

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053984.D
 Acq On : 27 Feb 2019 22:24
 Operator : JC/SP
 Sample : K1619-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-2

Quant Time: Feb 28 07:55:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1109790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1078705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	407226	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	395759	55.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.74%	
35) Dibromofluoromethane	7.59	113	353533	49.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.52%	
50) Toluene-d8	10.09	98	1394945	52.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.40	95	467840	52.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.12%	

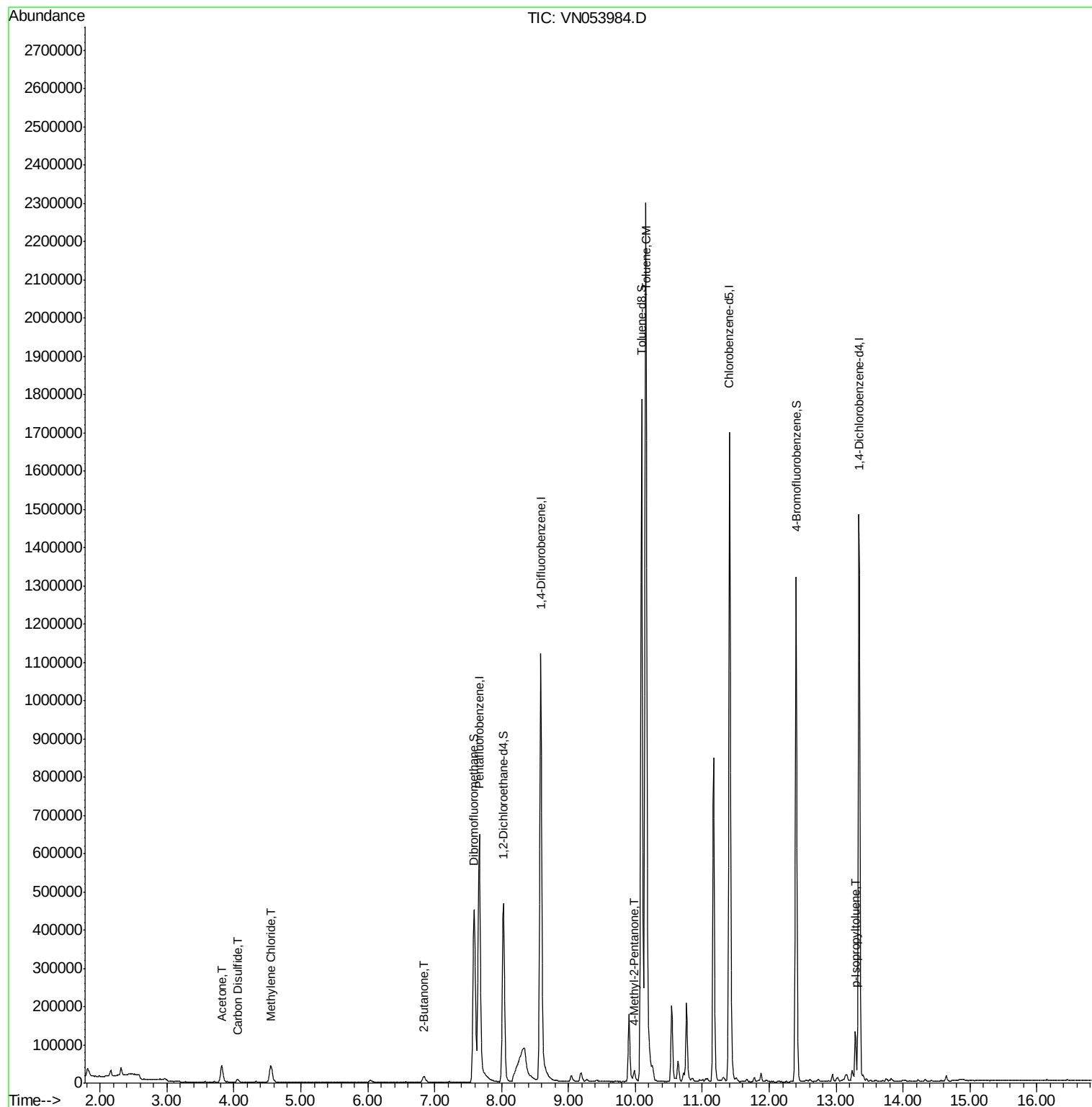
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	74970	28.869	ug/l	100
17) Carbon Disulfide	4.06	76	8661	0.446	ug/l	97
20) Methylene Chloride	4.55	84	33128	4.683	ug/l	93
25) 2-Butanone	6.84	43	25440	9.065	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	18651	2.917	ug/l	92
52) Toluene	10.16	92	1089805	58.374	ug/l	98
86) p-Isopropyltoluene	13.29	119	66081	2.493	ug/l	97

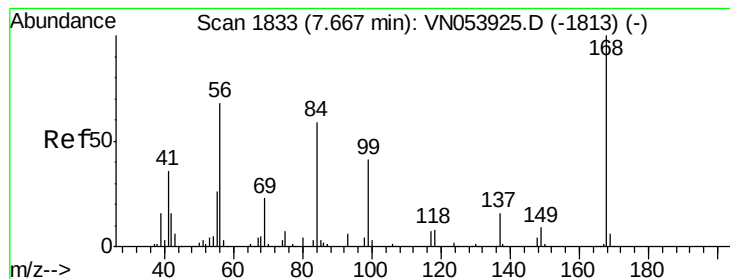
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053984.D

Acq: 27 Feb 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

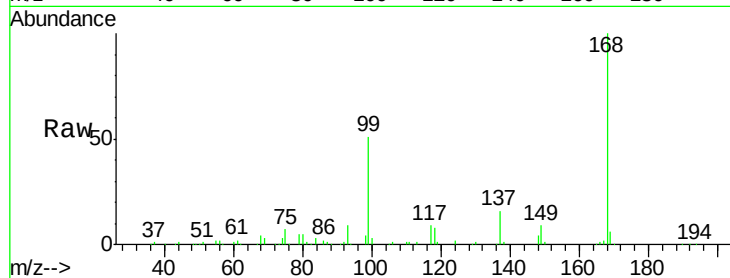
OIL-WATER-SEPARATOR-2

Tot Ion:168 Resp: 609750

Ion Ratio Lower Upper

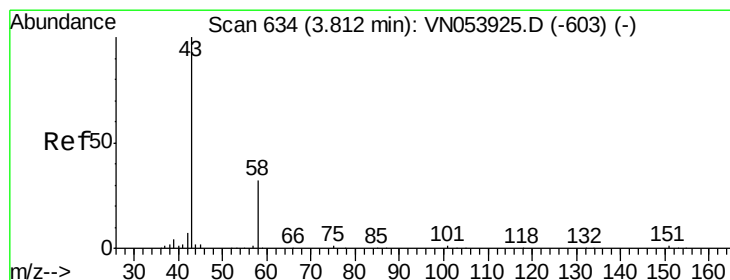
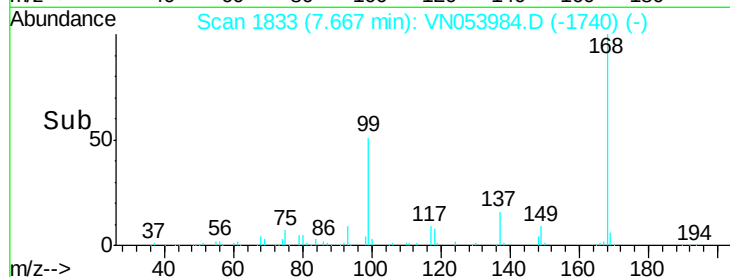
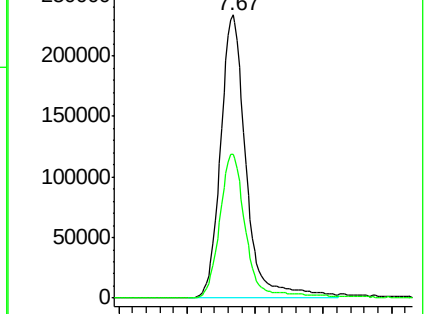
168 100

99 51.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053925.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053925.D (-1813) (-)



#16

Acetone

Concen: 28.869 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053984.D

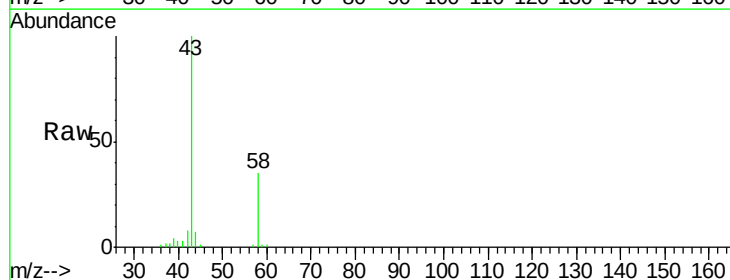
Acq: 27 Feb 2019 22:24

Tgt Ion: 43 Resp: 74970

Ion Ratio Lower Upper

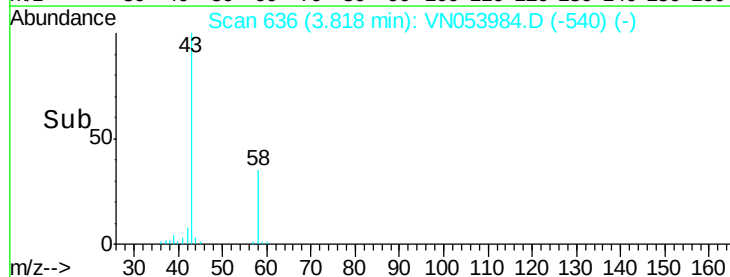
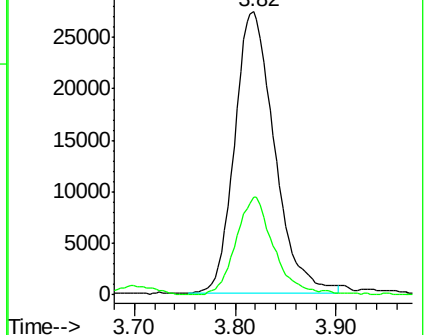
43 100

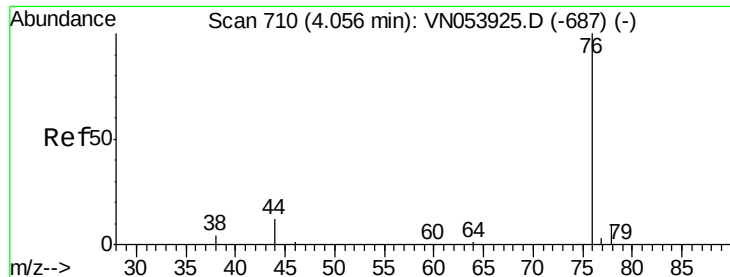
58 34.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053925.D (-603) (-)





#17

Carbon Disulfide

Concen: 0.446 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053984.D

Acq: 27 Feb 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

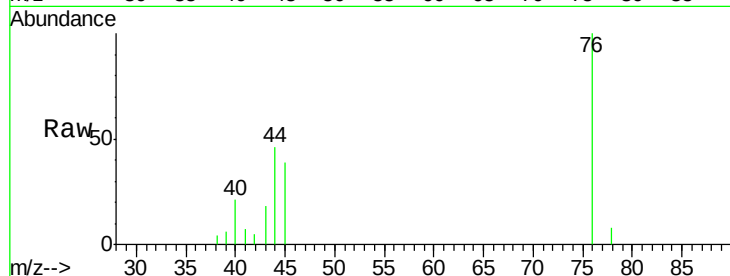
OIL-WATER-SEPERATOR-2

Tot Ion: 76 Resp: 8661

Ion Ratio Lower Upper

76 100

78 8.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.06

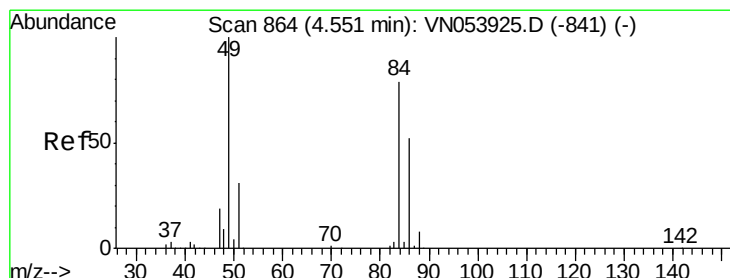
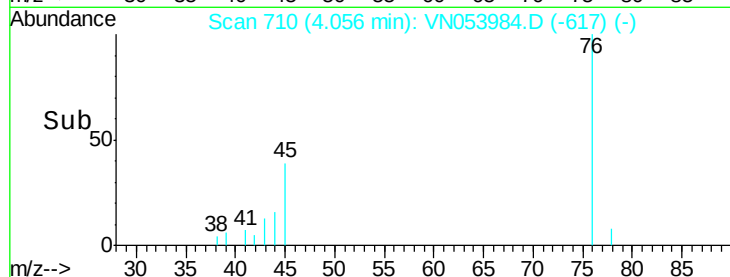
3000

2000

1000

0

Time-->



#20

Methylene Chloride

Concen: 4.683 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053984.D

Acq: 27 Feb 2019 22:24

Tgt Ion: 84 Resp: 33128

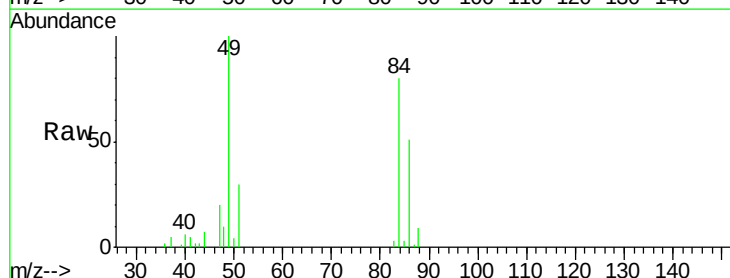
Ion Ratio Lower Upper

84 100

49 124.7 89.7 134.5

51 37.8 27.8 41.8

86 63.2 51.3 76.9



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

20000

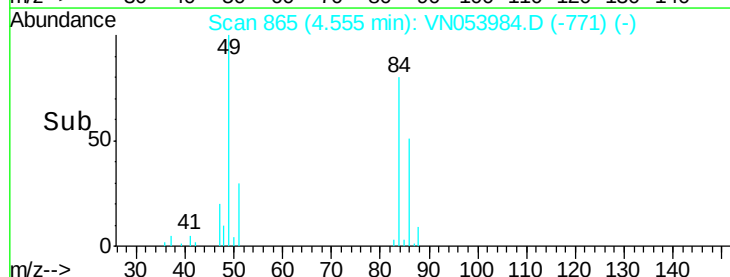
15000

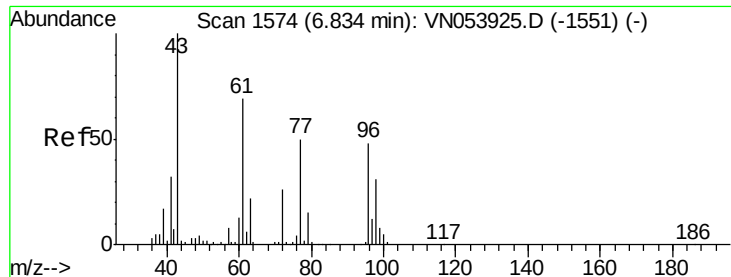
10000

5000

0

Time-->





#25

2-Butanone

Concen: 9.065 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN053984.D

Acq: 27 Feb 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

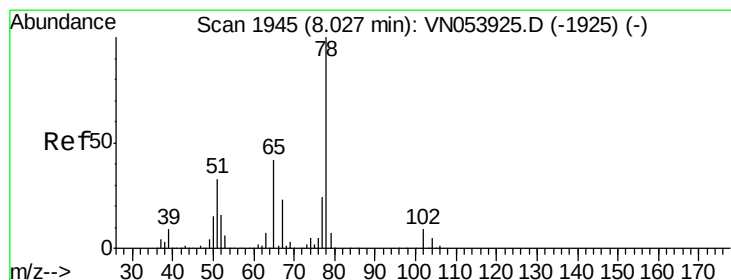
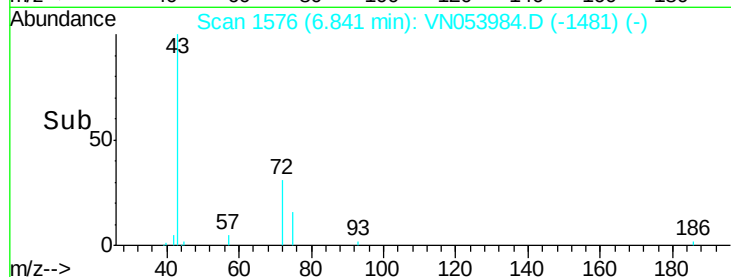
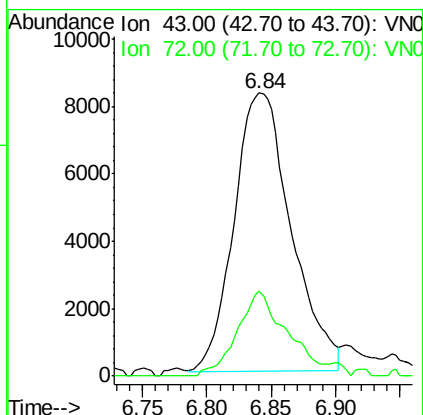
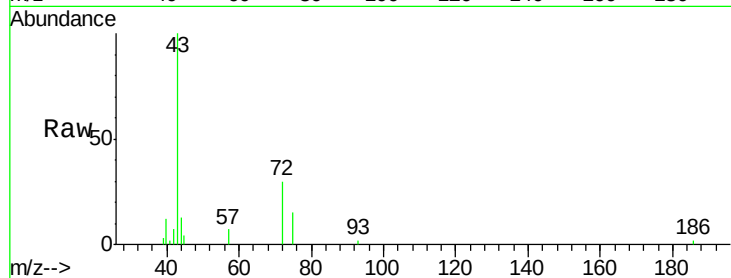
OIL-WATER-SEPARATOR-2

Tot Ion: 43 Resp: 25440

Ion Ratio Lower Upper

43 100

72 30.8 22.1 33.1



#33

1,2-Dichloroethane-d4

Concen: 55.369 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053984.D

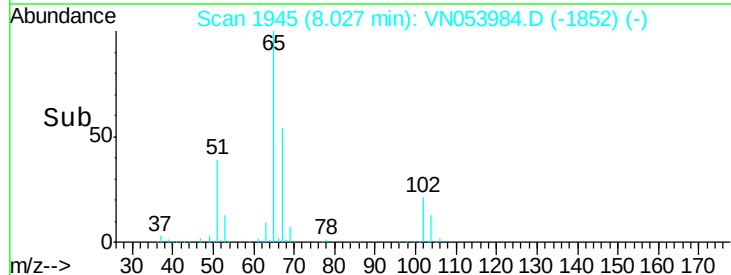
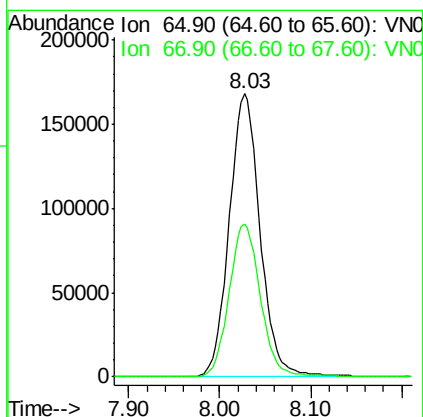
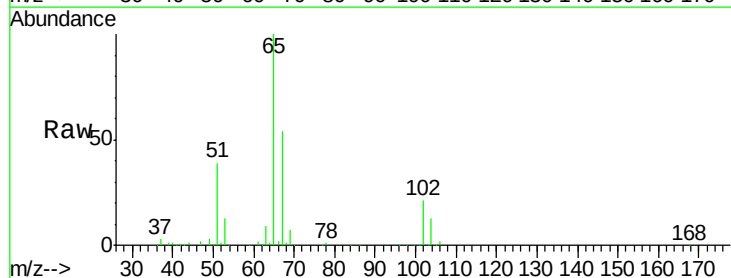
Acq: 27 Feb 2019 22:24

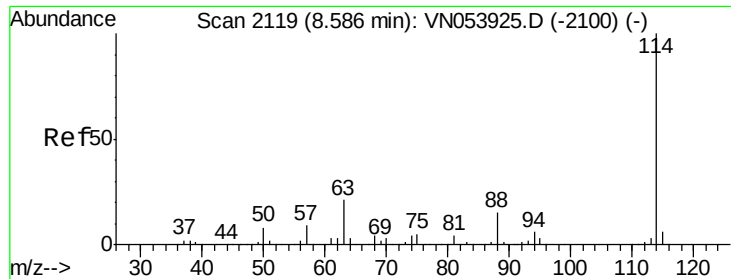
Tgt Ion: 65 Resp: 395759

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.8

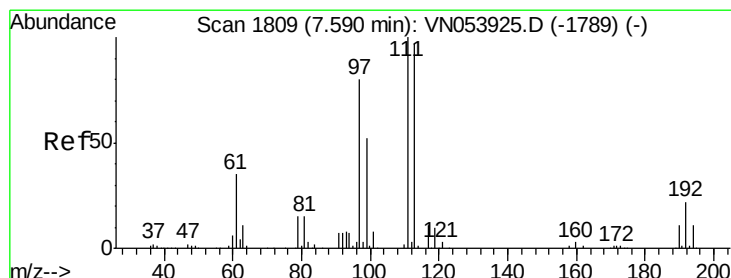
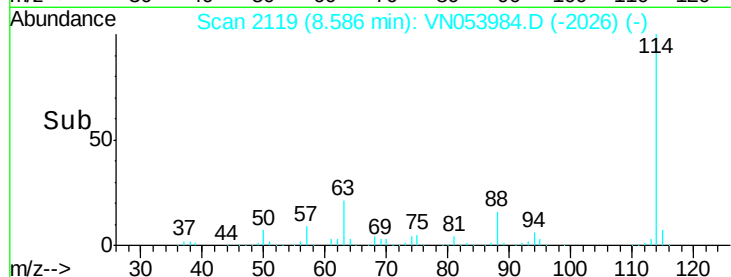
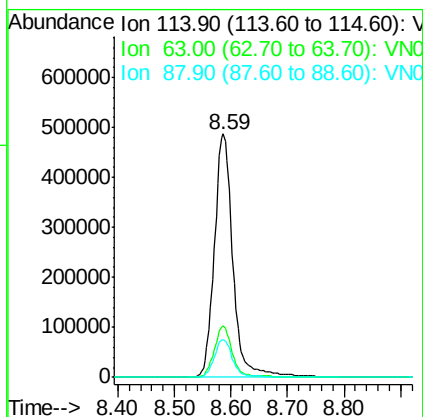
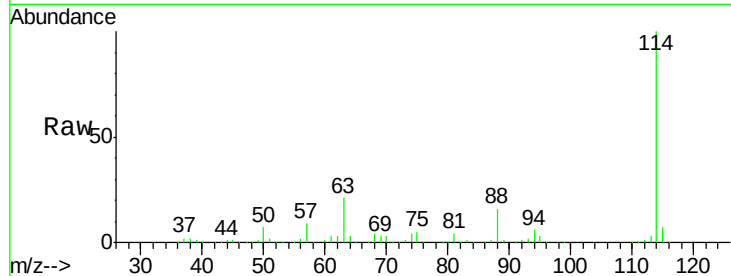




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053984.D
 Acq: 27 Feb 2019 22:24

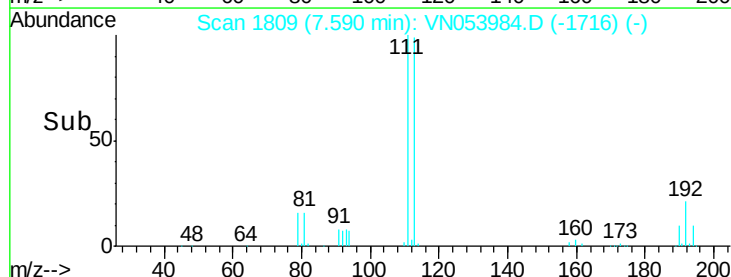
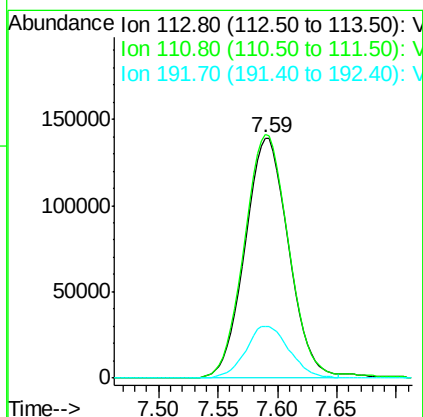
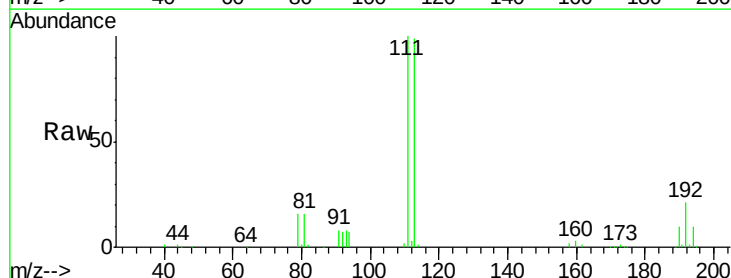
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-2

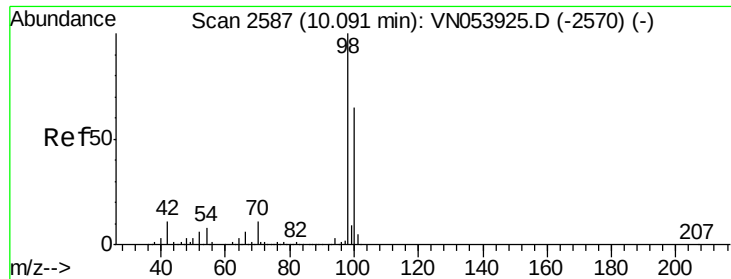
Tot Ion:114 Resp: 1109790
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 15.6 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 49.262 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053984.D
 Acq: 27 Feb 2019 22:24

Tgt Ion:113 Resp: 353533
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.1 121.7
 192 21.7 18.8 28.2





#50

Toluene-d8

Concen: 52.216 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053984.D

Acq: 27 Feb 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

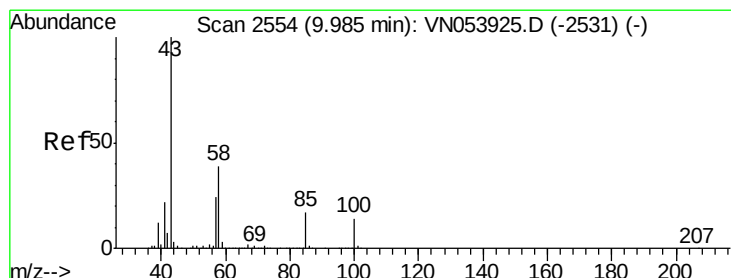
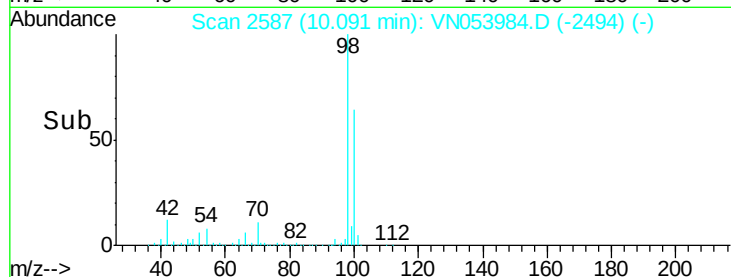
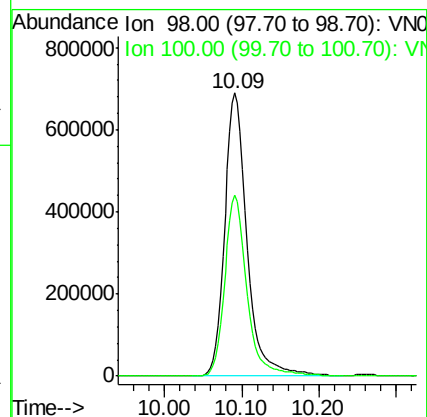
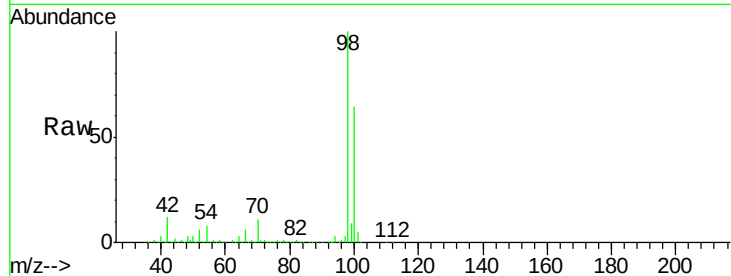
OIL-WATER-SEPARATOR-2

Tot Ion: 98 Resp: 1394945

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 2.917 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN053984.D

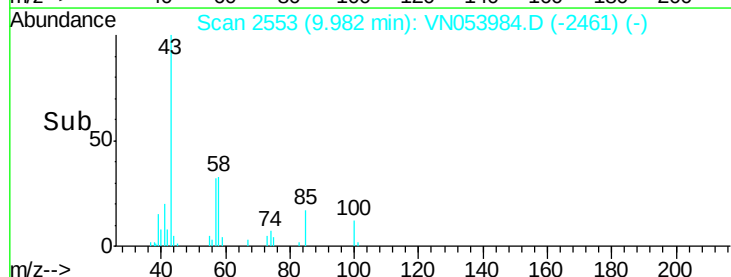
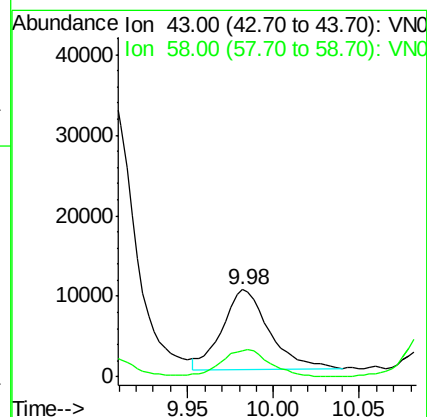
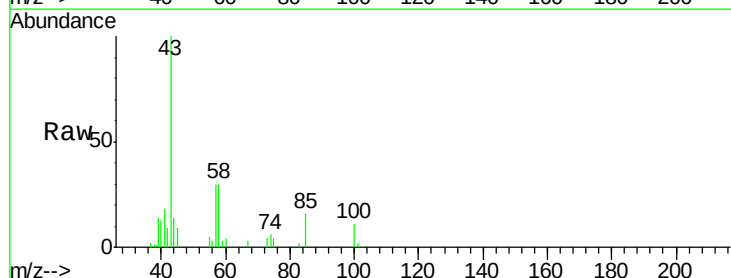
Acq: 27 Feb 2019 22:24

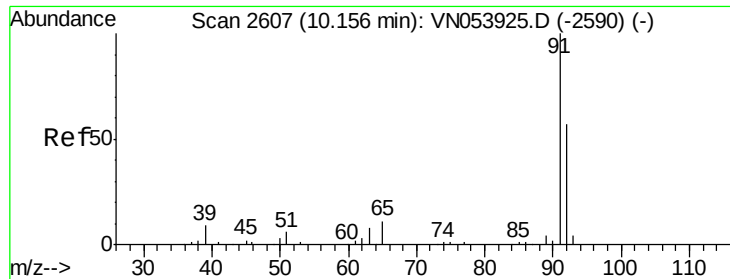
Tgt Ion: 43 Resp: 18651

Ion Ratio Lower Upper

43 100

58 35.9 32.7 49.1





#52

Toluene

Concen: 58.374 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053984.D

Acq: 27 Feb 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

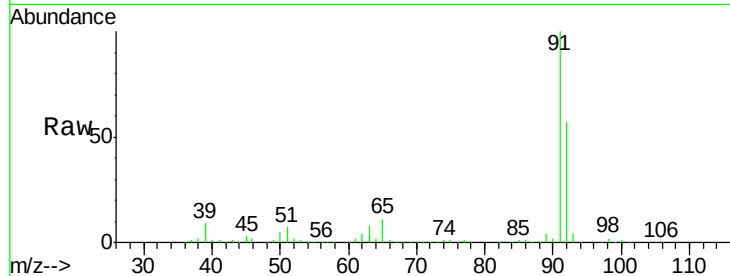
OIL-WATER-SEPARATOR-2

Tot Ion: 92 Resp: 1089805

Ion Ratio Lower Upper

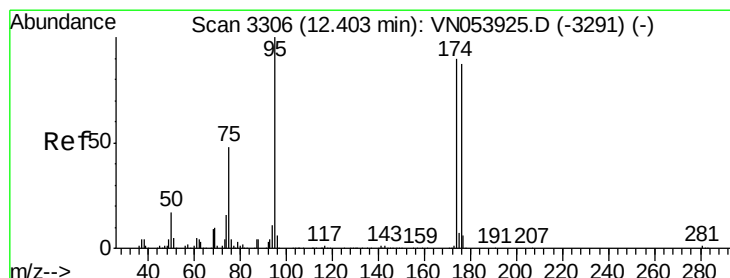
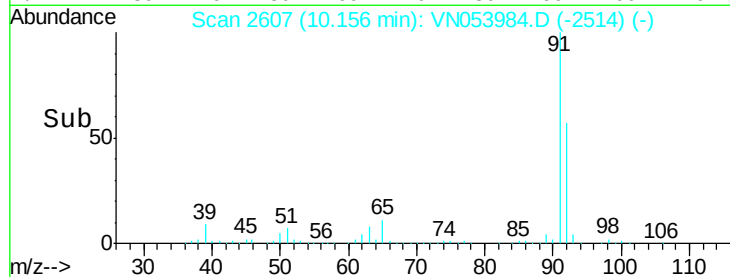
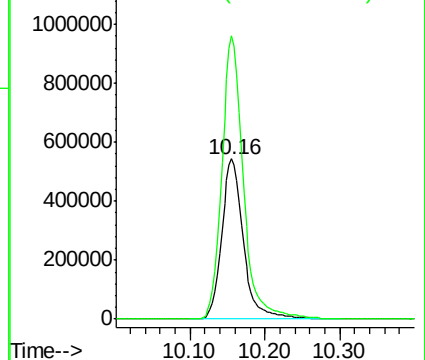
92 100

91 175.4 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 52.562 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053984.D

Acq: 27 Feb 2019 22:24

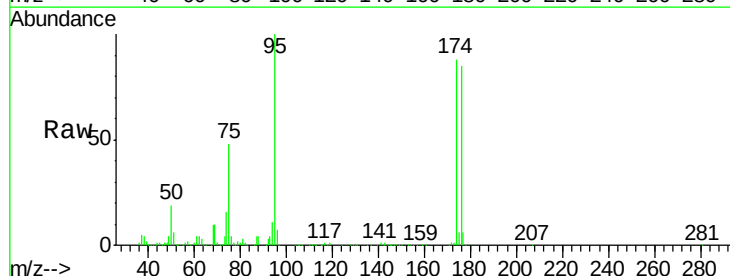
Tgt Ion: 95 Resp: 467840

Ion Ratio Lower Upper

95 100

174 86.9 0.0 188.8

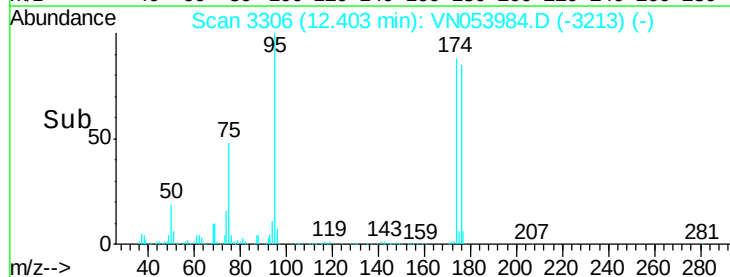
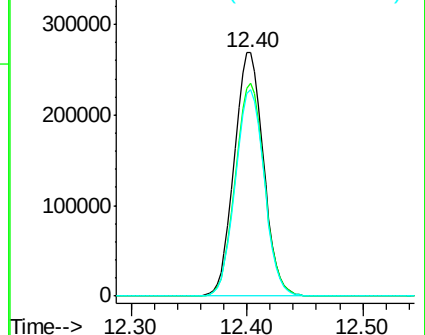
176 84.2 0.0 182.6

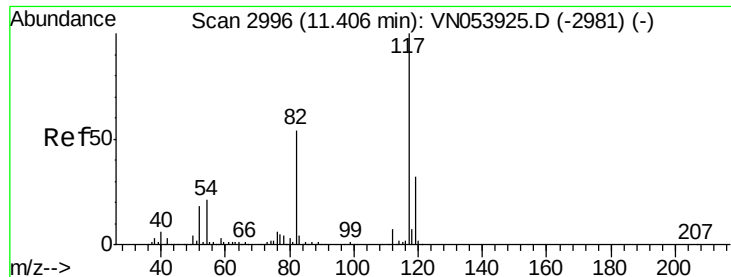


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

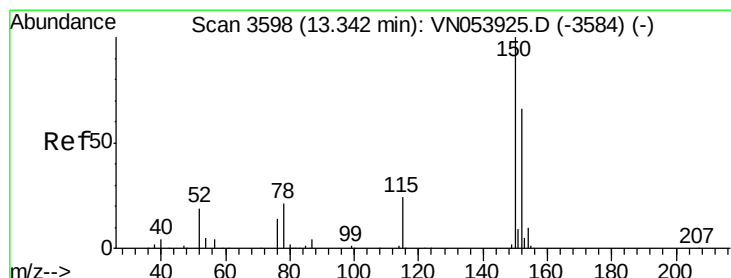
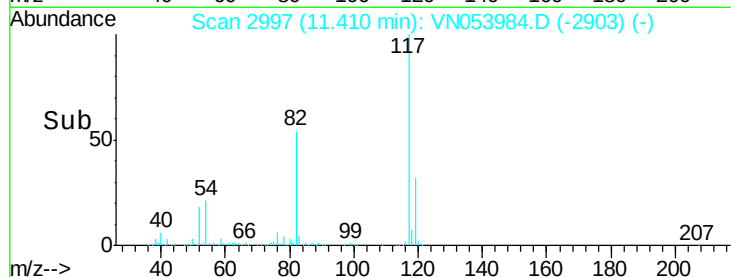
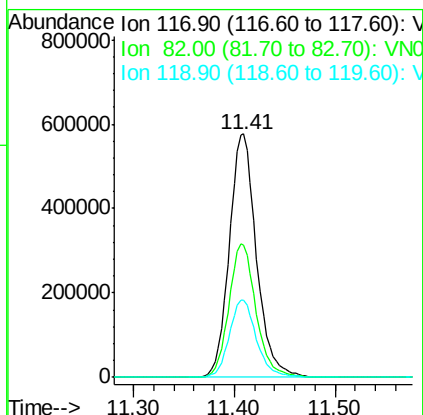
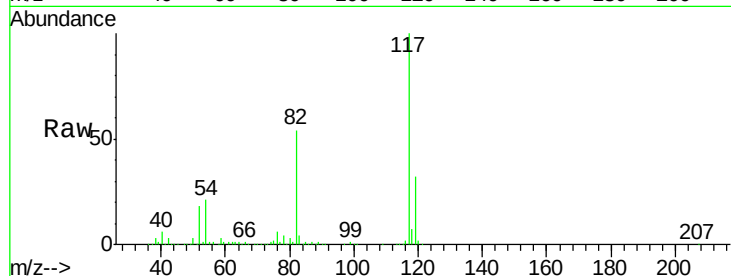




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053984.D
Acq: 27 Feb 2019 22:24

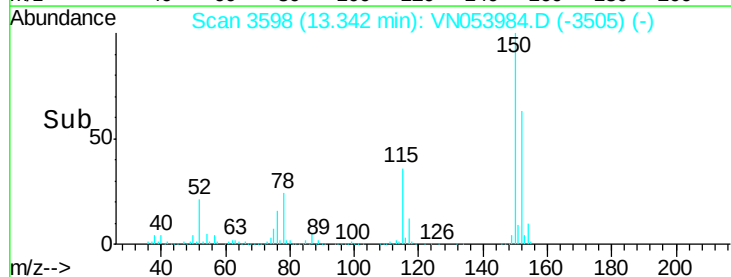
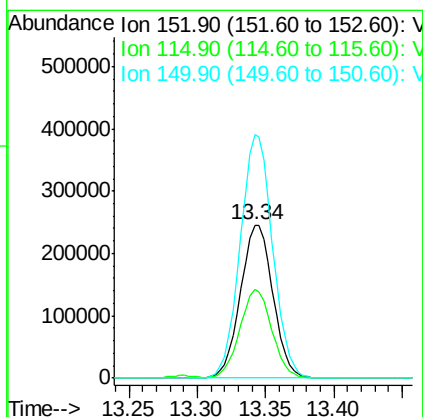
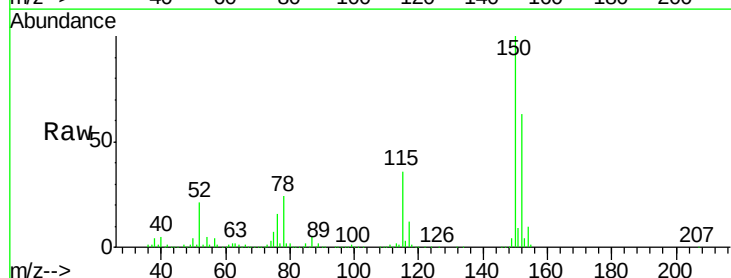
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR-2

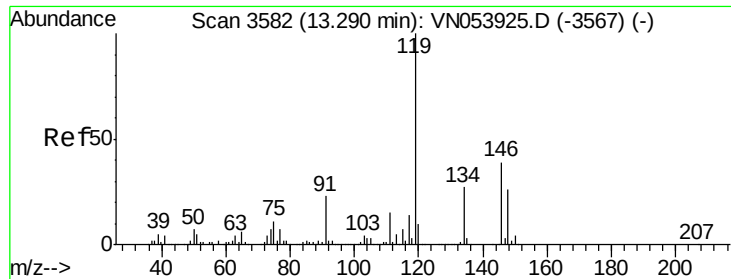
Tot Ion:117 Resp: 1078705
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.2
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053984.D
Acq: 27 Feb 2019 22:24

Tgt Ion:152 Resp: 407226
Ion Ratio Lower Upper
152 100
115 57.3 27.2 81.6
150 157.8 0.0 348.2





#86
 p-Isopropyltoluene
 Concen: 2.493 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053984.D
 Acq: 27 Feb 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-2

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.5	40.4
91	24.9	10.9	32.6

