

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050228.D
 Acq On : 31 Jul 2018 20:40
 Operator : MD\SY
 Sample : J4234-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONE-CONCRETE

Quant Time: Aug 01 04:50:04 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

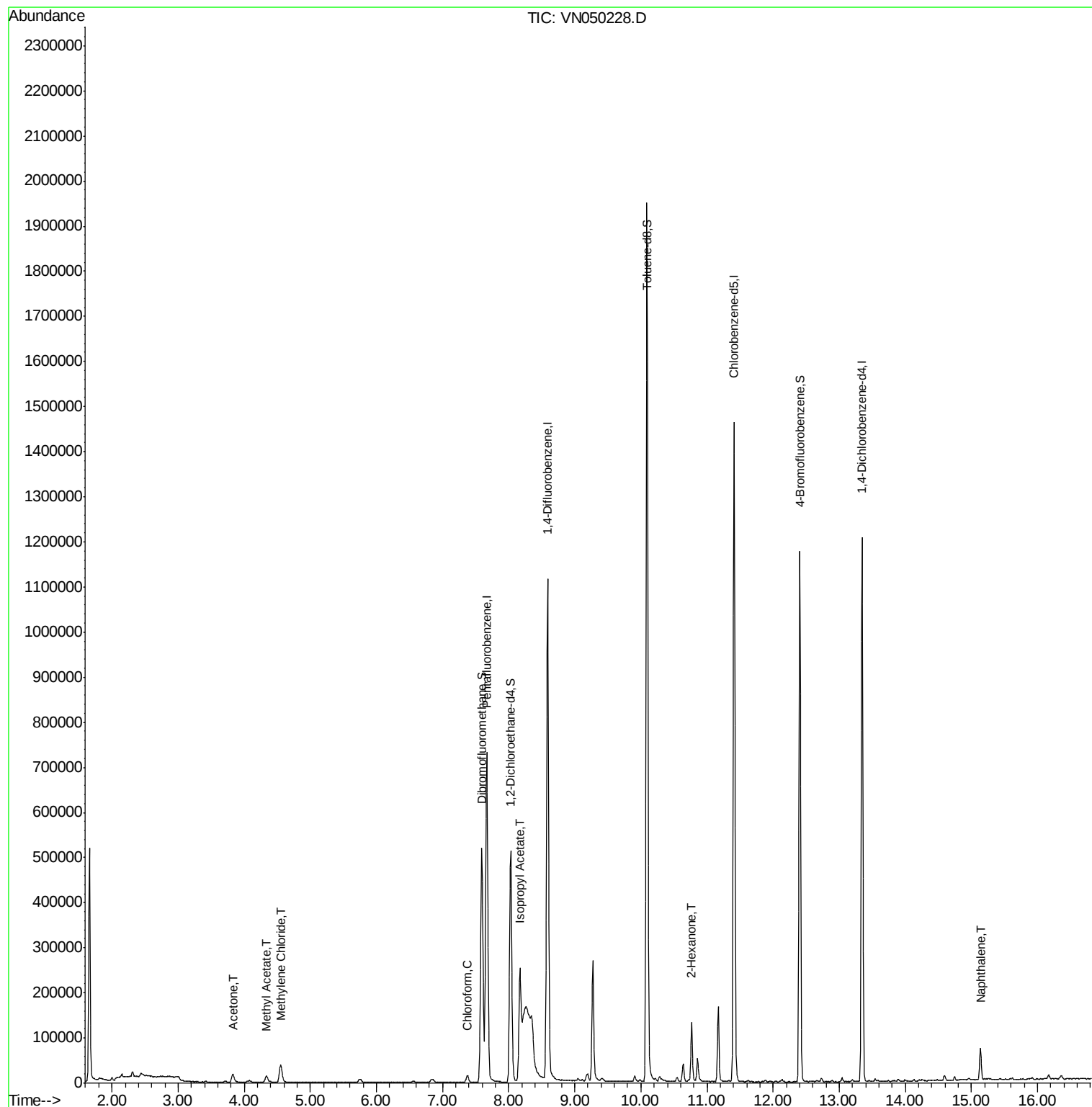
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	627145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1039249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	889917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	446074	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
35) Dibromofluoromethane	7.59	113	399811	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
50) Toluene-d8	10.09	98	1410016	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
62) 4-Bromofluorobenzene	12.40	95	397107	38.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.32%	
Target Compounds						
16) Acetone	3.82	43	31895	11.329	ug/l	98
18) Methyl Acetate	4.34	43	28559	1.998	ug/l	98
20) Methylene Chloride	4.55	84	30218	2.709	ug/l	96
30) Chloroform	7.38	83	16960	1.144	ug/l	97
43) Isopropyl Acetate	8.17	43	304047	19.059	ug/l #	92
59) 2-Hexanone	10.77	43	17373	8.059	ug/l #	61
95) Naphthalene	15.14	128	60439	7.936	ug/l	99

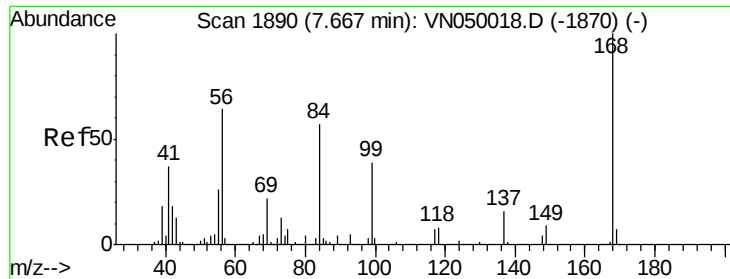
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1890

Delta R.T. -0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

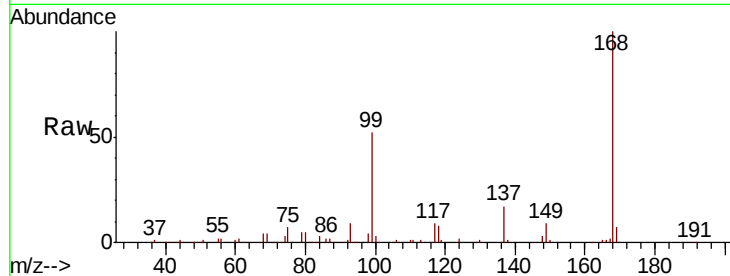
OILY-STONE-CONCRETE

Tot Ion:168 Resp: 627145

Ion Ratio Lower Upper

168 100

99 52.0 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

250000

200000

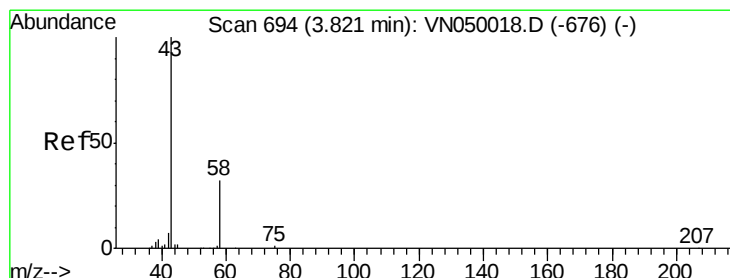
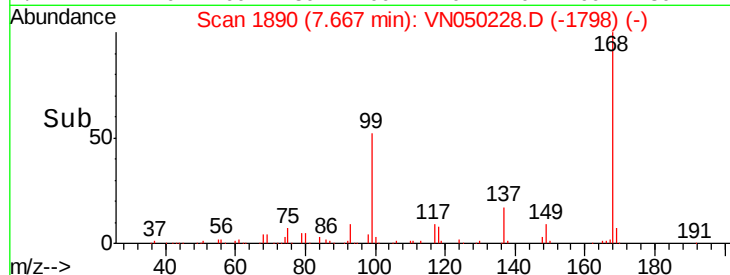
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.329 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050228.D

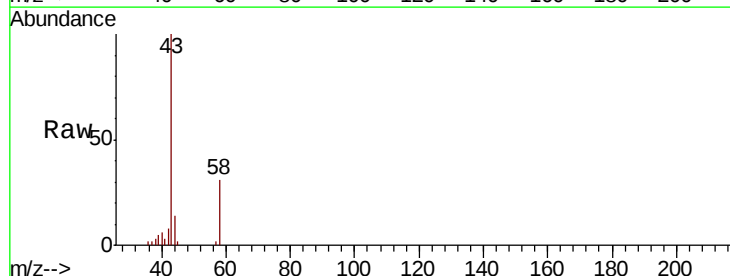
Acq: 31 Jul 2018 20:40

Tgt Ion: 43 Resp: 31895

Ion Ratio Lower Upper

43 100

58 31.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

12000

10000

8000

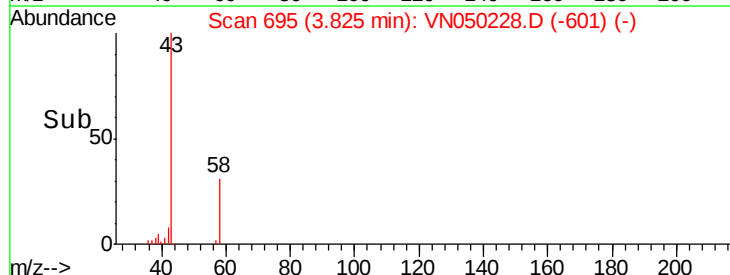
6000

4000

2000

0

Time-->





#18

Methvl Acetate

Concen: 1.998 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

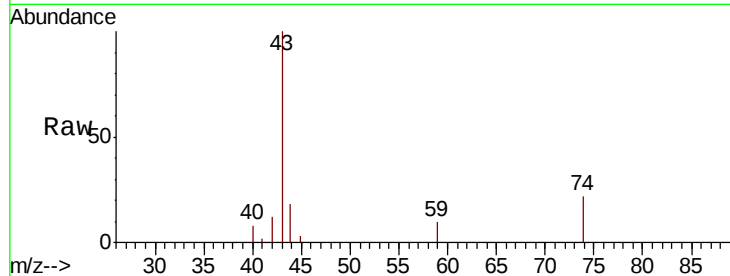
OILY-STONE-CONCRETE

Tot Ion: 43 Resp: 28559

Ion Ratio Lower Upper

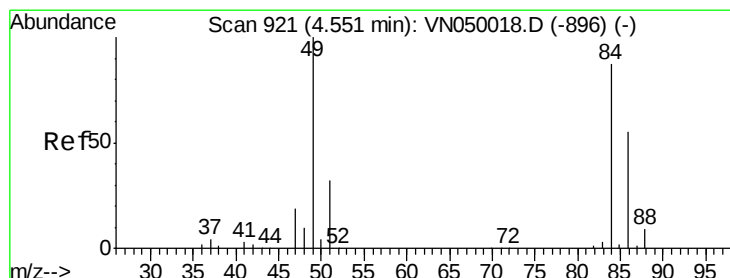
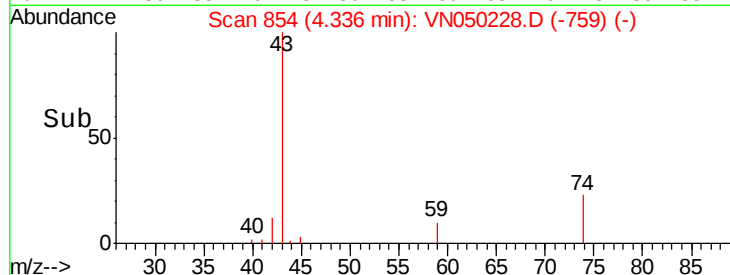
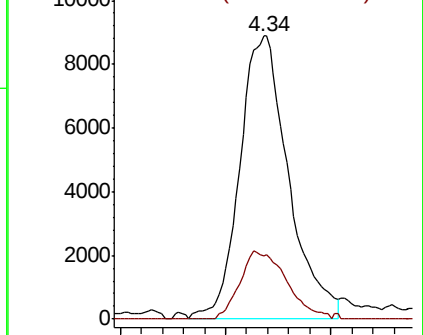
43 100

74 22.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050228.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN050228.D (-759) (-)



#20

Methylene Chloride

Concen: 2.709 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Tgt Ion: 84 Resp: 30218

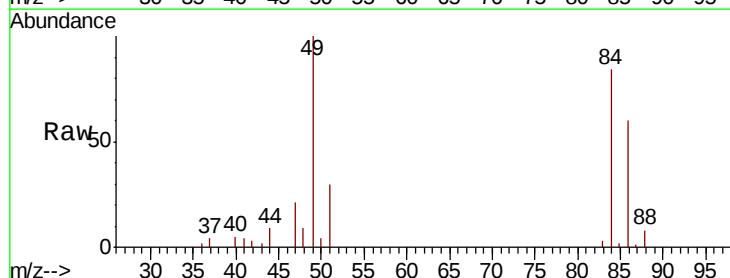
Ion Ratio Lower Upper

84 100

49 119.6 94.8 142.2

51 35.6 28.3 42.5

86 71.6 51.0 76.6

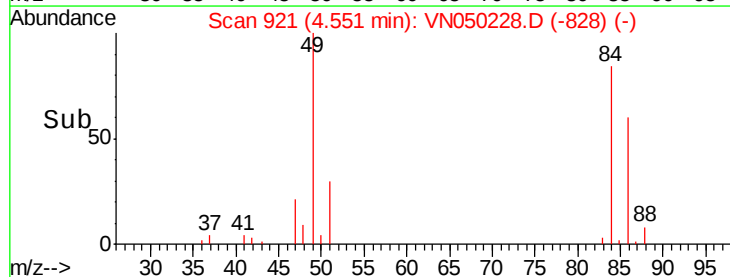
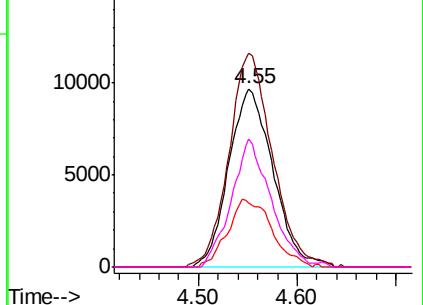


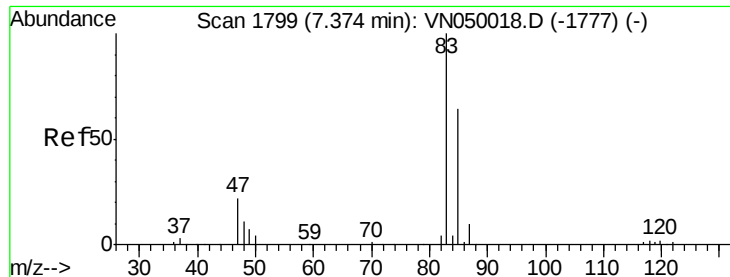
Abundance Ion 83.90 (83.60 to 84.60): VN050228.D (-828) (-)

Ion 48.90 (48.60 to 49.60): VN050228.D (-828) (-)

Ion 50.90 (50.60 to 51.60): VN050228.D (-828) (-)

Ion 85.90 (85.60 to 86.60): VN050228.D (-828) (-)

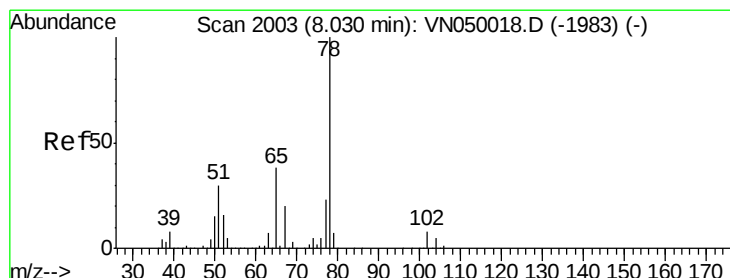
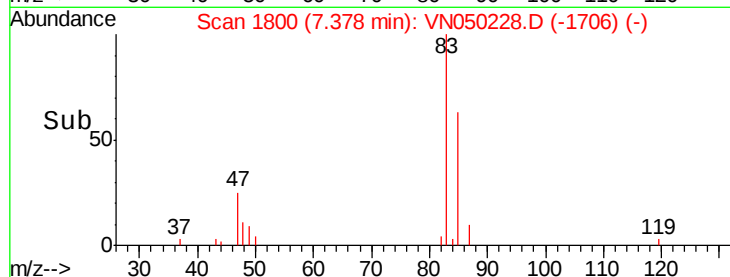
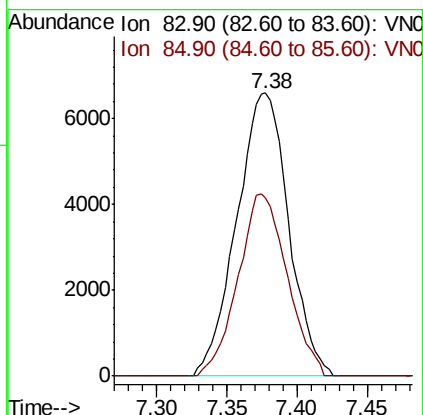
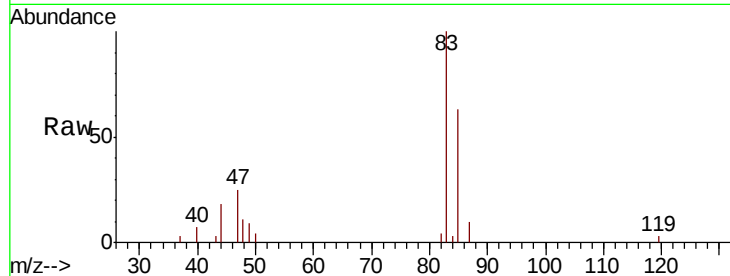




#30
Chloroform
Concen: 1.144 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

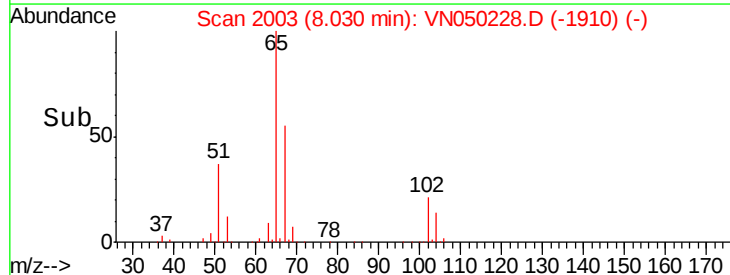
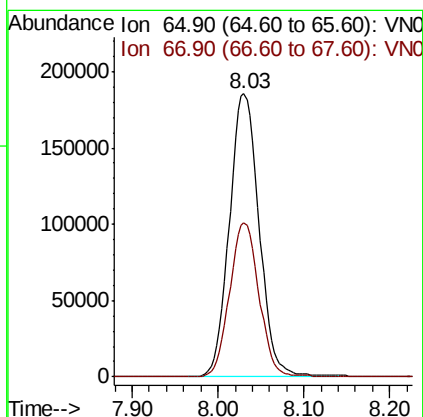
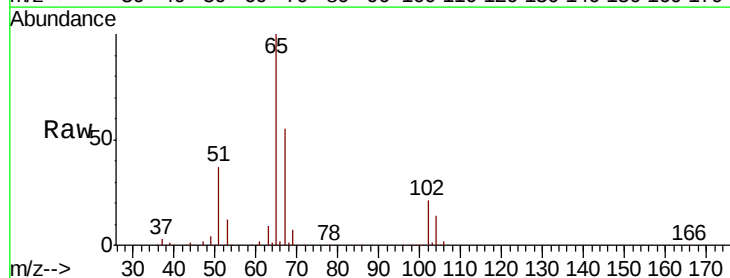
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONE-CONCRETE

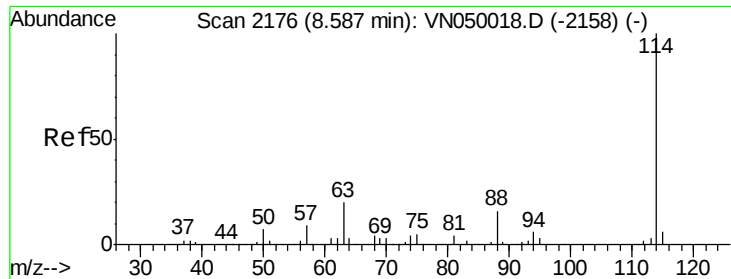
Tot Ion: 83 Resp: 16960
Ion Ratio Lower Upper
83 100
85 62.8 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 50.979 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

Tgt Ion: 65 Resp: 446074
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.4

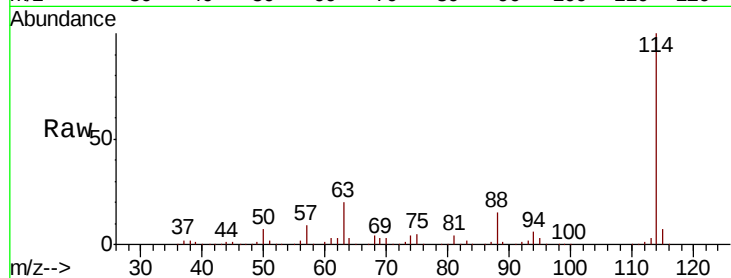




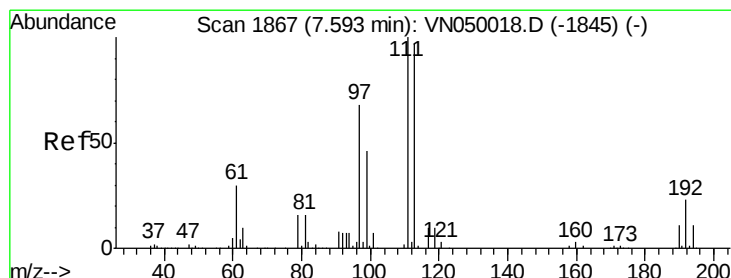
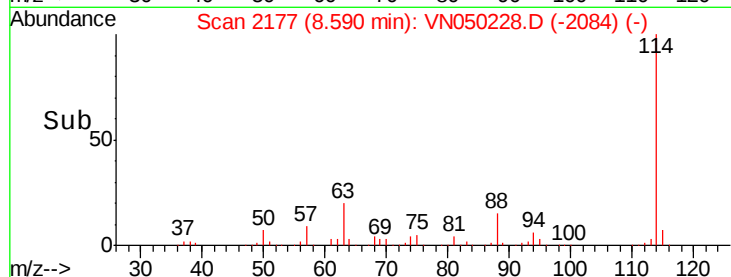
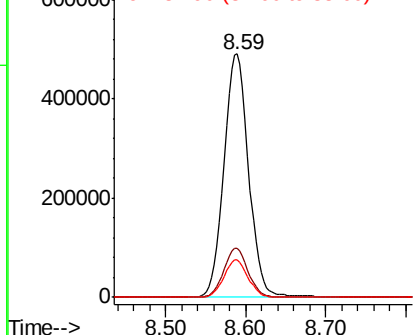
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050228.D
 Acq: 31 Jul 2018 20:40

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONE-CONCRETE

Tot Ion:114 Resp: 1039249
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.4 0.0 31.2

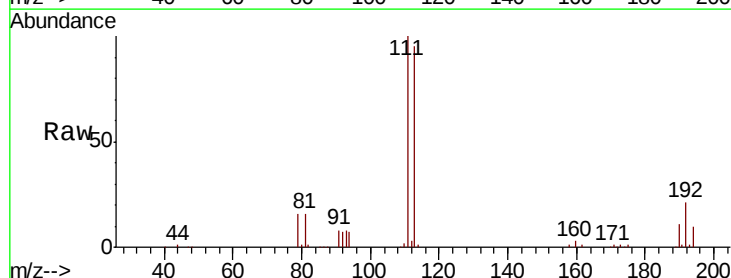


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

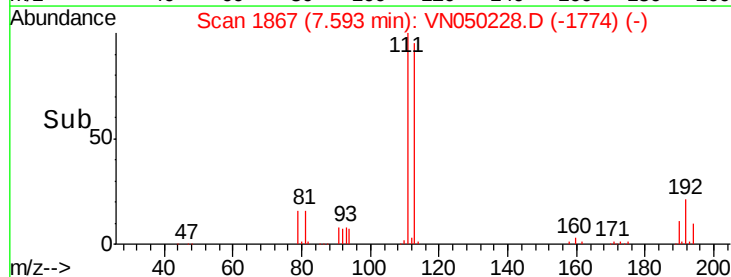
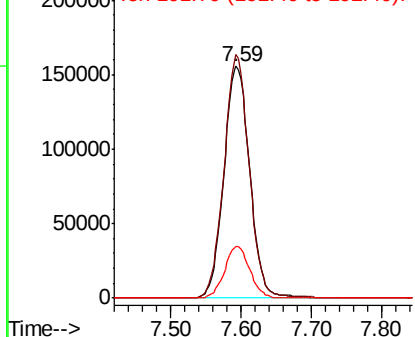


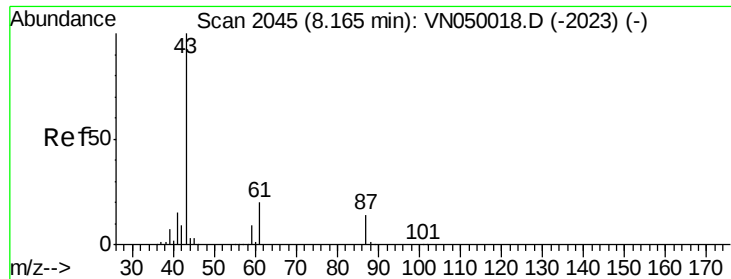
#35
 Dibromofluoromethane
 Concen: 47.119 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050228.D
 Acq: 31 Jul 2018 20:40

Tgt Ion:113 Resp: 399811
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 21.7 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: 19.059 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

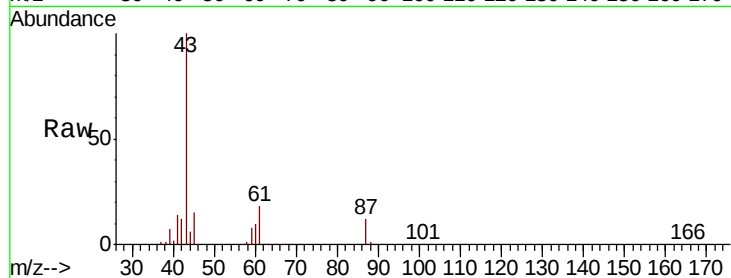
Tot Ion: 43 Resp: 304047

Ion Ratio Lower Upper

43 100

61 15.7 15.8 23.6#

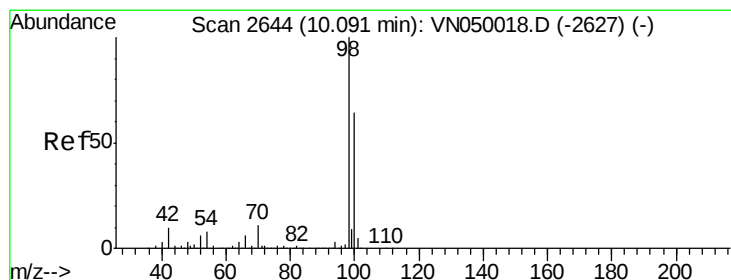
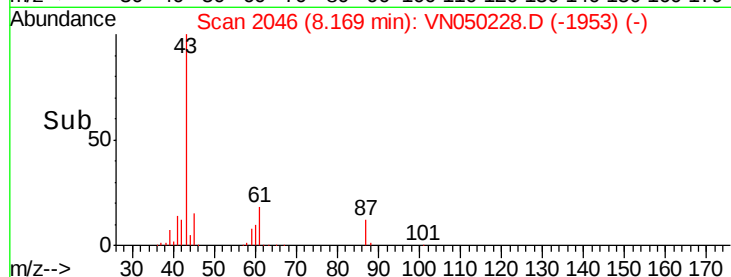
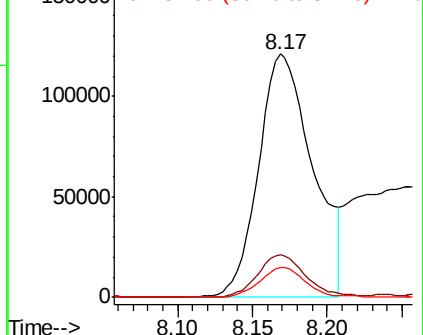
87 10.6 10.3 15.5



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: 45.200 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050228.D

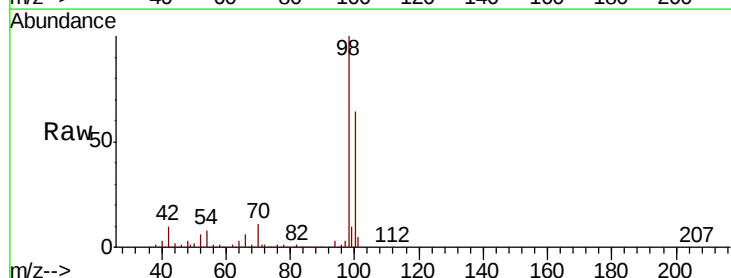
Acq: 31 Jul 2018 20:40

Tgt Ion: 98 Resp: 1410016

Ion Ratio Lower Upper

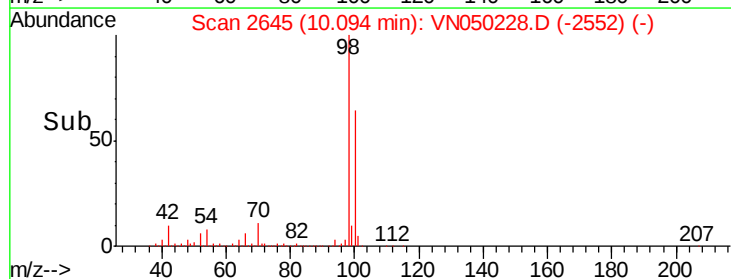
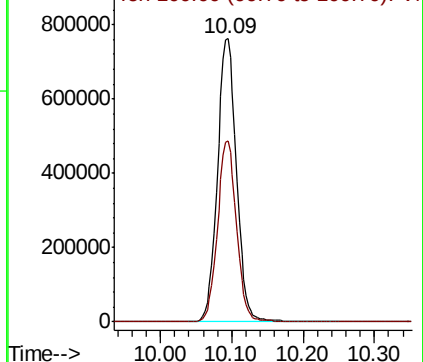
98 100

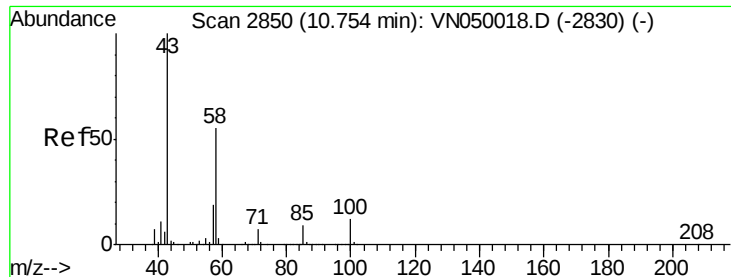
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 8.059 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

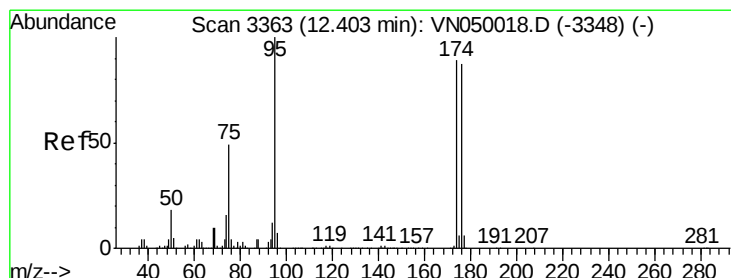
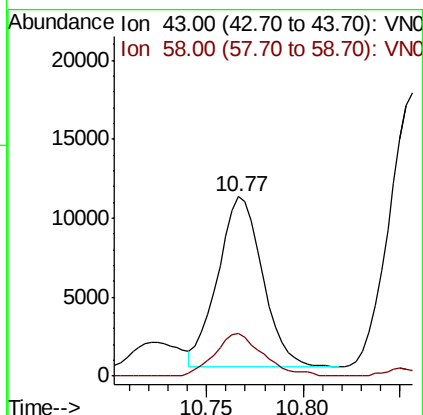
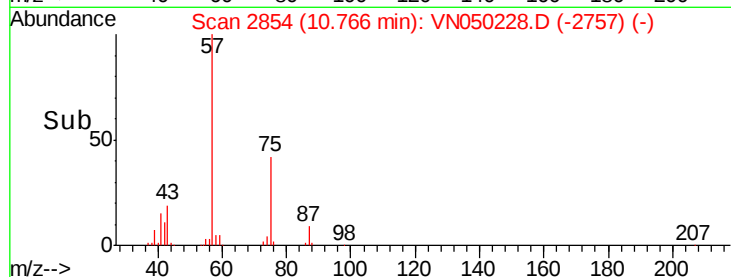
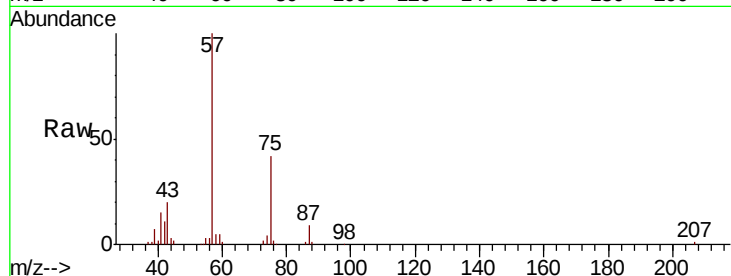
OILY-STONE-CONCRETE

Tot Ion: 43 Resp: 17373

Ion Ratio Lower Upper

43 100

58 27.2 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 38.660 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

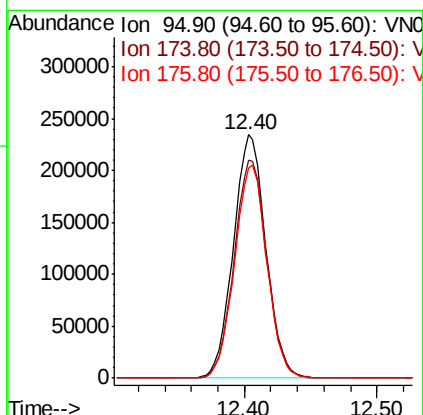
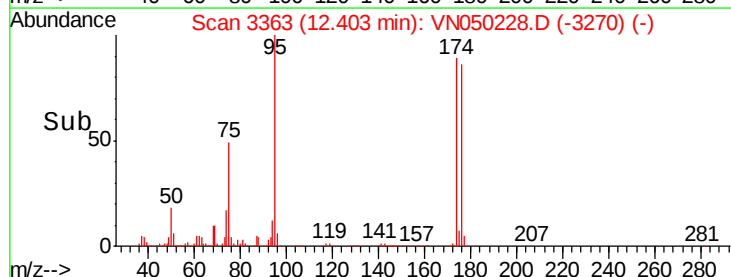
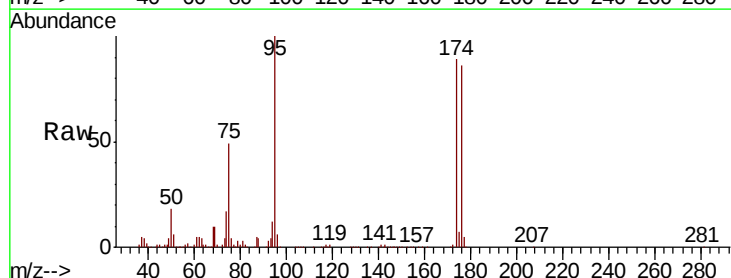
Tgt Ion: 95 Resp: 397107

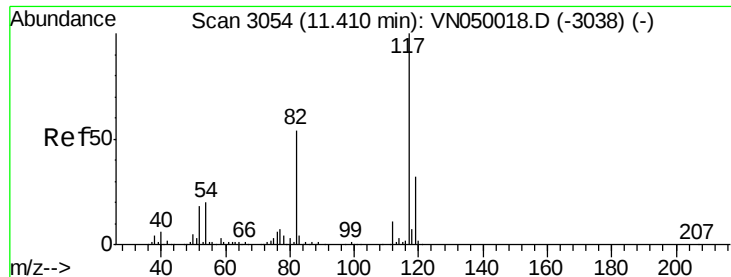
Ion Ratio Lower Upper

95 100

174 91.0 0.0 178.2

176 87.3 0.0 173.4

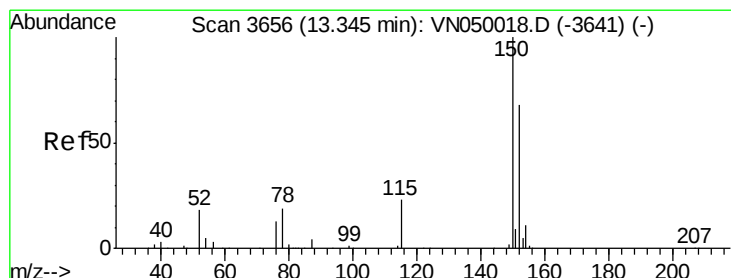
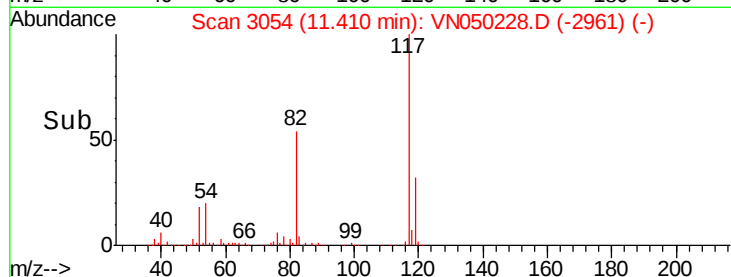
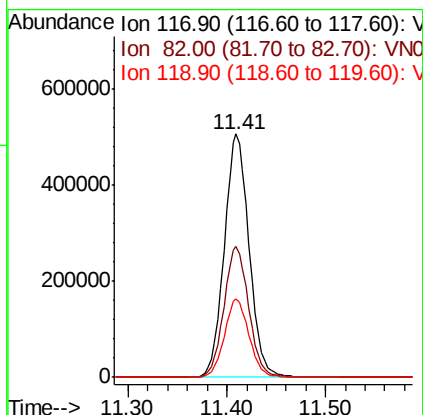
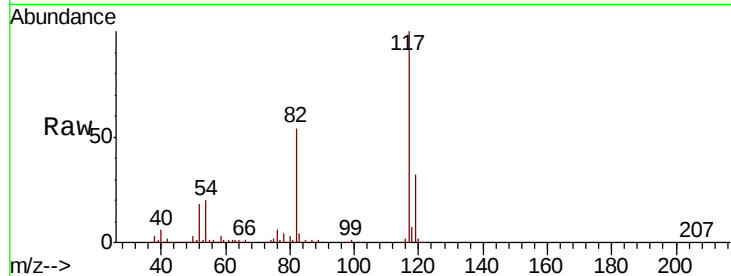




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

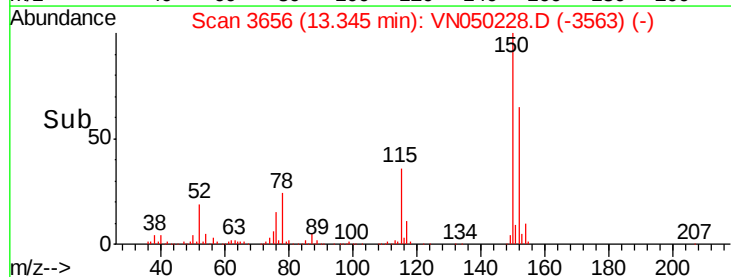
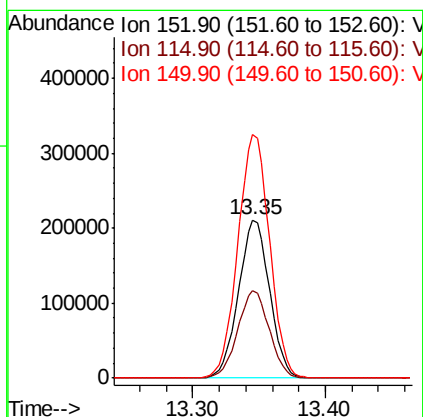
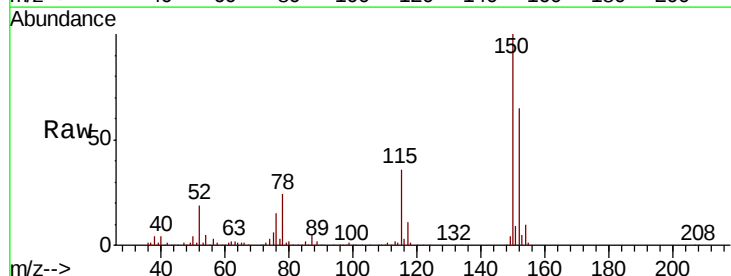
Instrument :
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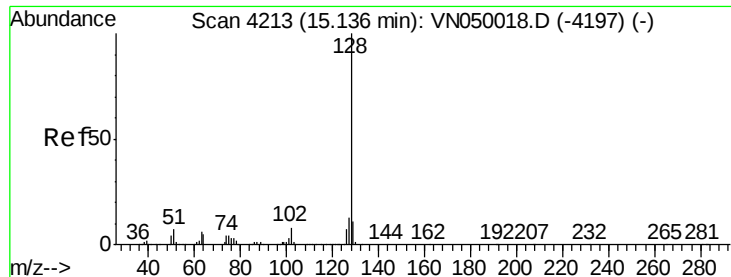
Tot Ion:117 Resp: 889917
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

Tgt Ion:152 Resp: 342659
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.3
150 157.6 0.0 348.6

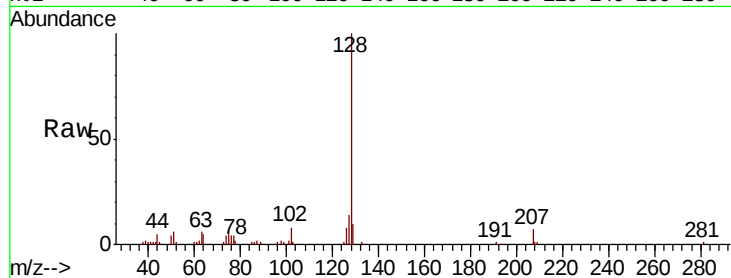




#95
Naphthalene
Concen: 7.936 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONE-CONCRETE

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	10.8	8.8	13.2



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

