

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055655.D
 Acq On : 18 May 2019 10:01
 Operator : JC/SP
 Sample : K2899-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR(OWS)-4

Quant Time: May 20 03:53:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	399672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	579651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220672	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	190043	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	
35) Dibromofluoromethane	7.59	113	177771	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.09	98	667452	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	12.40	95	227240	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds

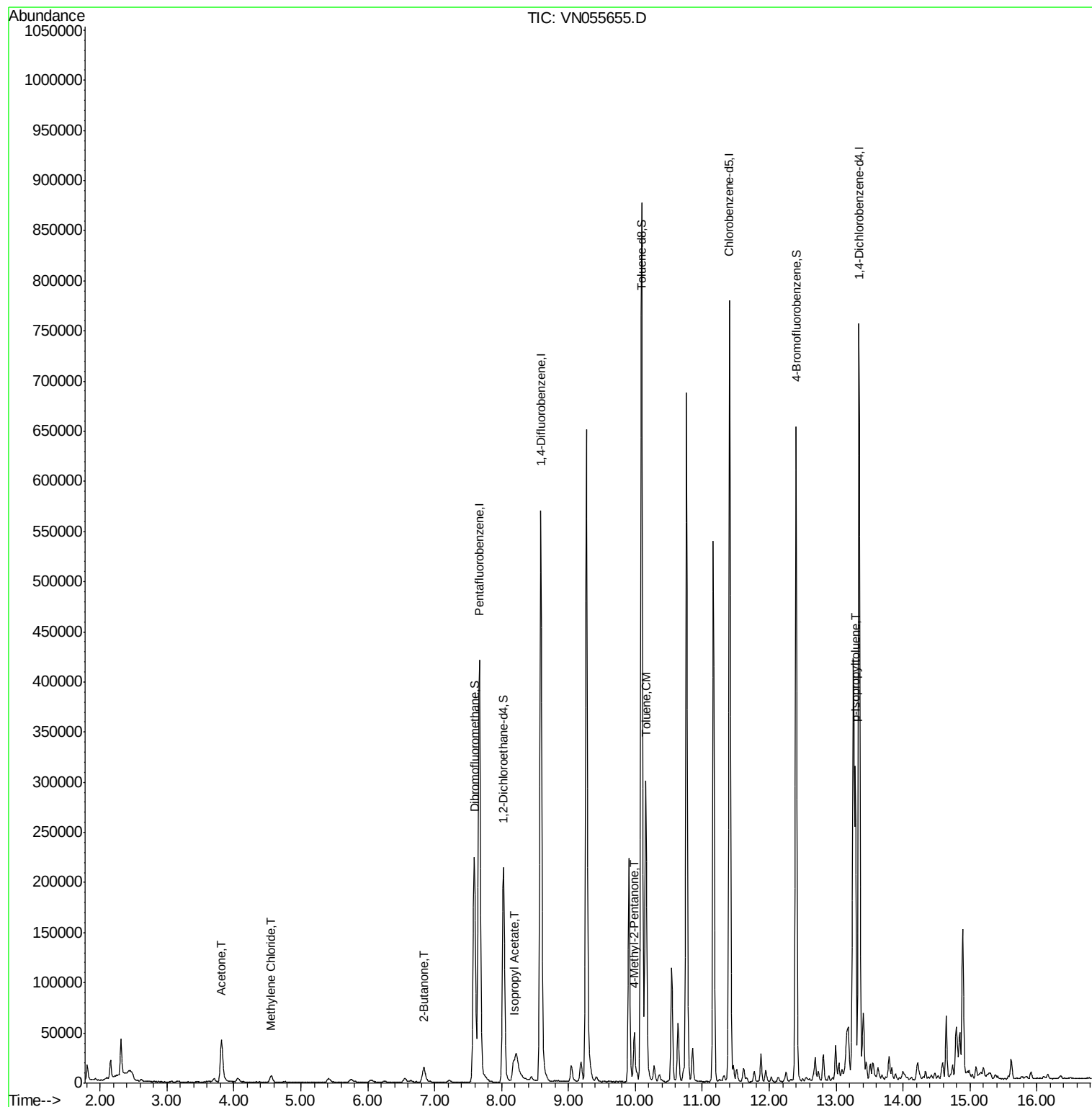
					Qvalue
16) Acetone	3.82	43	78755	44.048	ug/l 96
20) Methylene Chloride	4.56	84	5762	1.412	ug/l 95
25) 2-Butanone	6.84	43	27602	11.041	ug/l 97
43) Isopropyl Acetate	8.18	43	18976	2.339	ug/l # 77
51) 4-Methyl-2-Pentanone	9.99	43	30859	6.485	ug/l 88
52) Toluene	10.16	92	138362	14.512	ug/l 99
86) p-Isopropyltoluene	13.29	119	186389	12.251	ug/l 99

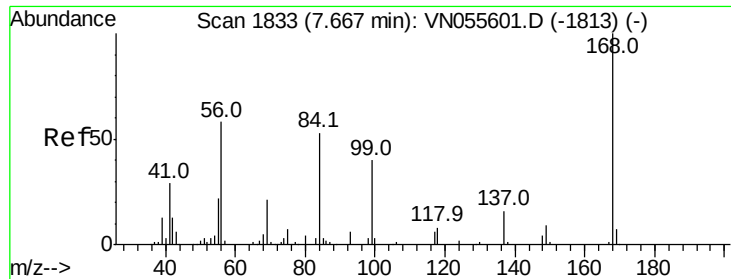
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

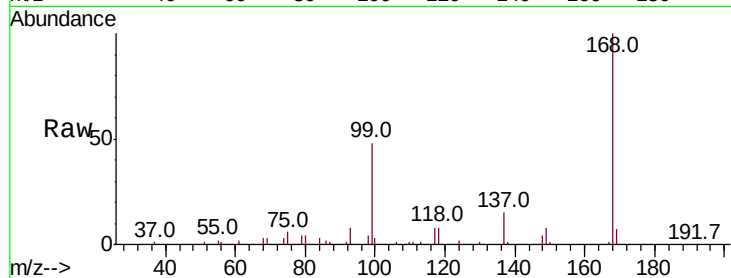
OIL-WATER-SEPARATOR(OWS)-4

Tot Ion:168 Resp: 399672

Ion Ratio Lower Upper

168 100

99 48.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.67

150000

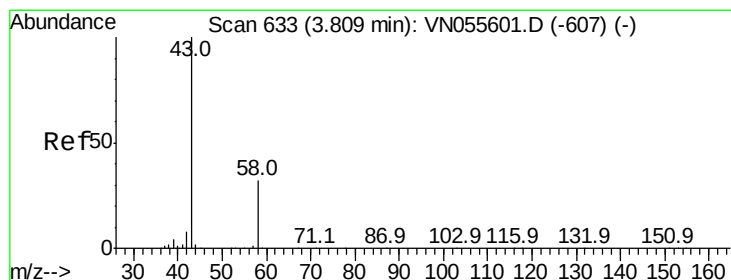
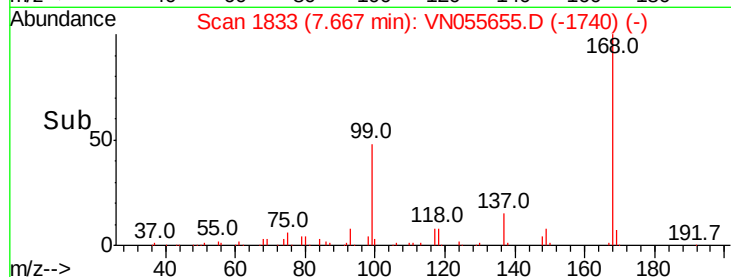
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 44.048 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055655.D

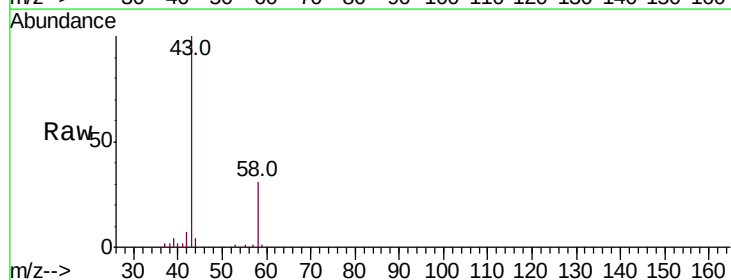
Acq: 18 May 2019 10:01

Tgt Ion: 43 Resp: 78755

Ion Ratio Lower Upper

43 100

58 30.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-607) (-)

3.82

30000

25000

20000

15000

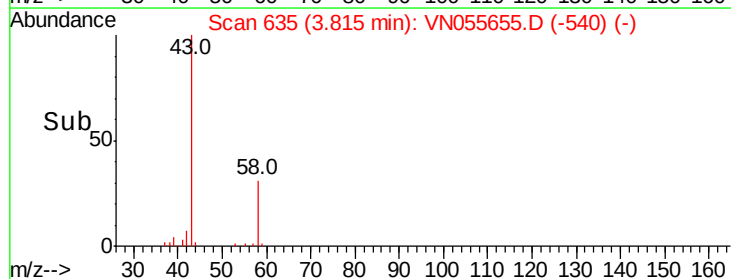
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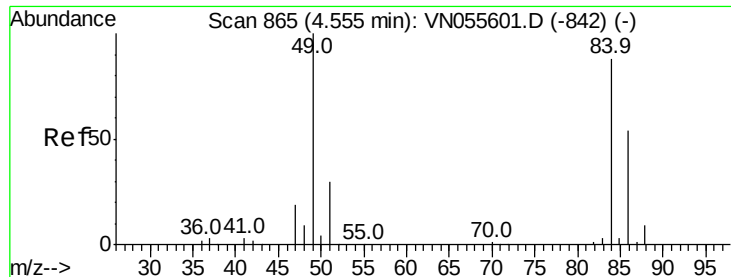
5000

0

3.70 3.80 3.90

Time-->

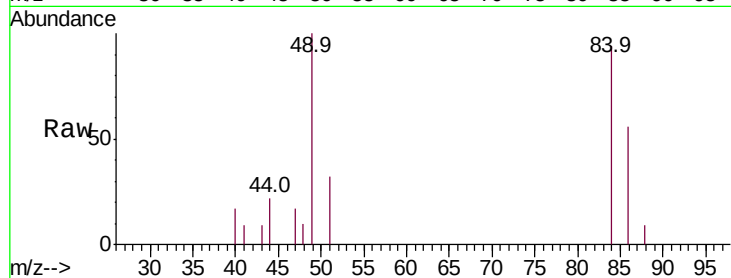




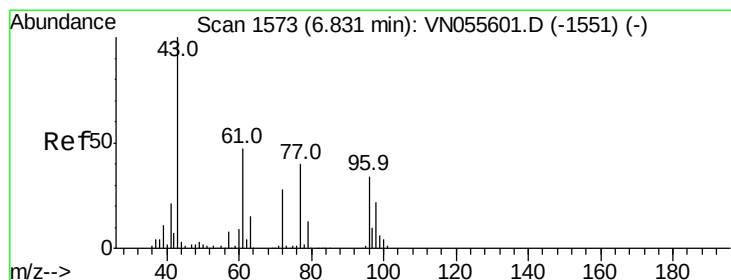
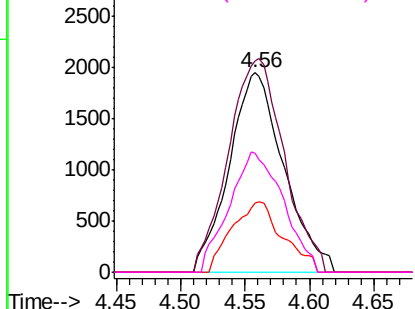
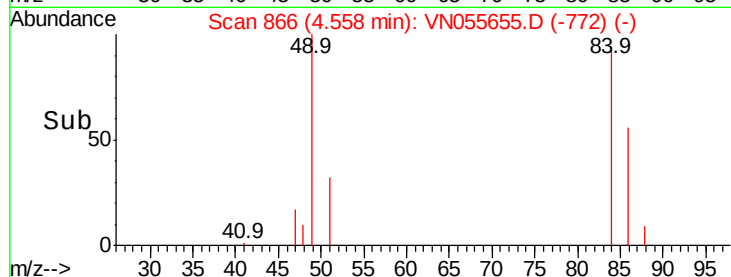
#20
Methvlene Chloride
Concen: 1.412 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tot Ion: 84 Resp: 5762
Ion Ratio Lower Upper
84 100
49 106.0 91.0 136.4
51 34.4 27.5 41.3
86 59.9 49.4 74.0

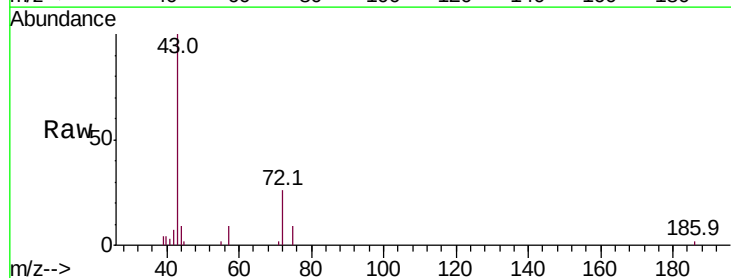


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

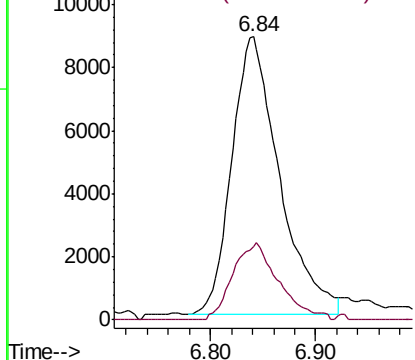
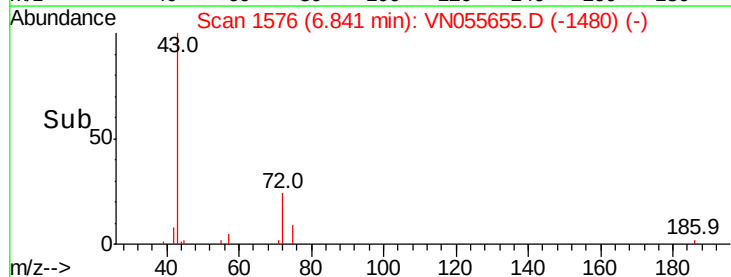


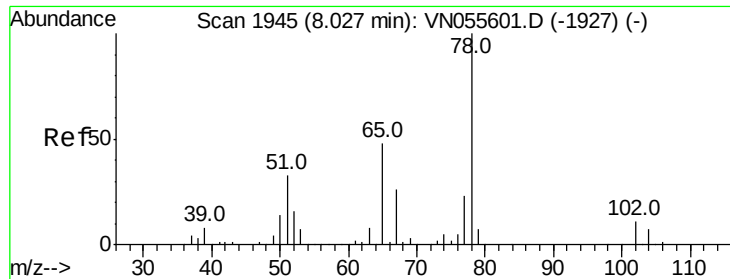
#25
2-Butanone
Concen: 11.041 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Tgt Ion: 43 Resp: 27602
Ion Ratio Lower Upper
43 100
72 26.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC

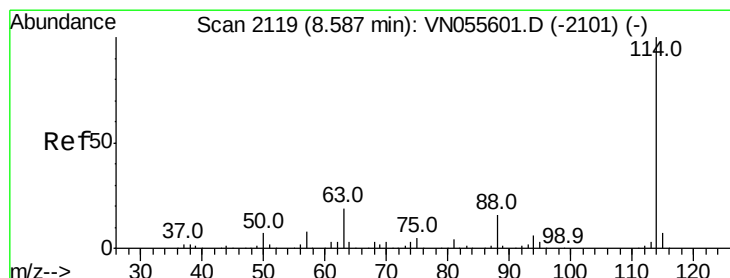
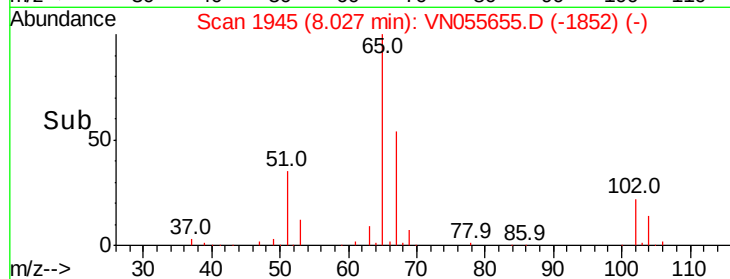
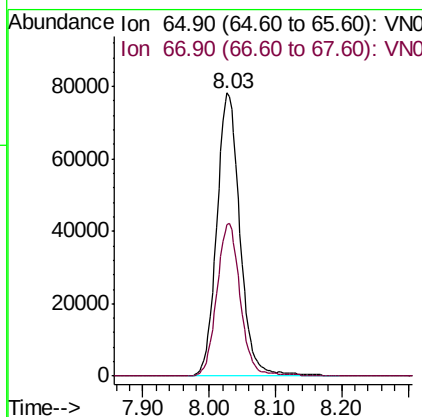
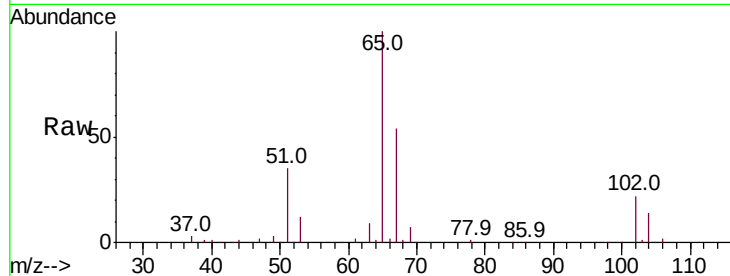




#33
 1,2-Dichloroethane-d4
 Concen: 43.377 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055655.D
 Acq: 18 May 2019 10:01

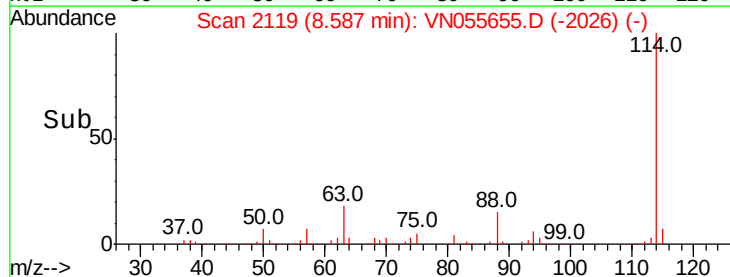
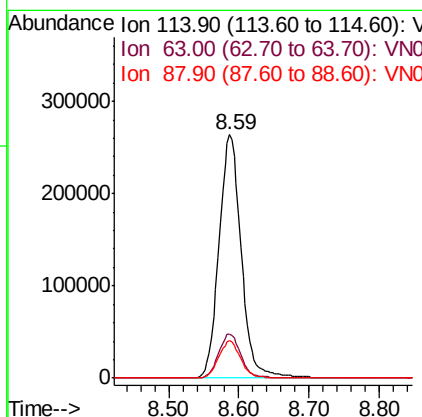
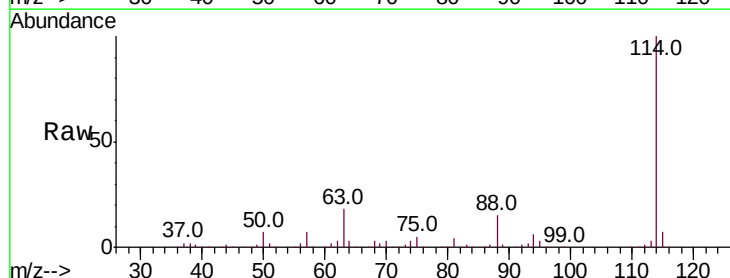
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR(OWS)-4

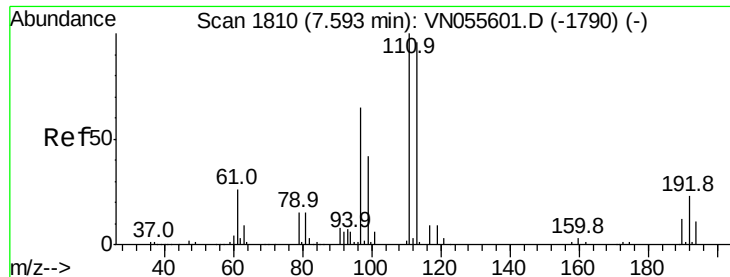
Tot Ion: 65 Resp: 190043
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055655.D
 Acq: 18 May 2019 10:01

Tgt Ion: 114 Resp: 579651
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.2
 88 15.3 0.0 31.0

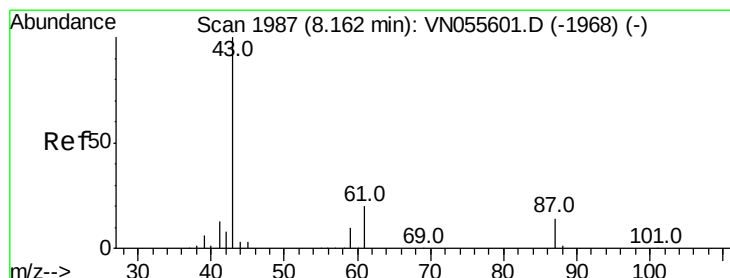
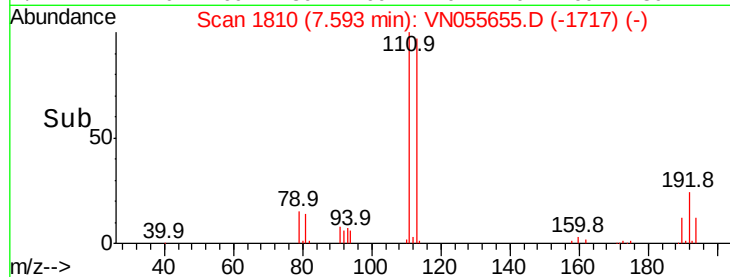
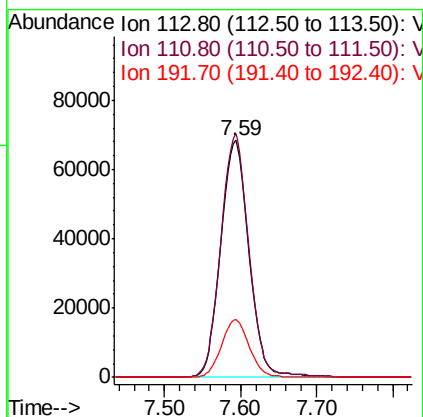
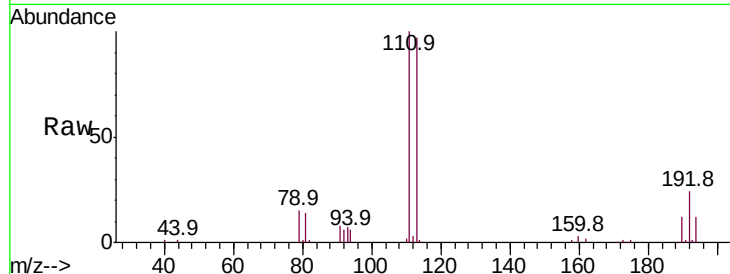




#35
 Dibromofluoromethane
 Concen: 48.278 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055655.D
 Acq: 18 May 2019 10:01

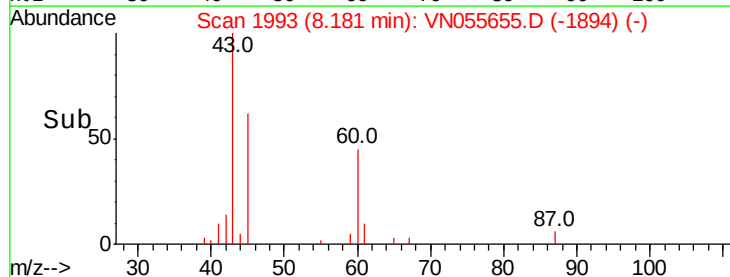
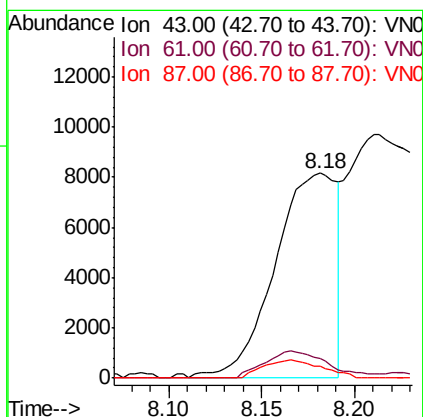
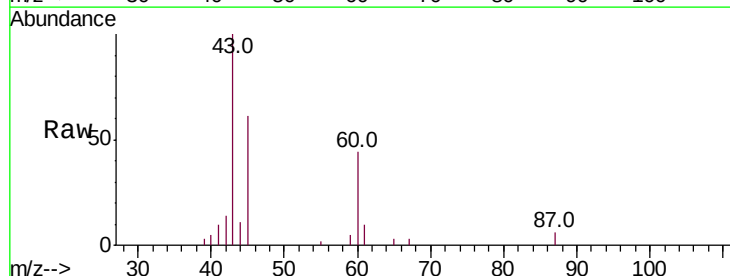
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR(OWS)-4

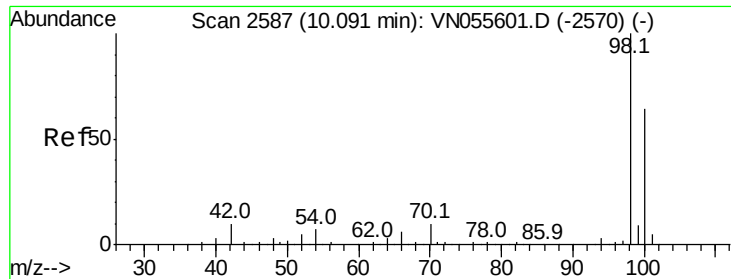
Tot Ion:113 Resp: 177771
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.5 123.7
 192 24.0 18.7 28.1



#43
 Isopropyl Acetate
 Concen: 2.339 ug/l
 RT: 8.18 min Scan# 1993
 Delta R.T. 0.02 min
 Lab File: VN055655.D
 Acq: 18 May 2019 10:01

Tgt Ion: 43 Resp: 18976
 Ion Ratio Lower Upper
 43 100
 61 13.8 22.1 33.1#
 87 8.4 11.8 17.6#





#50

Toluene-d8

Concen: 47.939 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

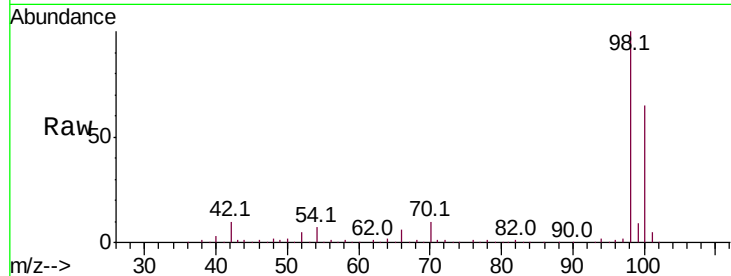
OIL-WATER-SEPARATOR(OWS)-4

Tot Ion: 98 Resp: 667452

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

400000

300000

200000

100000

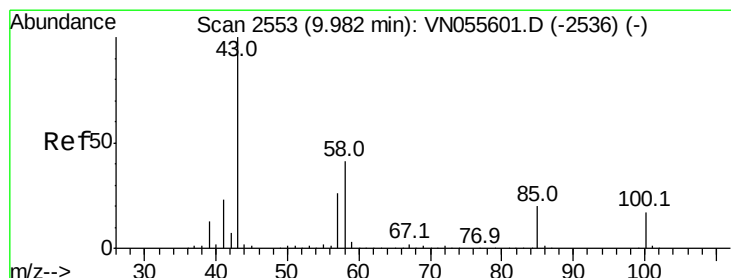
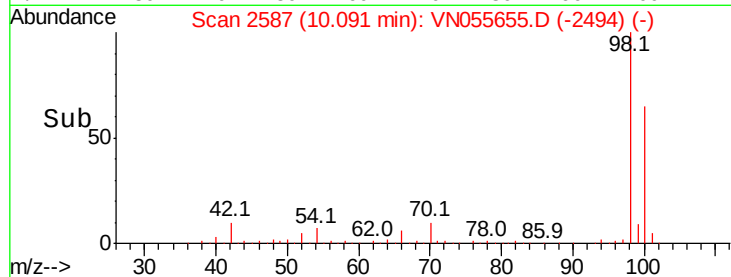
0

10.09

10.10

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 6.485 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055655.D

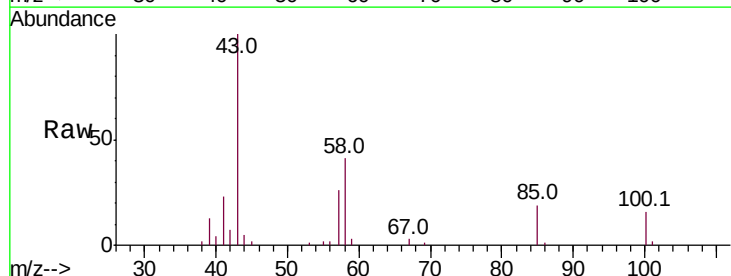
Acq: 18 May 2019 10:01

Tgt Ion: 43 Resp: 30859

Ion Ratio Lower Upper

43 100

58 48.3 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

25000

20000

15000

10000

5000

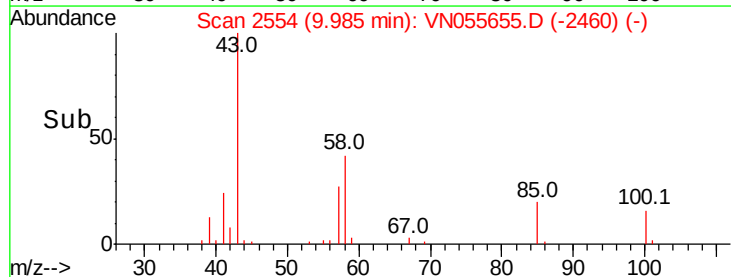
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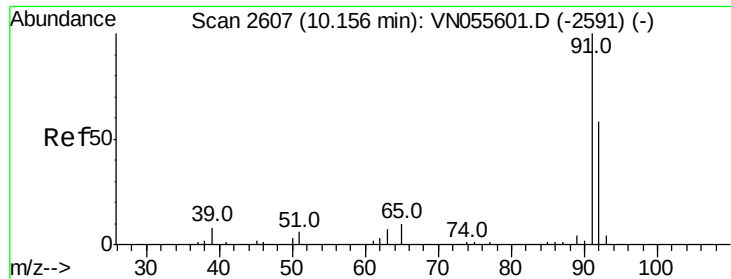
9.99

9.95

10.00

Time-->





#52

Toluene

Concen: 14.512 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

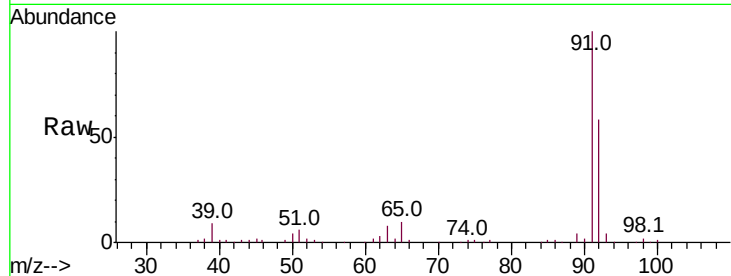
OIL-WATER-SEPARATOR(OWS)-4

Tot Ion: 92 Resp: 138362

Ion Ratio Lower Upper

92 100

91 175.1 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055655.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN055655.D (-2514) (-)

150000

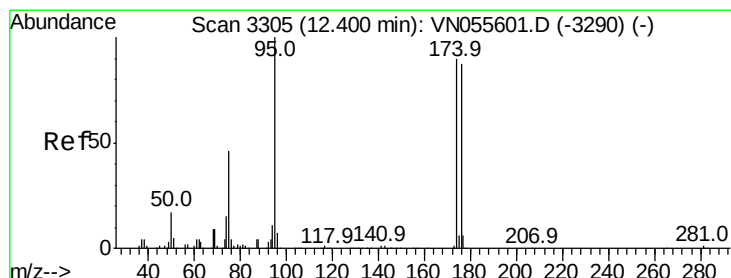
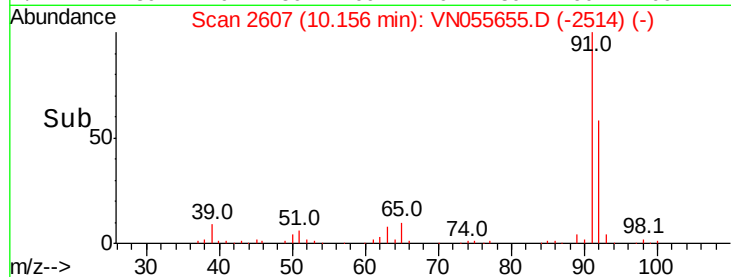
100000

50000

0

10.10 10.16 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 47.265 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055655.D

Acq: 18 May 2019 10:01

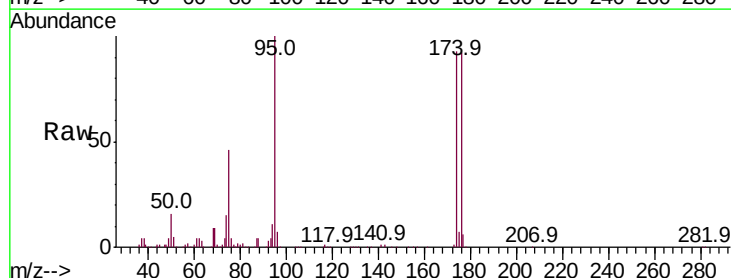
Tgt Ion: 95 Resp: 227240

Ion Ratio Lower Upper

95 100

174 94.2 0.0 180.6

176 92.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055655.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055655.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055655.D (-3212) (-)

150000

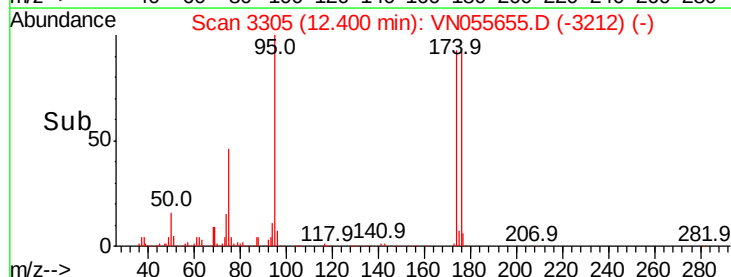
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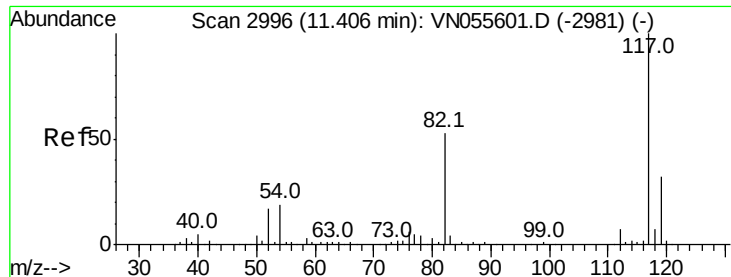
50000

0

12.30 12.40 12.50

Time-->

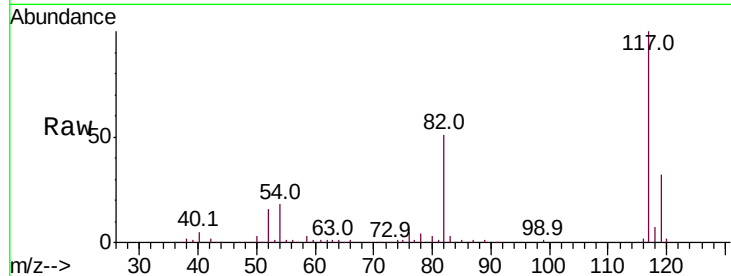




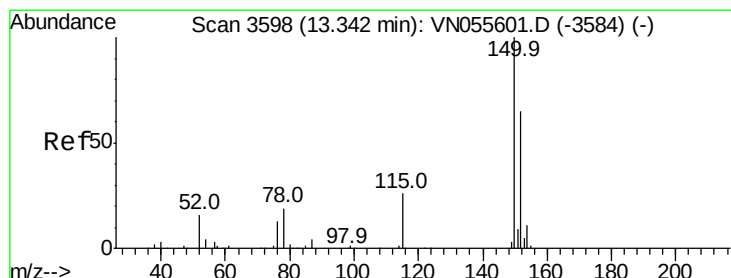
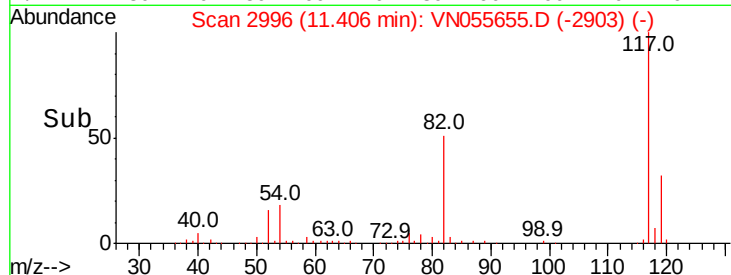
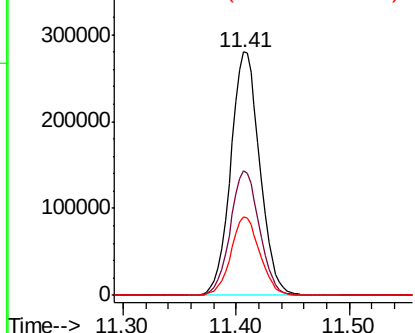
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tot Ion:117 Resp: 499607
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 32.4 25.4 38.2

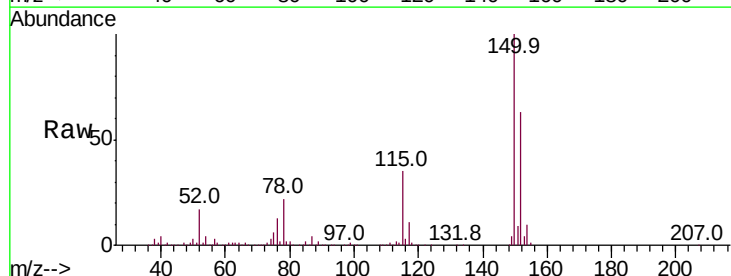


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

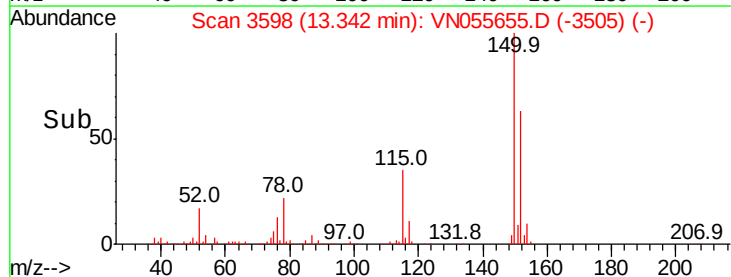
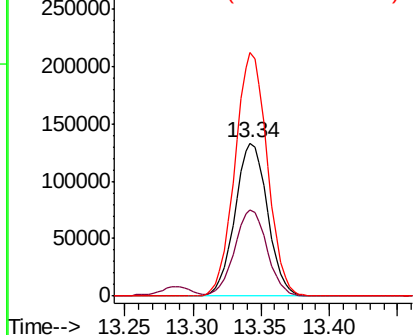


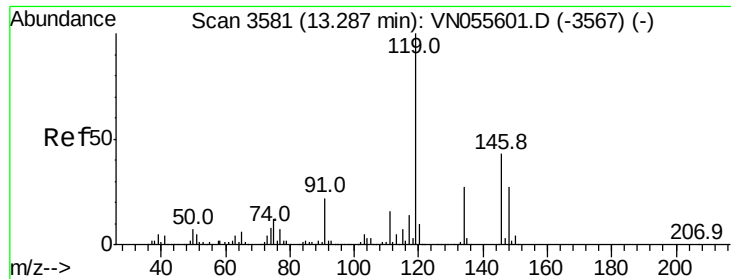
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055655.D
Acq: 18 May 2019 10:01

Tgt Ion:152 Resp: 220672
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.2
150 158.3 0.0 348.0



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

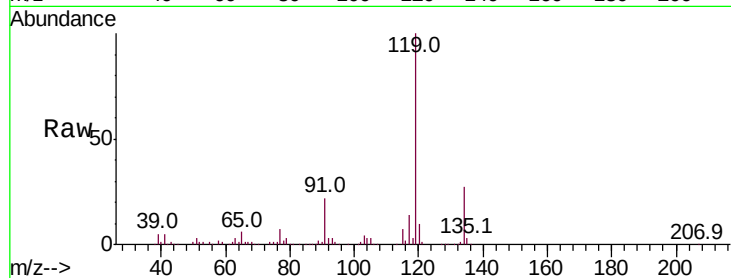




#86
 p-Isopropyltoluene
 Concen: 12.251 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055655.D
 Acq: 18 May 2019 10:01

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR(OWS)-4

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.2
91	20.5	11.0	33.0



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

