

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060403.D
 Acq On : 9 Mar 2020 15:11
 Operator : JC/MD
 Sample : L1832-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 32262-65

Quant Time: Mar 09 17:42:36 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	193157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	311750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	288043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135704	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	121661	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	7.57	113	91259	63.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.14%	
50) Toluene-d8	10.08	98	383394	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.40	95	142819	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	

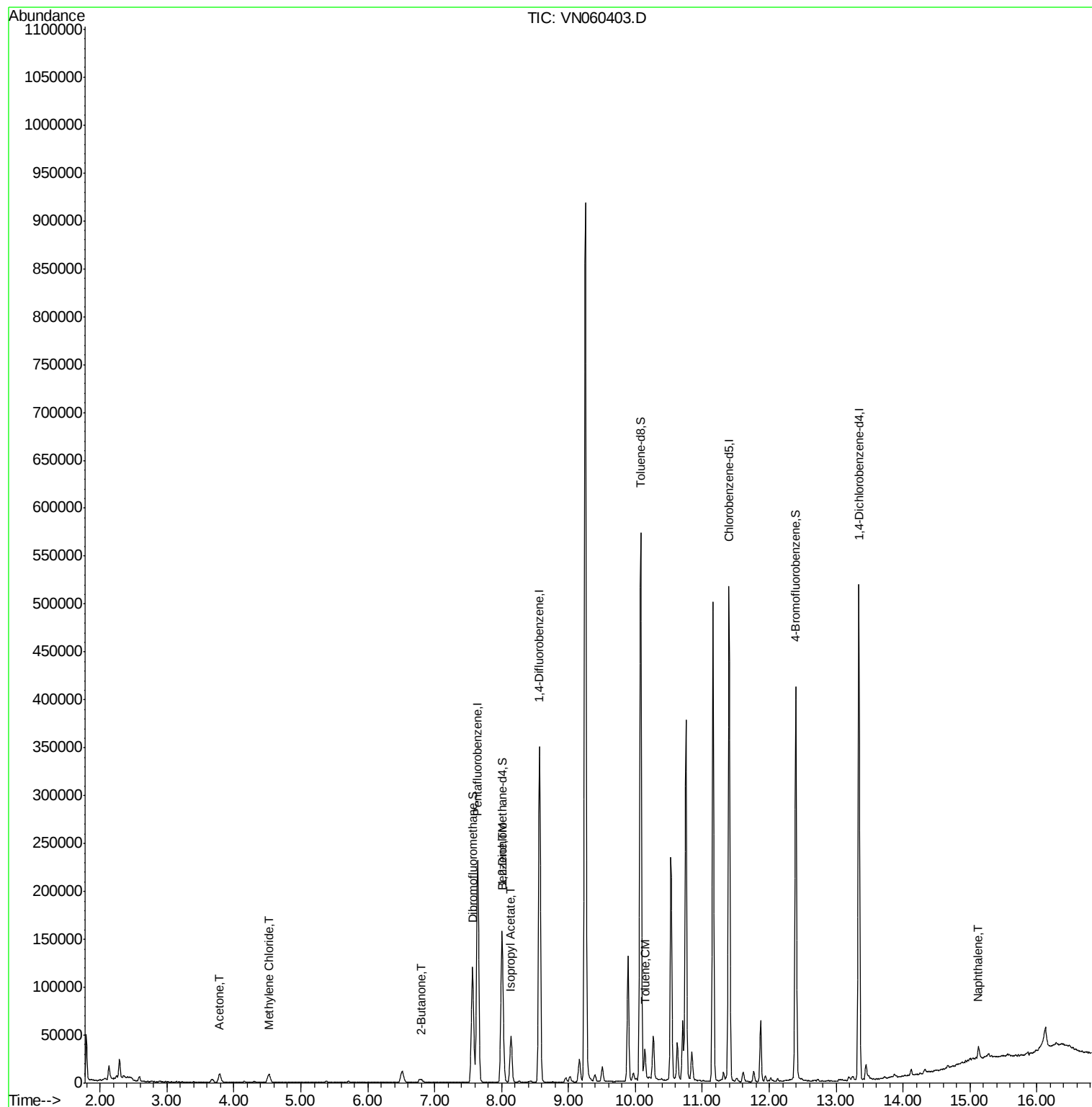
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	16144	20.17	ug/l	99
20) Methylene Chloride	4.52	84	7004	3.19	ug/l	96
25) 2-Butanone	6.81	43	3976	3.08	ug/l	97
40) Benzene	8.02	78	31275	3.62	ug/l	99
43) Isopropyl Acetate	8.14	43	57561	11.69	ug/l #	91
52) Toluene	10.14	92	13444	2.47	ug/l	96
95) Naphthalene	15.13	128	10204	1.00	ug/l	98

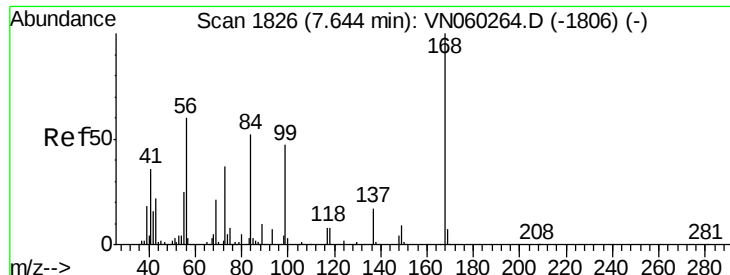
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
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Quant Title : SW846 8260
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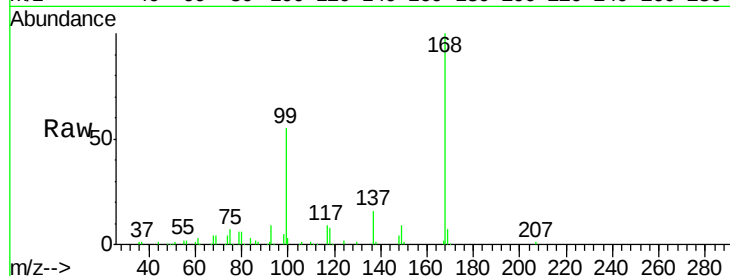




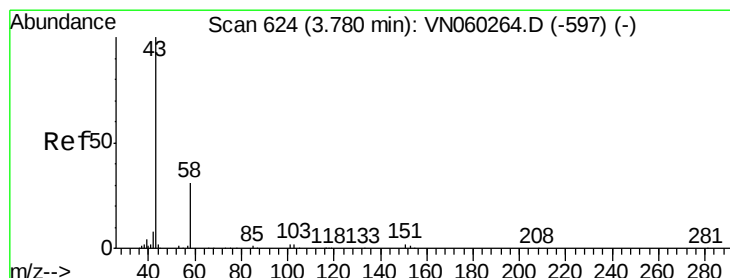
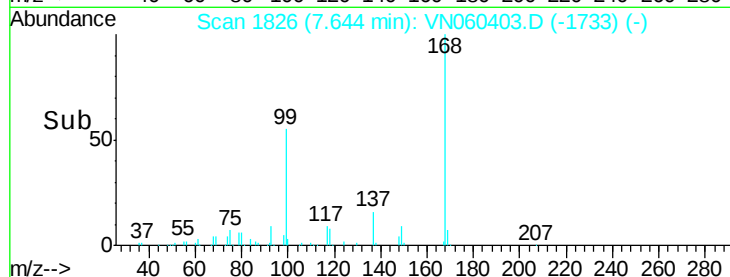
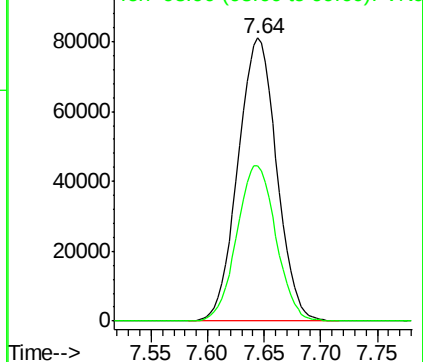
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN060403.D
Acq: 9 Mar 2020 15:11

Instrument :
MSVOA_N
ClientSampleId :
32262-65

Tgt Ion:168 Resp: 193157
Ion Ratio Lower Upper
168 100
99 55.1 44.7 67.1

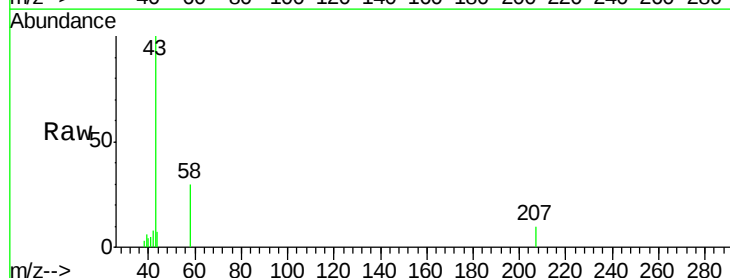


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0

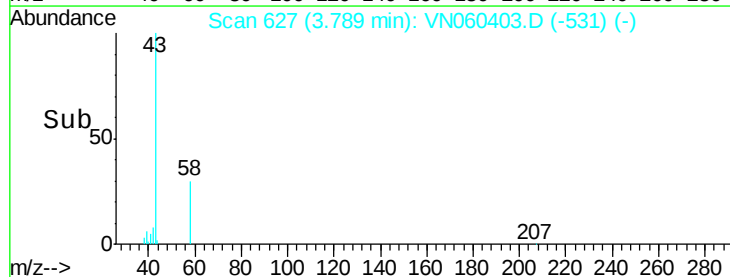
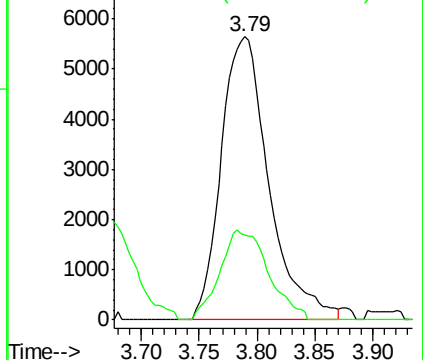


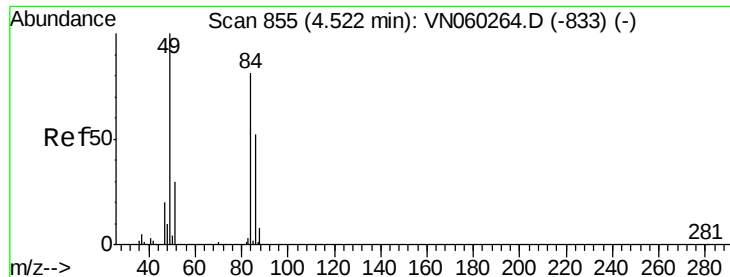
#16
Acetone
Concen: 20.17 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN060403.D
Acq: 9 Mar 2020 15:11

Tgt Ion: 43 Resp: 16144
Ion Ratio Lower Upper
43 100
58 29.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

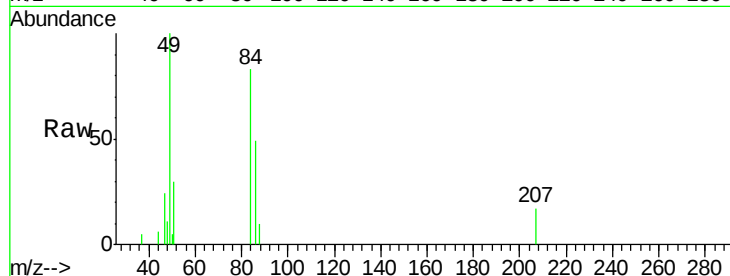




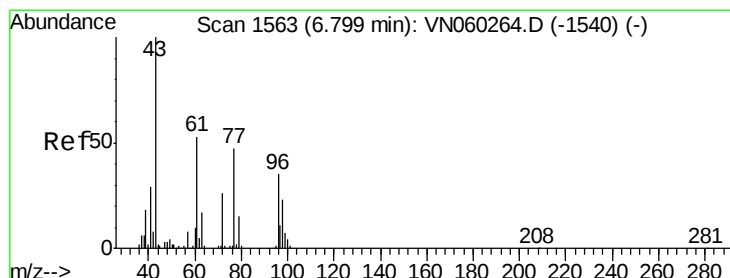
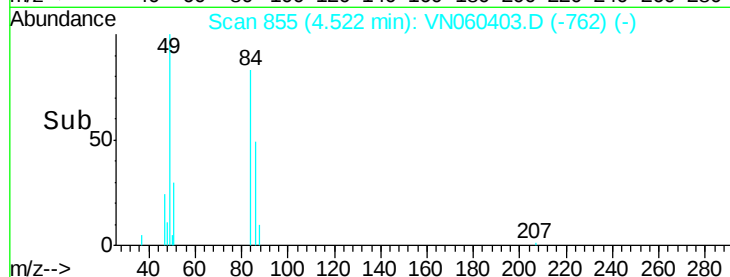
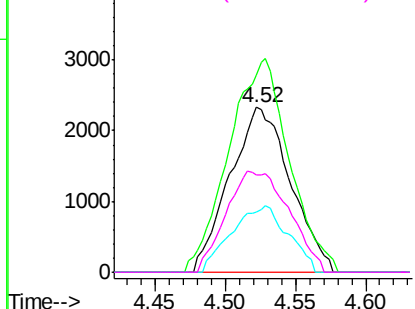
#20
Methylene Chloride
Concen: 3.19 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060403.D
Acq: 9 Mar 2020 15:11

Instrument :
MSVOA_N
ClientSampled :
32262-65

Tgt Ion: 84 Resp: 7004
Ion Ratio Lower Upper
84 100
49 119.8 99.3 148.9
51 36.3 30.1 45.1
86 58.6 51.1 76.7

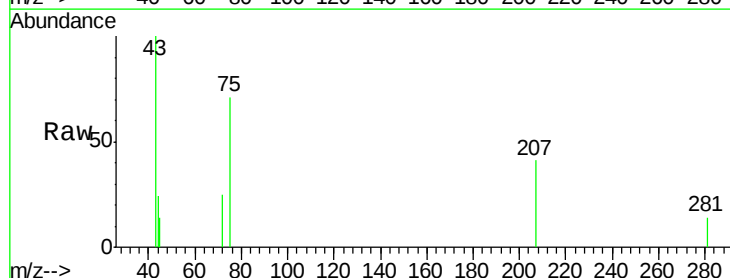


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

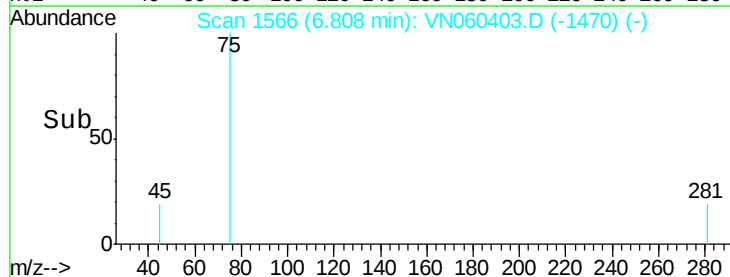
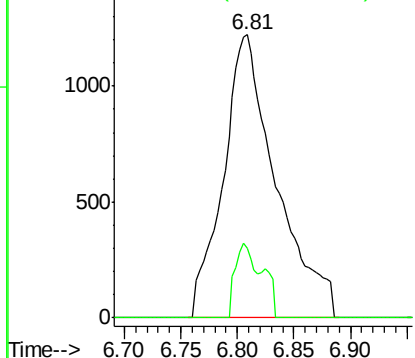


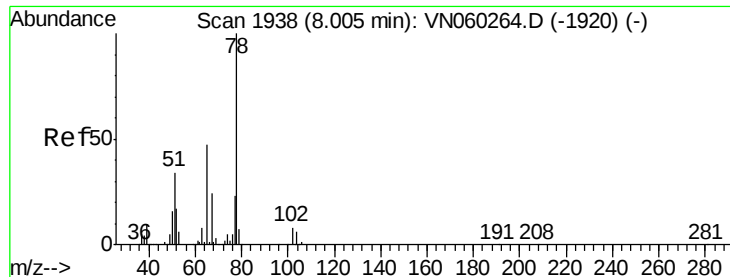
#25
2-Butanone
Concen: 3.08 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060403.D
Acq: 9 Mar 2020 15:11

Tgt Ion: 43 Resp: 3976
Ion Ratio Lower Upper
43 100
72 24.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

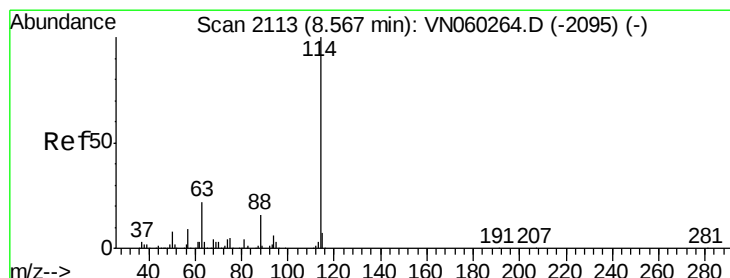
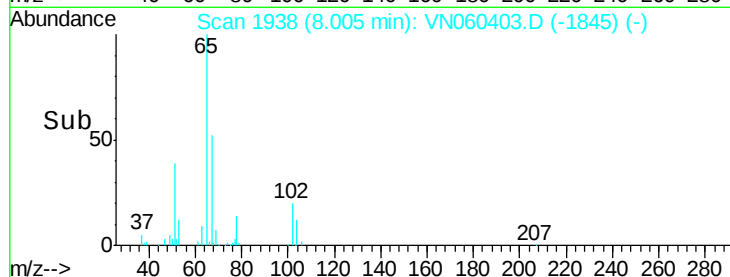
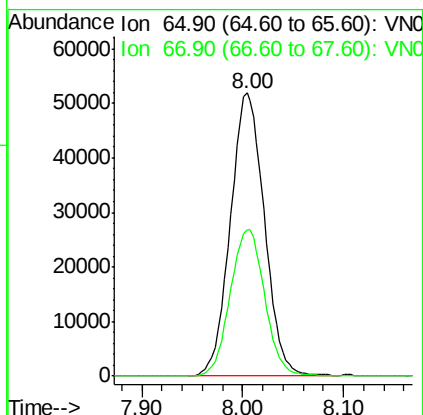
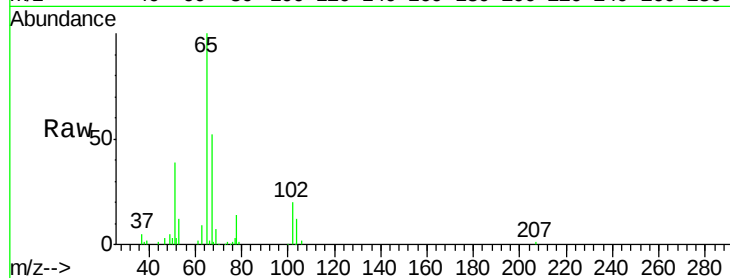




#33
 1,2-Dichloroethane-d4
 Concen: 49.09 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060403.D
 Acq: 9 Mar 2020 15:11

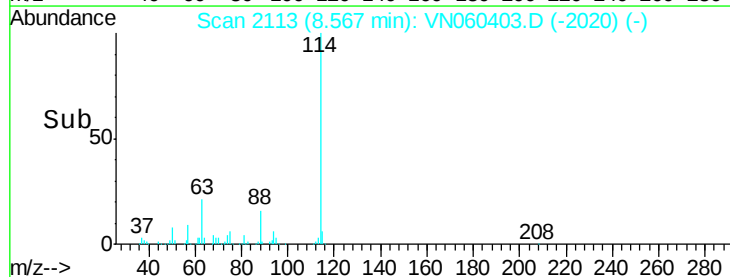
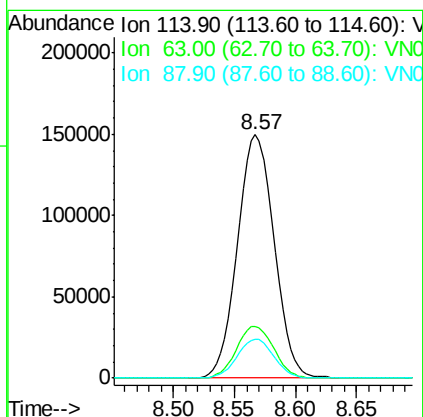
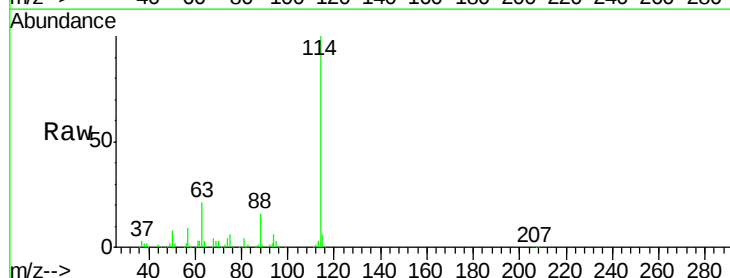
Instrument :
 MSVOA_N
 ClientSampleId :
 32262-65

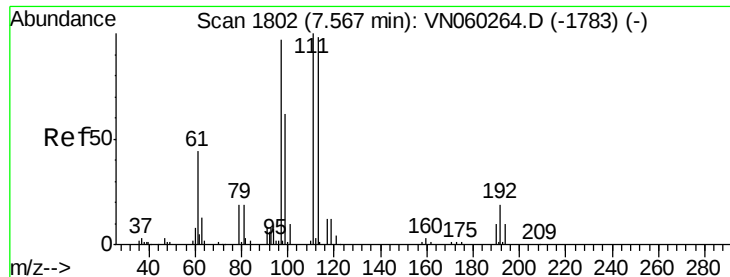
Tgt Ion: 65 Resp: 121661
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060403.D
 Acq: 9 Mar 2020 15:11

Tgt Ion: 114 Resp: 311750
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.1 0.0 31.6

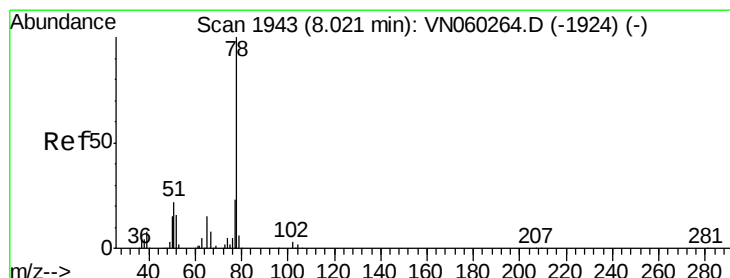
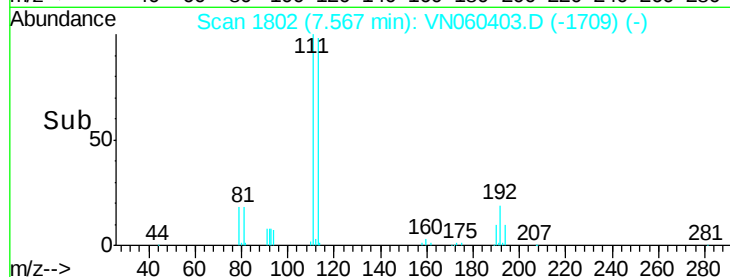
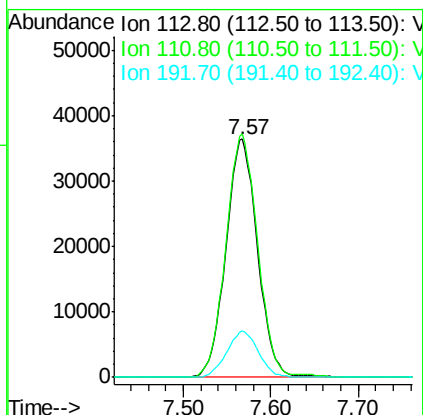
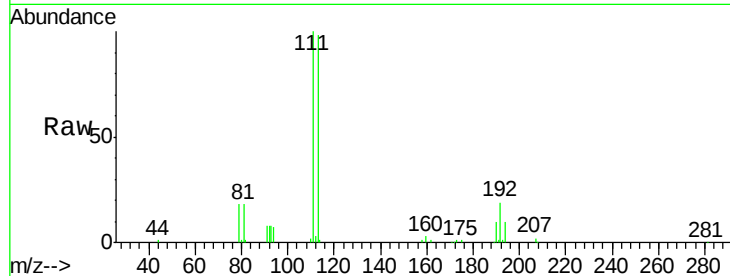




#35
 Dibromofluoromethane
 Concen: 63.07 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060403.D
 Acq: 9 Mar 2020 15:11

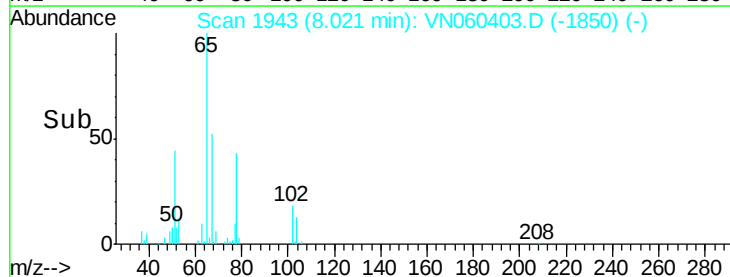
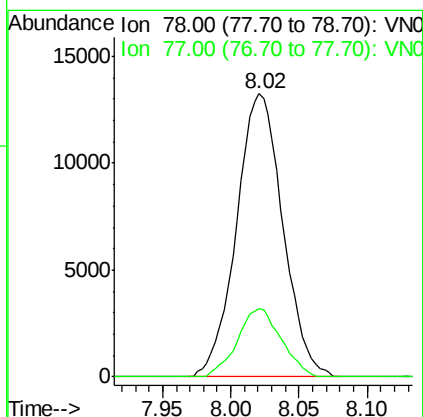
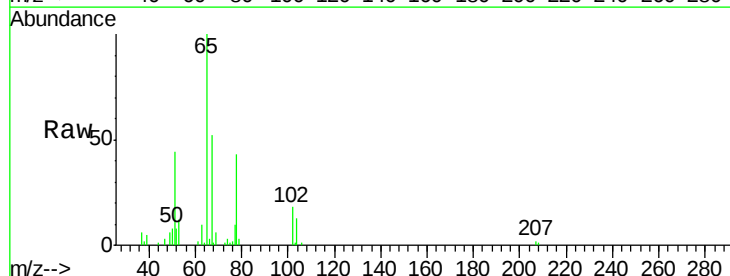
Instrument :
 MSVOA_N
 ClientSampleId :
 32262-65

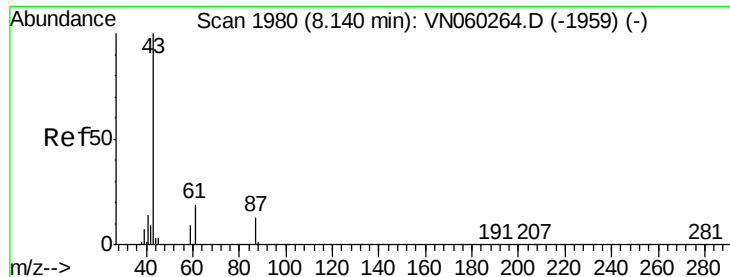
Tgt Ion:113 Resp: 91259
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 19.5 16.2 24.2



#40
 Benzene
 Concen: 3.62 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN060403.D
 Acq: 9 Mar 2020 15:11

Tgt Ion: 78 Resp: 31275
 Ion Ratio Lower Upper
 78 100
 77 24.1 18.8 28.2





#43

Isopropyl Acetate

Concen: 11.69 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060403.D

Acq: 9 Mar 2020 15:11

Instrument :

MSVOA_N

ClientSampleId :

32262-65

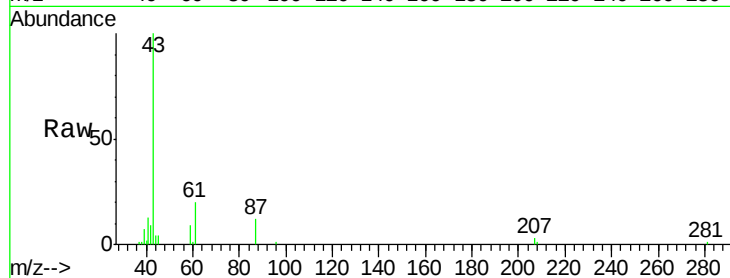
Tgt Ion: 43 Resp: 57561

Ion Ratio Lower Upper

43 100

61 19.6 20.9 31.3#

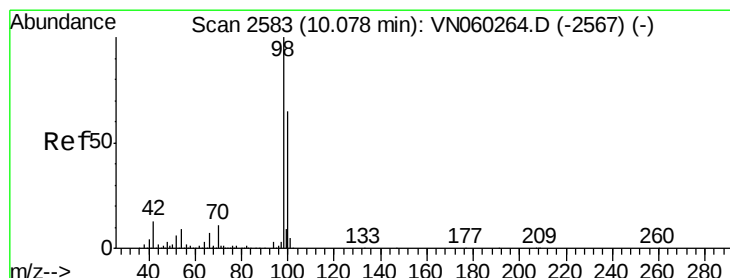
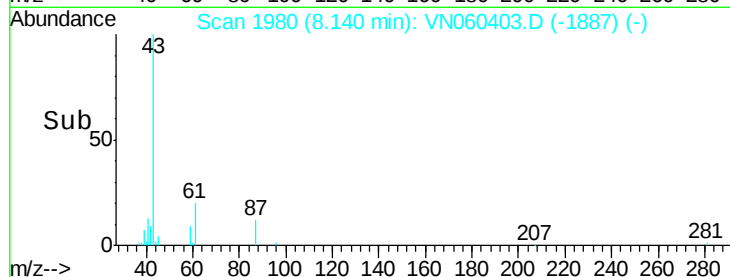
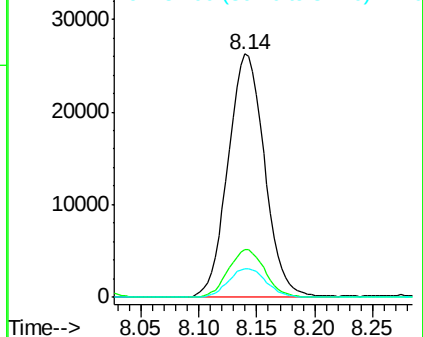
87 12.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060403.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060403.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060403.D (-1887) (-)



#50

Toluene-d8

Concen: 52.35 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060403.D

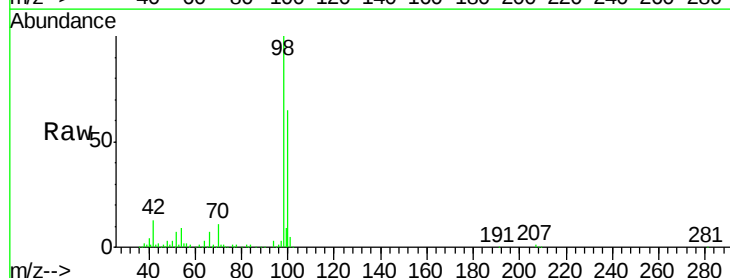
Acq: 9 Mar 2020 15:11

Tgt Ion: 98 Resp: 383394

Ion Ratio Lower Upper

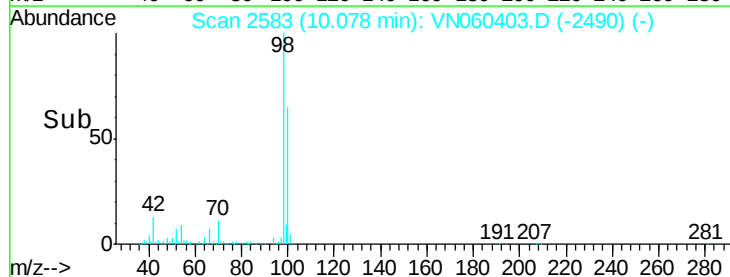
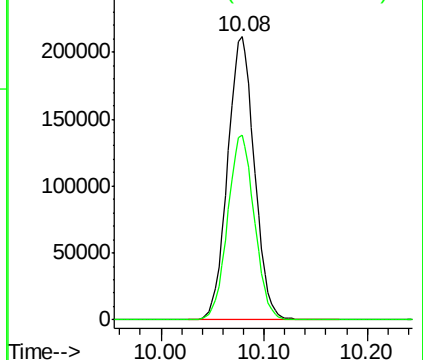
98 100

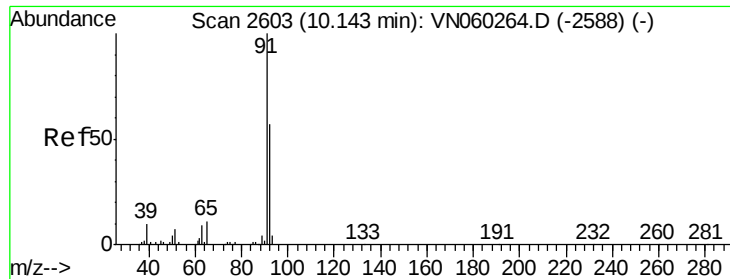
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060403.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060403.D (-2490) (-)





#52

Toluene

Concen: 2.47 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060403.D

Acq: 9 Mar 2020 15:11

Instrument :

MSVOA_N

ClientSampleId :

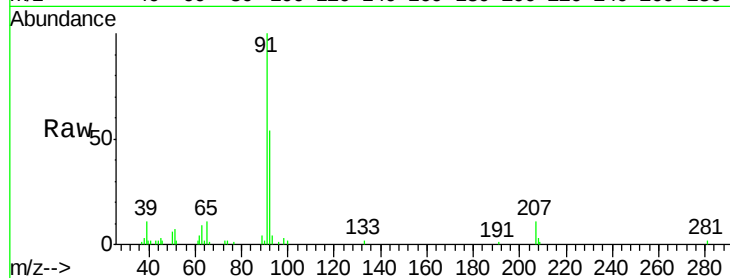
32262-65

Tgt Ion: 92 Resp: 13444

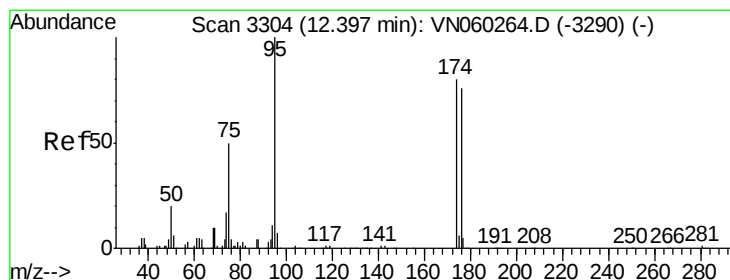
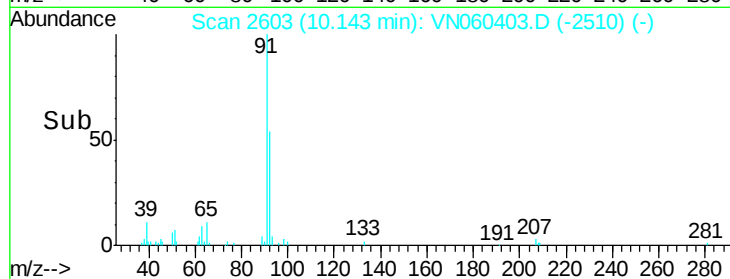
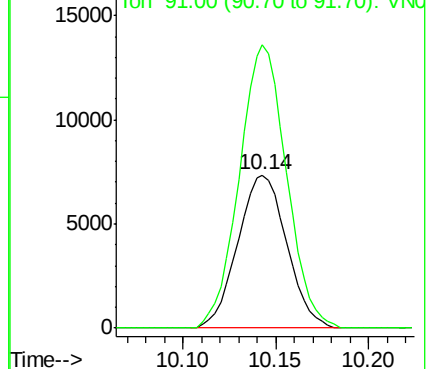
Ion Ratio Lower Upper

92 100

91 177.9 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060403.D (-2510) (-)



#62

4-Bromofluorobenzene

Concen: 51.44 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060403.D

Acq: 9 Mar 2020 15:11

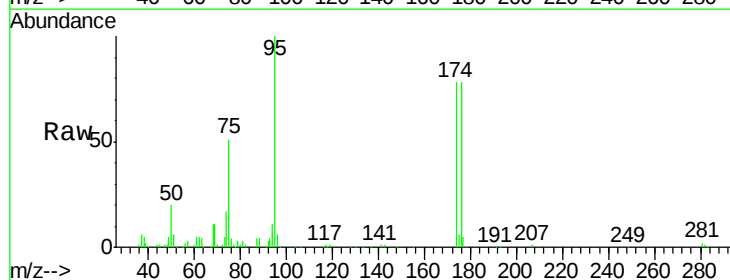
Tgt Ion: 95 Resp: 142819

Ion Ratio Lower Upper

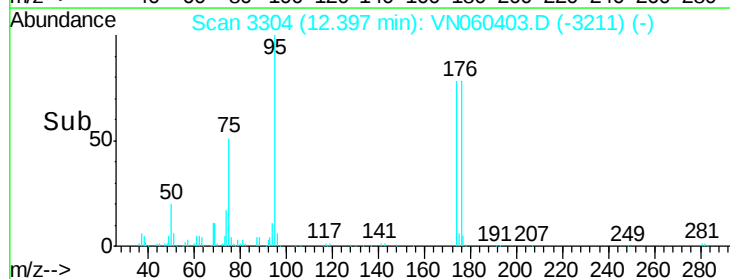
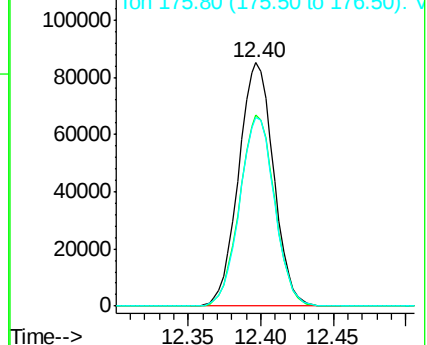
95 100

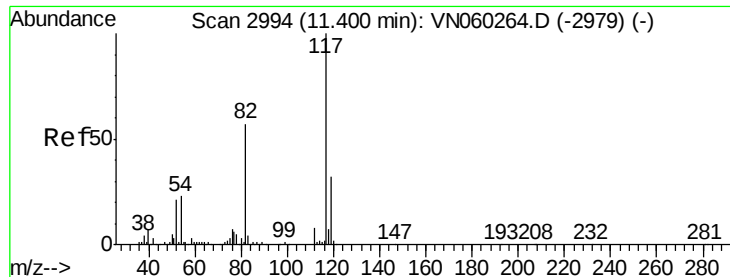
174 78.2 0.0 159.2

176 77.5 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060403.D (-3211) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060403.D

Acq: 9 Mar 2020 15:11

Instrument :

MSVOA_N

ClientSampleId :

32262-65

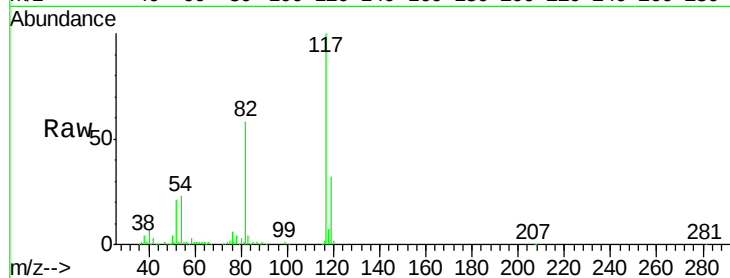
Tgt Ion:117 Resp: 288043

Ion Ratio Lower Upper

117 100

82 58.0 45.8 68.6

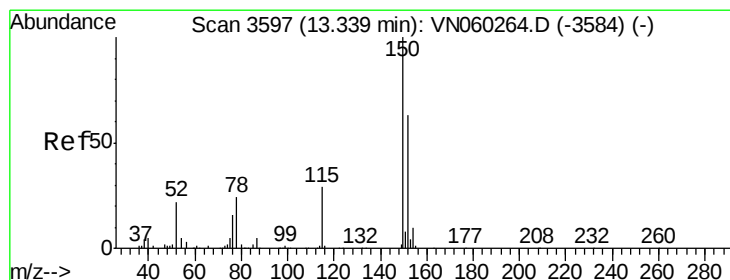
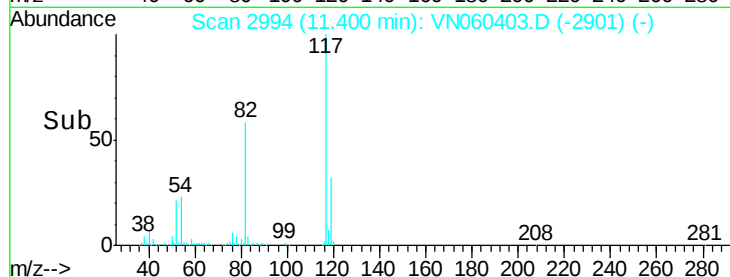
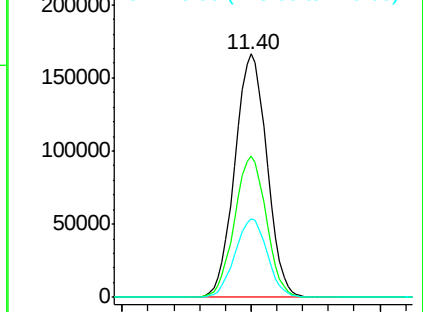
119 32.3 25.8 38.8



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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060403.D

Acq: 9 Mar 2020 15:11

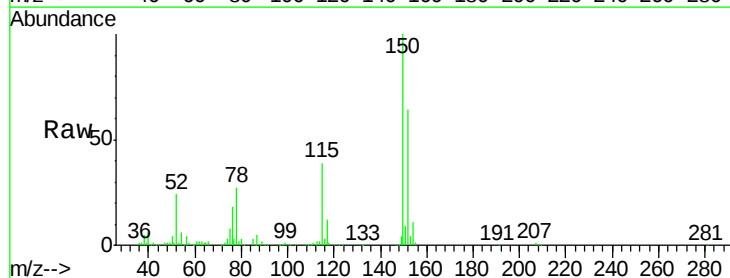
Tgt Ion:152 Resp: 135704

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

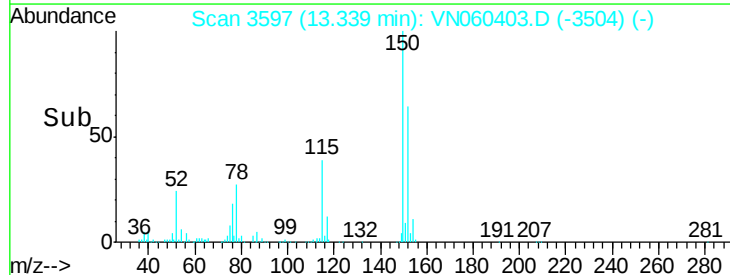
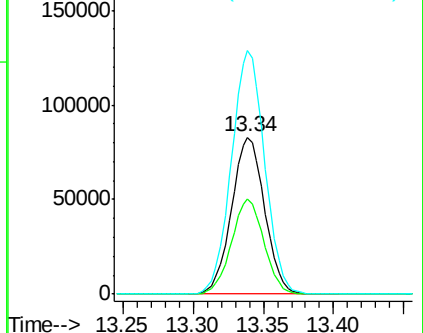
150 156.5 0.0 349.6

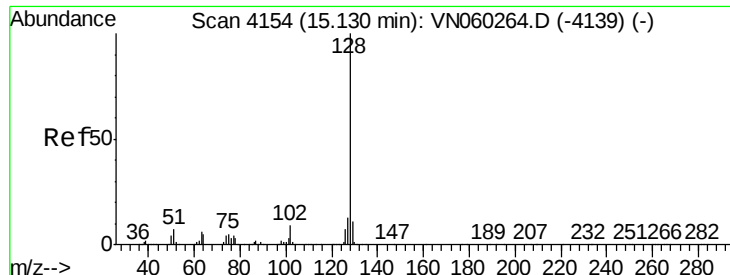


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.00 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060403.D

Acq: 9 Mar 2020 15:11

Instrument :

MSVOA_N

ClientSampleId :

32262-65

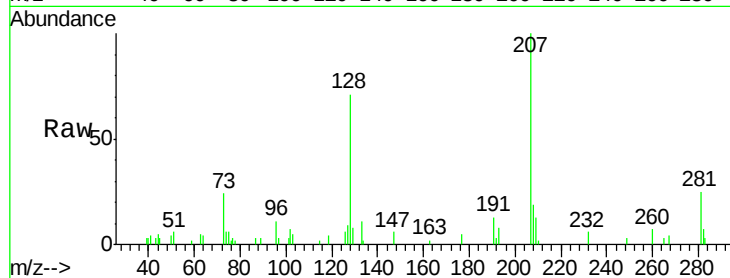
Tgt Ion:128 Resp: 10204

Ion Ratio Lower Upper

128 100

127 12.2 10.4 15.6

129 10.2 8.6 13.0



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

