

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056341.D
 Acq On : 17 Jun 2019 15:34
 Operator : JC/SP
 Sample : K3407-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Jun 18 05:22:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

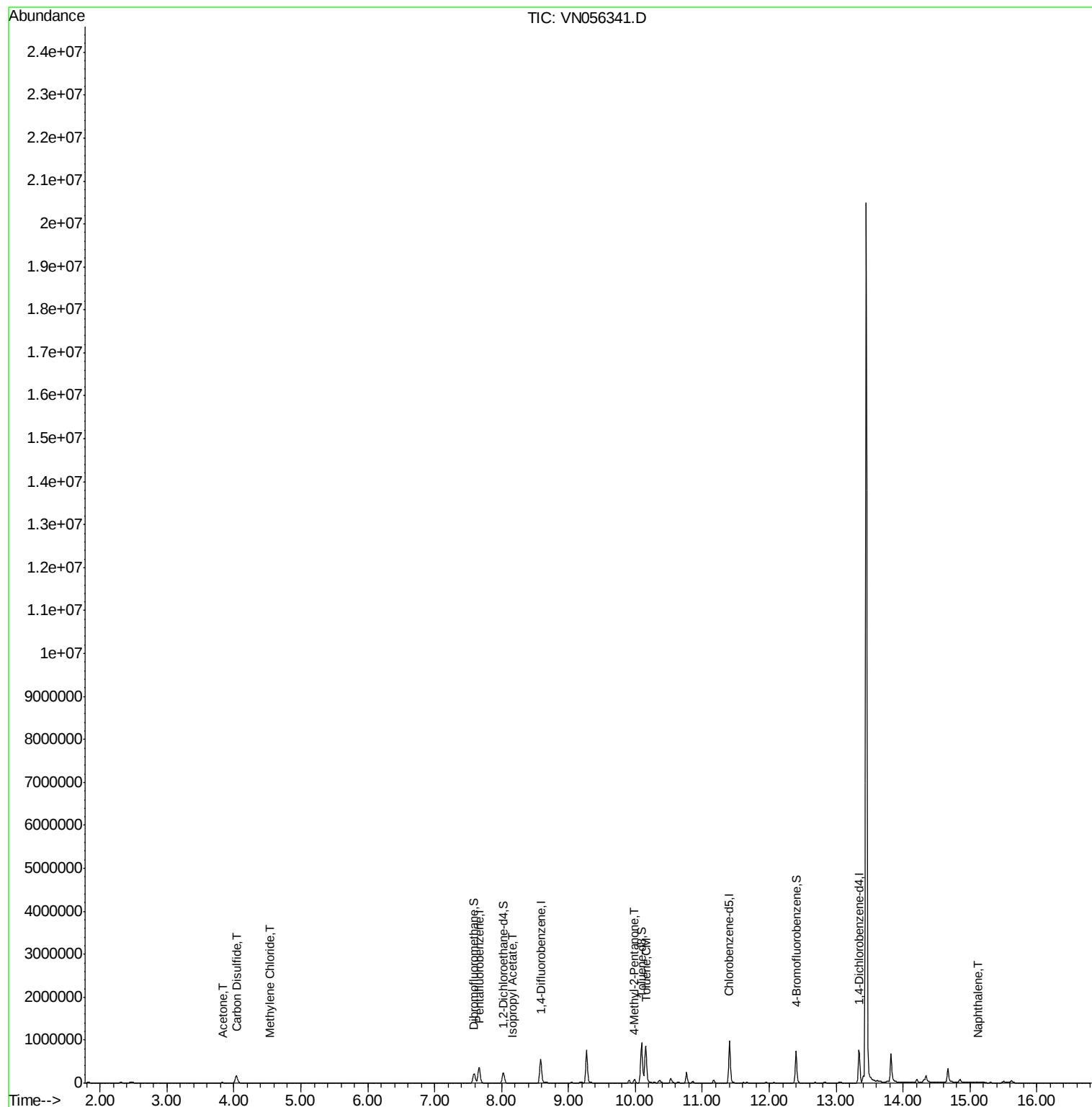
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	330340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	559330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	578600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	237189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191690	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.59	113	166106	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	10.09	98	708966	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.40	95	259990	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	19785	9.640	ug/l	99
17) Carbon Disulfide	4.04	76	324469	39.556	ug/l	100
20) Methylene Chloride	4.55	84	4265	1.177	ug/l	94
43) Isopropyl Acetate	8.17	43	7895	1.035	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	61057	12.555	ug/l	98
52) Toluene	10.16	92	398066	42.714	ug/l	99
95) Naphthalene	15.13	128	3998	4.995	ug/l #	90

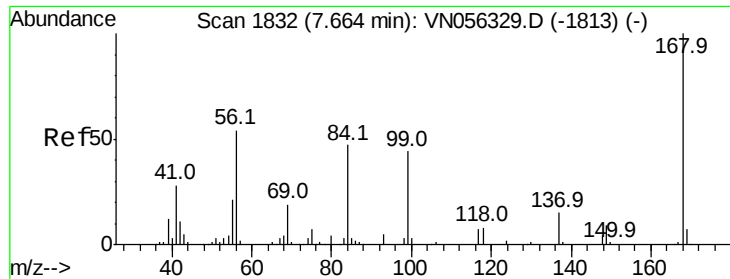
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061719\
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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

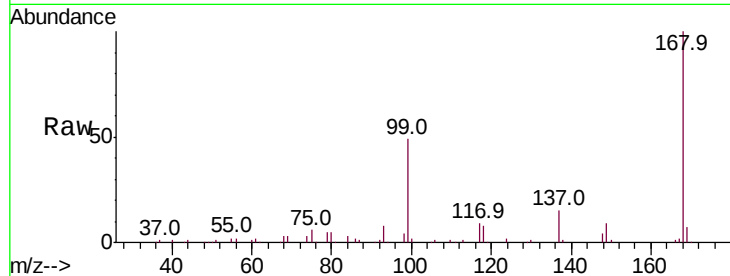
OILY-DEBRIS

Tot Ion:168 Resp: 330340

Ion Ratio Lower Upper

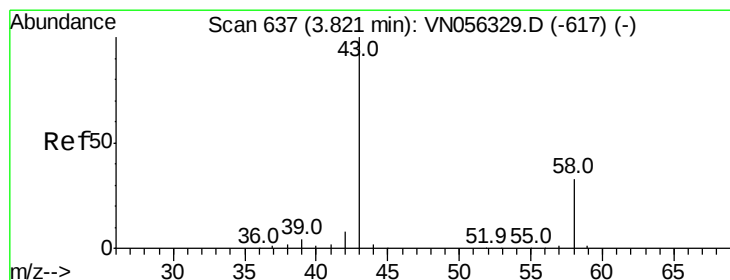
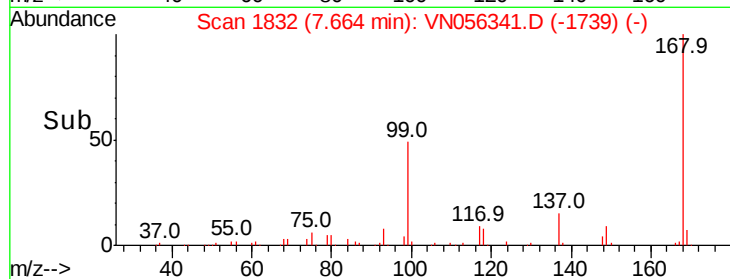
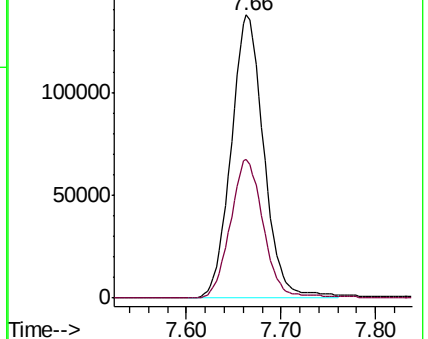
168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.640 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN056341.D

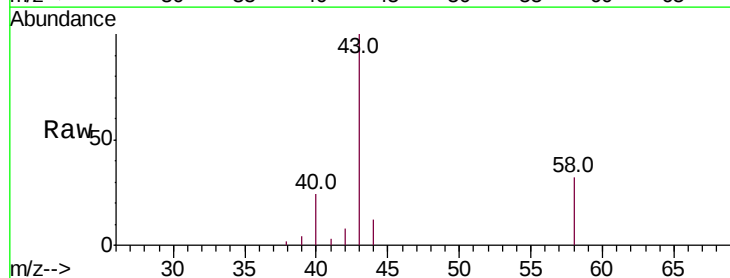
Acq: 17 Jun 2019 15:34

Tgt Ion: 43 Resp: 19785

Ion Ratio Lower Upper

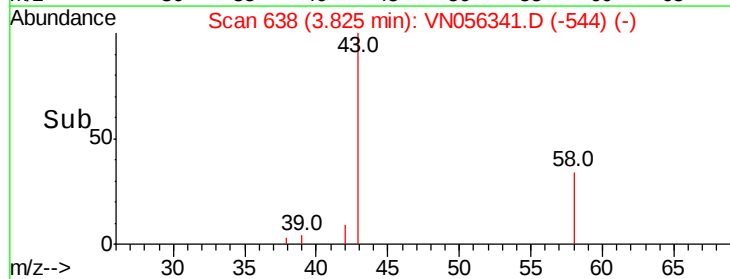
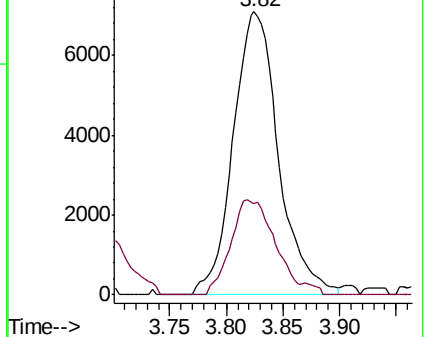
43 100

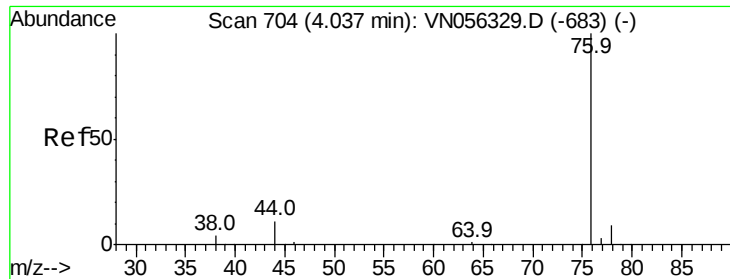
58 32.4 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

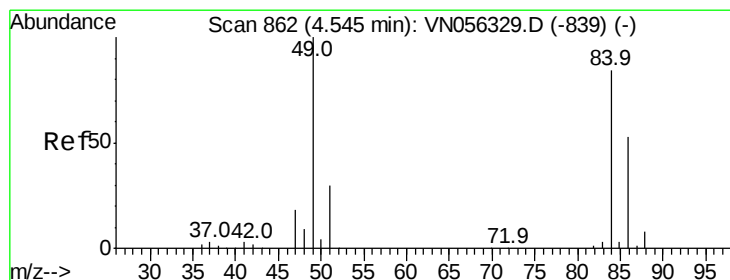
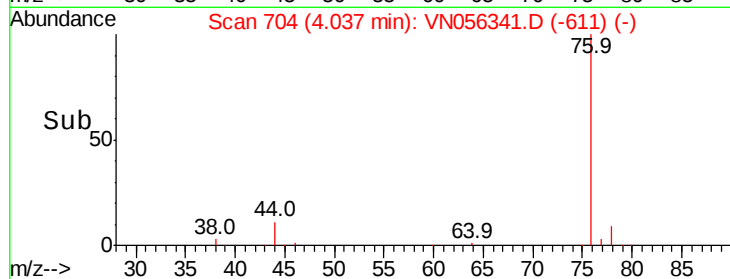
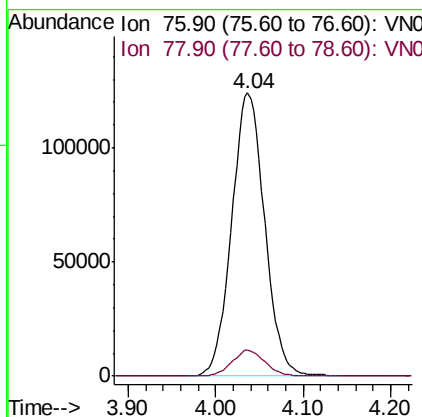
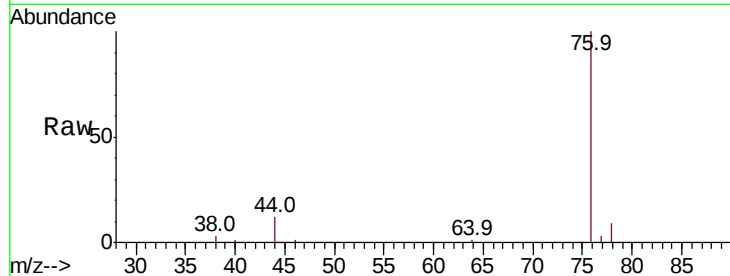




#17
Carbon Disulfide
Concen: 39.556 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

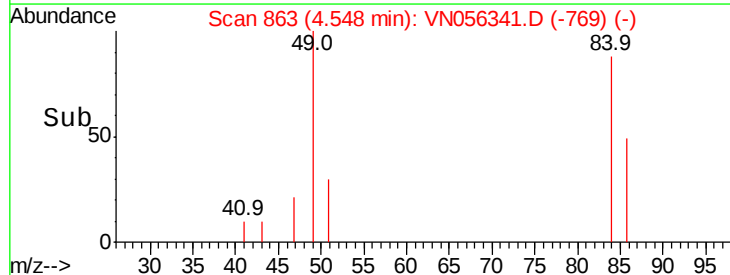
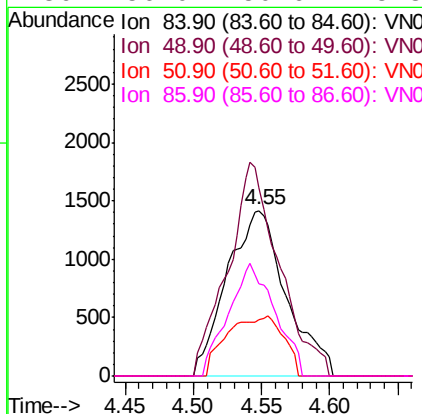
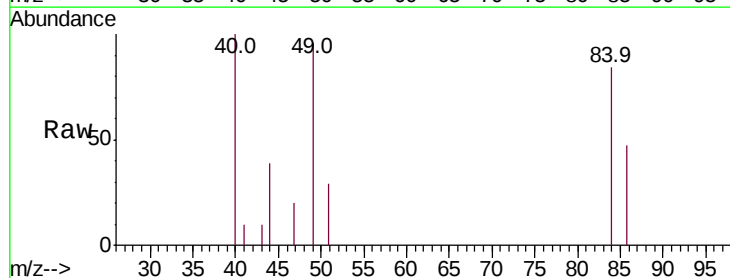
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

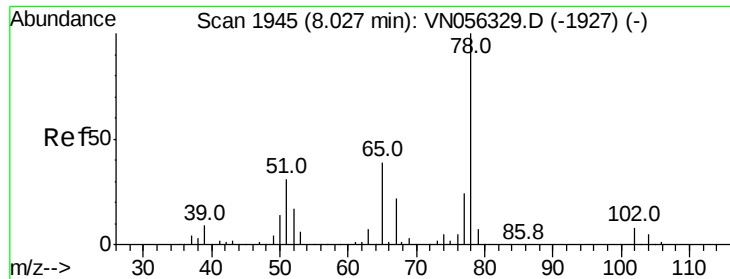
Tot Ion: 76 Resp: 324469
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#20
Methylene Chloride
Concen: 1.177 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Tgt Ion: 84 Resp: 4265
Ion Ratio Lower Upper
84 100
49 113.7 95.0 142.6
51 34.1 28.2 42.4
86 56.0 50.6 75.8

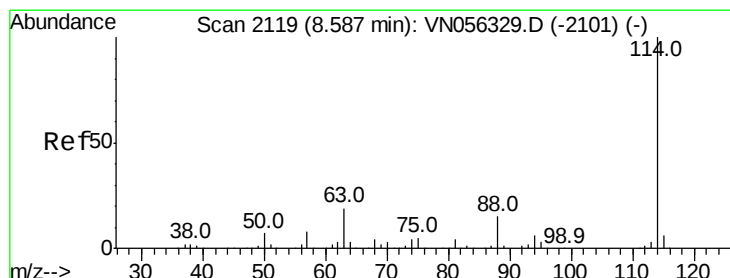
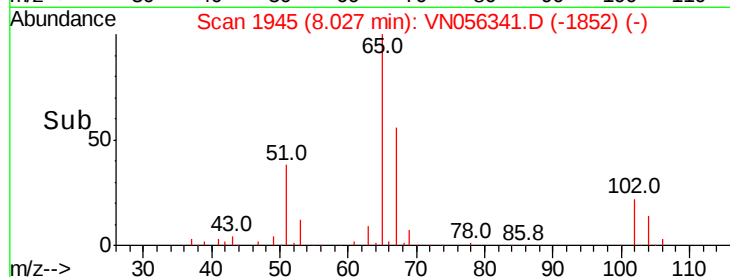
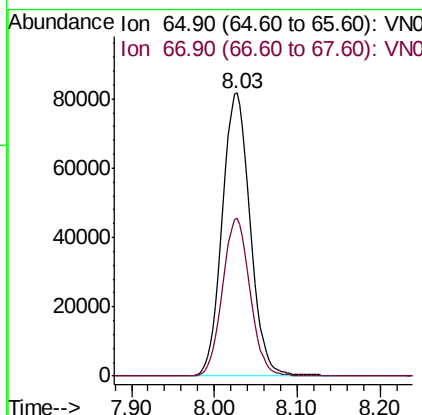
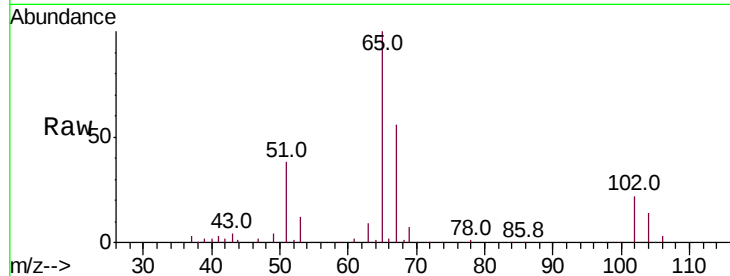




#33
 1,2-Dichloroethane-d4
 Concen: 51.608 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

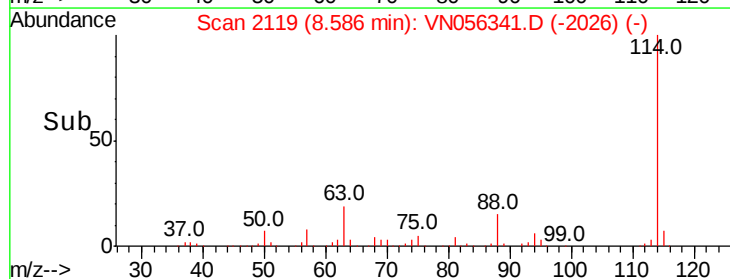
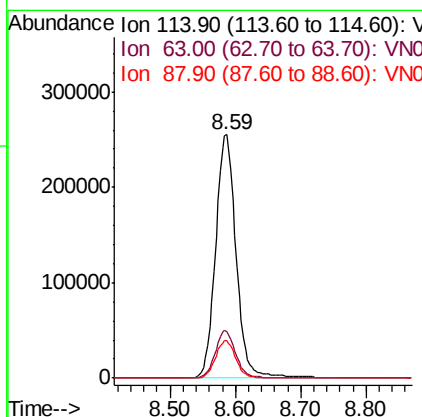
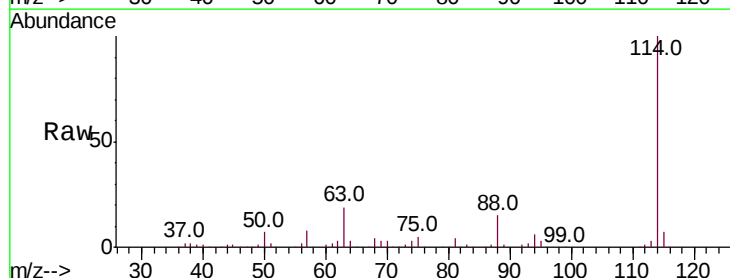
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS

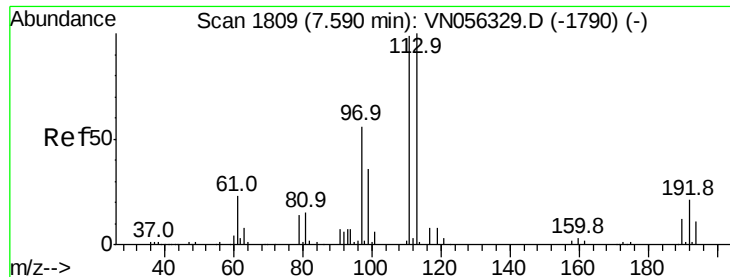
Tot Ion: 65 Resp: 191690
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN056341.D
 Acq: 17 Jun 2019 15:34

Tgt Ion: 114 Resp: 559330
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.309 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS

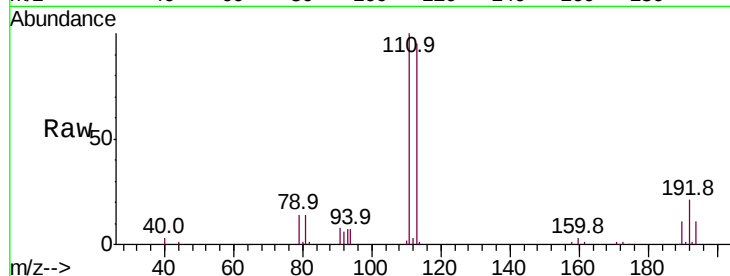
Tot Ion:113 Resp: 166106

Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

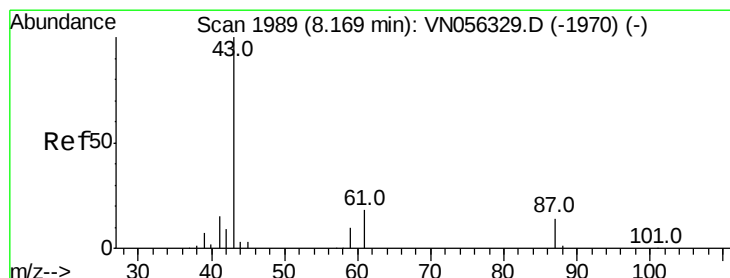
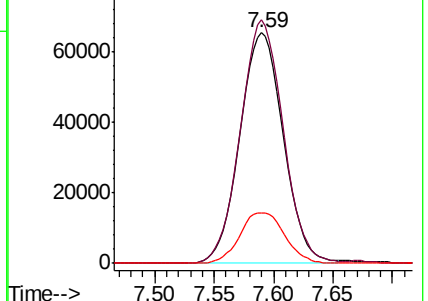
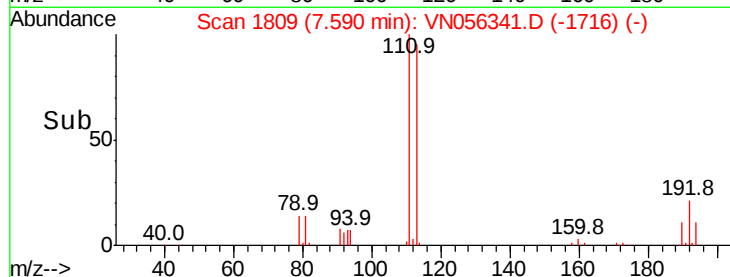
192 22.7 17.6 26.4



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: 1.035 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

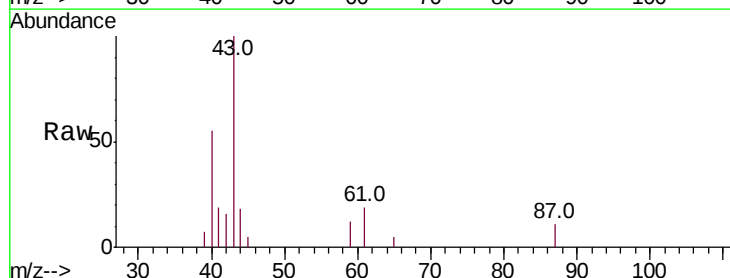
Tgt Ion: 43 Resp: 7895

Ion Ratio Lower Upper

43 100

61 21.6 16.6 25.0

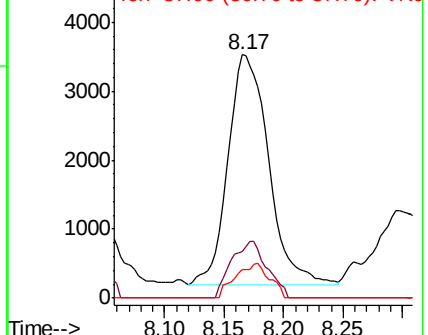
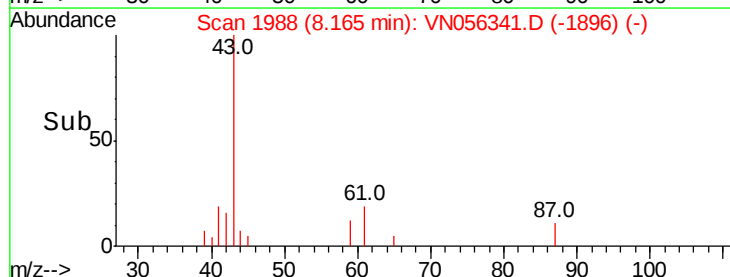
87 12.7 11.0 16.4

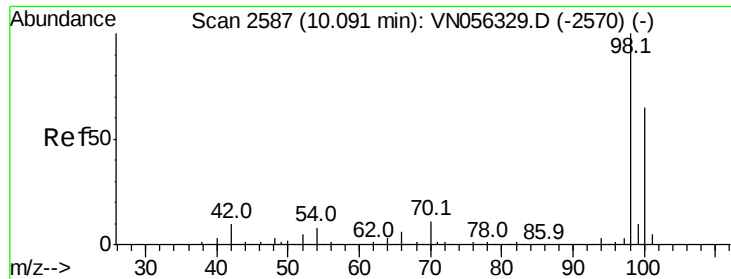


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.739 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

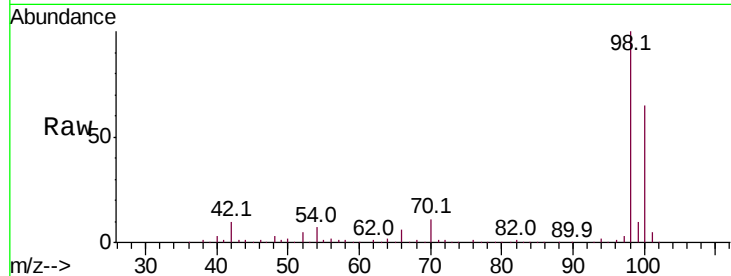
OILY-DEBRIS

Tot Ion: 98 Resp: 708966

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN056329.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056329.D (-2570) (-)

10.09

400000

300000

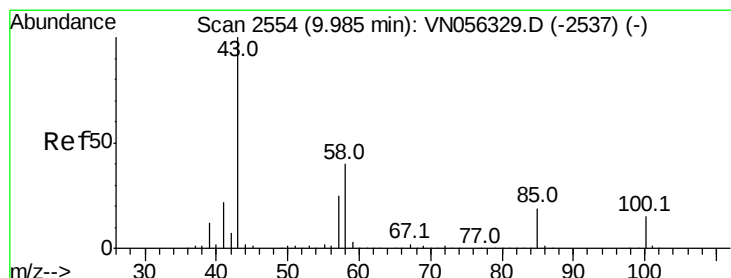
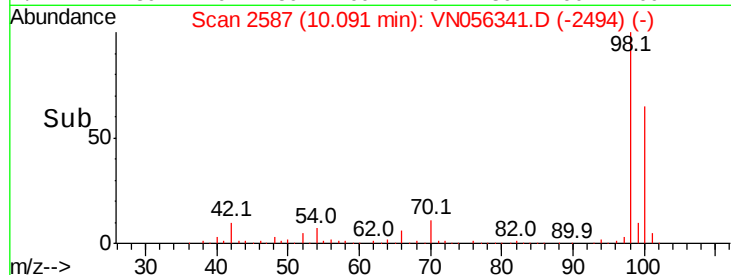
200000

100000

0

10.00 10.10 10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 12.555 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056341.D

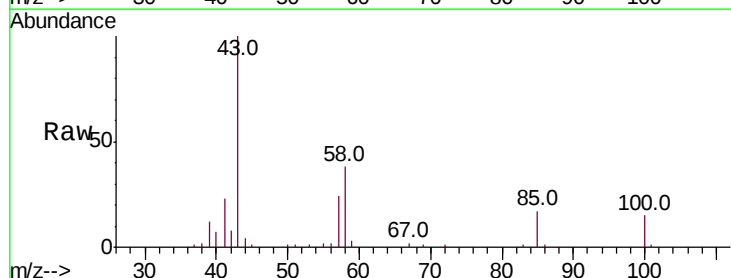
Acq: 17 Jun 2019 15:34

Tgt Ion: 43 Resp: 61057

Ion Ratio Lower Upper

43 100

58 38.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN056329.D (-2537) (-)

9.99

30000

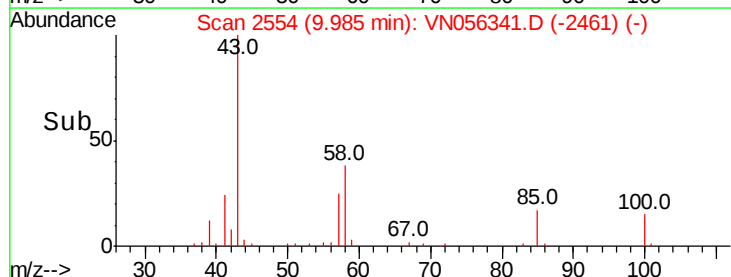
20000

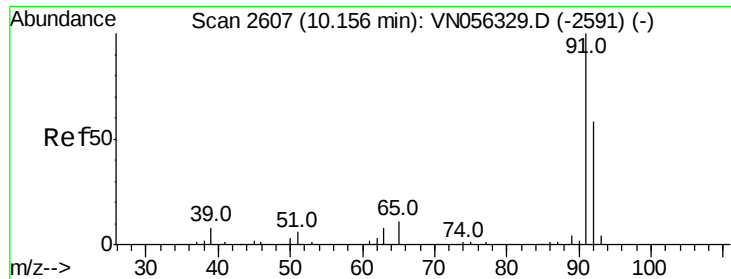
10000

0

9.90 9.95 10.00 10.05

Time-->





#52

Toluene

Concen: 42.714 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

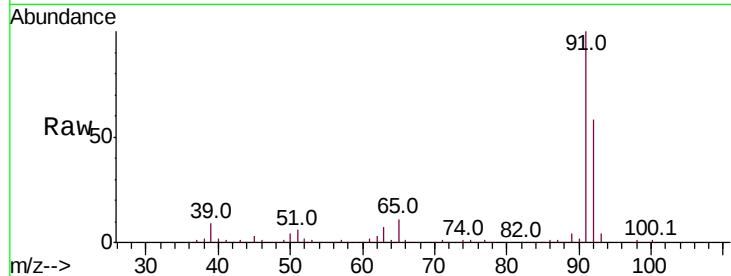
OILY-DEBRIS

Tot Ion: 92 Resp: 398066

Ion Ratio Lower Upper

92 100

91 172.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN056329.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN056329.D (-2591) (-)

400000

300000

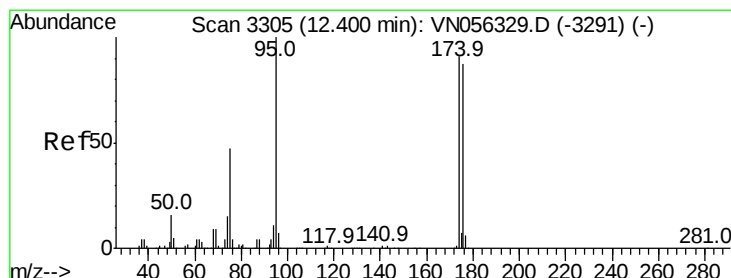
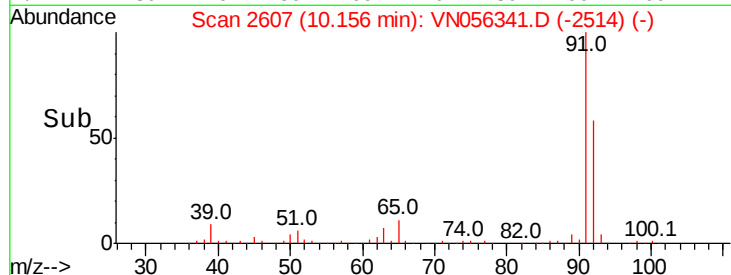
200000

100000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 57.257 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

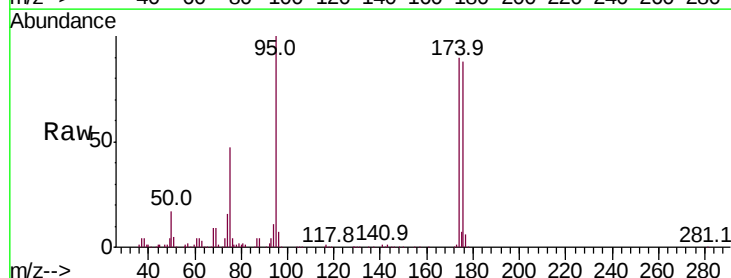
Tgt Ion: 95 Resp: 259990

Ion Ratio Lower Upper

95 100

174 91.0 0.0 182.6

176 87.5 0.0 176.8



Abundance Ion 94.90 (94.60 to 95.60): VN056329.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056329.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056329.D (-3291) (-)

200000

150000

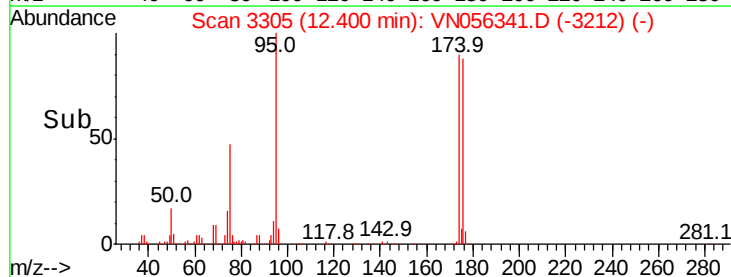
100000

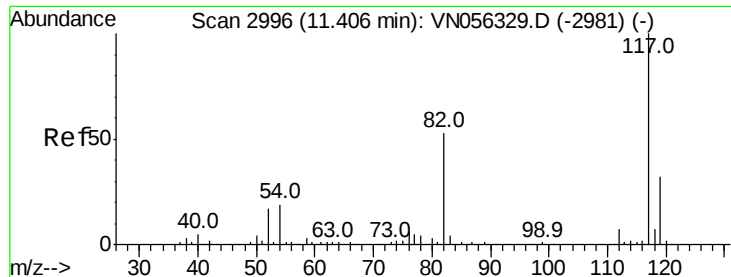
50000

0

12.30 12.40 12.50

Time-->

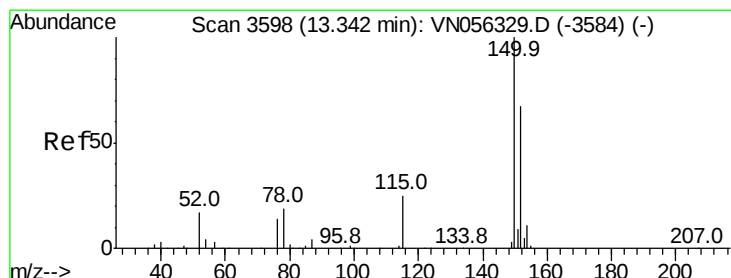
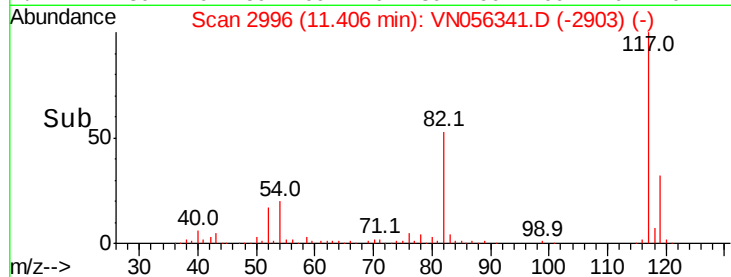
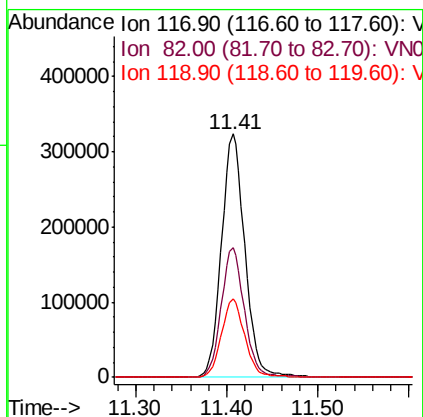
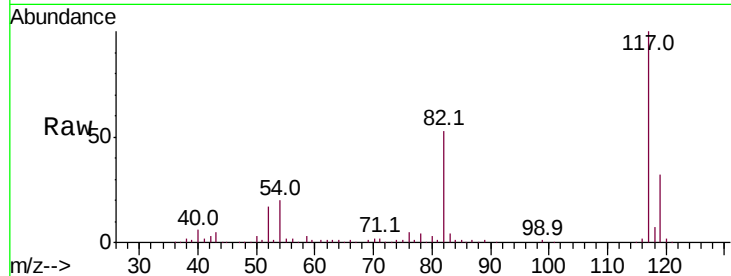




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

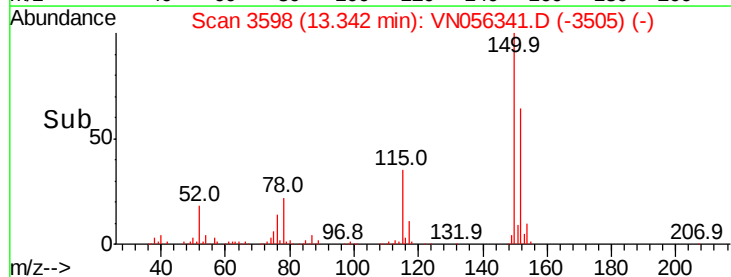
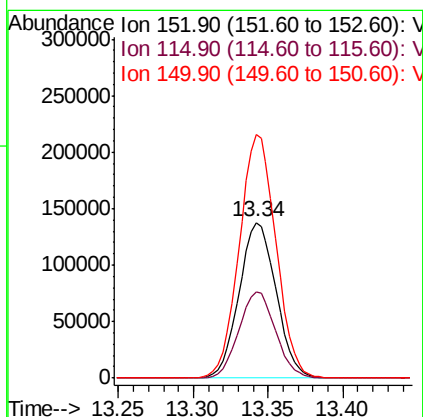
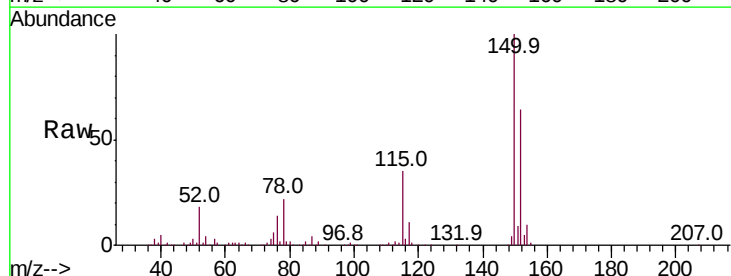
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS

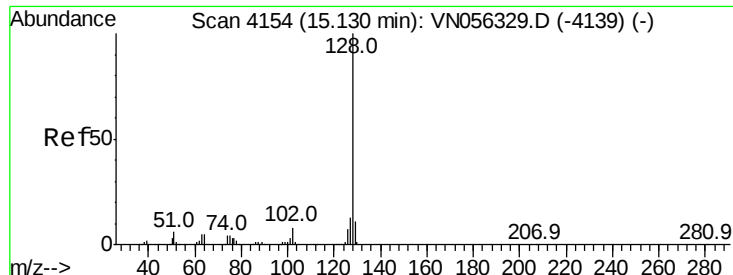
Tot Ion:117 Resp: 578600
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056341.D
Acq: 17 Jun 2019 15:34

Tgt Ion:152 Resp: 237189
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 154.7 0.0 345.8





#95

Naphthalene

Concen: 4.995 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056341.D

Acq: 17 Jun 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS

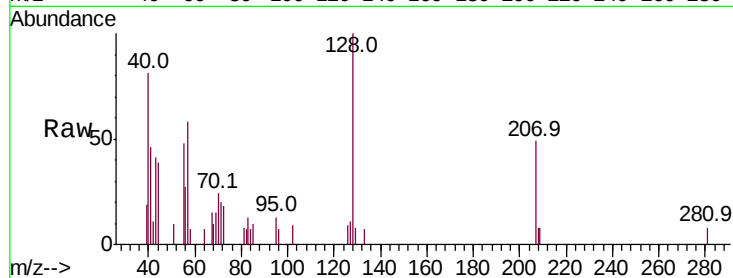
Tot Ion:128 Resp: 3998

Ion Ratio Lower Upper

128 100

127 10.6 10.6 15.8

129 5.5 8.6 12.8#



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

