

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060791.D
 Acq On : 31 Mar 2020 17:13
 Operator : JC/MD
 Sample : L2070-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 01 09:19:03 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	7.64	168	196613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	329329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144627	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	127498	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
35) Dibromofluoromethane	7.56	113	97509	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	10.08	98	407337	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.40	95	153225	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

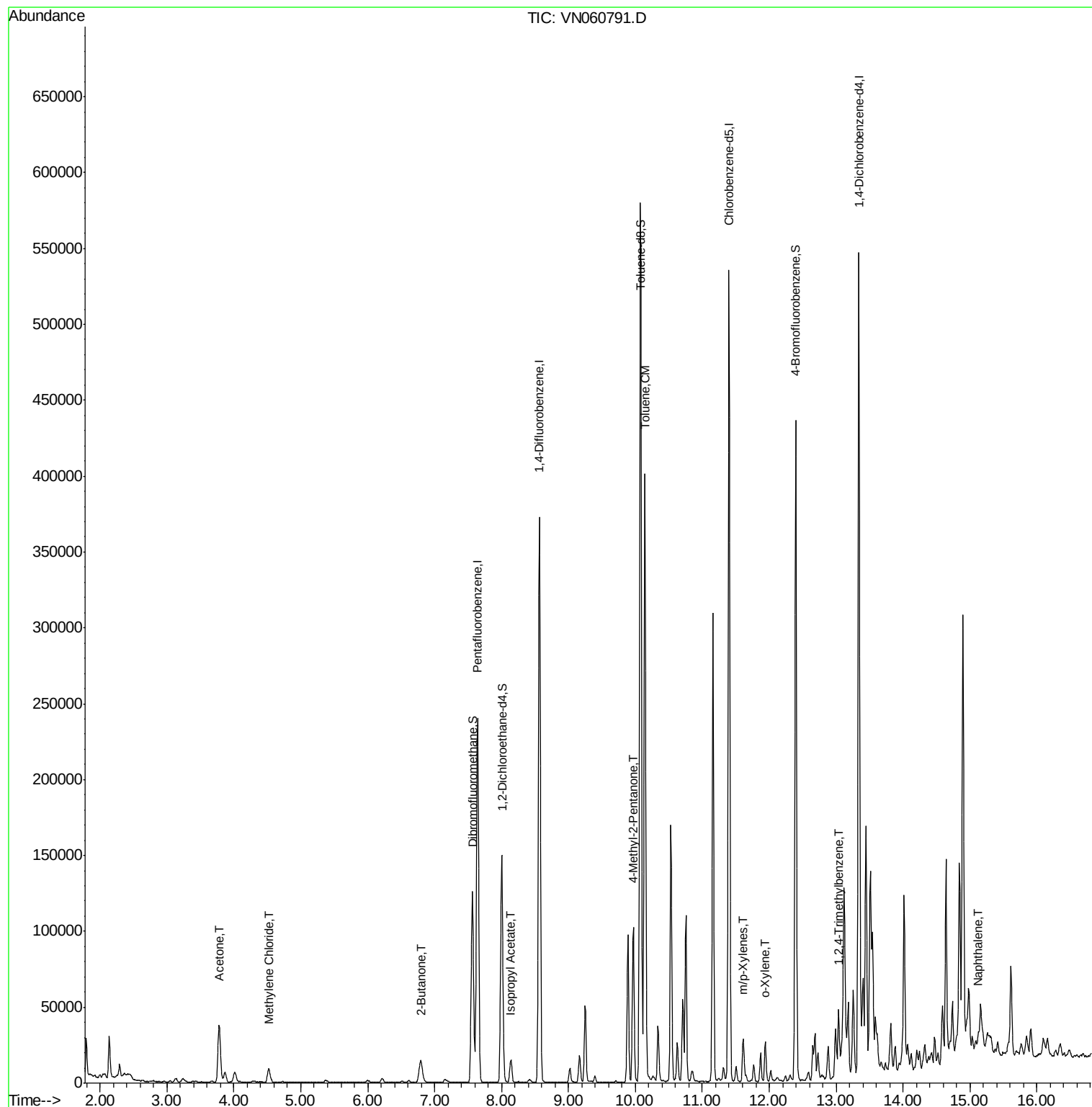
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	65991	69.024	ug/l	99
20) Methylene Chloride	4.52	84	6942	2.952	ug/l	96
25) 2-Butanone	6.80	43	23901	15.449	ug/l	94
43) Isopropyl Acetate	8.14	43	18603	3.274	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	72487	22.416	ug/l	98
52) Toluene	10.14	92	178703	30.738	ug/l	100
68) m/p-Xylenes	11.61	106	9020	2.137	ug/l	97
69) o-Xylene	11.94	106	5813	1.443	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	24996	2.743	ug/l	99
95) Naphthalene	15.13	128	8828	1.084	ug/l	96

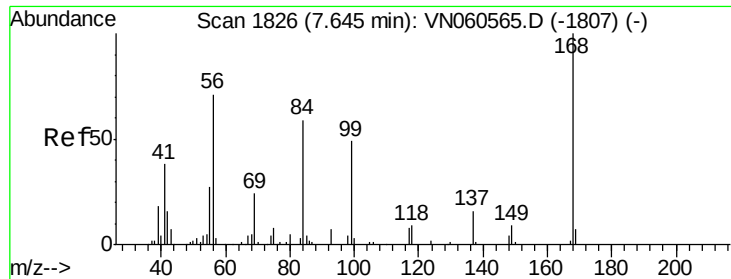
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

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Quant Time: Apr 01 09:19:03 2020
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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: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060791.D

Acq: 31 Mar 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

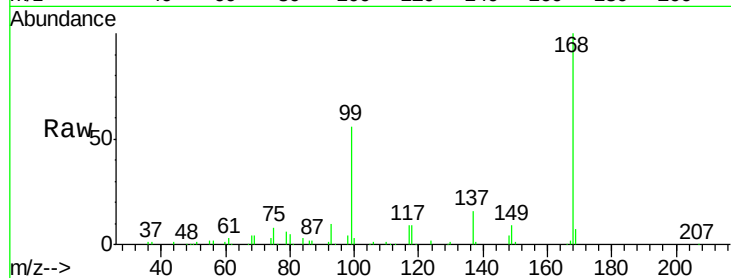
OIL-WATER-SEPARATOR-SLUDGE-

Tot Ion:168 Resp: 196613

Ion Ratio Lower Upper

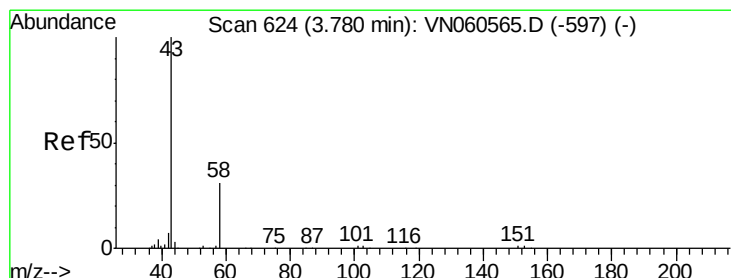
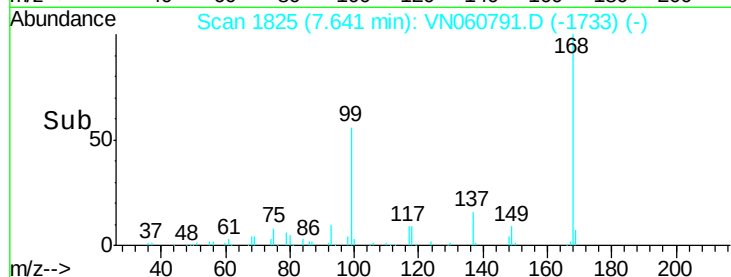
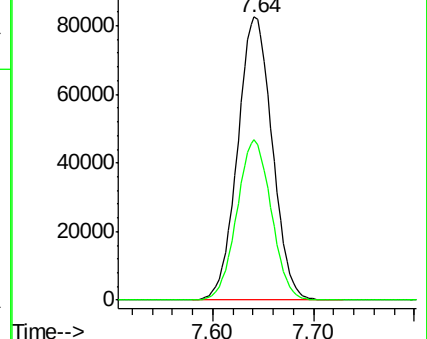
168 100

99 56.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 69.024 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060791.D

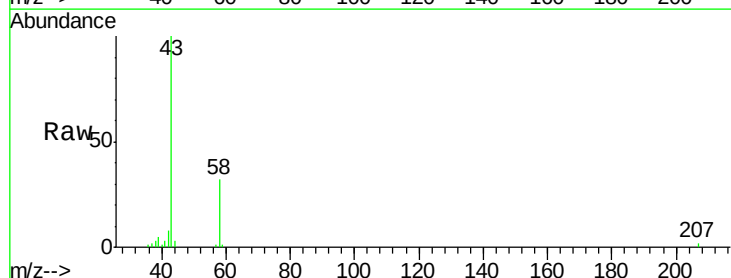
Acq: 31 Mar 2020 17:13

Tgt Ion: 43 Resp: 65991

Ion Ratio Lower Upper

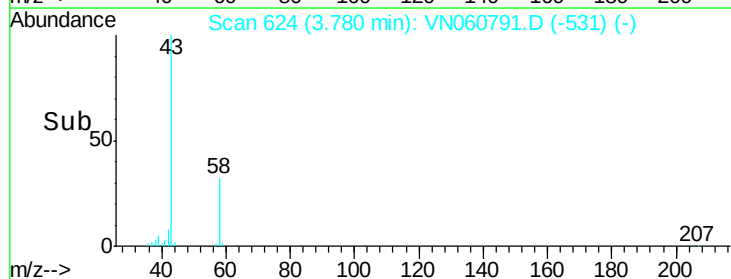
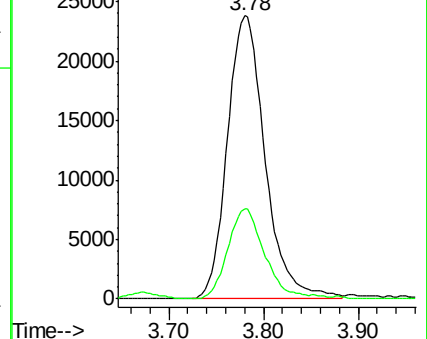
43 100

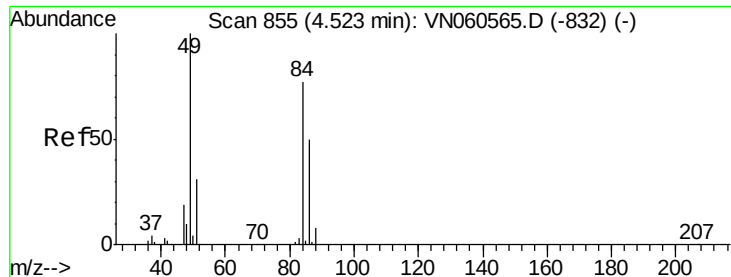
58 31.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

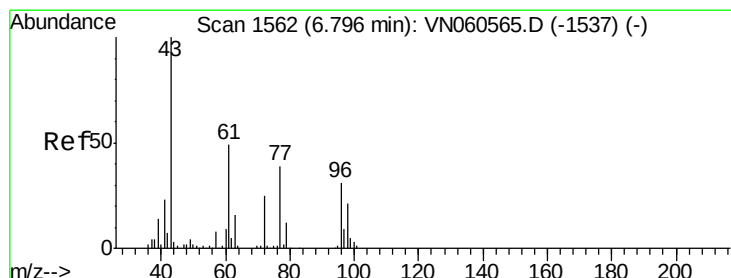
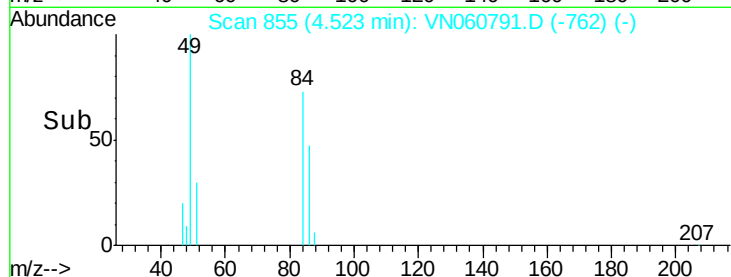
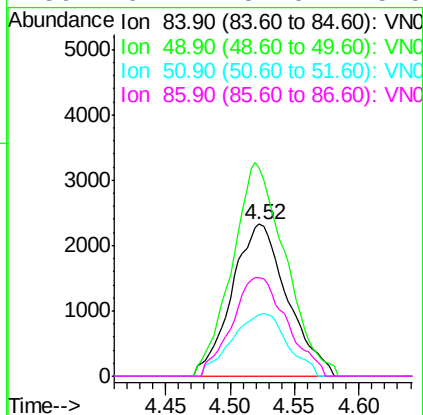
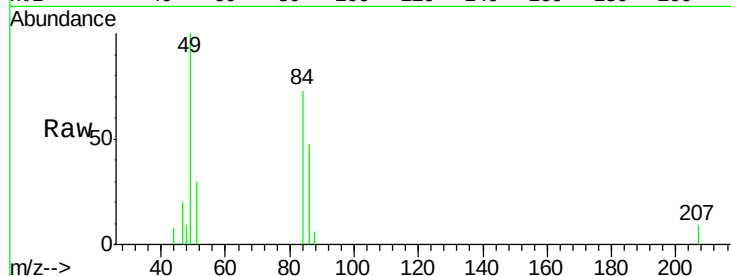




#20
Methvlene Chloride
Concen: 2.952 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

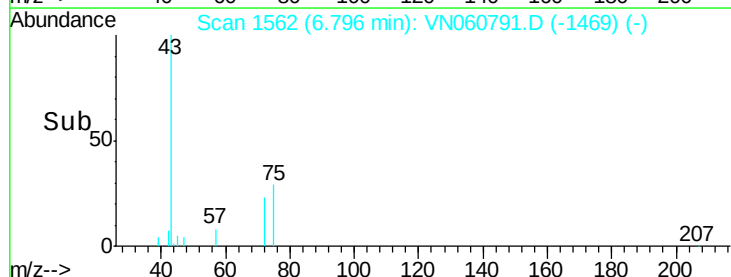
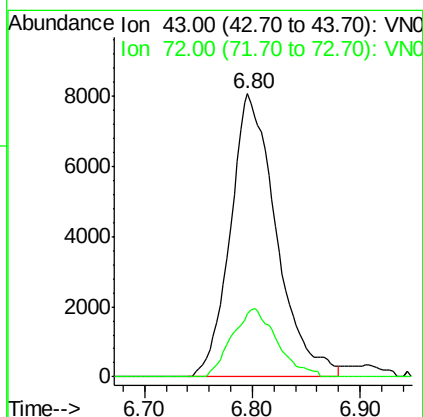
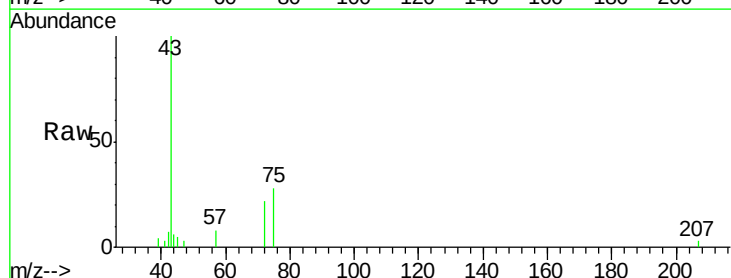
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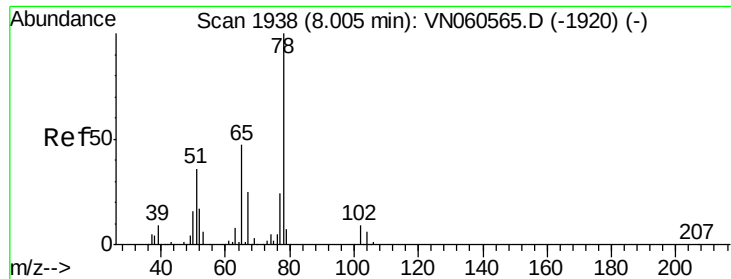
Tot Ion:	84	Resp:	6942
Ion	Ratio	Lower	Upper
84	100		
49	137.2	103.3	154.9
51	40.7	31.6	47.4
86	64.7	52.0	78.0



#25
2-Butanone
Concen: 15.449 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

Tgt Ion:	43	Resp:	23901
Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.4	30.6

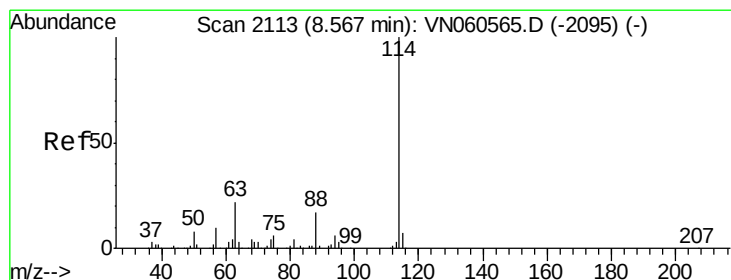
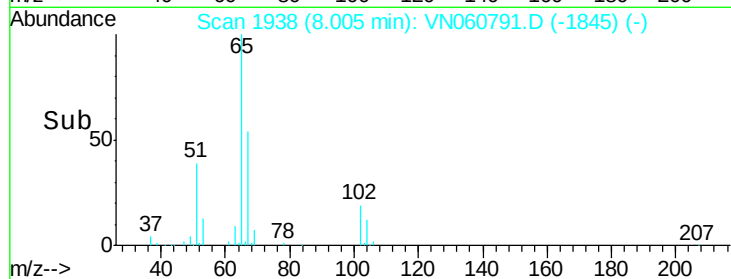
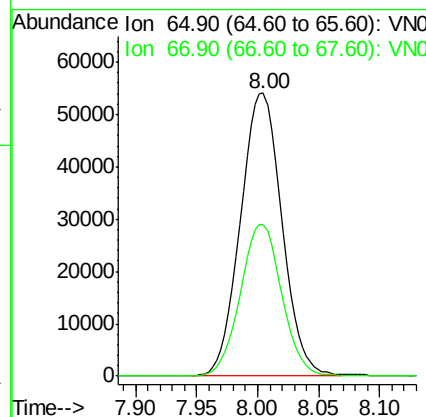
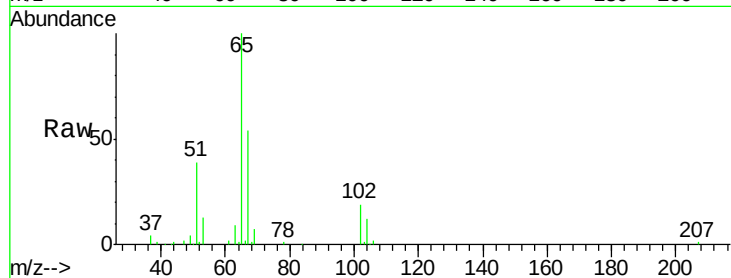




#33
 1,2-Dichloroethane-d4
 Concen: 47.238 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060791.D
 Acq: 31 Mar 2020 17:13

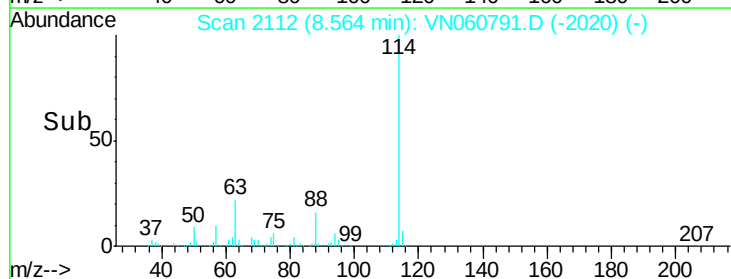
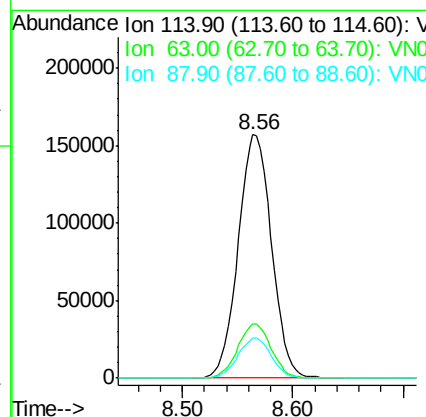
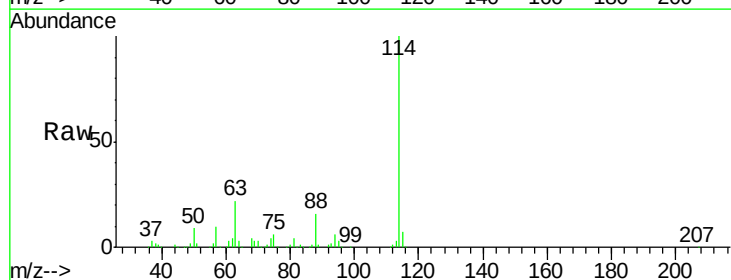
Instrument :
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 OIL-WATER-SEPARATOR-SLUDGE-

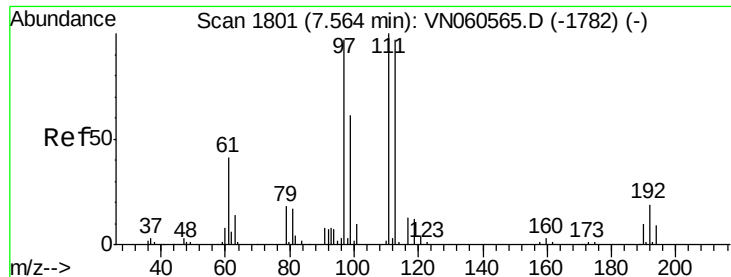
Tot Ion: 65 Resp: 127498
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060791.D
 Acq: 31 Mar 2020 17:13

Tgt Ion: 114 Resp: 329329
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.3 0.0 33.0

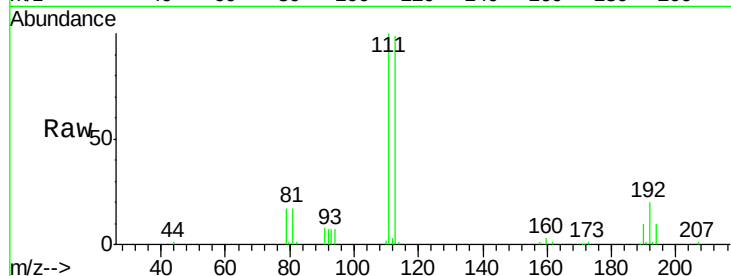




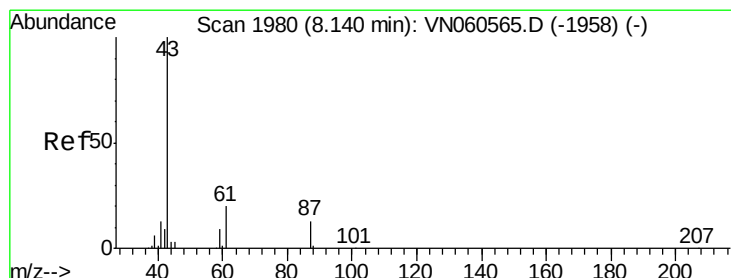
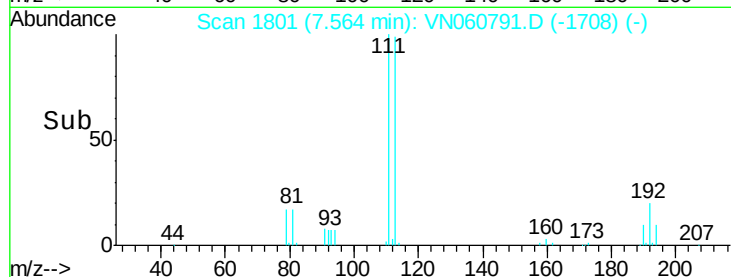
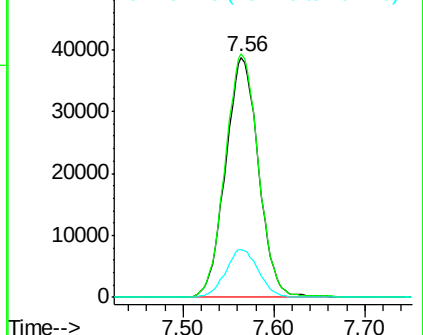
#35
Dibromofluoromethane
Concen: 48.966 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-SLUDGE-

Tot Ion:113 Resp: 97509
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 19.8 15.8 23.8

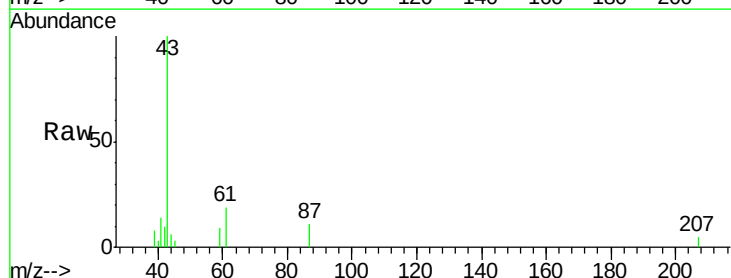


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

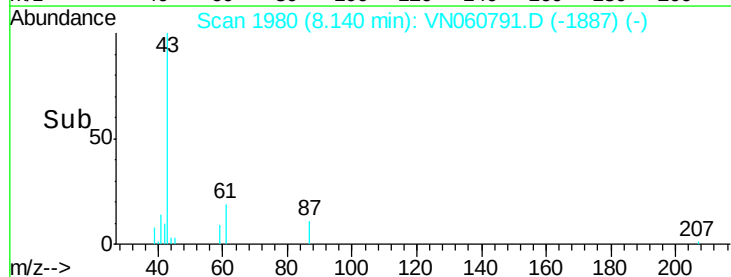
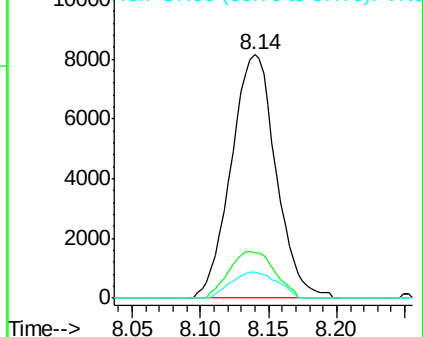


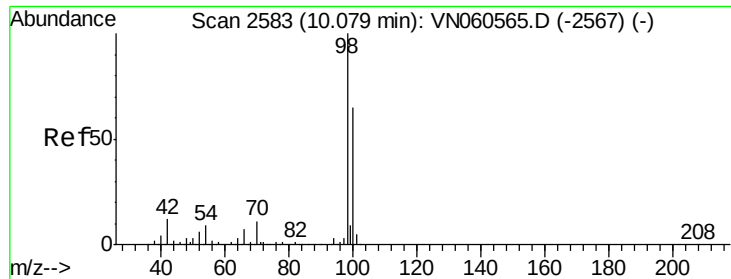
#43
Isopropyl Acetate
Concen: 3.274 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

Tgt Ion: 43 Resp: 18603
Ion Ratio Lower Upper
43 100
61 19.4 20.7 31.1#
87 11.0 9.8 14.8



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

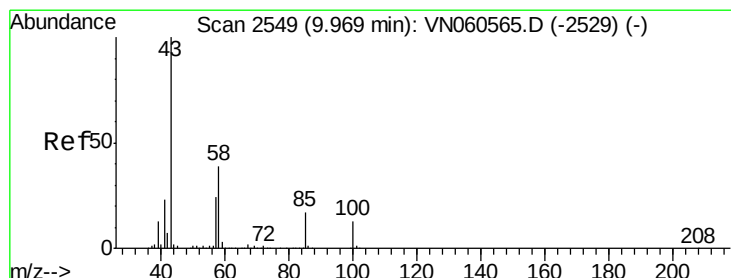
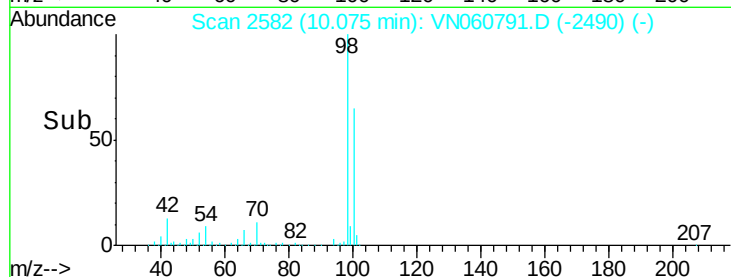
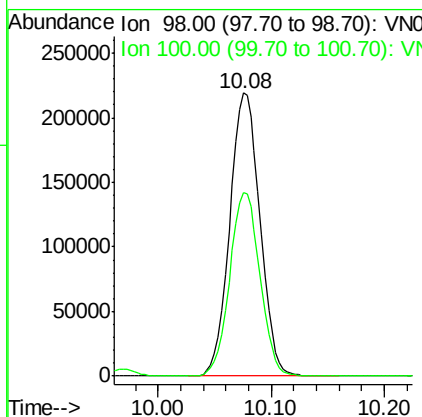
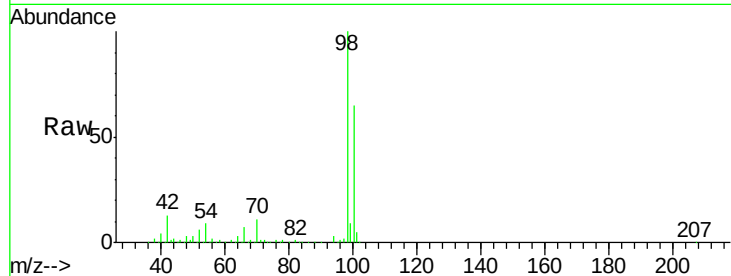




#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

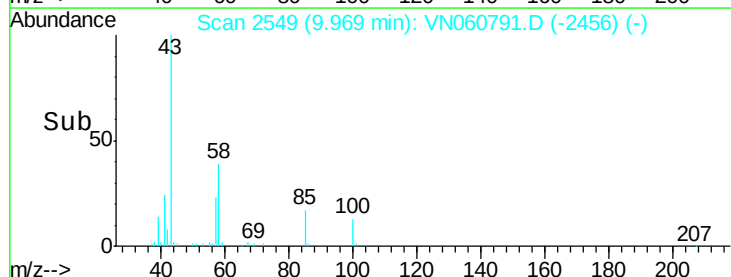
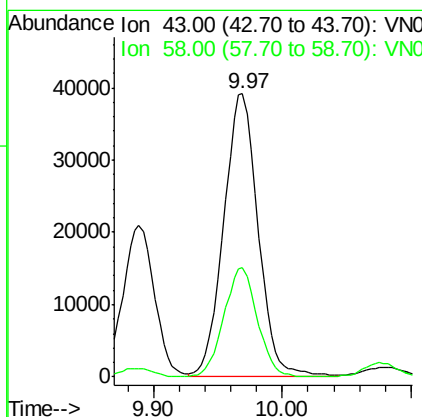
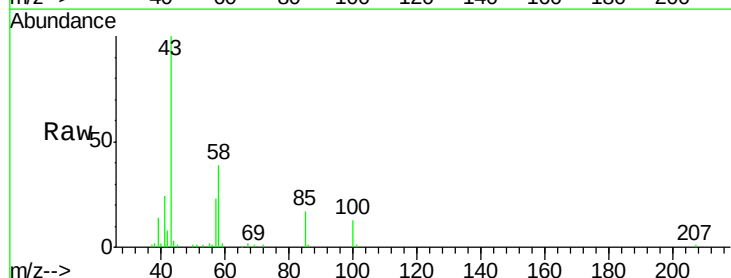
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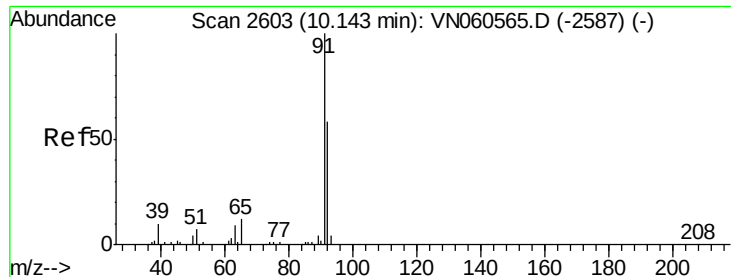
Tot Ion: 98 Resp: 407337
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 22.416 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

Tgt Ion: 43 Resp: 72487
Ion Ratio Lower Upper
43 100
58 37.3 30.8 46.2





#52

Toluene

Concen: 30.738 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060791.D

Acq: 31 Mar 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

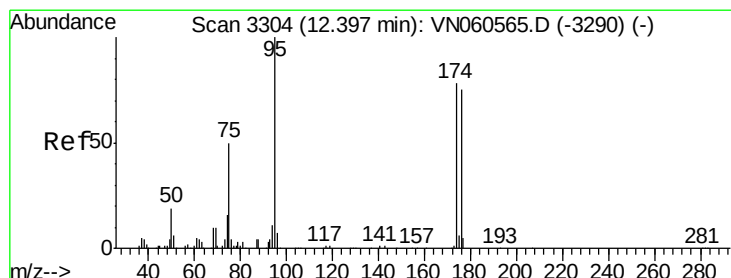
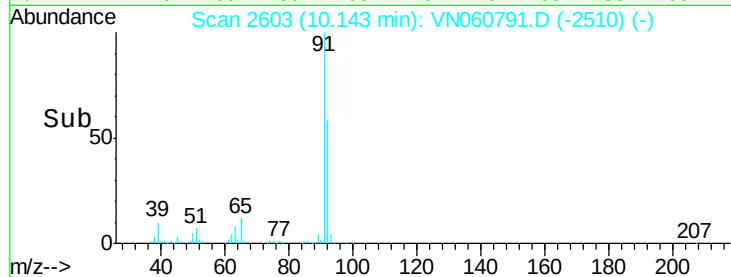
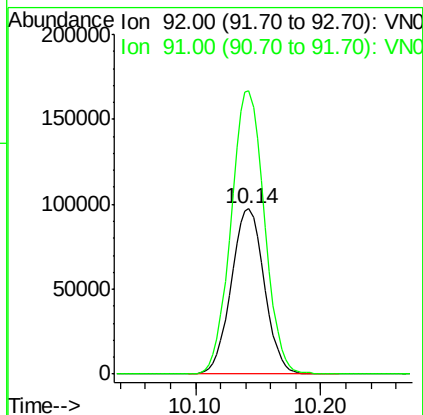
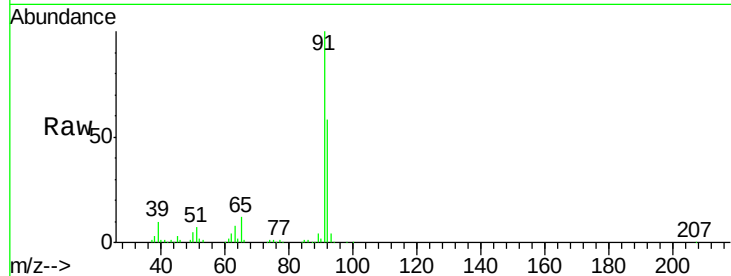
OIL-WATER-SEPERATOR-SLUDGE-

Tot Ion: 92 Resp: 178703

Ion Ratio Lower Upper

92 100

91 172.5 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 51.401 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060791.D

Acq: 31 Mar 2020 17:13

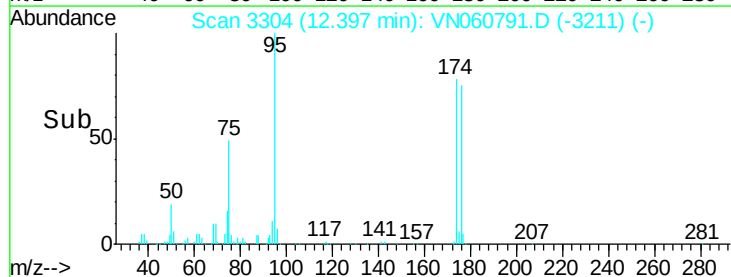
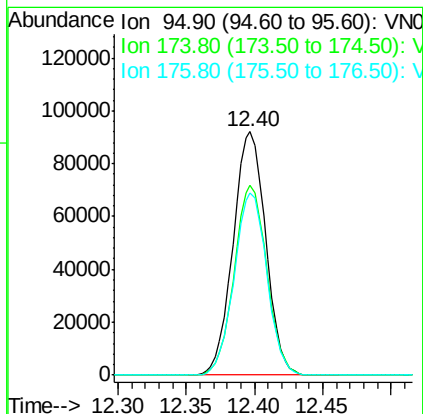
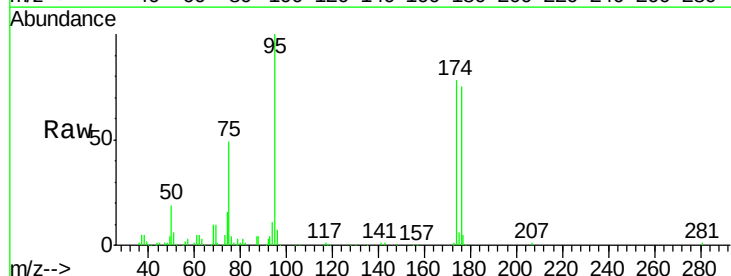
Tgt Ion: 95 Resp: 153225

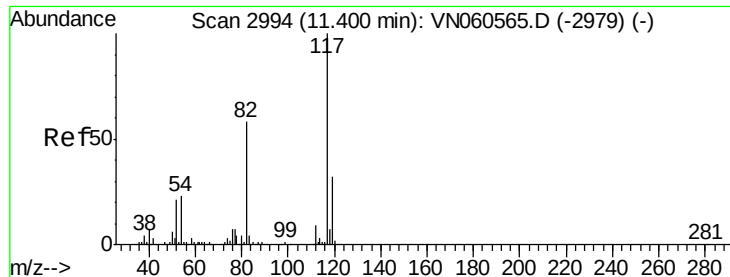
Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.6

176 75.1 0.0 150.6

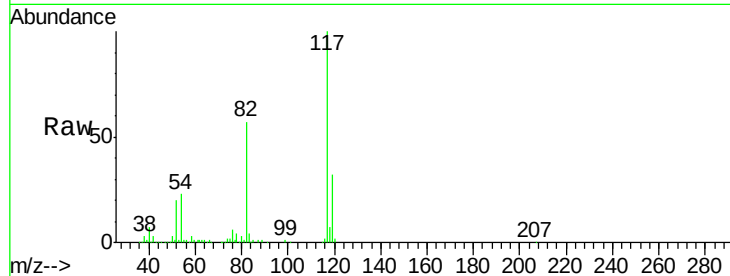




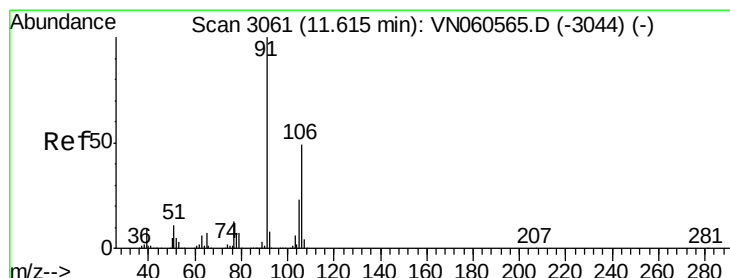
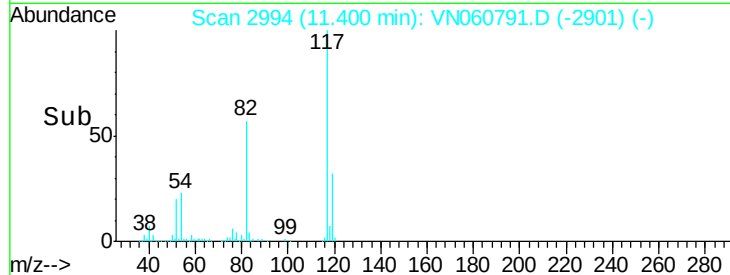
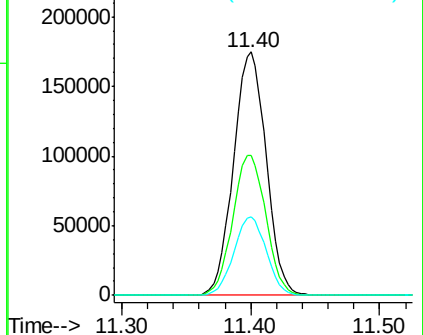
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

Instrument :
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ClientSampleId :
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Tot Ion:117 Resp: 308137
Ion Ratio Lower Upper
117 100
82 57.2 46.7 70.1
119 32.4 25.5 38.3

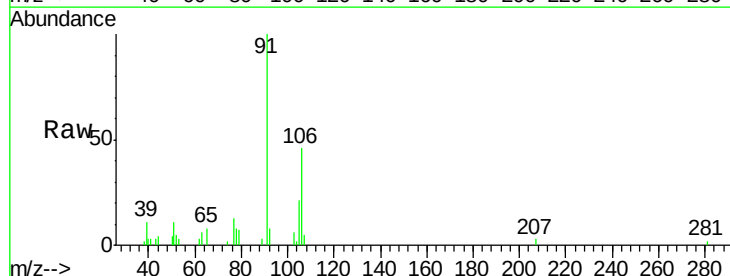


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

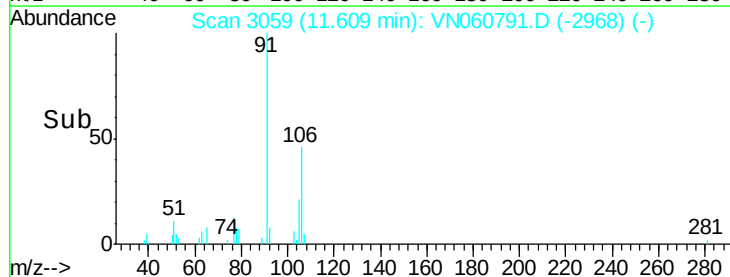
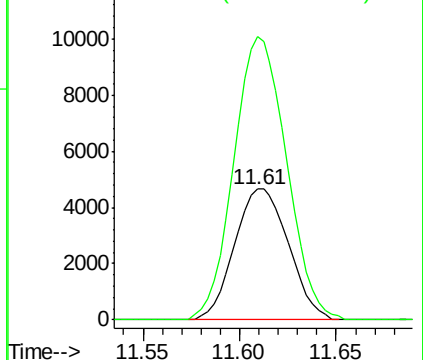


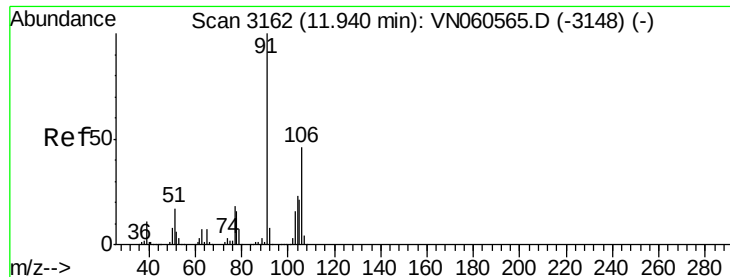
#68
m/p-Xylenes
Concen: 2.137 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

Tgt Ion:106 Resp: 9020
Ion Ratio Lower Upper
106 100
91 211.5 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

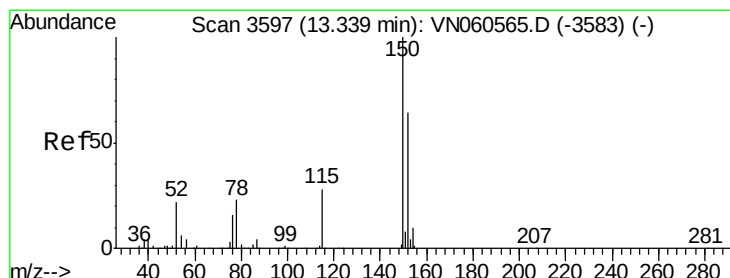
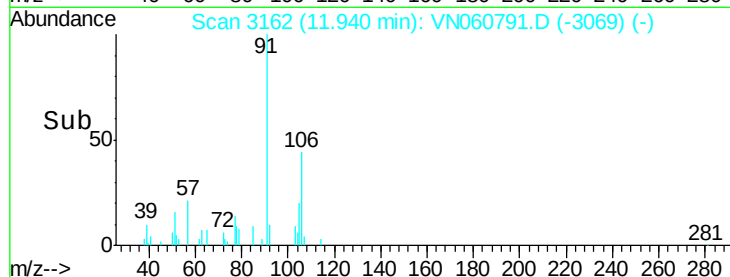
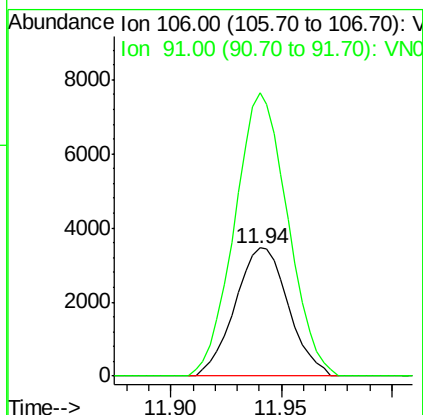
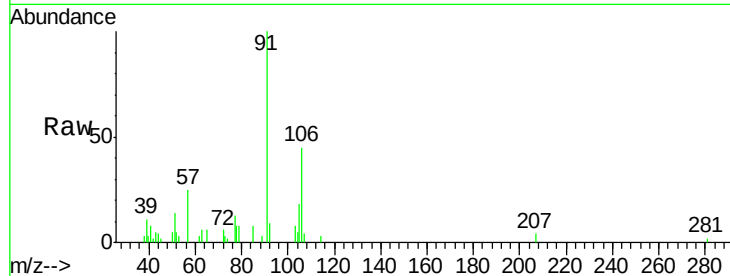




#69
o-Xylene
Concen: 1.443 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

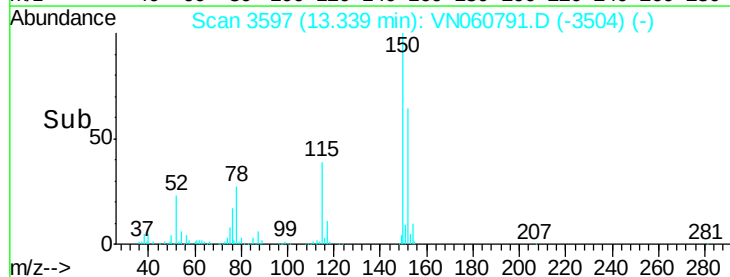
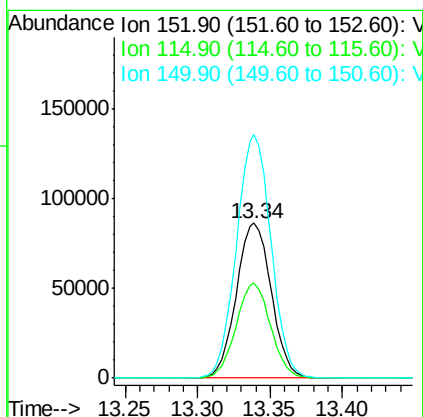
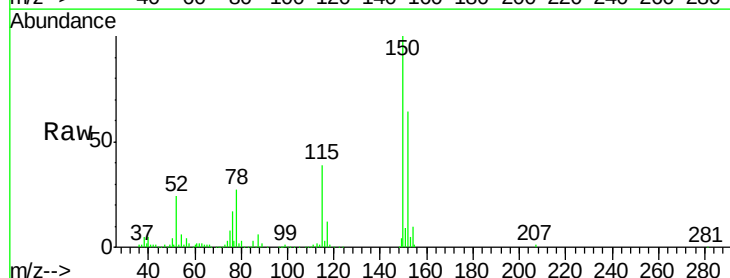
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-SLUDGE-

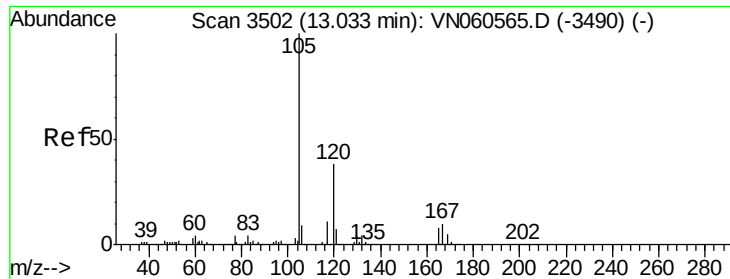
Tot Ion:106 Resp: 5813
Ion Ratio Lower Upper
106 100
91 219.5 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060791.D
Acq: 31 Mar 2020 17:13

Tgt Ion:152 Resp: 144627
Ion Ratio Lower Upper
152 100
115 60.7 30.2 90.6
150 155.3 0.0 350.2





#84

1,2,4-Trimethylbenzene

Concen: 2.743 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. 0.00 min

Lab File: VN060791.D

Acq: 31 Mar 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

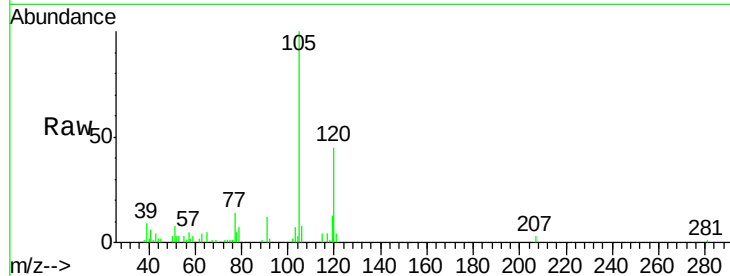
OIL-WATER-SEPERATOR-SLUDGE-

Tot Ion:105 Resp: 24996

Ion Ratio Lower Upper

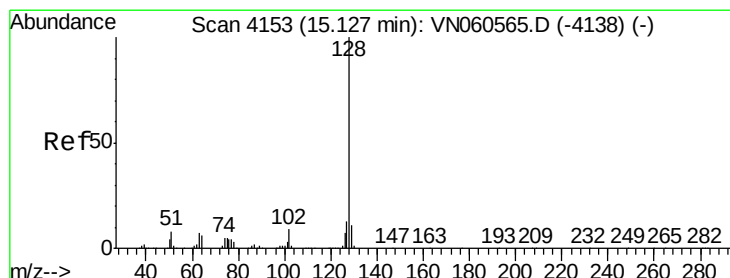
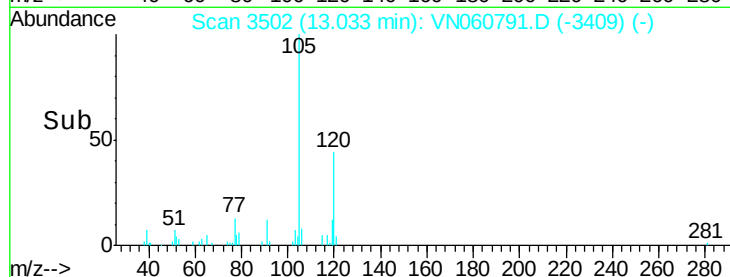
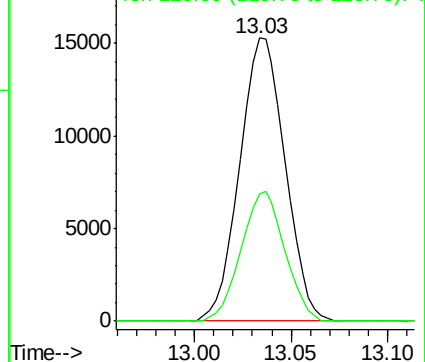
105 100

120 43.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.084 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN060791.D

Acq: 31 Mar 2020 17:13

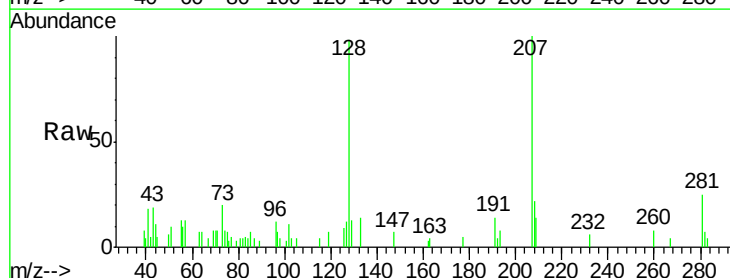
Tgt Ion:128 Resp: 8828

Ion Ratio Lower Upper

128 100

127 11.0 10.2 15.2

129 12.1 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

