

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060402.D
 Acq On : 9 Mar 2020 14:49
 Operator : JC/MD
 Sample : L1832-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 32240-41-32244-32245

Quant Time: Mar 09 17:33:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	339599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	324608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	134396	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	7.57	113	99778	63.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.60%	
50) Toluene-d8	10.08	98	419876	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.40	95	159345	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

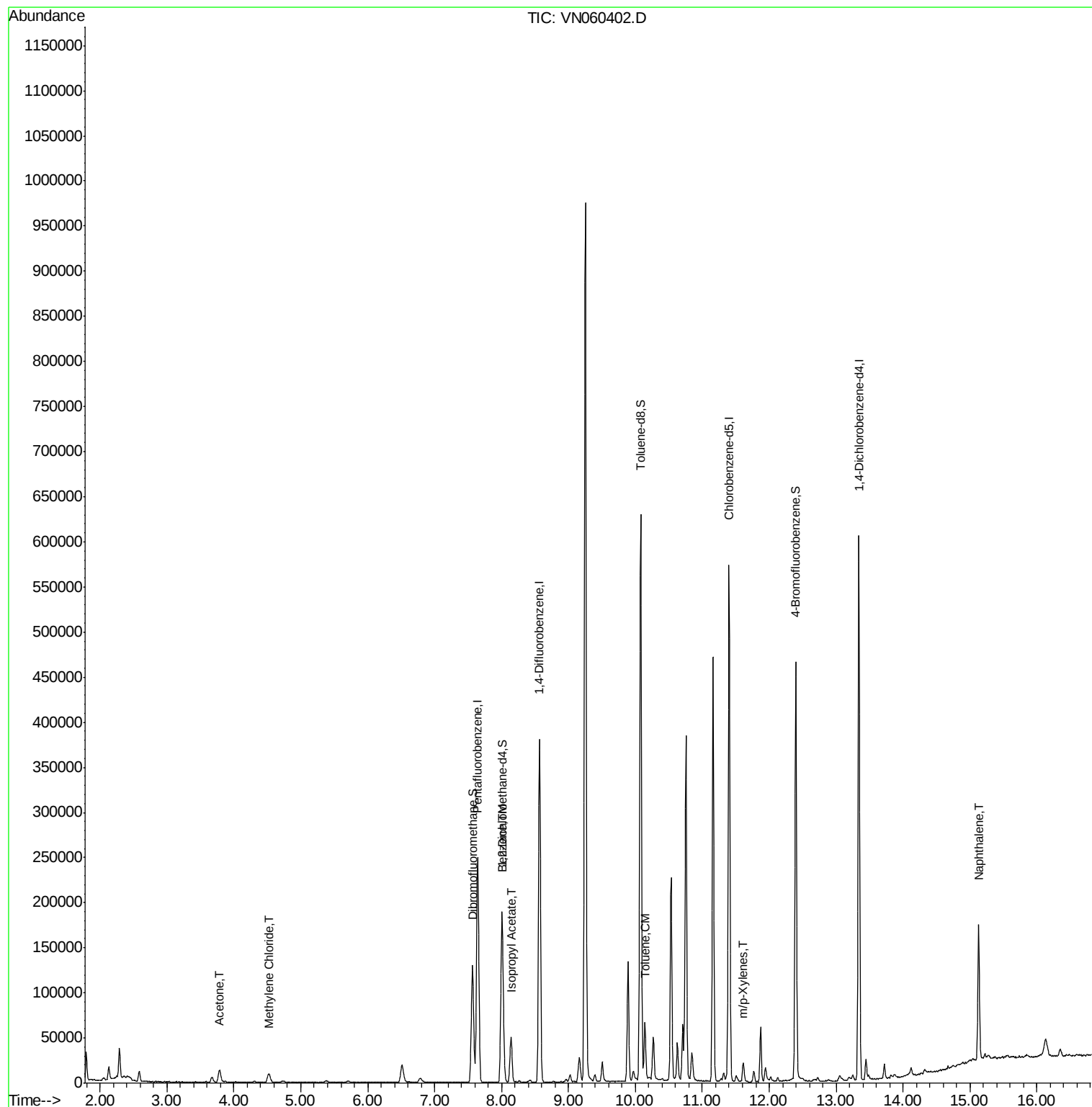
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	23849	27.87	ug/l	98
20) Methylene Chloride	4.52	84	7726	3.29	ug/l	96
40) Benzene	8.02	78	55929	5.94	ug/l	100
43) Isopropyl Acetate	8.14	43	59431	11.08	ug/l #	91
52) Toluene	10.14	92	27580	4.66	ug/l	99
68) m/p-Xylenes	11.61	106	6671	1.48	ug/l	96
95) Naphthalene	15.13	128	124476	13.24	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060402.D

Acq: 9 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

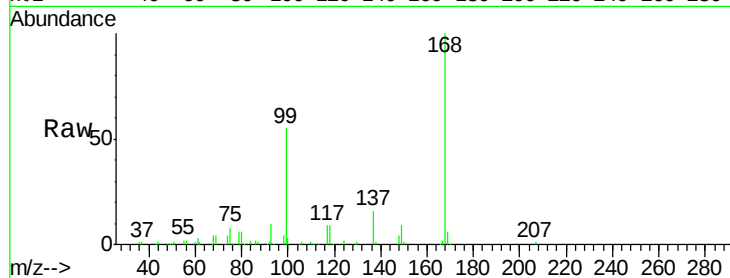
32240-41-32244-32245

Tgt Ion:168 Resp: 206521

Ion Ratio Lower Upper

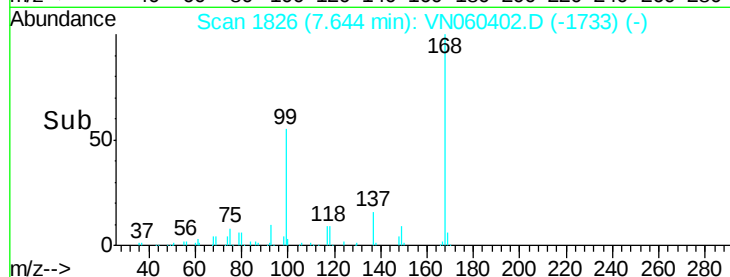
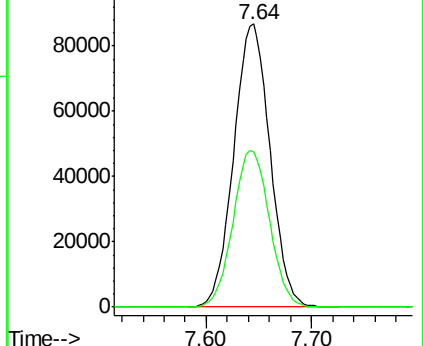
168 100

99 54.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 27.87 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060402.D

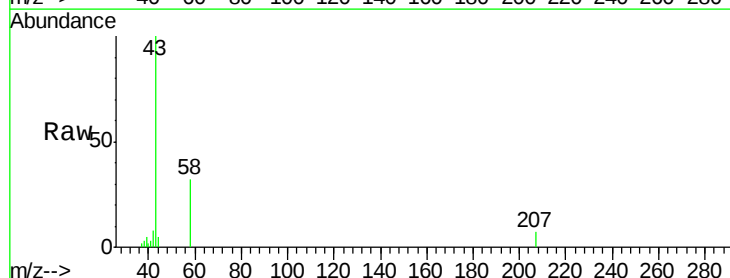
Acq: 9 Mar 2020 14:49

Tgt Ion: 43 Resp: 23849

Ion Ratio Lower Upper

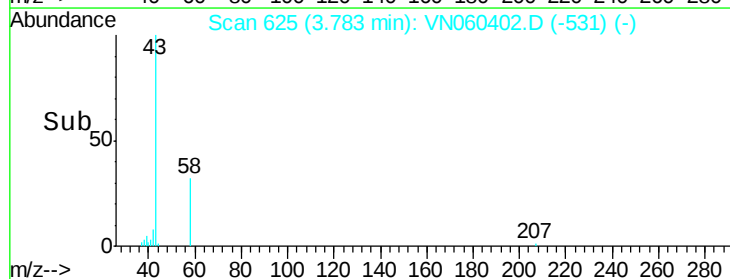
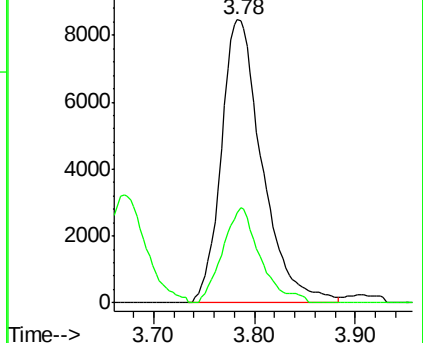
43 100

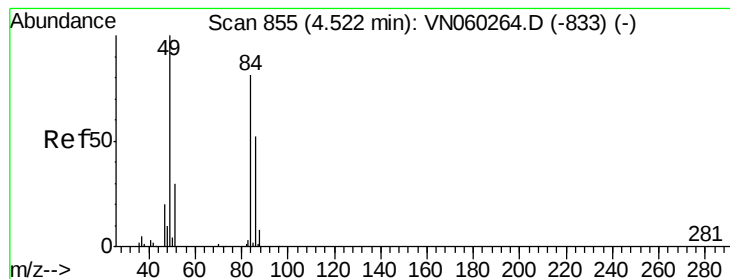
58 31.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 3.29 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060402.D

Acq: 9 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

32240-41-32244-32245

Tgt Ion: 84 Resp: 7726

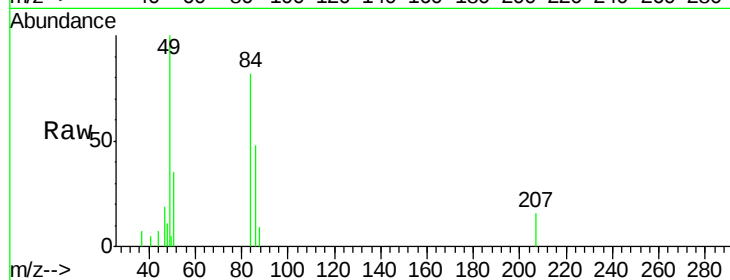
Ion Ratio Lower Upper

84 100

49 121.6 99.3 148.9

51 42.0 30.1 45.1

86 58.4 51.1 76.7

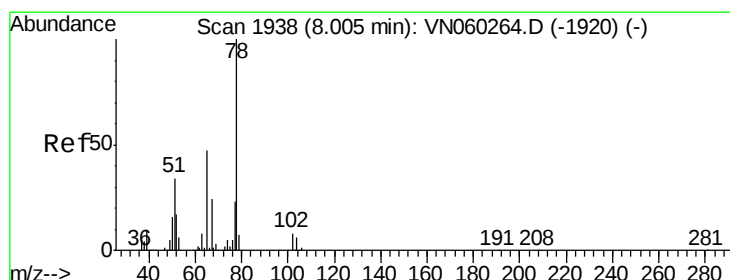
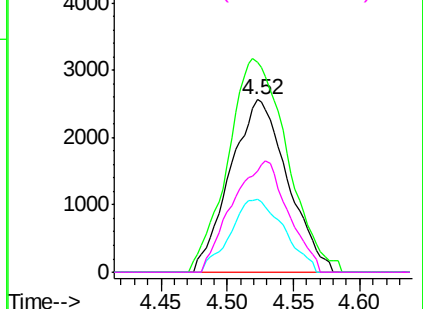
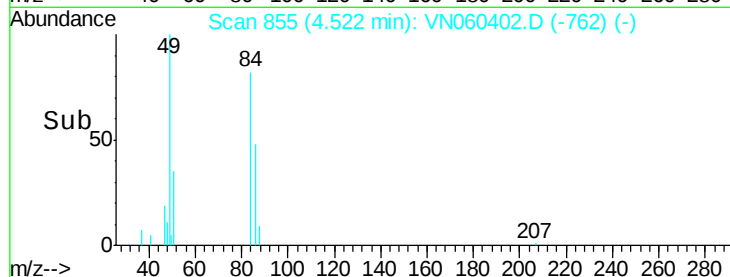


Abundance Ion 83.90 (83.60 to 84.60): VN060402.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN060402.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN060402.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN060402.D (-762) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.72 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060402.D

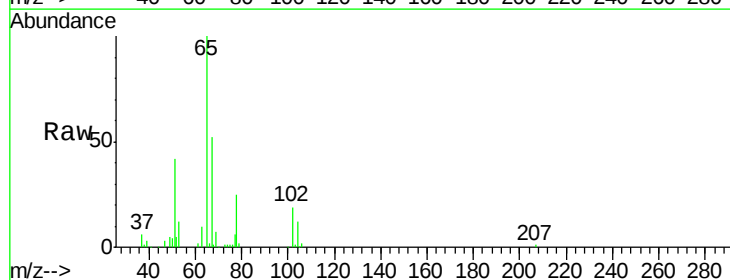
Acq: 9 Mar 2020 14:49

Tgt Ion: 65 Resp: 134396

Ion Ratio Lower Upper

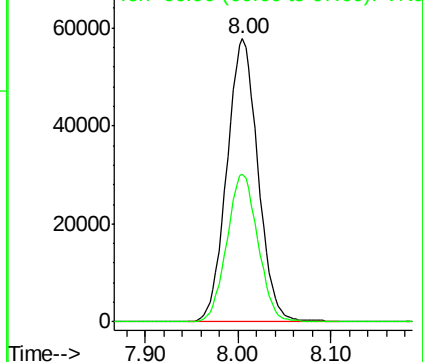
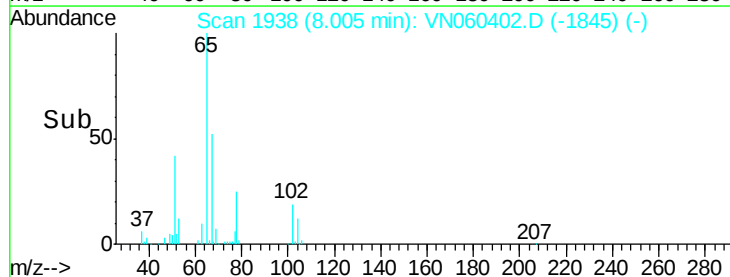
65 100

67 52.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060402.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060402.D (-1845) (-)

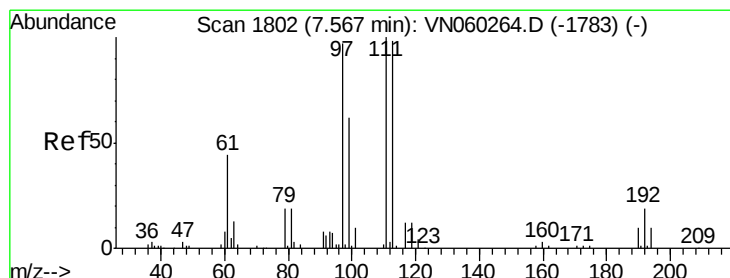
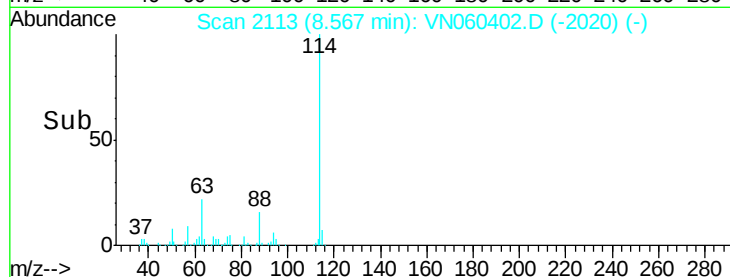
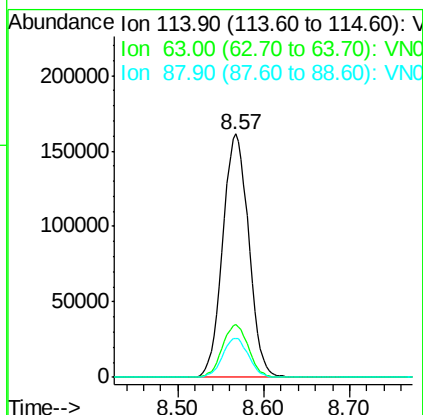
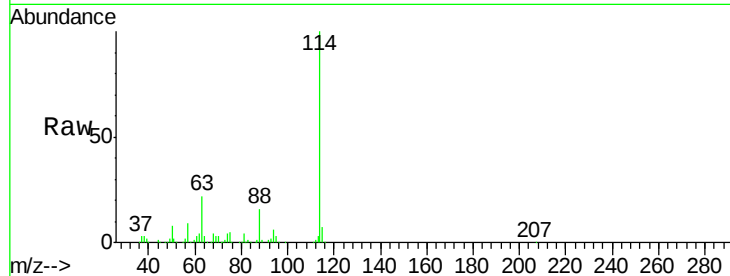




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060402.D
 Acq: 9 Mar 2020 14:49

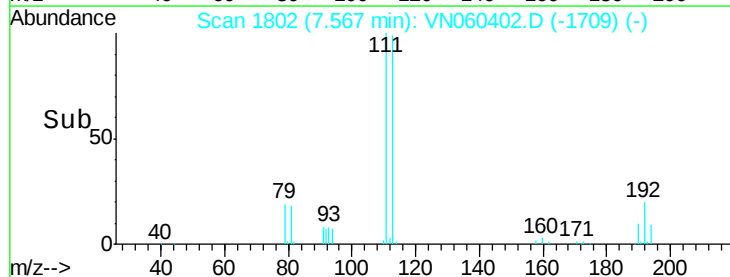
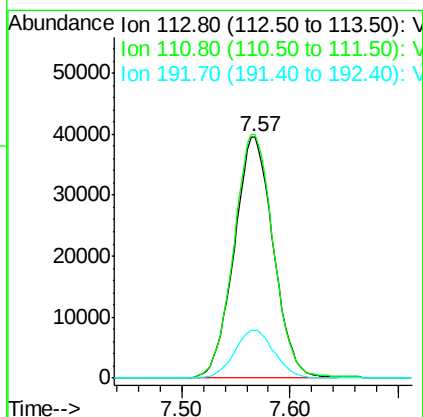
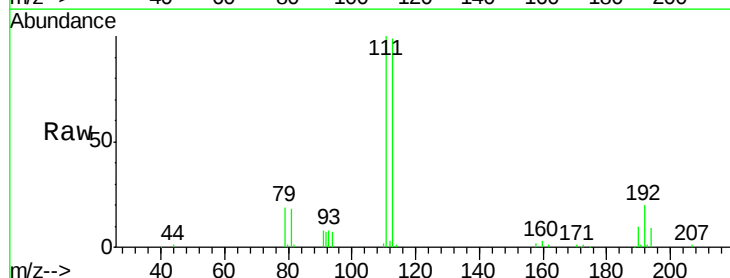
Instrument :
 MSVOA_N
 ClientSampleId :
 32240-41-32244-32245

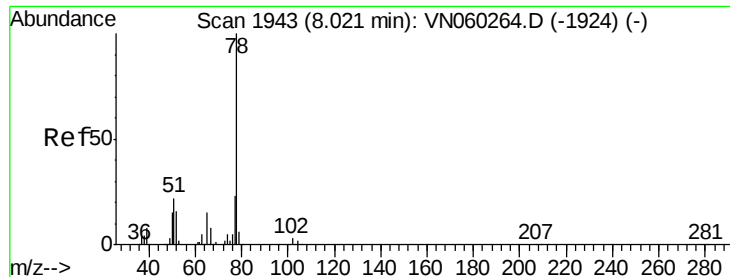
Tgt Ion:114 Resp: 339599
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.2 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 63.30 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060402.D
 Acq: 9 Mar 2020 14:49

Tgt Ion:113 Resp: 99778
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 20.1 16.2 24.2





#40

Benzene

Concen: 5.94 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN060402.D

Acq: 9 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

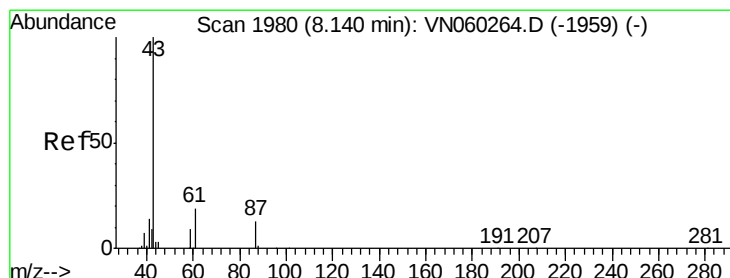
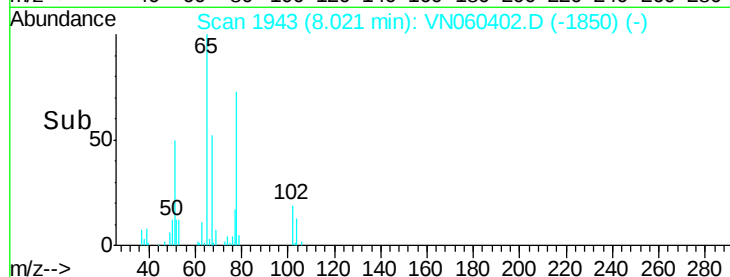
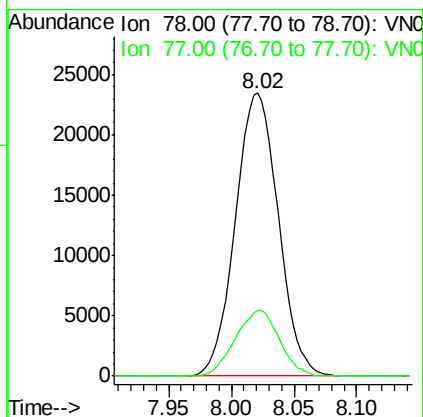
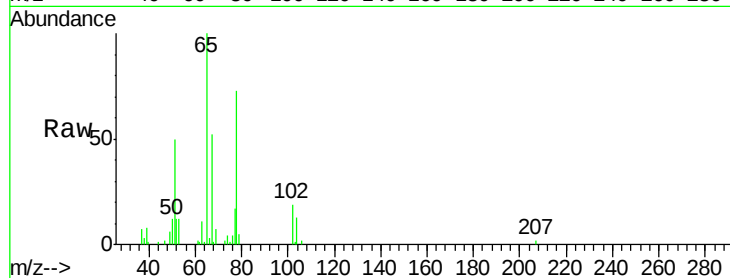
32240-41-32244-32245

Tgt Ion: 78 Resp: 55929

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2



#43

Isopropyl Acetate

Concen: 11.08 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060402.D

Acq: 9 Mar 2020 14:49

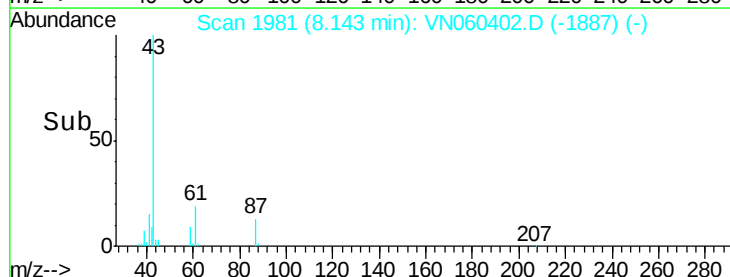
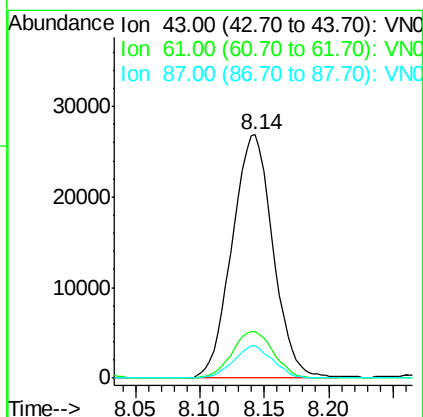
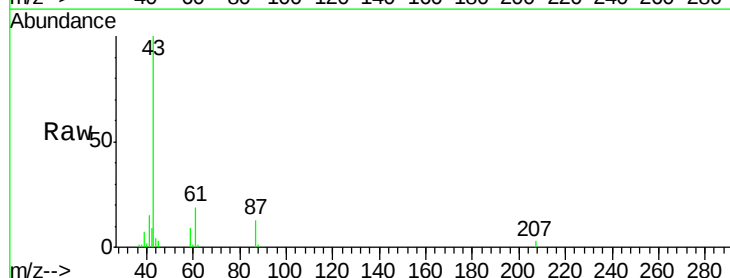
Tgt Ion: 43 Resp: 59431

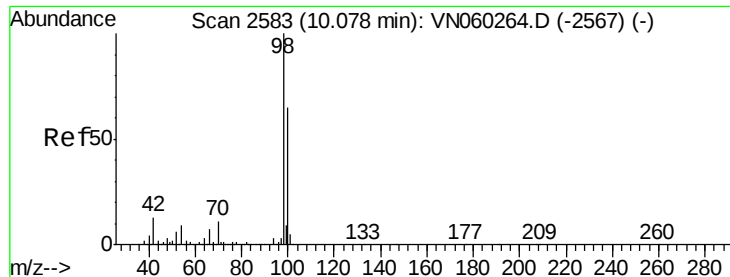
Ion Ratio Lower Upper

43 100

61 19.4 20.9 31.3#

87 12.6 10.6 16.0





#50

Toluene-d8

Concen: 52.63 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060402.D

Acq: 9 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

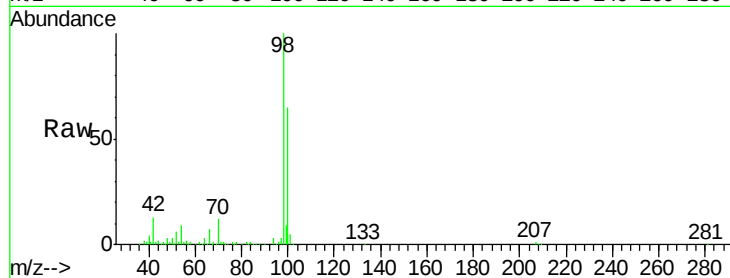
32240-41-32244-32245

Tgt Ion: 98 Resp: 419876

Ion Ratio Lower Upper

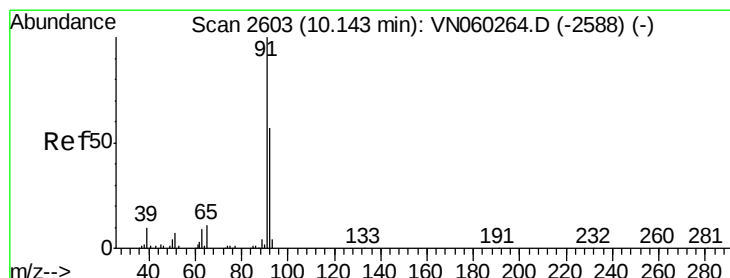
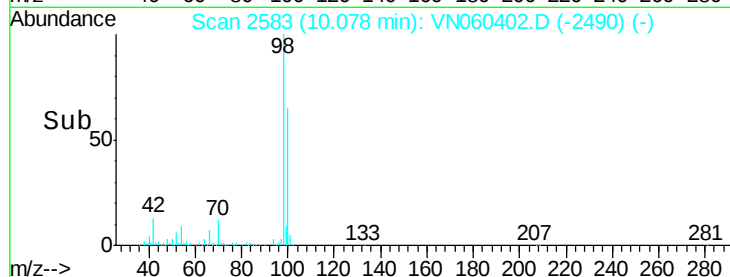
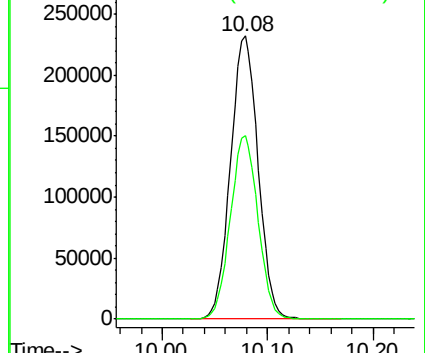
98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 4.66 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060402.D

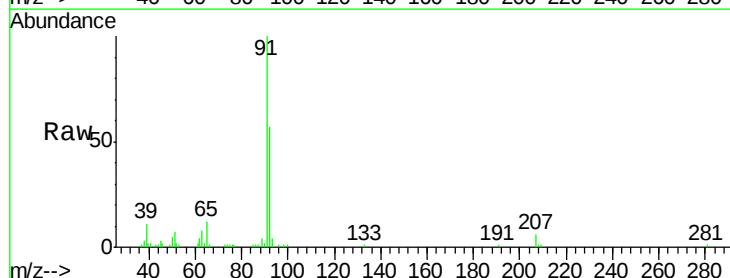
Acq: 9 Mar 2020 14:49

Tgt Ion: 92 Resp: 27580

Ion Ratio Lower Upper

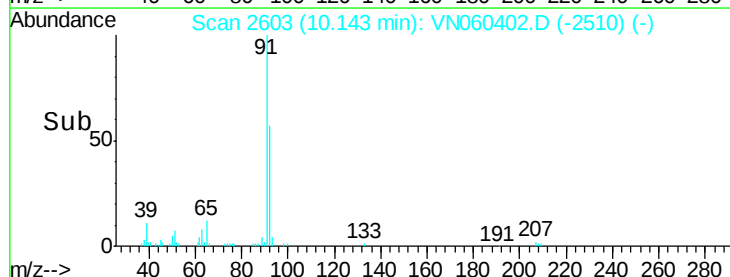
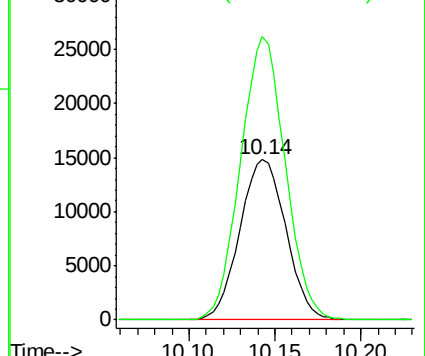
92 100

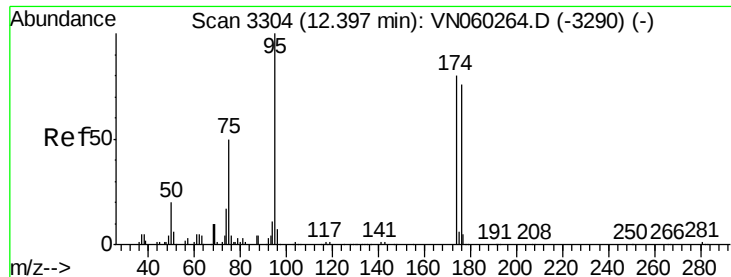
91 171.1 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.69 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060402.D

Acq: 9 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

32240-41-32244-32245

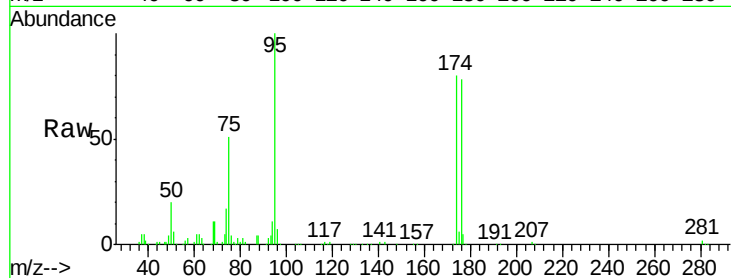
Tgt Ion: 95 Resp: 159345

Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.2

176 77.7 0.0 153.8

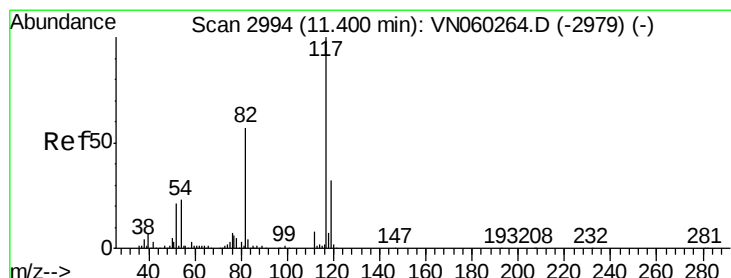
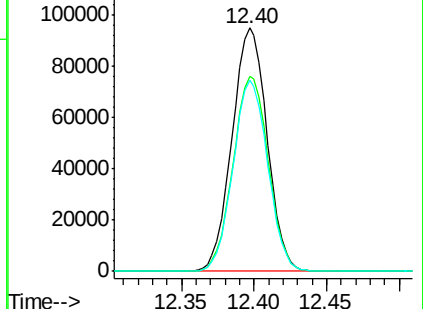
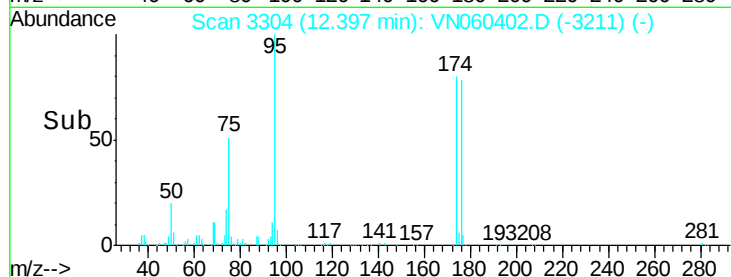


Abundance Ion 94.90 (94.60 to 95.60): VN060402.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060402.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060402.D (-3211) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060402.D

Acq: 9 Mar 2020 14:49

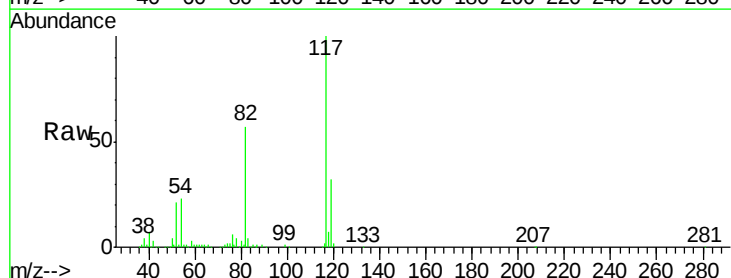
Tgt Ion: 117 Resp: 324608

Ion Ratio Lower Upper

117 100

82 57.3 45.8 68.6

119 31.7 25.8 38.8

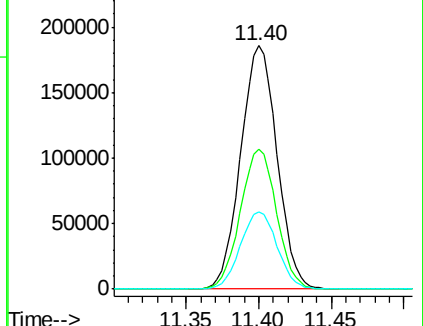
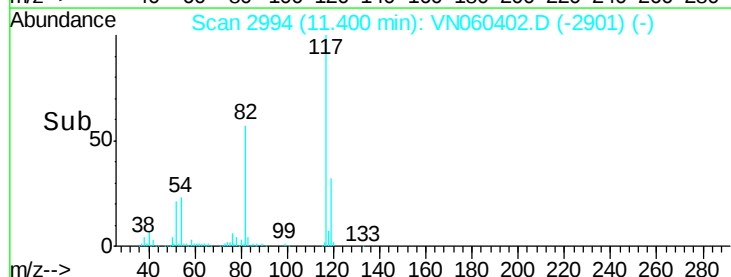


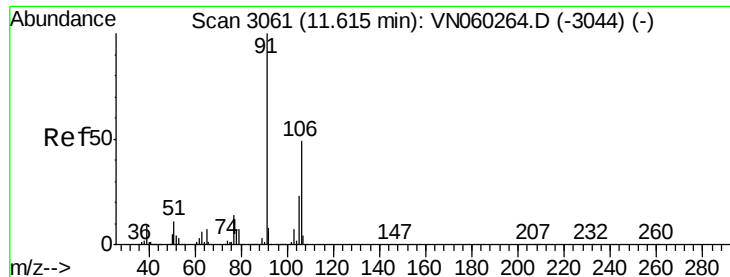
Abundance Ion 116.90 (116.60 to 117.60): VN060402.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060402.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060402.D (-2901) (-)

Time-->

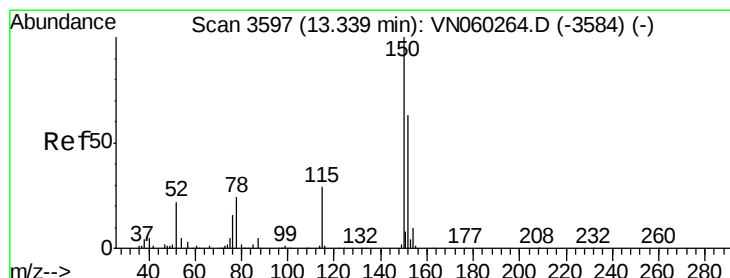
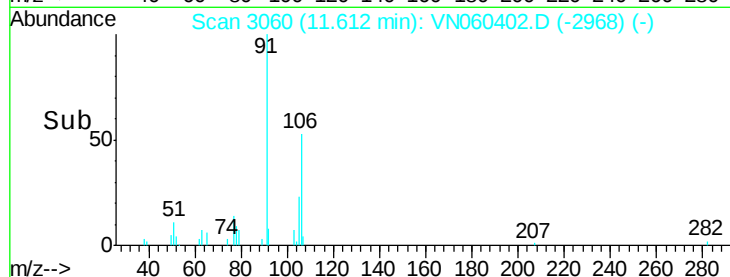
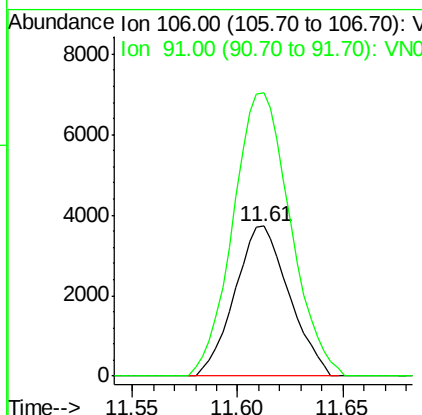
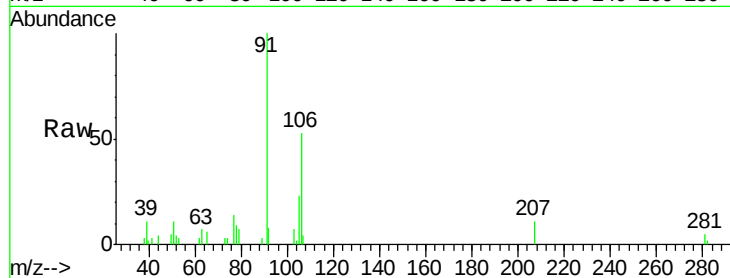




#68
m/p-Xylenes
Concen: 1.48 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060402.D
Acq: 9 Mar 2020 14:49

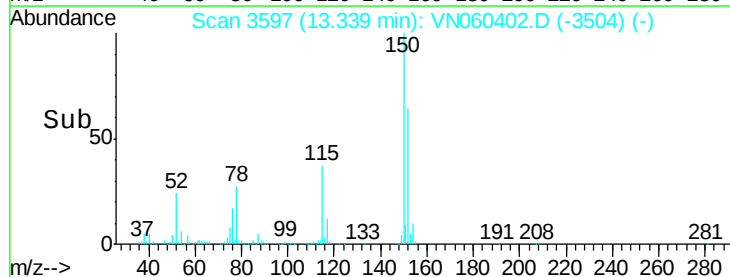
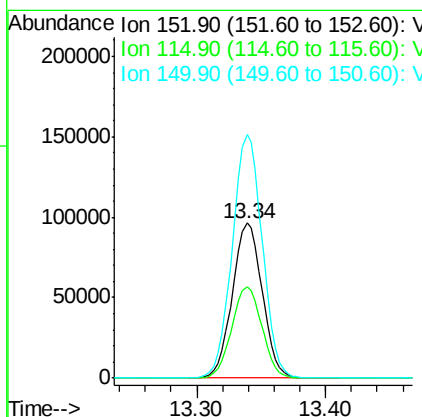
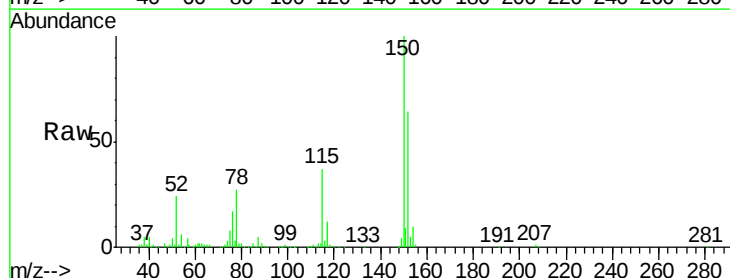
Instrument :
MSVOA_N
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32240-41-32244-32245

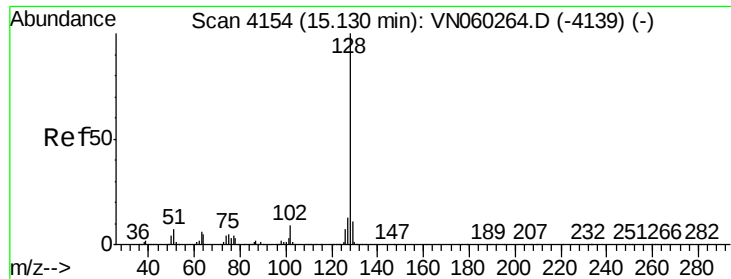
Tgt Ion:106 Resp: 6671
Ion Ratio Lower Upper
106 100
91 199.1 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060402.D
Acq: 9 Mar 2020 14:49

Tgt Ion:152 Resp: 155454
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.0
150 157.2 0.0 349.6





#95

Naphthalene

Concen: 13.24 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060402.D

Acq: 9 Mar 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

32240-41-32244-32245

Tgt Ion:128 Resp: 124476

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.8 8.6 13.0

