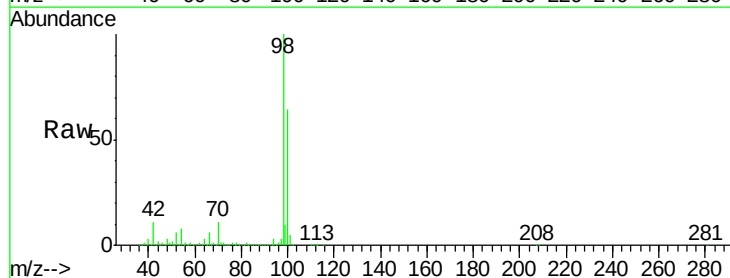
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-061518

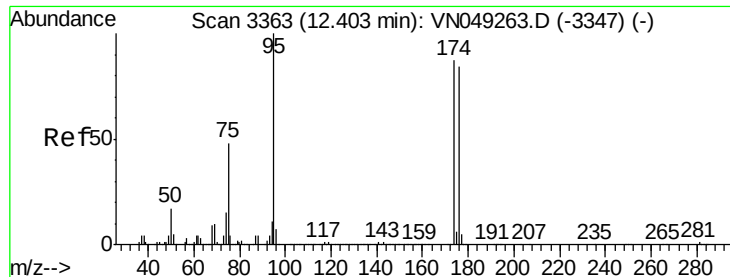
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	22.4	15.0	22.6



#50
 Toluene-d8
 Concen: 45.182 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049364.D
 Acq: 19 Jun 2018 1:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 37.676 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049364.D

Acq: 19 Jun 2018 1:06

Instrument :

MSVOA_N

ClientSampleId :

HD-01-061518

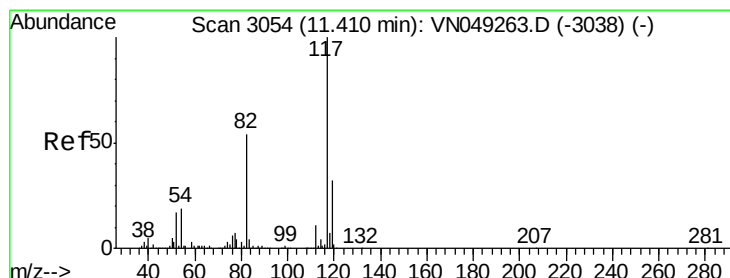
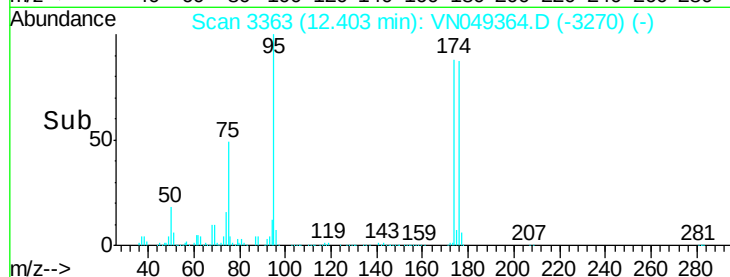
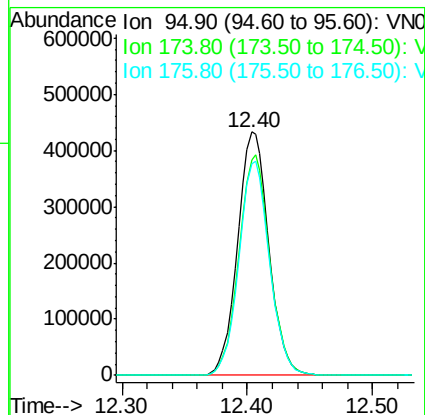
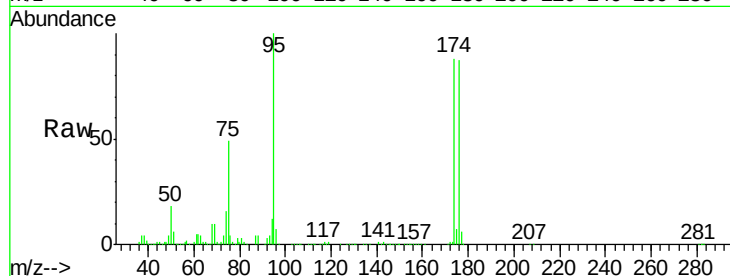
Tot Ion: 95 Resp: 747767

Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

176 86.3 0.0 157.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049364.D

Acq: 19 Jun 2018 1:06

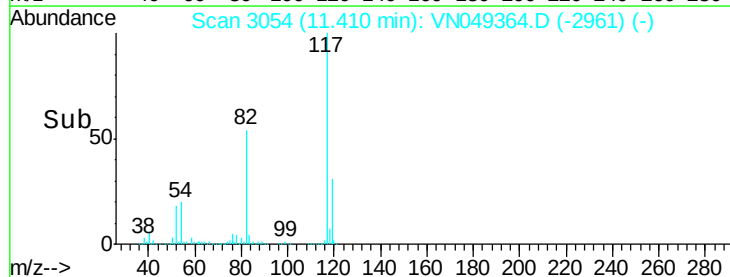
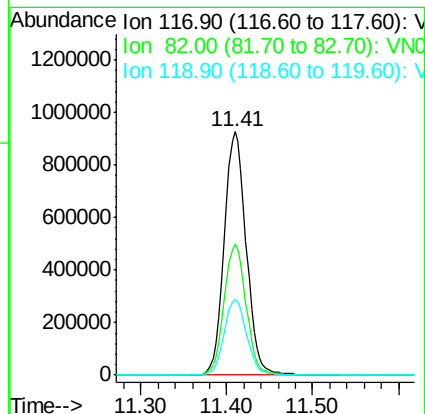
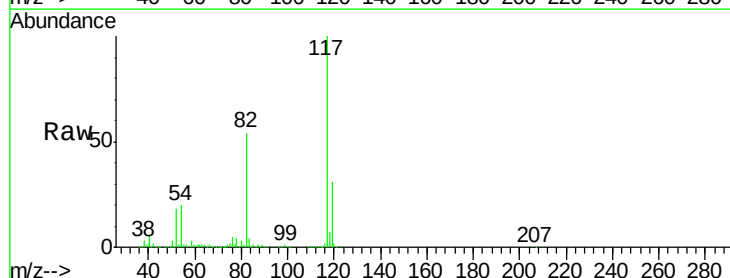
Tgt Ion: 117 Resp: 1646488

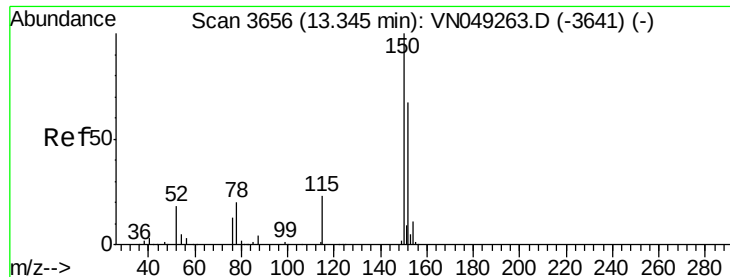
Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049364.D

Acq: 19 Jun 2018 1:06

Instrument :

MSVOA_N

ClientSampleId :

HD-01-061518

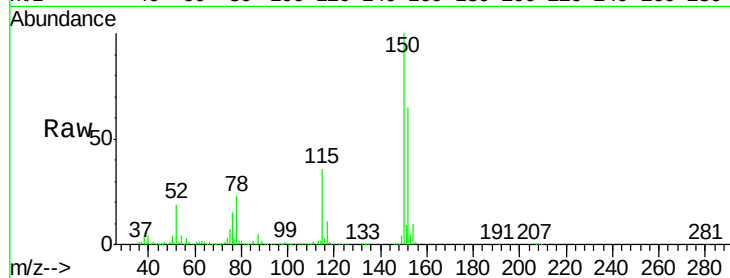
Tot Ion:152 Resp: 608280

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.1

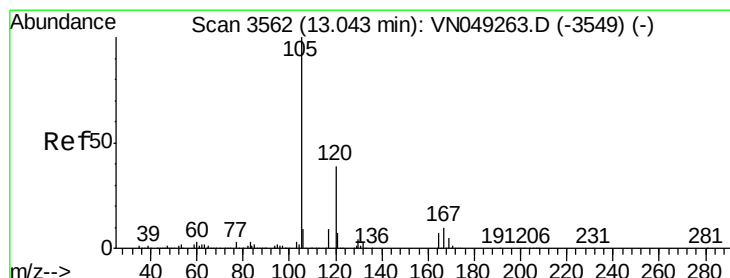
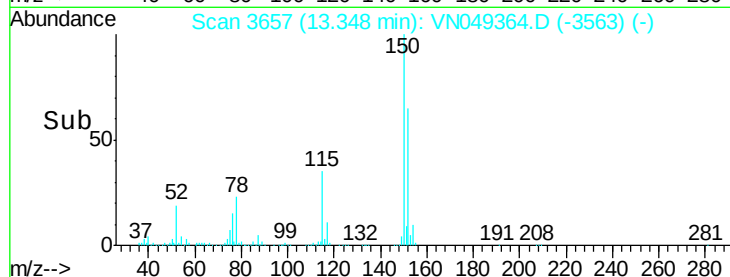
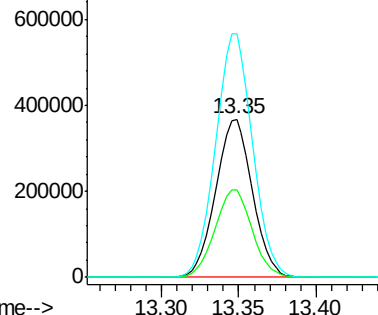
150 154.8 0.0 351.0



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: 1.171 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049364.D

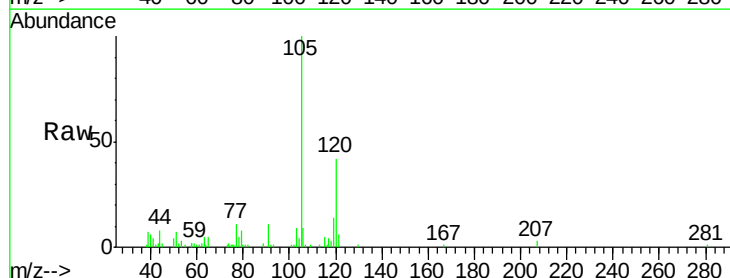
Acq: 19 Jun 2018 1:06

Tgt Ion:105 Resp: 48826

Ion Ratio Lower Upper

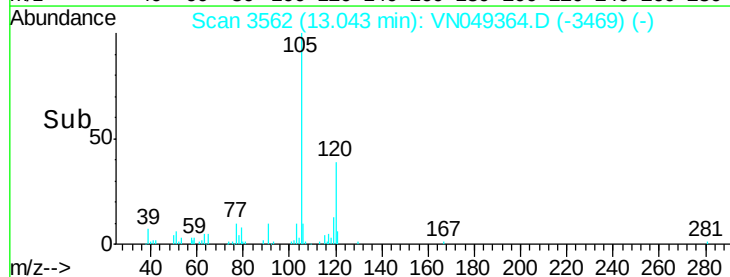
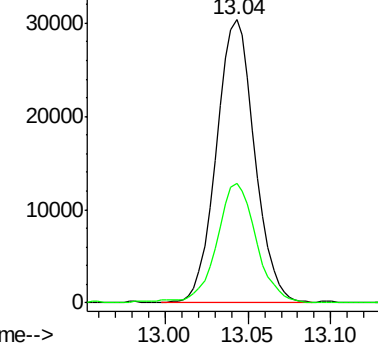
105 100

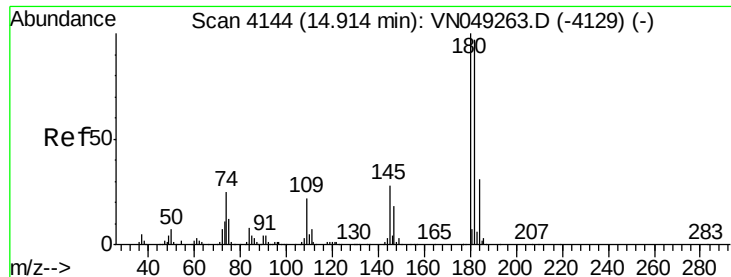
120 43.5 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

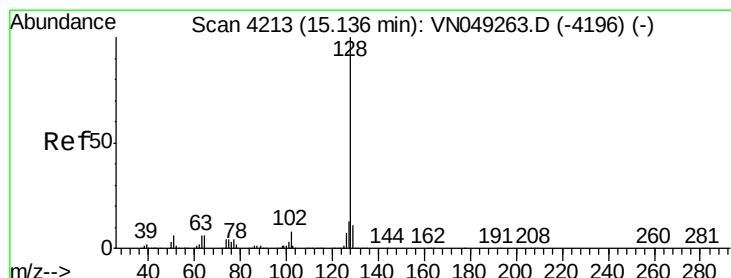
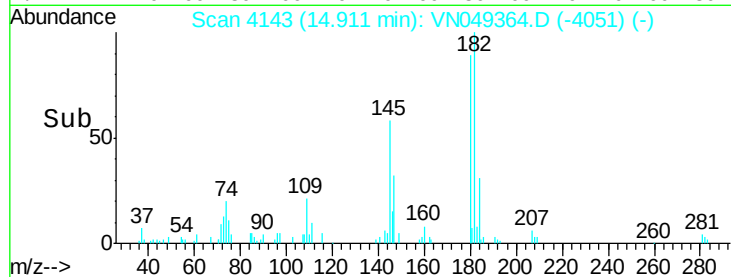
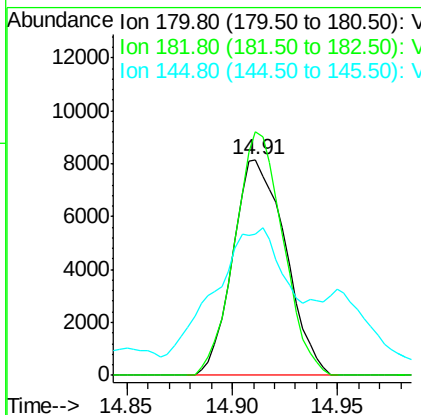
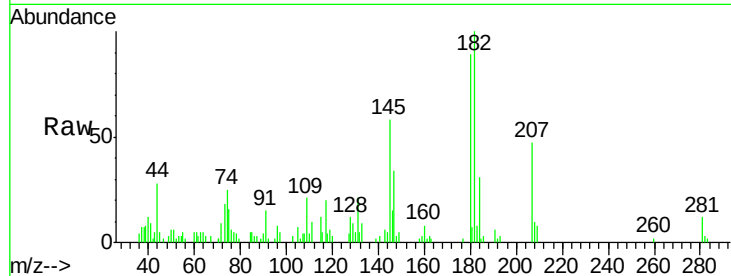




#93
 1,2,4-Trichlorobenzene
 Concen: 5.968 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049364.D
 Acq: 19 Jun 2018 1:06

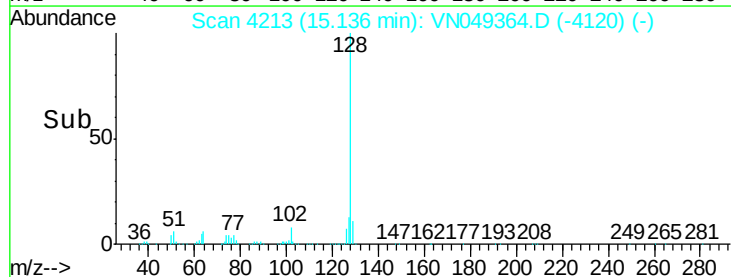
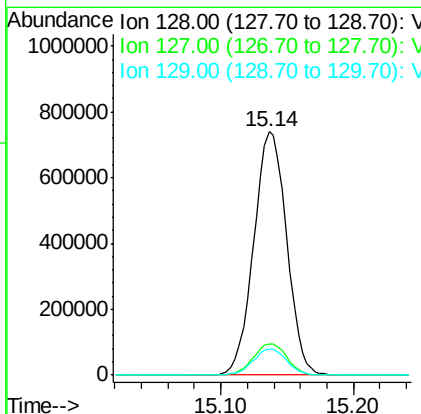
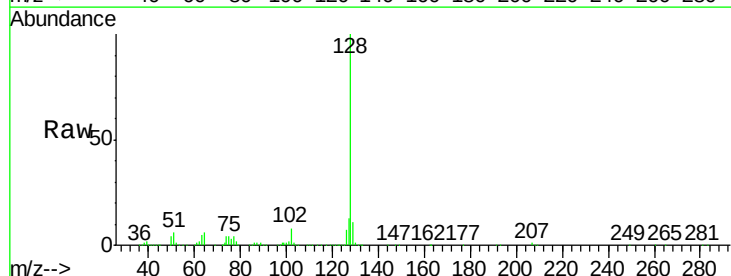
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-061518

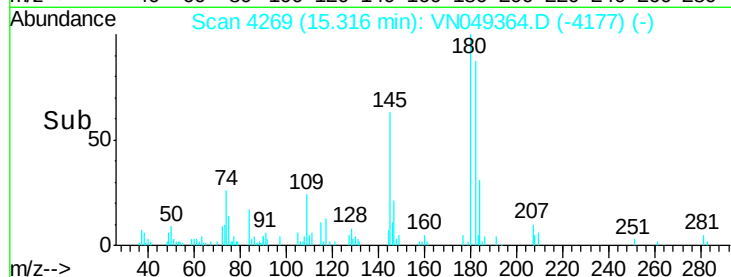
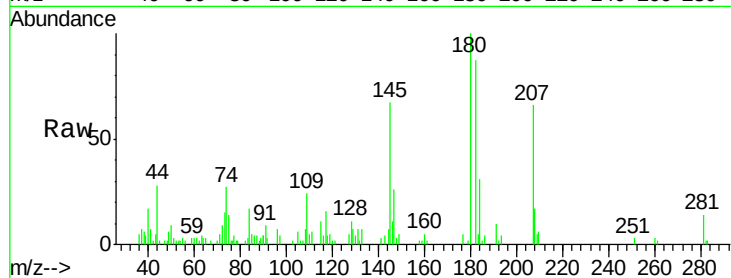
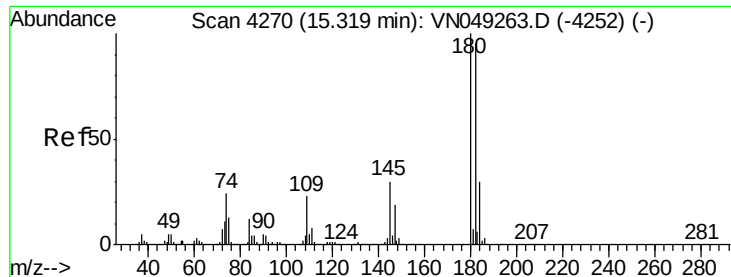
Tot Ion:180 Resp: 14126
 Ion Ratio Lower Upper
 180 100
 182 103.3 46.9 140.8
 145 79.0 14.7 44.1#



#95
 Naphthalene
 Concen: 65.512 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049364.D
 Acq: 19 Jun 2018 1:06

Tgt Ion:128 Resp: 1275391
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.6 16.0
 129 10.7 8.5 12.7





#96

1,2,3-Trichlorobenzene

Concen: 4.941 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049364.D

Acq: 19 Jun 2018 1:06

Instrument :

MSVOA_N

ClientSampleId :

HD-01-061518

Tot Ion:180 Resp: 16256

Ion Ratio Lower Upper

180 100

182 93.2 47.3 141.8

145 106.2 15.6 46.7#

