

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060728.D
 Acq On : 26 Mar 2020 20:46
 Operator : JC/MD
 Sample : L2026-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-PIT

Quant Time: Mar 27 07:43:17 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

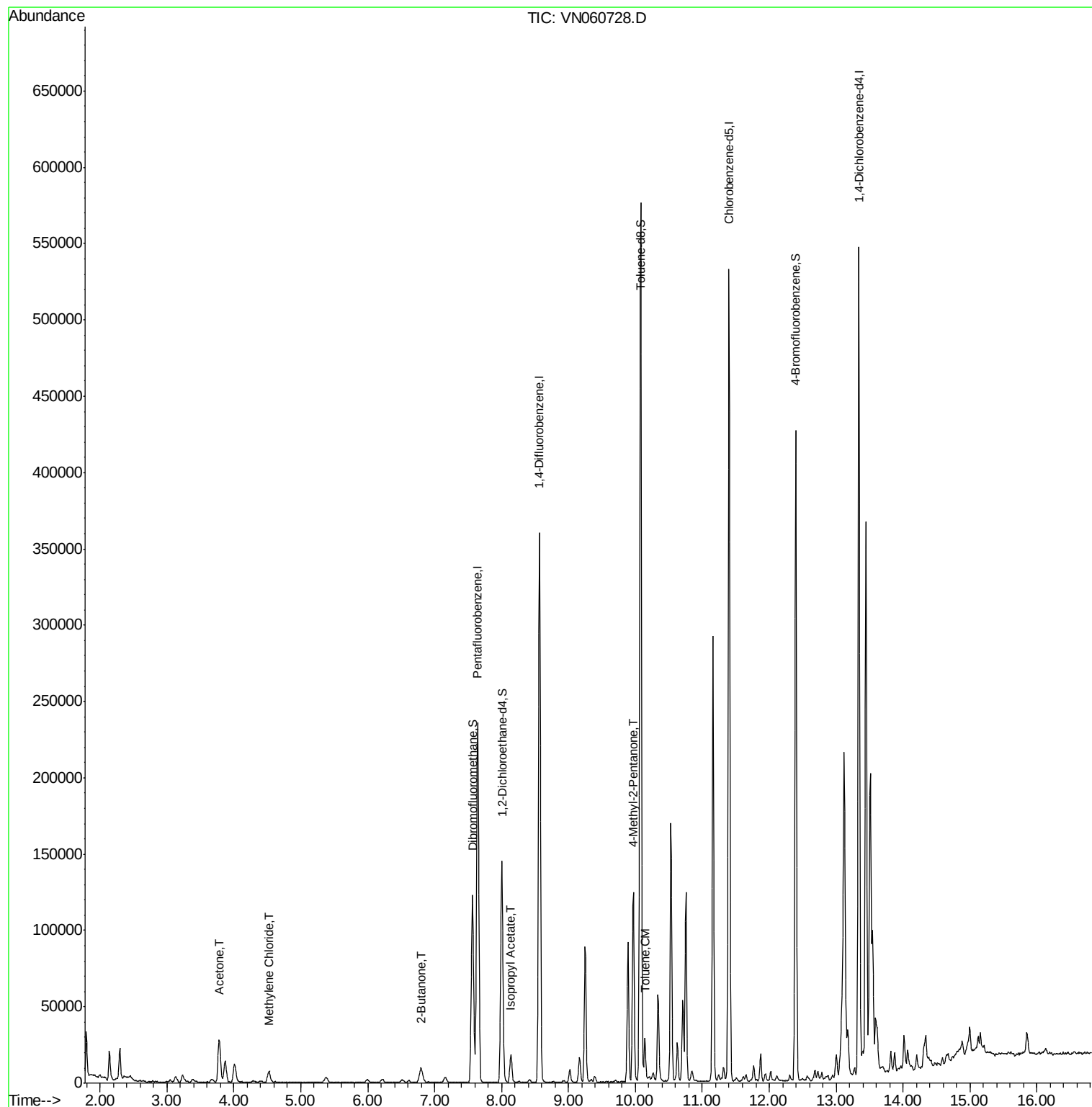
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123851	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	7.57	113	94245	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.08	98	396501	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	149422	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
Target Compounds						
16) Acetone	3.78	43	50775	53.947	ug/l	97
20) Methylene Chloride	4.53	84	5945	2.568	ug/l	92
25) 2-Butanone	6.80	43	17957	11.790	ug/l	98
43) Isopropyl Acetate	8.14	43	21675	3.944	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	88005	28.139	ug/l	98
52) Toluene	10.14	92	12376	2.201	ug/l	98

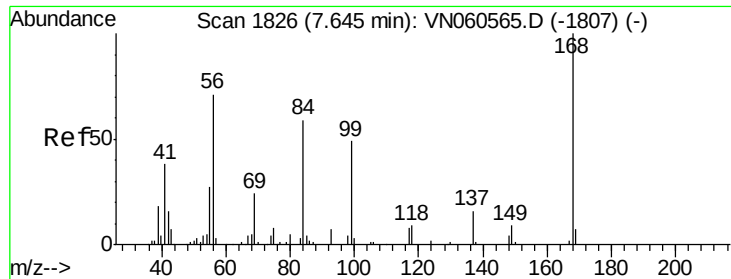
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060728.D

Acq: 26 Mar 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

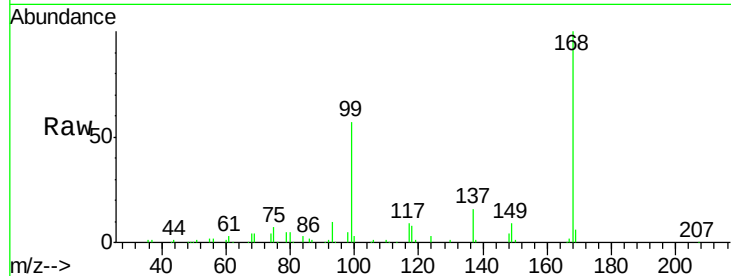
SLUDGE-PIT

Tot Ion:168 Resp: 193556

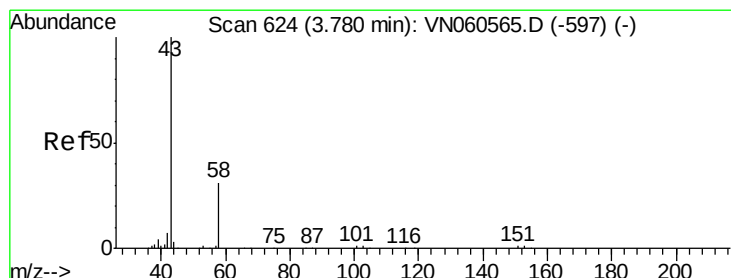
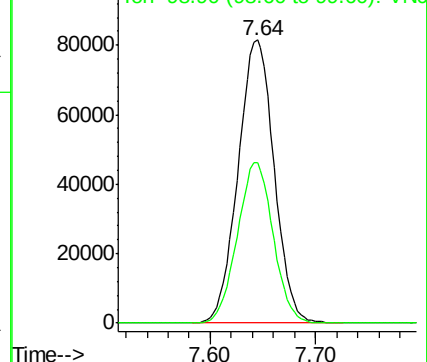
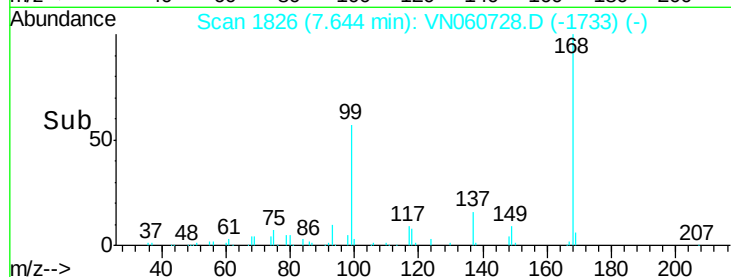
Ion Ratio Lower Upper

168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060728.D (-1733) (-)



#16

Acetone

Concen: 53.947 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060728.D

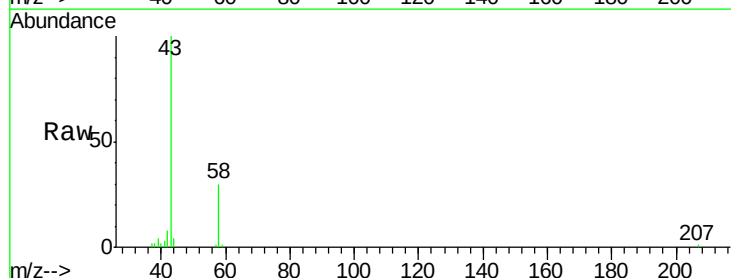
Acq: 26 Mar 2020 20:46

Tgt Ion: 43 Resp: 50775

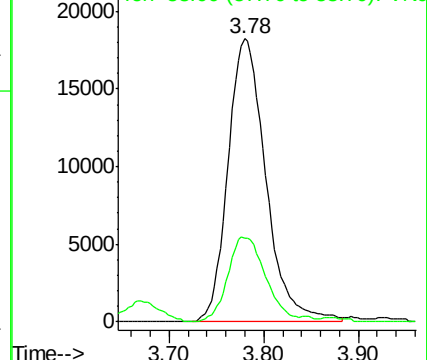
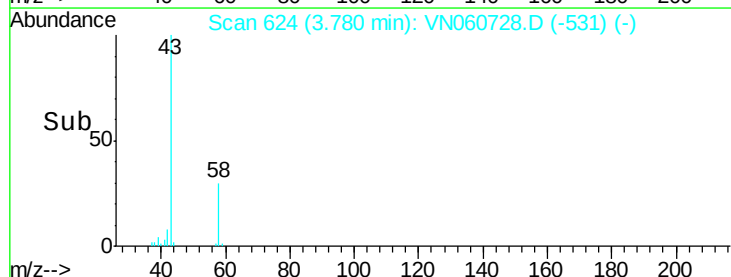
Ion Ratio Lower Upper

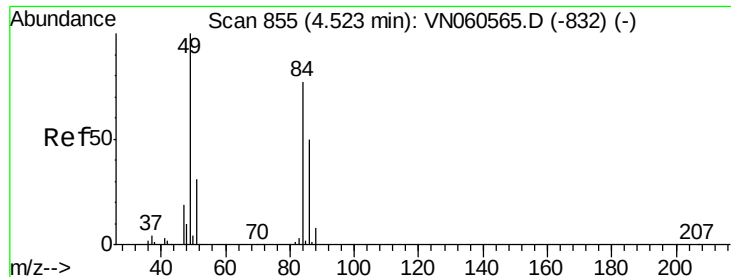
43 100

58 29.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060728.D (-531) (-)

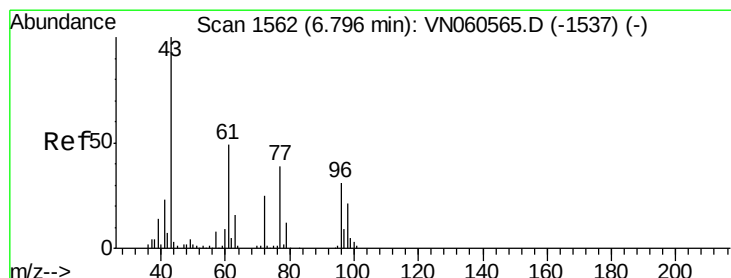
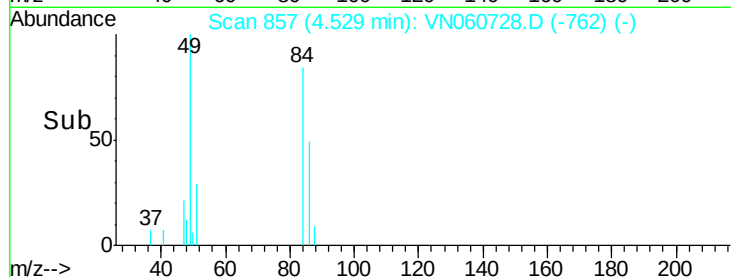
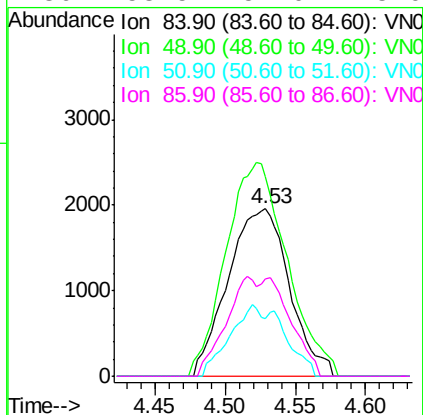
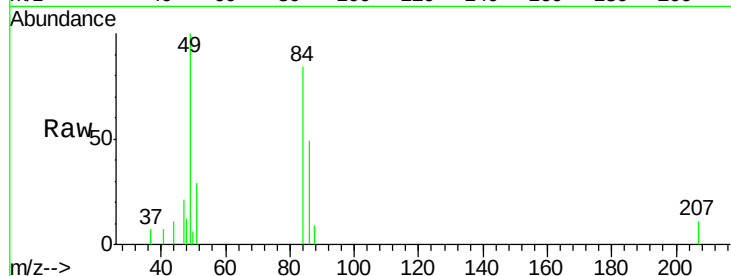




#20
Methvlene Chloride
Concen: 2.568 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060728.D
Acq: 26 Mar 2020 20:46

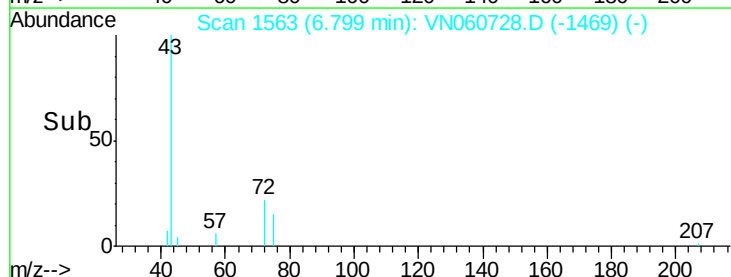
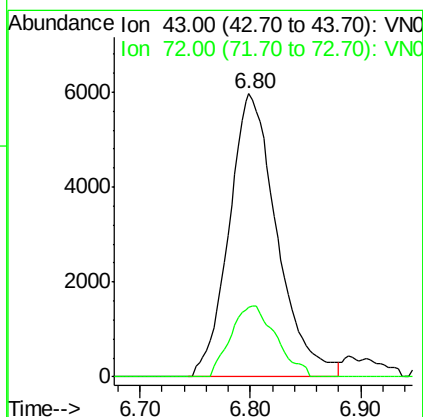
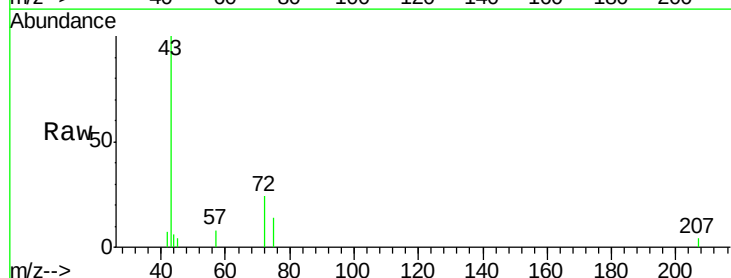
Instrument :
MSVOA_N
ClientSampled :
SLUDGE-PIT

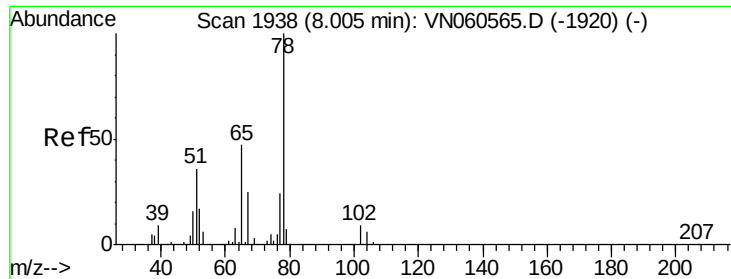
Tot Ion:	84	Resp:	5945
Ion	Ratio	Lower	Upper
84	100		
49	119.2	103.3	154.9
51	34.9	31.6	47.4
86	58.5	52.0	78.0



#25
2-Butanone
Concen: 11.790 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060728.D
Acq: 26 Mar 2020 20:46

Tgt Ion:	43	Resp:	17957
Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.4	30.6

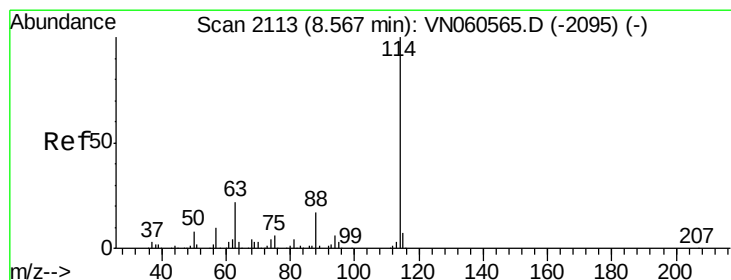
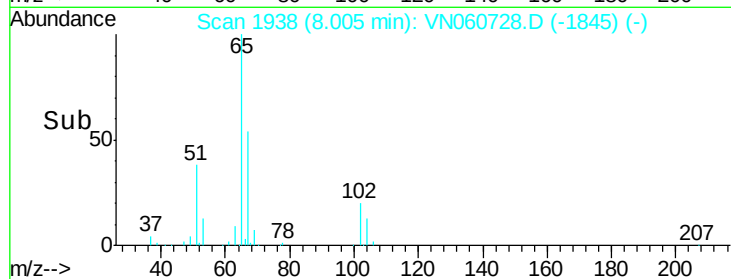
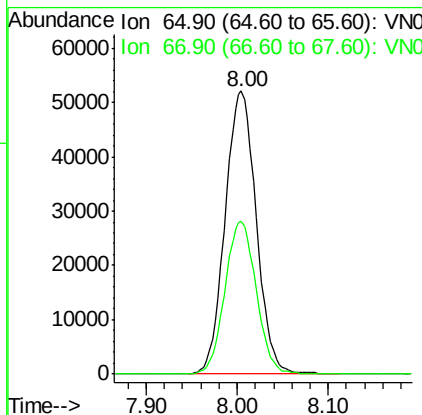
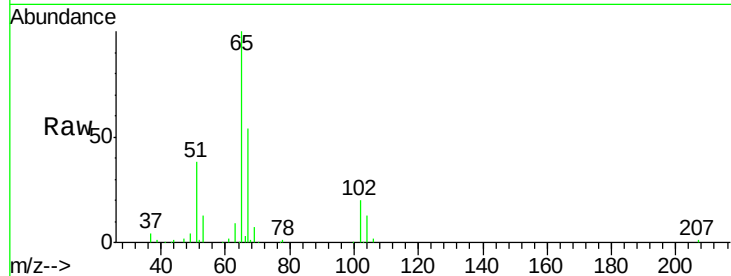




#33
 1,2-Dichloroethane-d4
 Concen: 46.612 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060728.D
 Acq: 26 Mar 2020 20:46

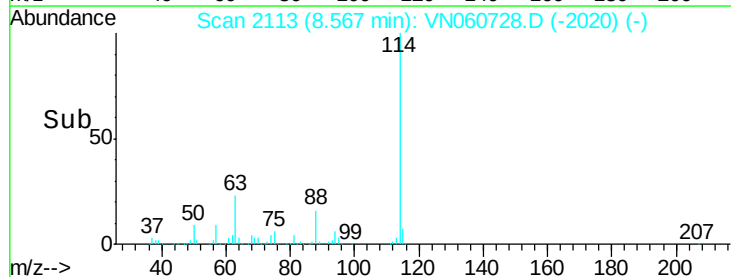
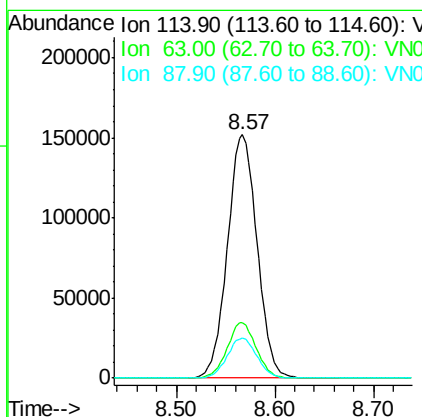
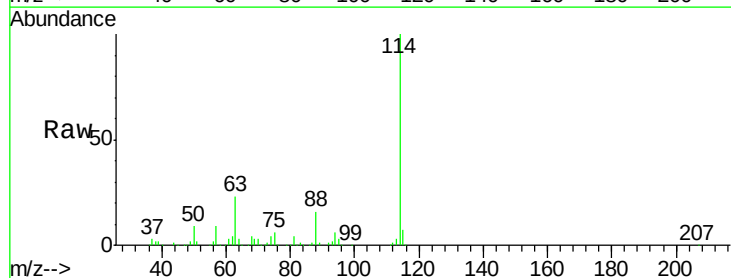
Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-PIT

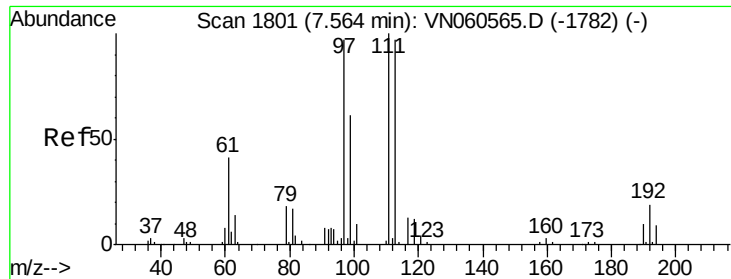
Tot Ion: 65 Resp: 123851
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060728.D
 Acq: 26 Mar 2020 20:46

Tgt Ion: 114 Resp: 318519
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.933 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060728.D

Acq: 26 Mar 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-PIT

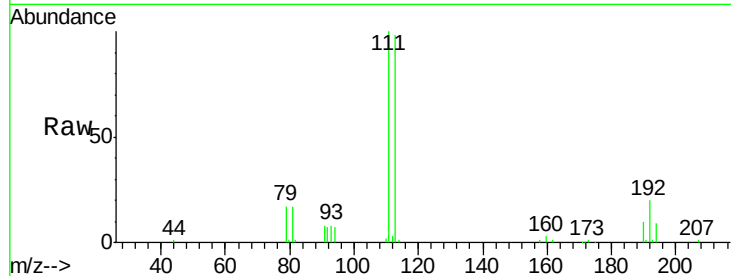
Tot Ion:113 Resp: 94245

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

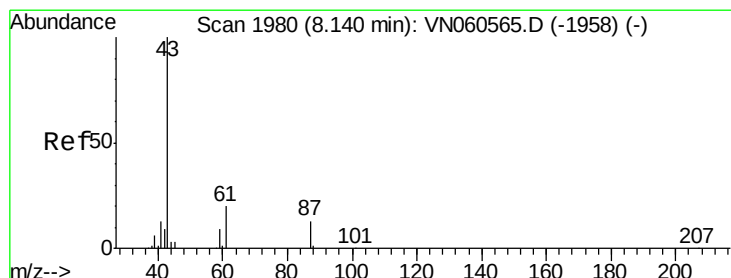
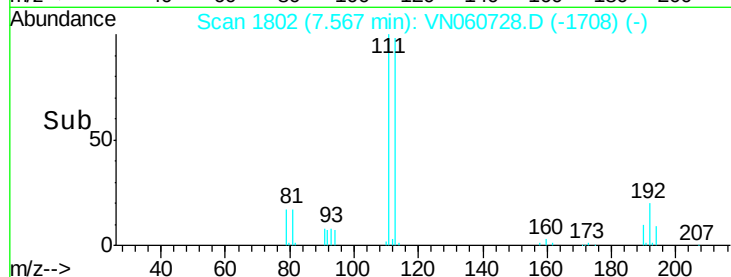
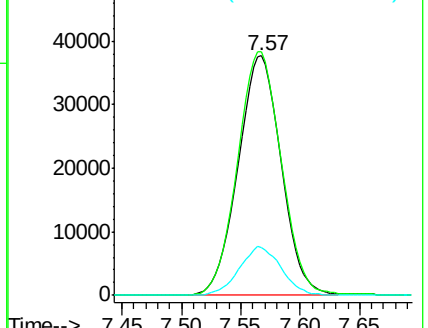
192 19.8 15.8 23.8



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: 3.944 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060728.D

Acq: 26 Mar 2020 20:46

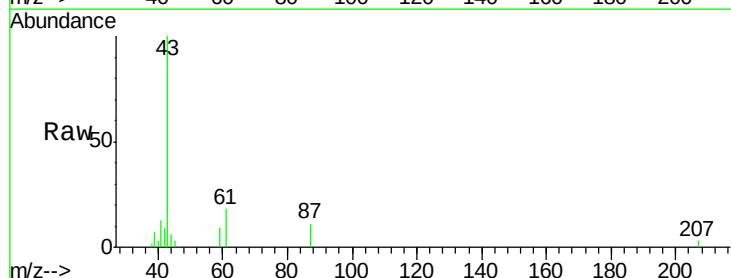
Tgt Ion: 43 Resp: 21675

Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

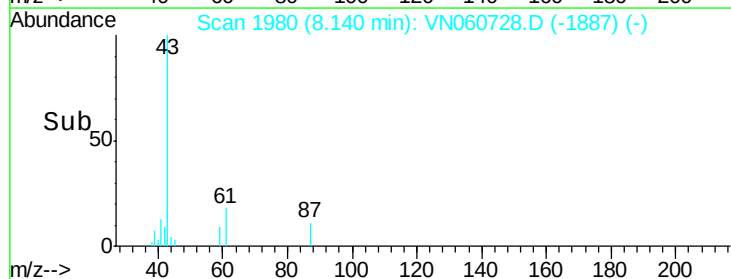
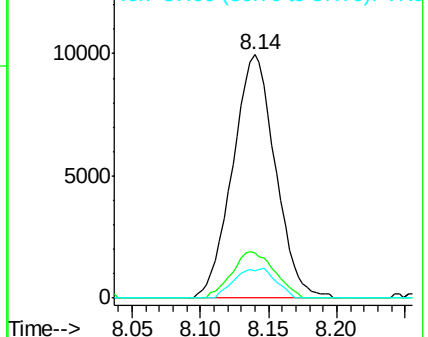
87 11.7 9.8 14.8

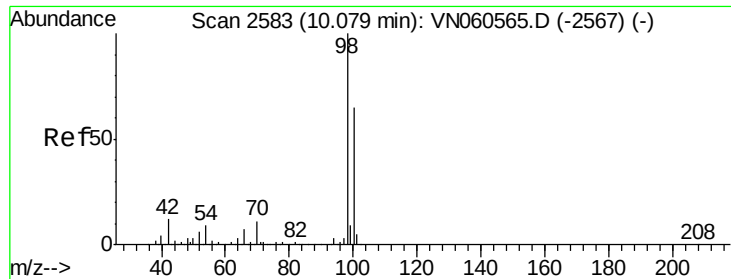


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

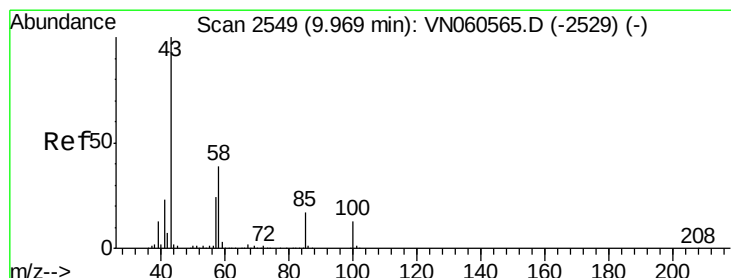
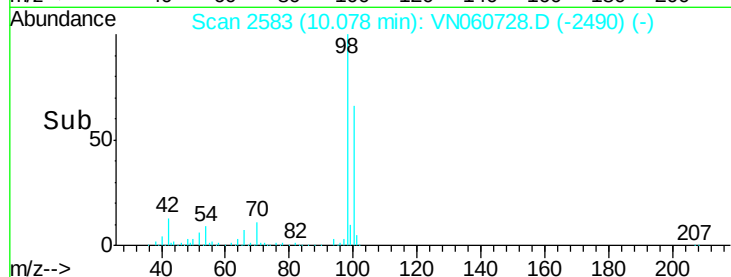
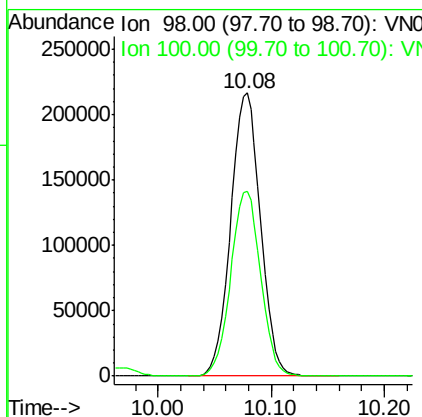
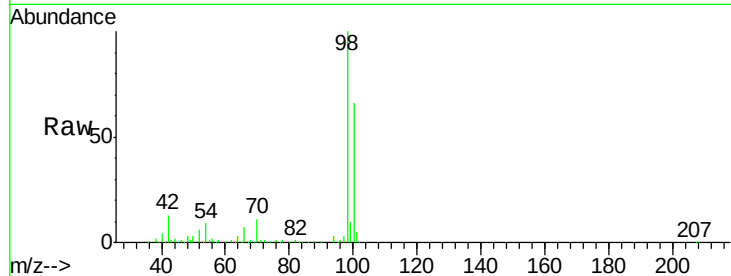




#50
Toluene-d8
Concen: 50.401 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060728.D
Acq: 26 Mar 2020 20:46

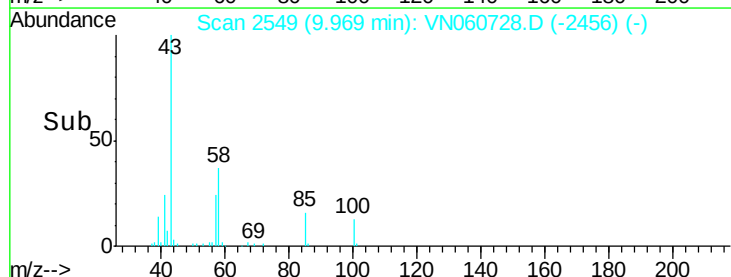
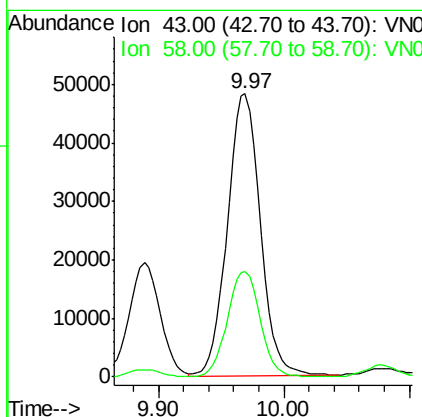
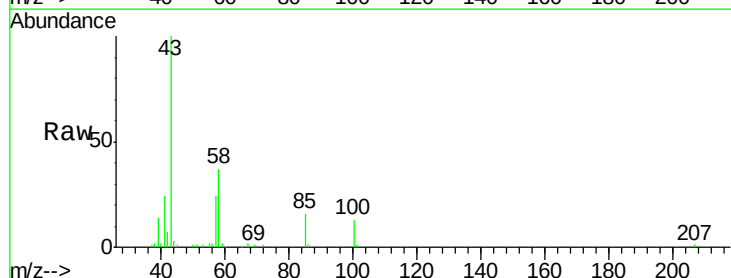
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-PIT

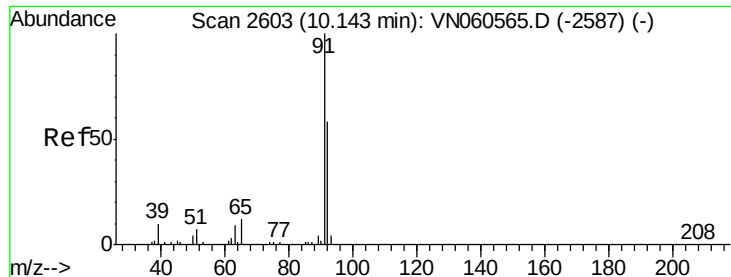
Tot Ion: 98 Resp: 396501
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 28.139 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060728.D
Acq: 26 Mar 2020 20:46

Tgt Ion: 43 Resp: 88005
Ion Ratio Lower Upper
43 100
58 37.1 30.8 46.2





#52

Toluene

Concen: 2.201 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060728.D

Acq: 26 Mar 2020 20:46

Instrument :

MSVOA_N

ClientSampled :

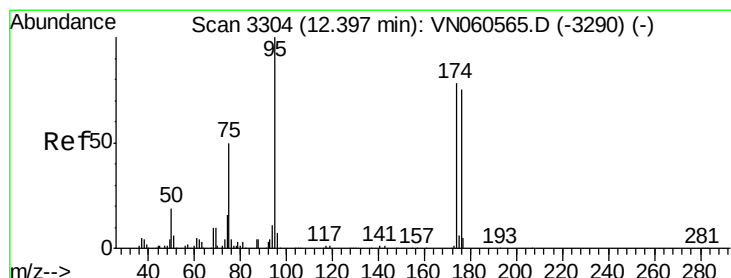
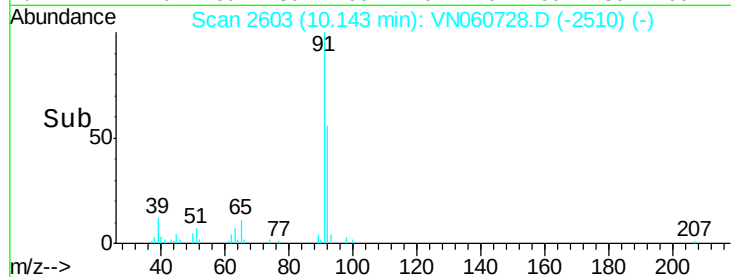
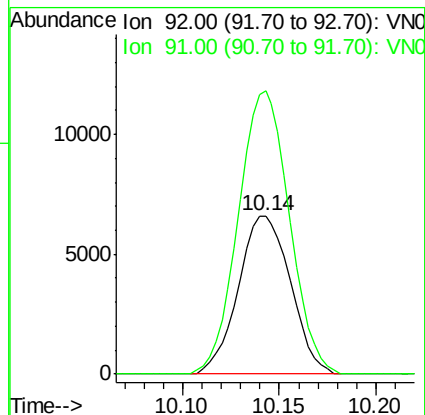
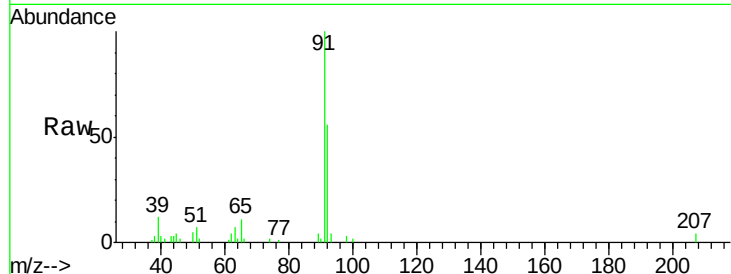
SLUDGE-PIT

Tot Ion: 92 Resp: 12376

Ion Ratio Lower Upper

92 100

91 175.2 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 51.827 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060728.D

Acq: 26 Mar 2020 20:46

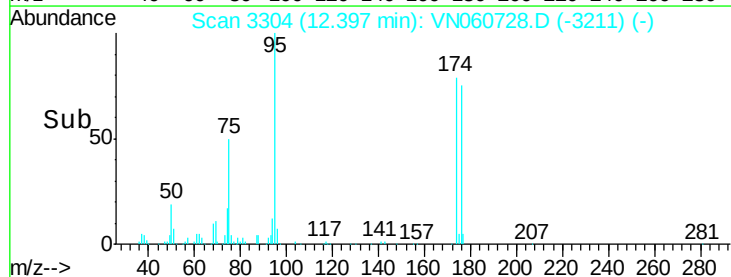
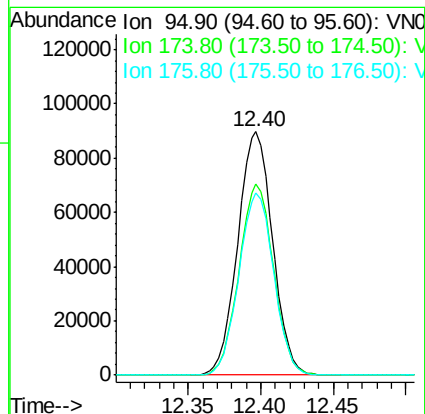
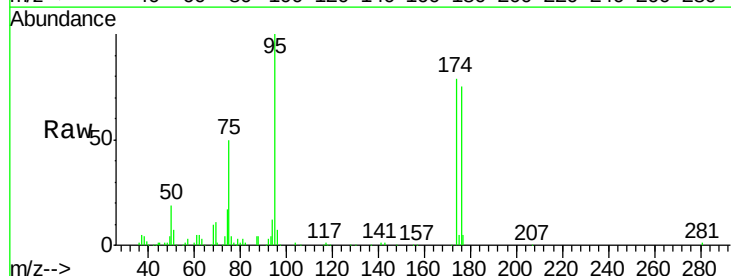
Tgt Ion: 95 Resp: 149422

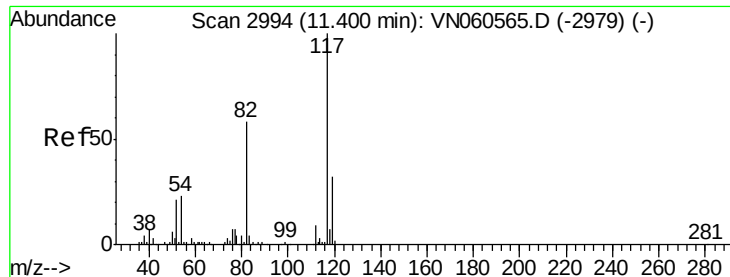
Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.6

176 75.2 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: VN060728.D

Acq: 26 Mar 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-PIT

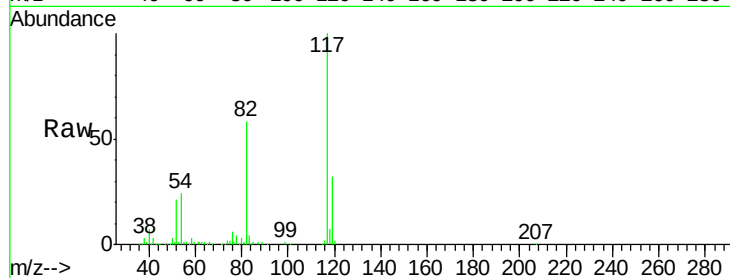
Tot Ion:117 Resp: 302819

Ion Ratio Lower Upper

117 100

82 58.5 46.7 70.1

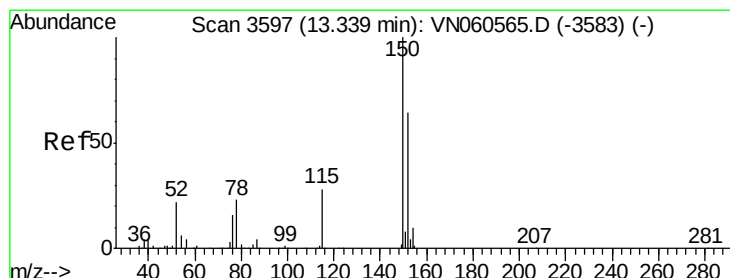
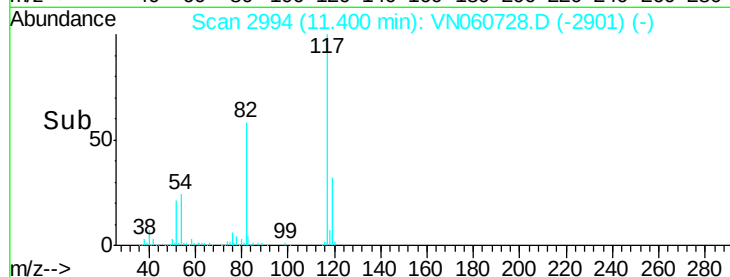
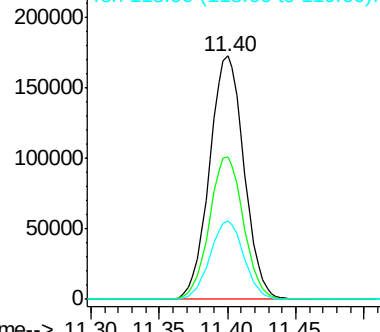
119 32.1 25.5 38.3



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: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060728.D

Acq: 26 Mar 2020 20:46

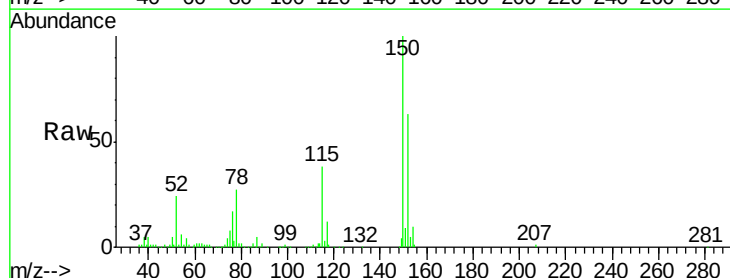
Tgt Ion:152 Resp: 142997

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 157.2 0.0 350.2



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

