

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060681.D
 Acq On : 24 Mar 2020 18:38
 Operator : JC/MD
 Sample : L2006-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR

Manual Integrations
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 3/25/2020 10:20:41 PM

Quant Time: Mar 25 10:11:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.85	168	167476	50.00	ug/l	0.21
34) 1,4-Difluorobenzene	8.71	114	286097	50.00	ug/l	0.14
63) Chlorobenzene-d5	11.43	117	255406	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.35	152	109616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.20	65	107408	46.72	ug/l	0.19
Spiked Amount	50.000		Recovery	=	93.44%	
35) Dibromofluoromethane	7.79	113	86565	50.04	ug/l	0.23
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.15	98	343322	48.59	ug/l	0.07
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.41	95	118587	45.79	ug/l	0.02
Spiked Amount	50.000		Recovery	=	91.58%	
Target Compounds						
16) Acetone	4.33	43	39744m	48.803	ug/l	Qvalue
20) Methylene Chloride	5.06	84	9209m	4.597	ug/l	
25) 2-Butanone	7.14	43	12567m	9.536	ug/l	
43) Isopropyl Acetate	8.31	43	36206	7.334	ug/l #	89
86) p-Isopropyltoluene	13.29	119	21868	3.125	ug/l	98
95) Naphthalene	15.13	128	7821	1.267	ug/l	95

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

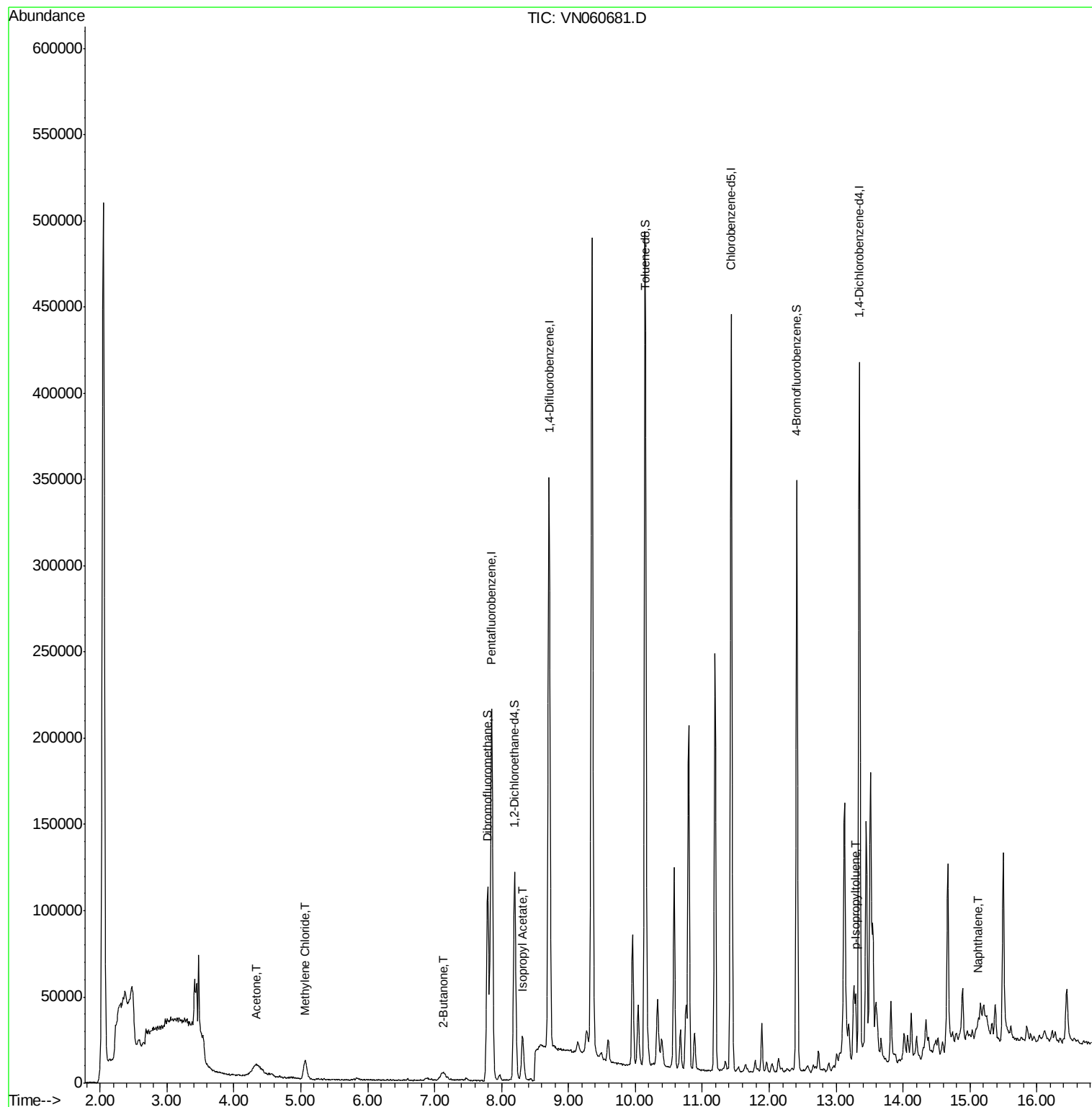
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032420\
Data File : VN060681.D
Acq On : 24 Mar 2020 18:38
Operator : JC/MD
Sample : L2006-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

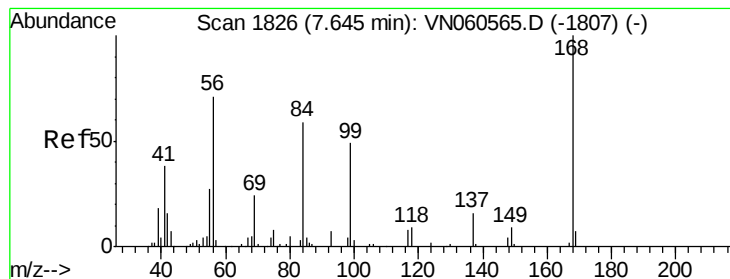
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR

Manual Integrations
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Quant Time: Mar 25 10:11:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.85 min Scan# 1891

Delta R.T. 0.21 min

Lab File: VN060681.D

Acq: 24 Mar 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR

Tot Ion:168 Resp: 167476

Ion Ratio Lower Upper

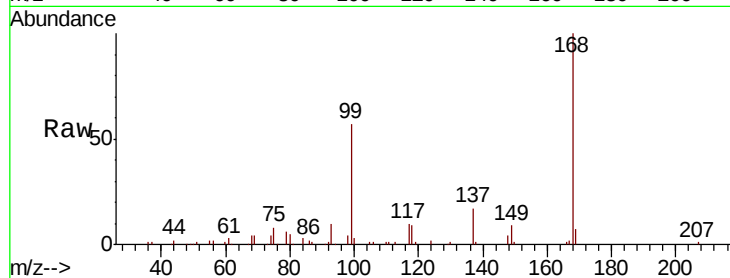
168 100

99 56.7 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1807) (-)

7.85

80000

60000

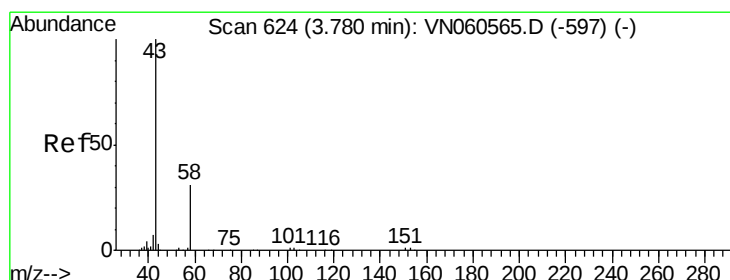
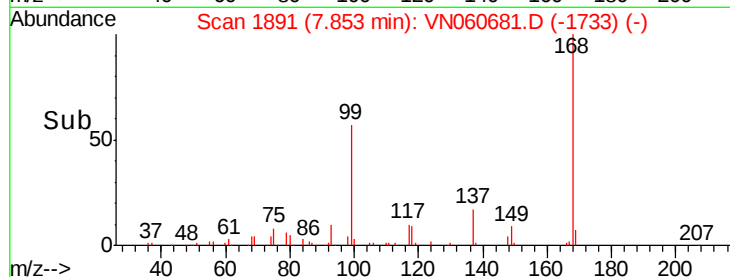
40000

20000

0

7.80 7.90

Time-->



#16

Acetone

Concen: 48.803 ug/l m

RT: 4.33 min Scan# 796

Delta R.T. 0.55 min

Lab File: VN060681.D

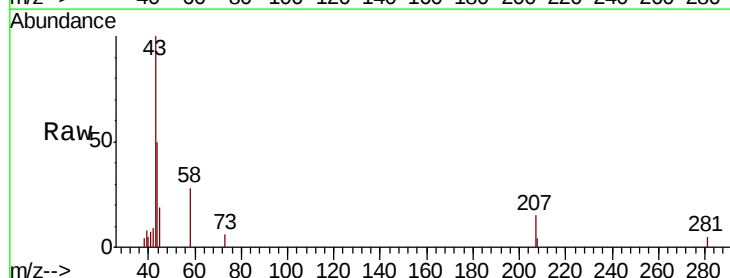
Acq: 24 Mar 2020 18:38

Tgt Ion: 43 Resp: 39744

Ion Ratio Lower Upper

43 100

58 28.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-597) (-)

4.33

5000

4000

3000

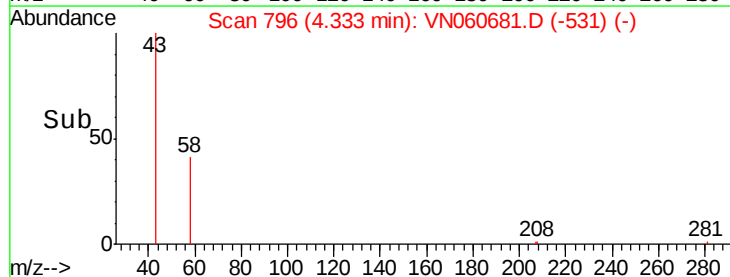
2000

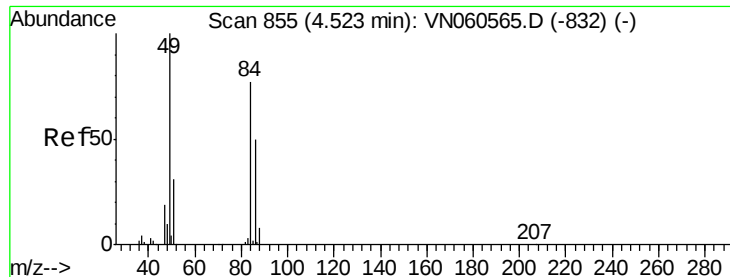
1000

0

4.00 4.20 4.40 4.60

Time-->





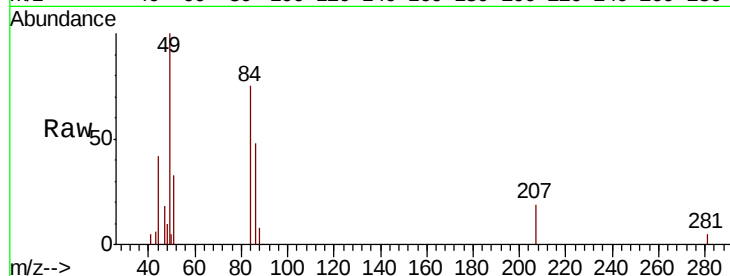
#20
Methvlene Chloride
Concen: 4.597 ug/l m
RT: 5.06 min Scan# 1022
Delta R.T. 0.54 min
Lab File: VN060681.D
Acq: 24 Mar 2020 18:38

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR

Tot Ion:	84	Resp:	9209
Ion	Ratio	Lower	Upper
84	100		
49	133.2	103.3	154.9
51	43.6	31.6	47.4
86	63.7	52.0	78.0

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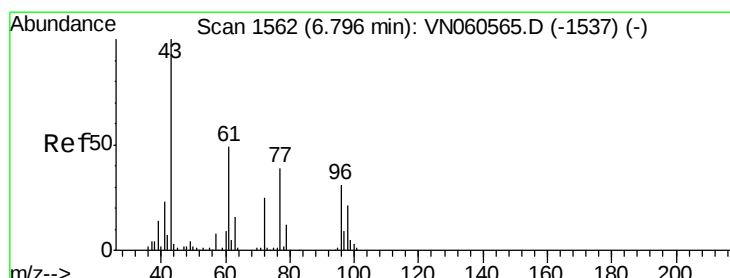
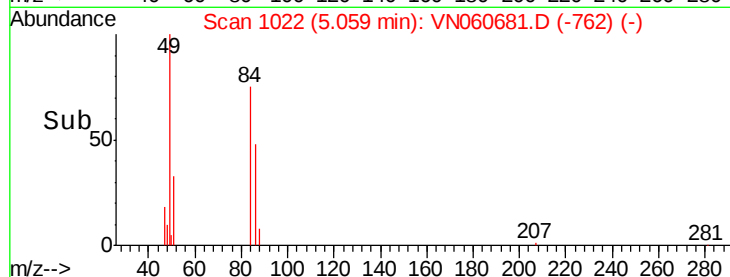
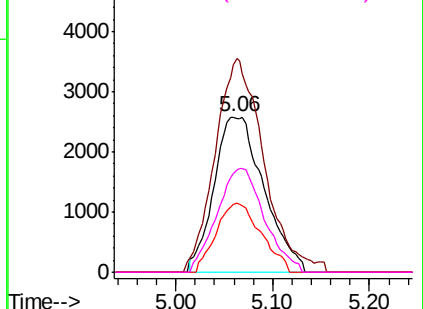


Abundance Ion 83.90 (83.60 to 84.60): VN060565.D (-832) (-)

Ion 48.90 (48.60 to 49.60): VN060565.D (-832) (-)

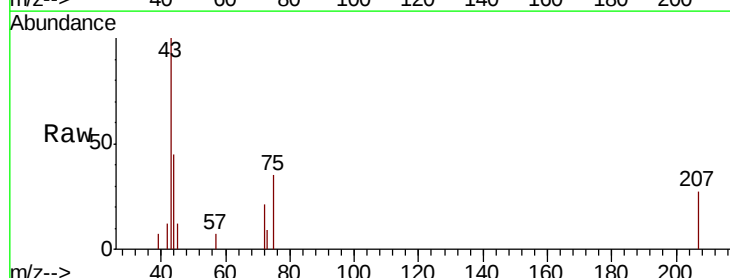
Ion 50.90 (50.60 to 51.60): VN060565.D (-832) (-)

Ion 85.90 (85.60 to 86.60): VN060565.D (-832) (-)



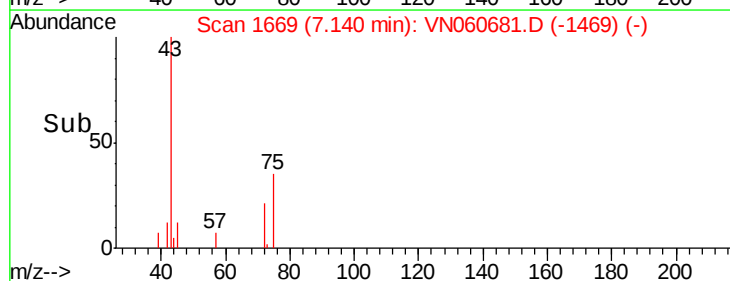
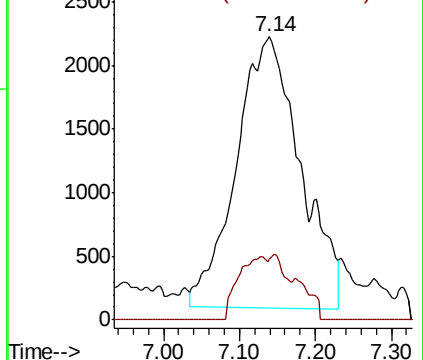
#25
2-Butanone
Concen: 9.536 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. 0.34 min
Lab File: VN060681.D
Acq: 24 Mar 2020 18:38

Tgt Ion:	43	Resp:	12567
Ion	Ratio	Lower	Upper
43	100		
72	21.2	20.4	30.6



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN060565.D (-1537) (-)





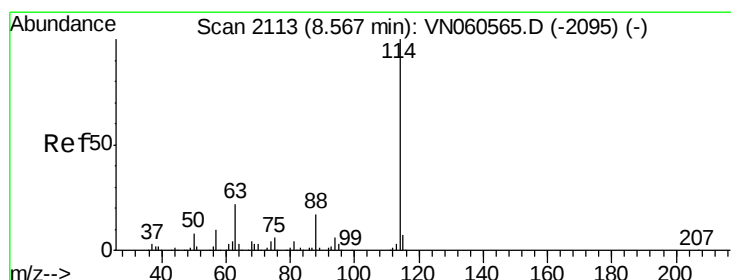
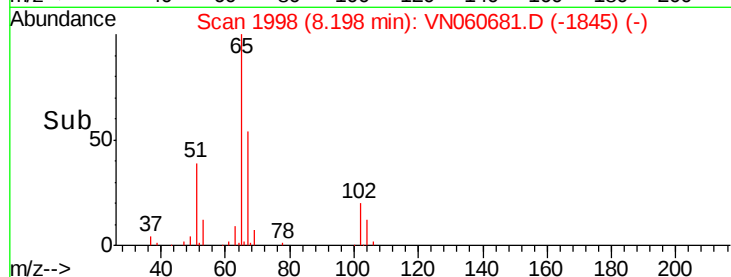
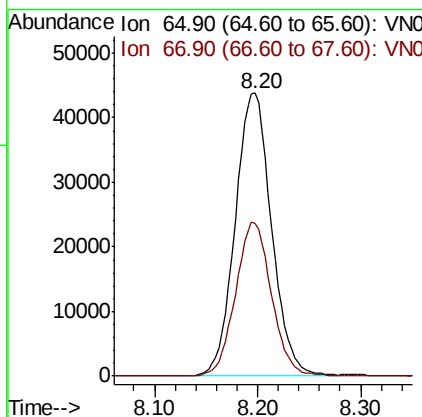
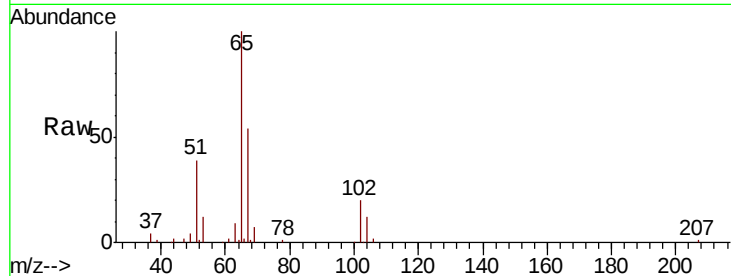
#33
 1,2-Dichloroethane-d4
 Concen: 46.718 ug/l
 RT: 8.20 min Scan# 1998
 Delta R.T. 0.19 min
 Lab File: VN060681.D
 Acq: 24 Mar 2020 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.6

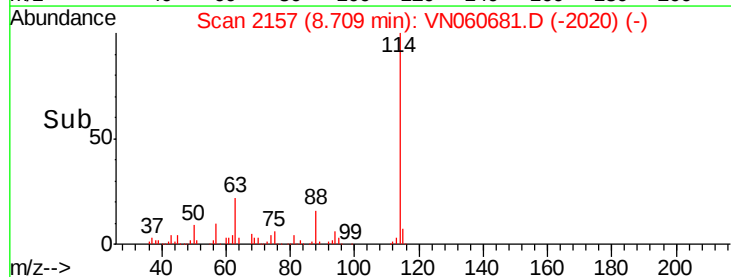
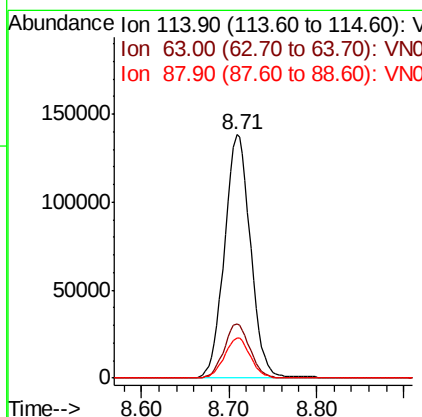
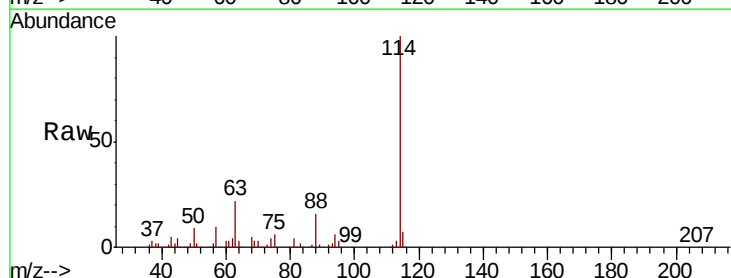
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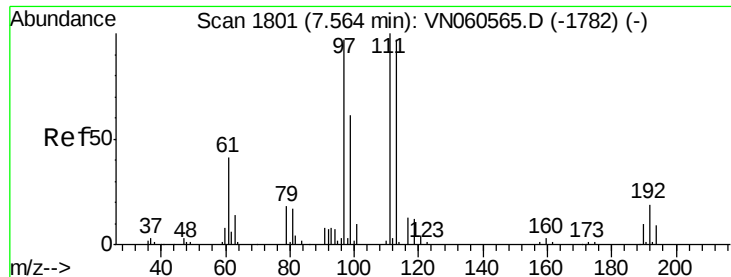
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 2157
 Delta R.T. 0.14 min
 Lab File: VN060681.D
 Acq: 24 Mar 2020 18:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.8
88	16.3	0.0	33.0





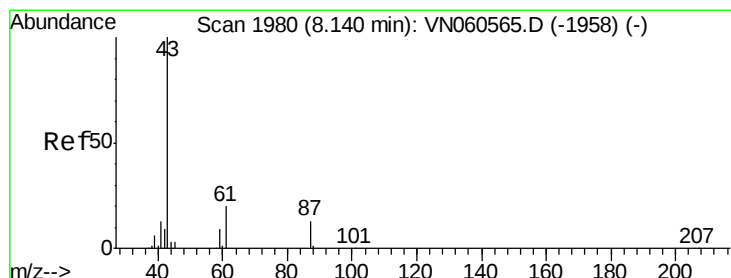
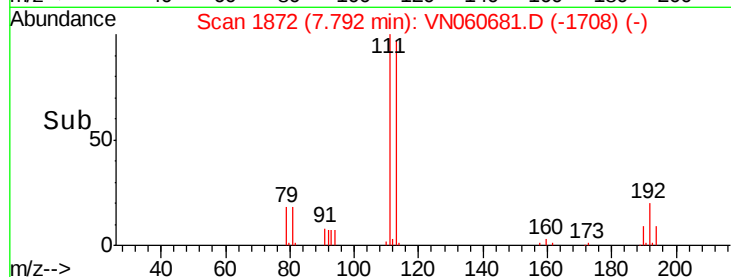
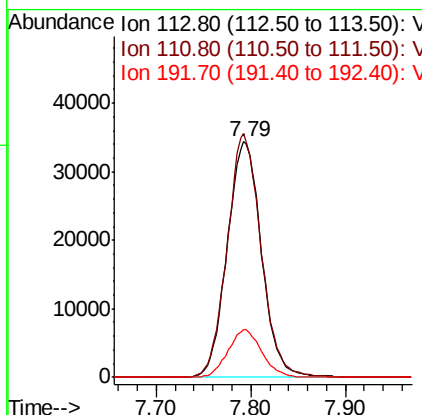
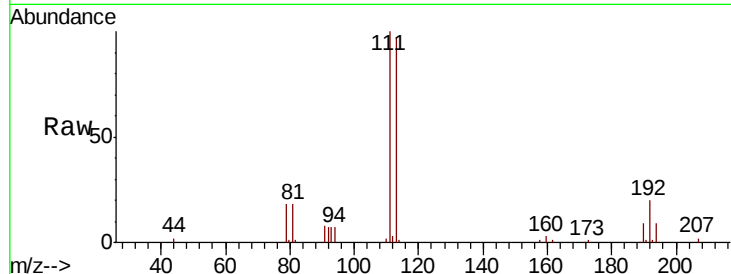
#35
 Dibromofluoromethane
 Concen: 50.039 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.23 min
 Lab File: VN060681.D
 Acq: 24 Mar 2020 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	19.8	15.8	23.8

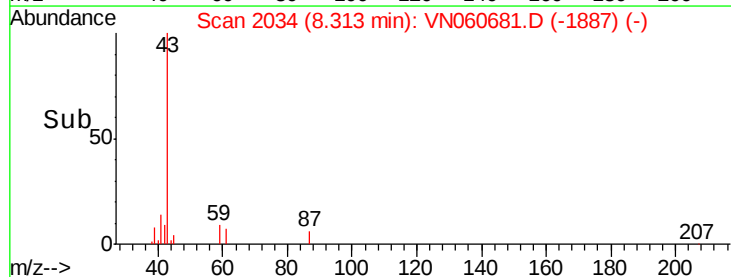
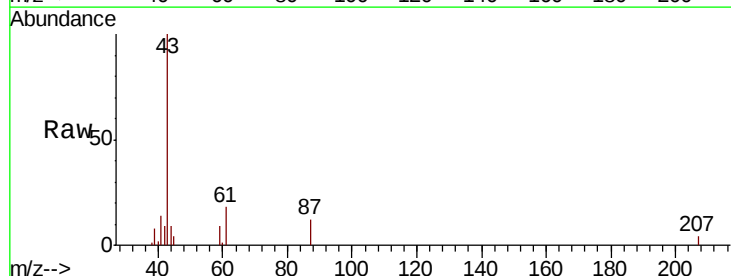
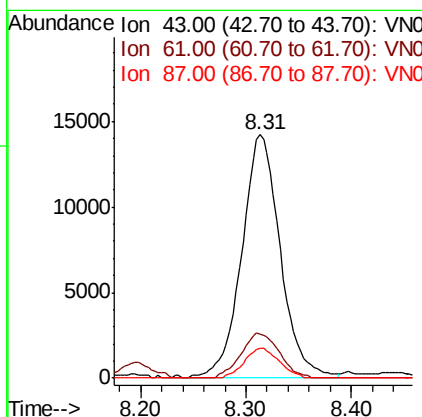
Manual Integrations
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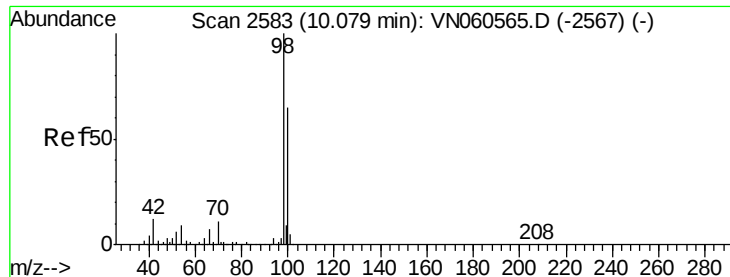
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#43
 Isopropyl Acetate
 Concen: 7.334 ug/l
 RT: 8.31 min Scan# 2034
 Delta R.T. 0.17 min
 Lab File: VN060681.D
 Acq: 24 Mar 2020 18:38

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	20.7	31.1#
87	11.2	9.8	14.8





#50

Toluene-d8

Concen: 48.587 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.07 min

Lab File: VN060681.D

Acq: 24 Mar 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR

Tot Ion: 98 Resp: 343322

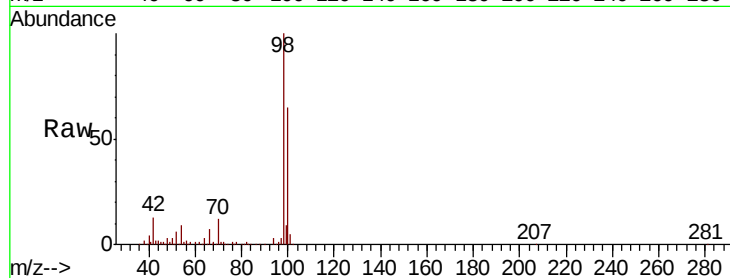
Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8

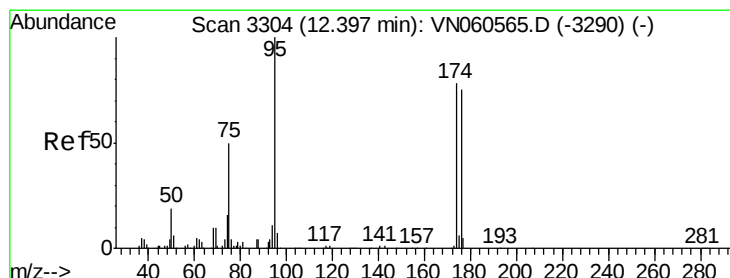
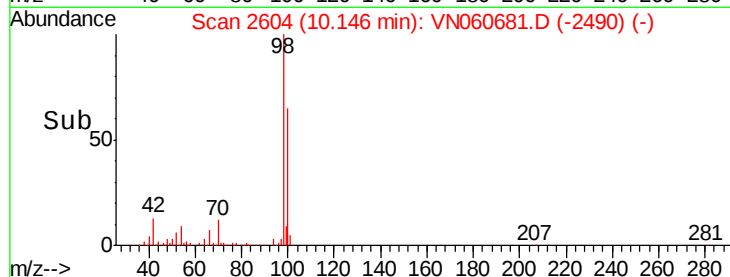
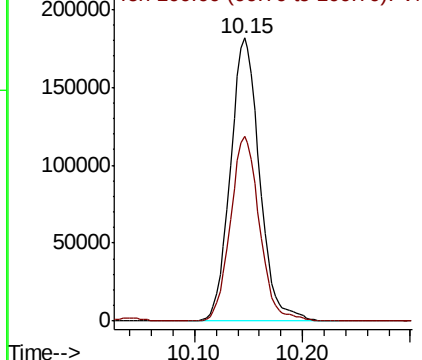
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 45.793 ug/l

RT: 12.41 min Scan# 3309

Delta R.T. 0.02 min

Lab File: VN060681.D

Acq: 24 Mar 2020 18:38

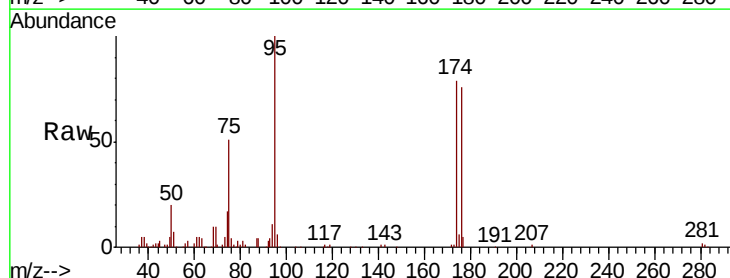
Tgt Ion: 95 Resp: 118587

Ion Ratio Lower Upper

95 100

174 79.3 0.0 157.6

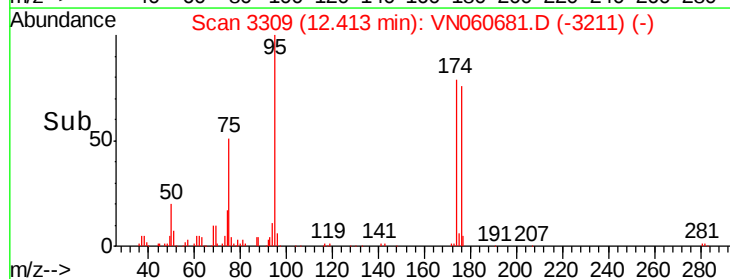
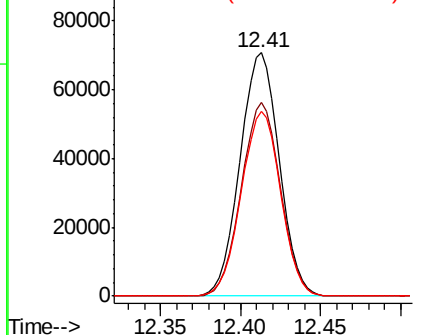
176 76.3 0.0 150.6

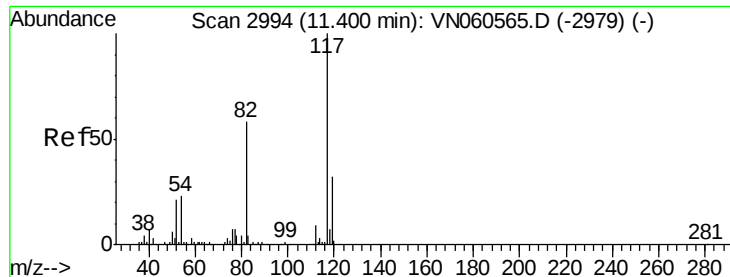


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





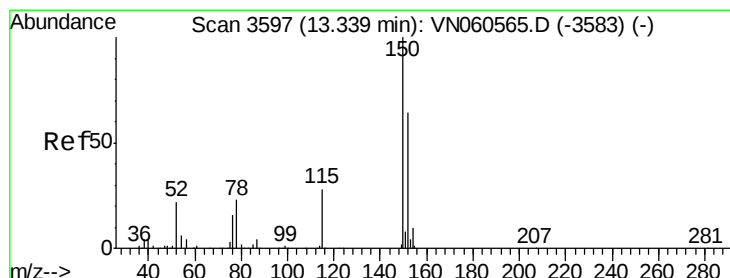
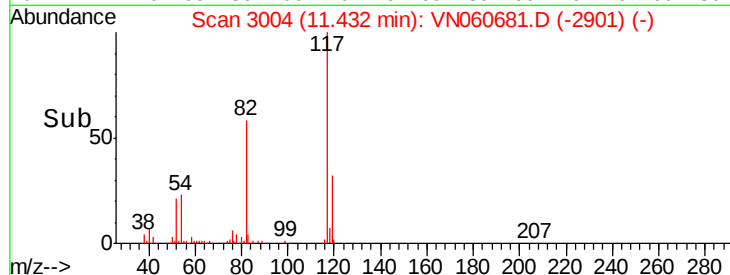
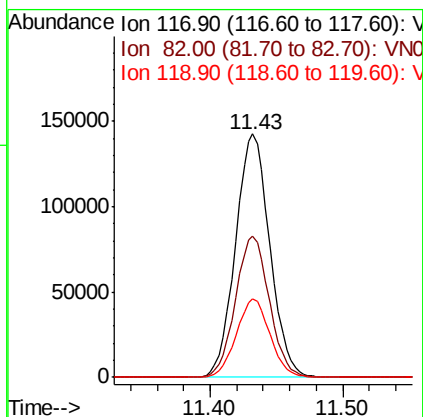
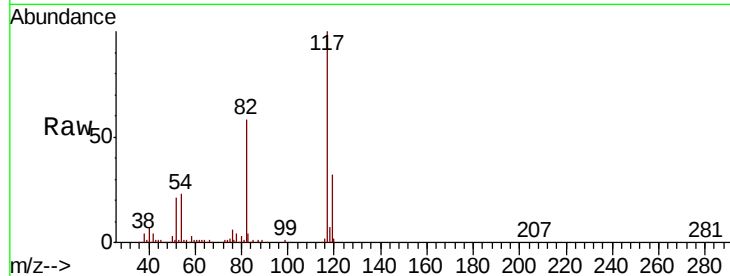
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.03 min
Lab File: VN060681.D
Acq: 24 Mar 2020 18:38

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.7	70.1
119	32.1	25.5	38.3

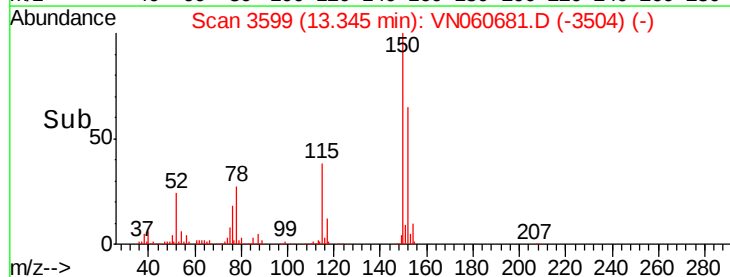
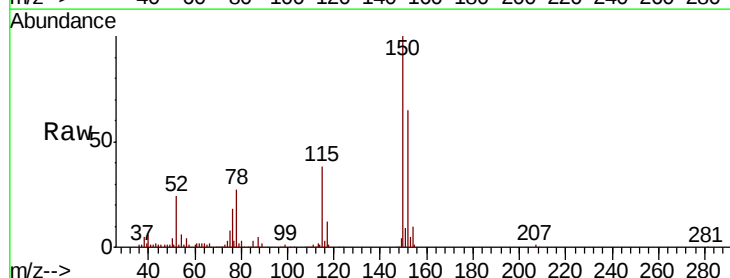
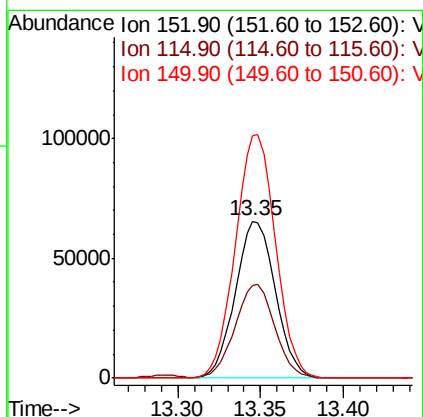
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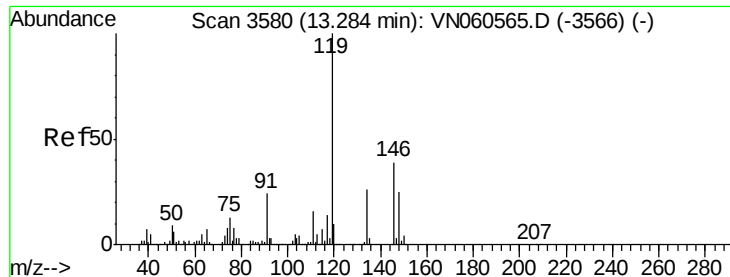
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.01 min
Lab File: VN060681.D
Acq: 24 Mar 2020 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.2	90.6
150	155.7	0.0	350.2





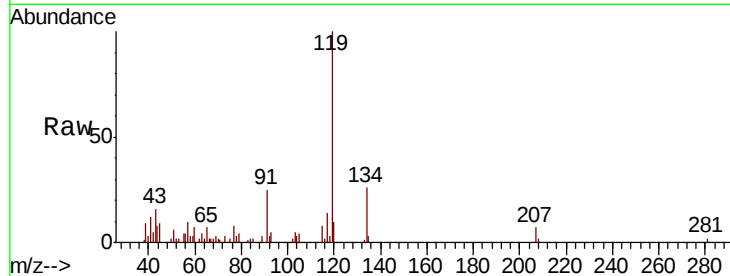
#86
p-Isopropyltoluene
Concen: 3.125 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.01 min
Lab File: VN060681.D
Acq: 24 Mar 2020 18:38

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.0	39.0
91	25.2	12.0	36.0

Manual Integrations
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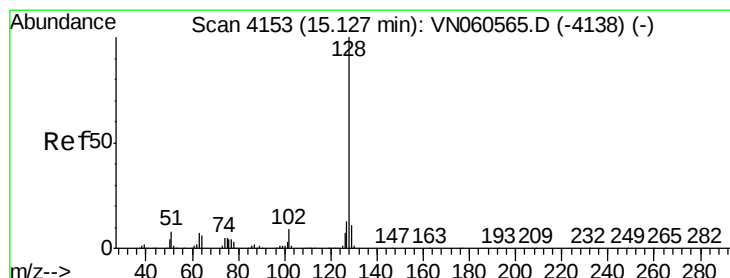
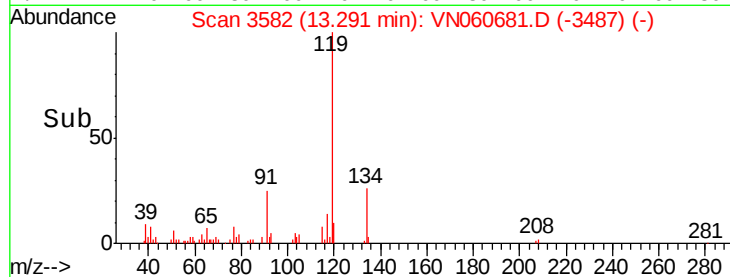
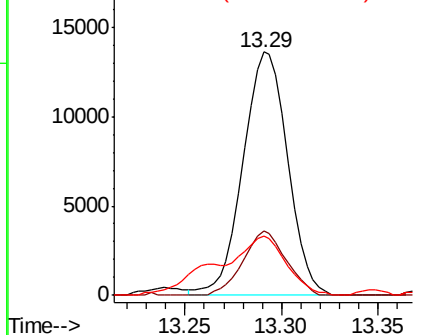


Abundance

Ion 119.00 (118.70 to 119.70): V

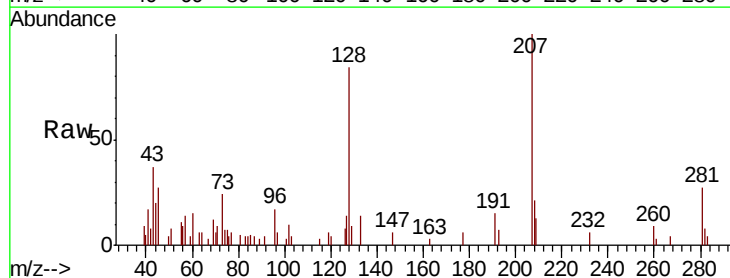
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 1.267 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060681.D
Acq: 24 Mar 2020 18:38

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	8.8	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

