

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064385.D
 Acq On : 29 Oct 2020 19:42
 Operator : JC/MD
 Sample : L4549-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH-RECLAMATION-PIT

Quant Time: Oct 30 08:09:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

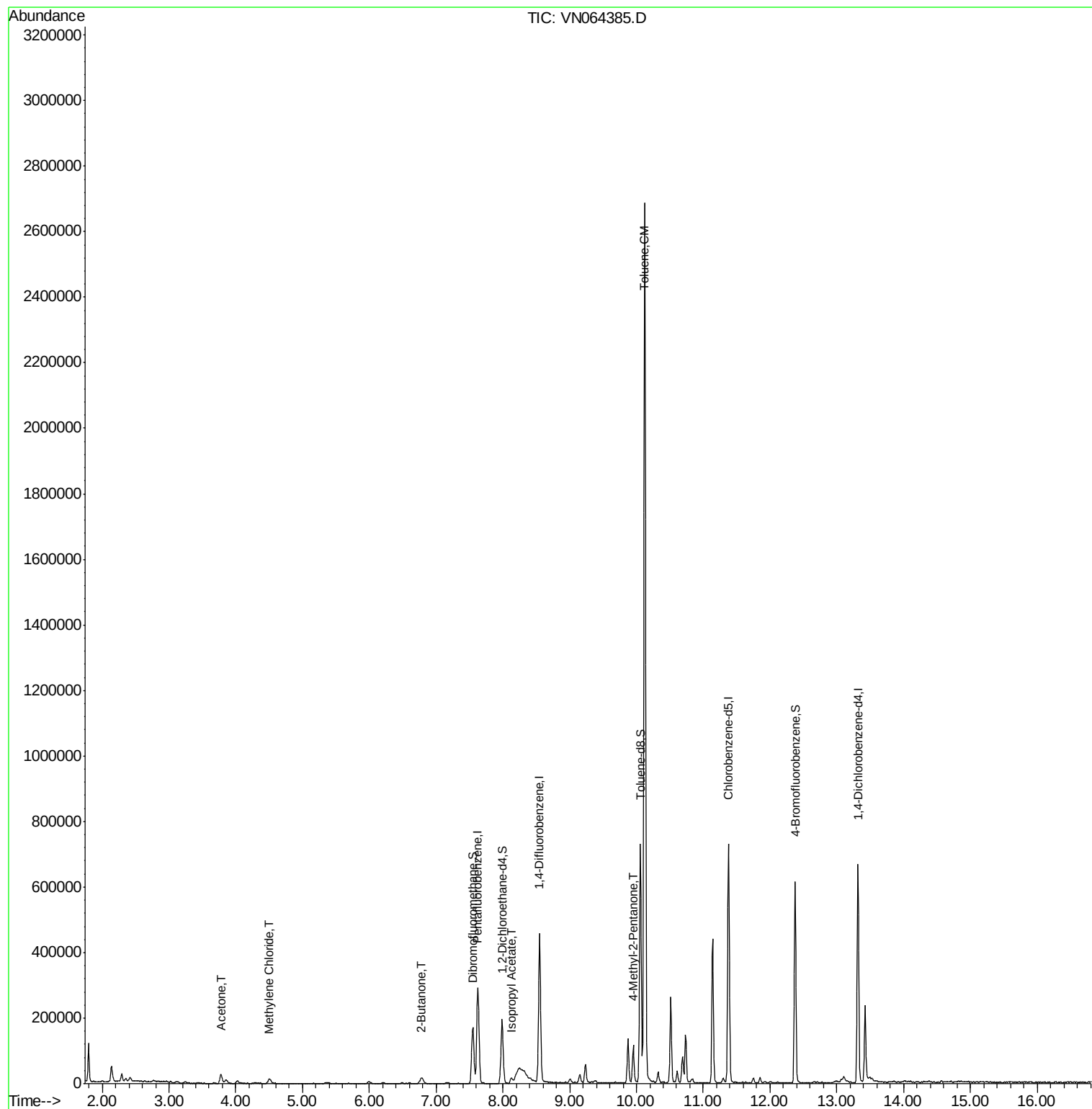
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	218002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	382617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	178205	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
35) Dibromofluoromethane	7.55	113	127658	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
50) Toluene-d8	10.06	98	489507	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.38	95	208245	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
Target Compounds						
16) Acetone	3.78	43	46633	32.658	ug/l	98
20) Methylene Chloride	4.50	84	10326	4.156	ug/l	97
25) 2-Butanone	6.79	43	15346	8.724	ug/l	94
43) Isopropyl Acetate	8.13	43	24163	3.624	ug/l #	85
51) 4-Methyl-2-Pentanone	9.95	43	79097	20.408	ug/l	100
52) Toluene	10.12	92	1134885	167.324	ug/l	98

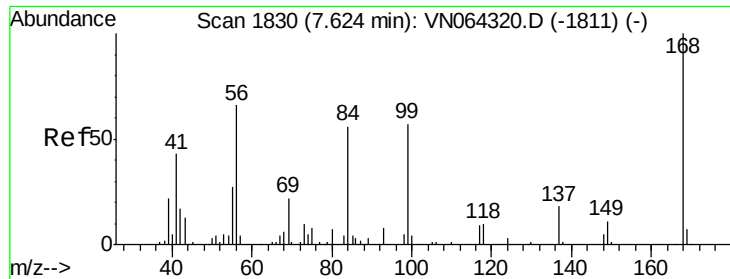
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064385.D

Acq: 29 Oct 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

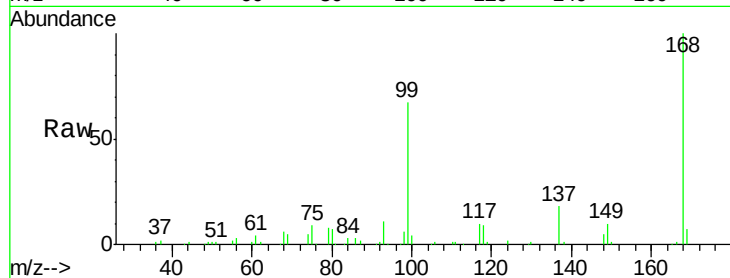
BUS-WASH-RECLAMATION-PIT

Tot Ion:168 Resp: 218002

Ion Ratio Lower Upper

168 100

99 67.0 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

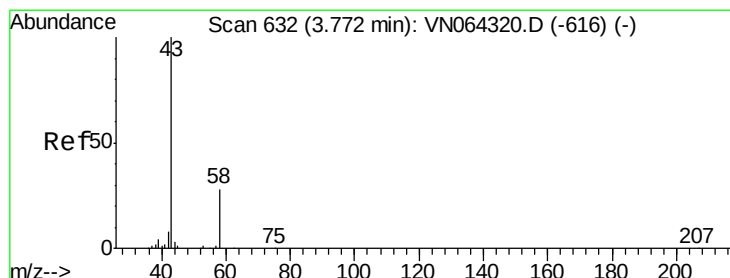
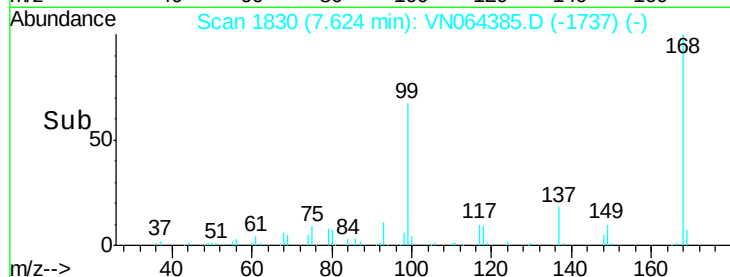
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 32.658 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064385.D

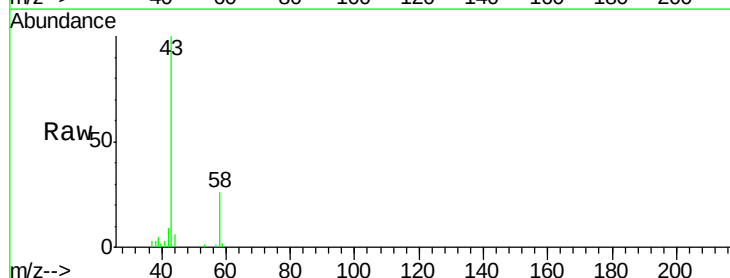
Acq: 29 Oct 2020 19:42

Tgt Ion: 43 Resp: 46633

Ion Ratio Lower Upper

43 100

58 26.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

20000

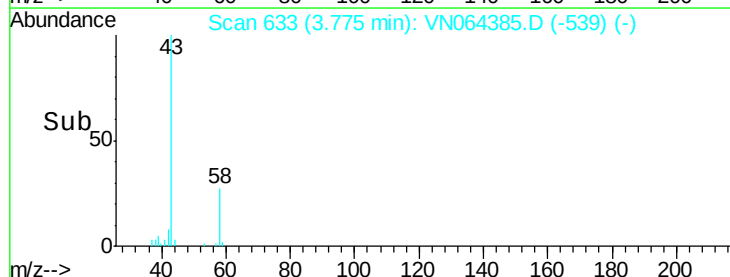
15000

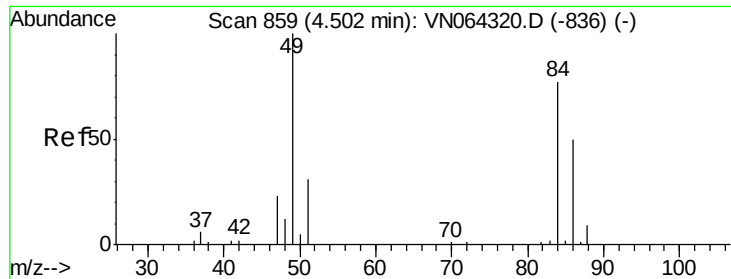
10000

5000

0

Time-->

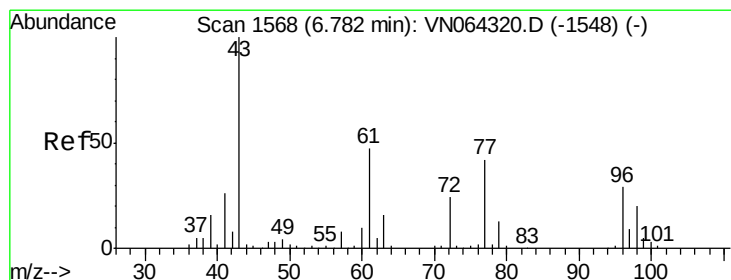
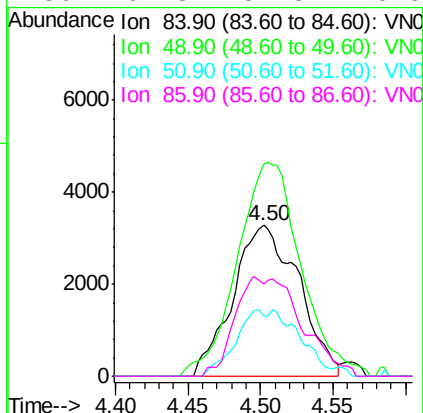
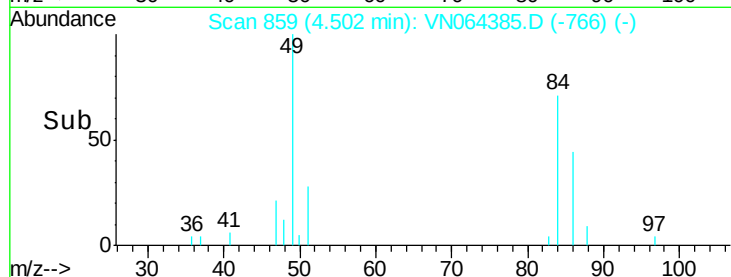
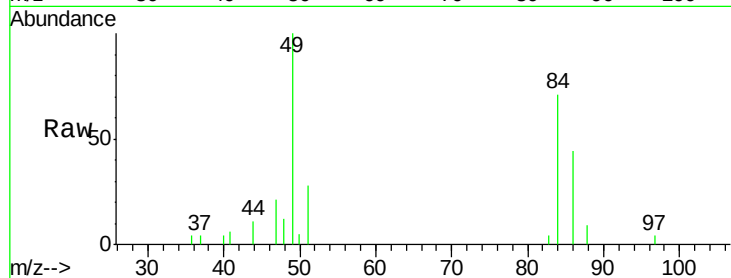




#20
Methvlene Chloride
Concen: 4.156 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064385.D
Acq: 29 Oct 2020 19:42

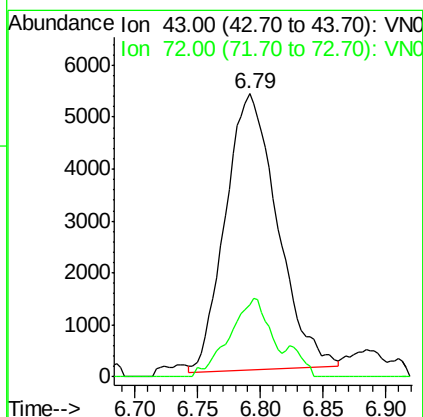
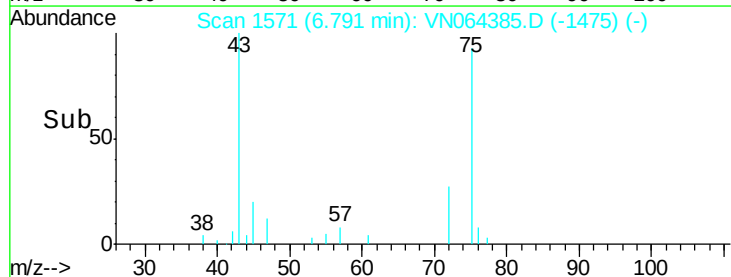
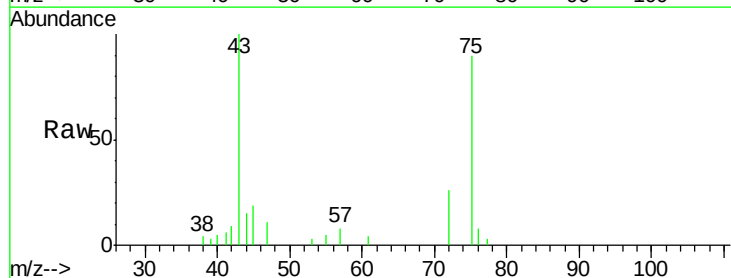
Instrument :
MSVOA_N
ClientSampleId :
BUS-WASH-RECLAMATION-PIT

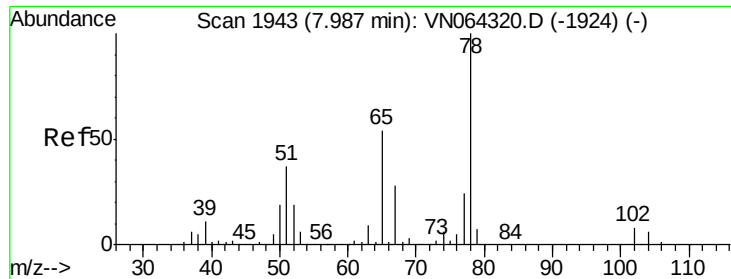
Tot Ion:	84	Resp:	10326
Ion	Ratio	Lower	Upper
84	100		
49	133.5	103.6	155.4
51	40.0	31.8	47.8
86	61.3	51.3	76.9



#25
2-Butanone
Concen: 8.724 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN064385.D
Acq: 29 Oct 2020 19:42

Tgt Ion:	43	Resp:	15346
Ion	Ratio	Lower	Upper
43	100		
72	26.7	18.8	28.2

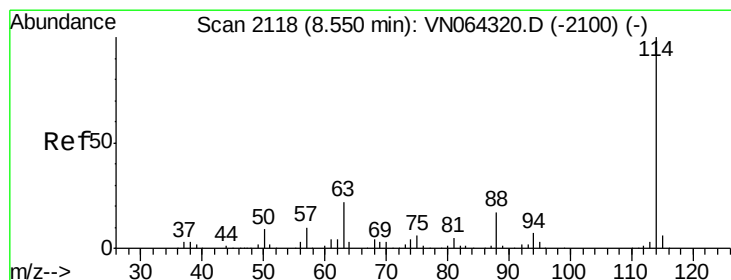
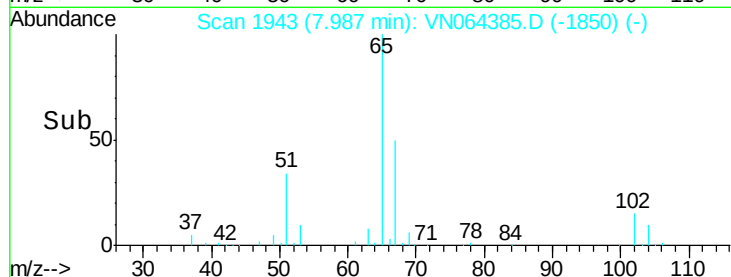
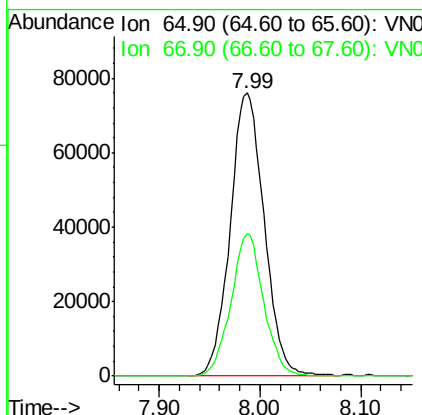
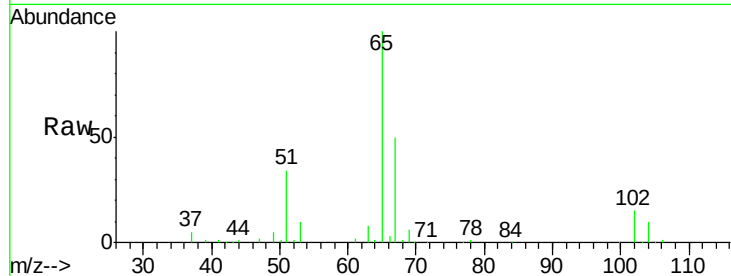




#33
 1,2-Dichloroethane-d4
 Concen: 50.868 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064385.D
 Acq: 29 Oct 2020 19:42

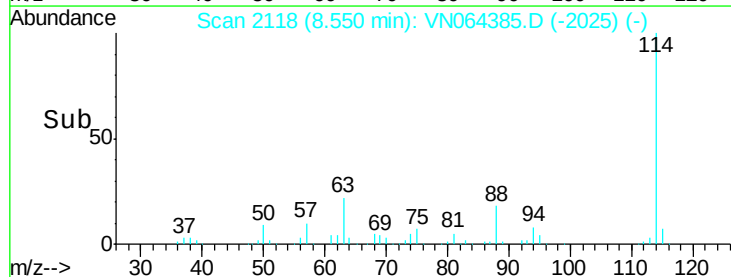
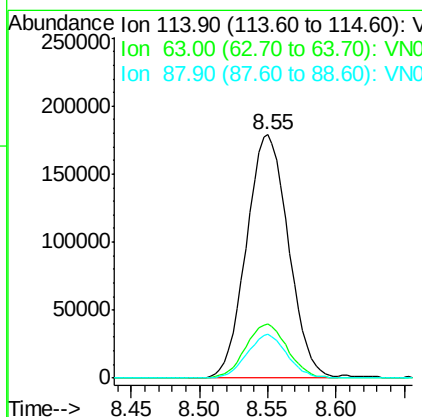
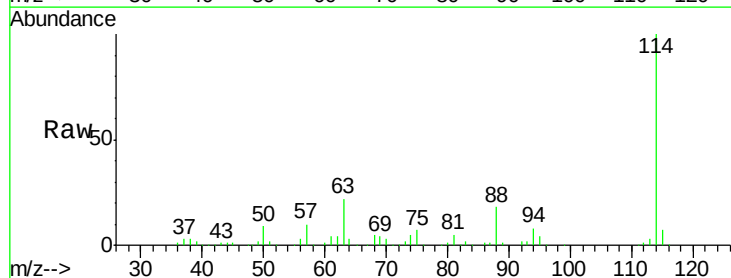
Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH-RECLAMATION-PIT

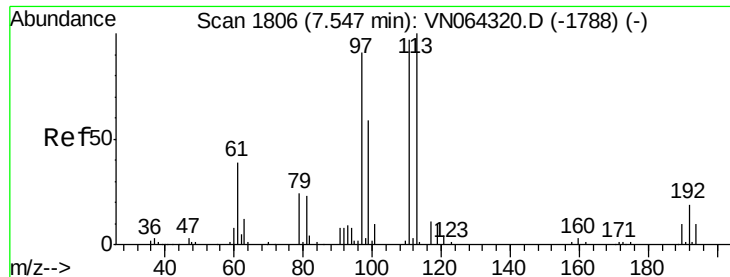
Tot Ion: 65 Resp: 178205
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064385.D
 Acq: 29 Oct 2020 19:42

Tgt Ion: 114 Resp: 382617
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.6
 88 17.9 0.0 33.4

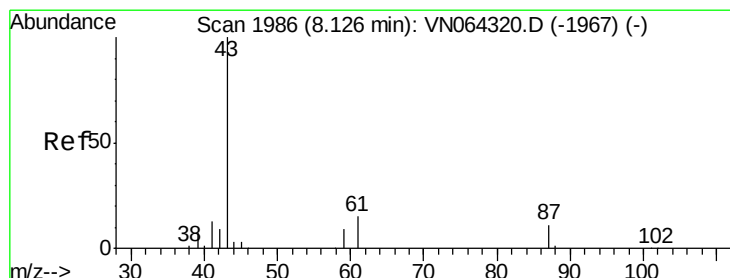
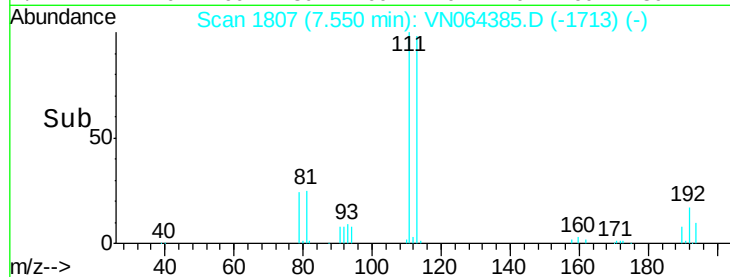
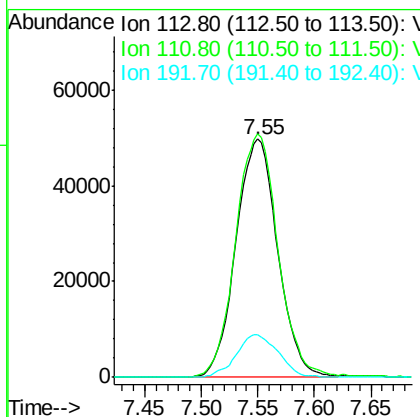
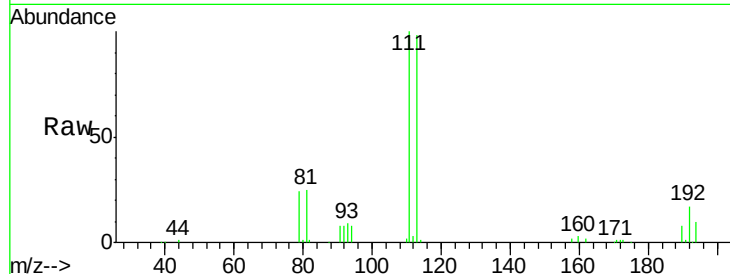




#35
 Dibromofluoromethane
 Concen: 50.031 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064385.D
 Acq: 29 Oct 2020 19:42

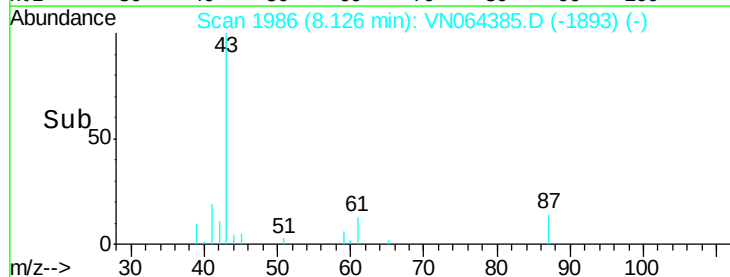
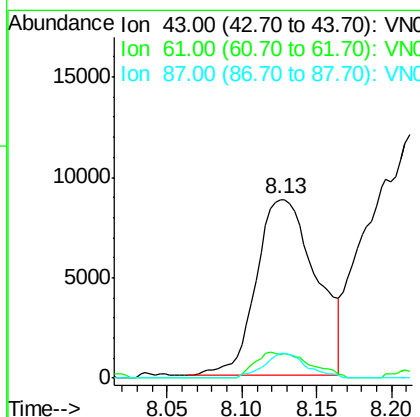
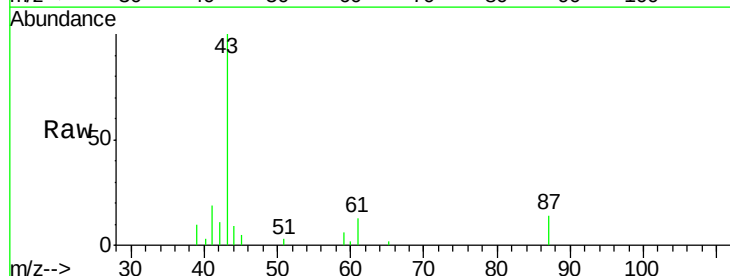
Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH-RECLAMATION-PIT

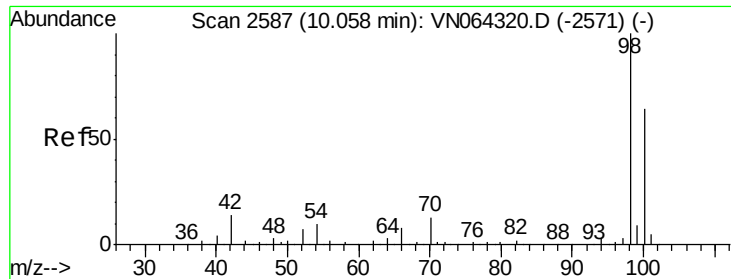
Tot Ion:113 Resp: 127658
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.5 122.3
 192 18.0 15.0 22.4



#43
 Isopropyl Acetate
 Concen: 3.624 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN064385.D
 Acq: 29 Oct 2020 19:42

Tgt Ion: 43 Resp: 24163
 Ion Ratio Lower Upper
 43 100
 61 13.4 19.1 28.7#
 87 10.3 9.3 13.9





#50

Toluene-d8

Concen: 51.866 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064385.D

Acq: 29 Oct 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

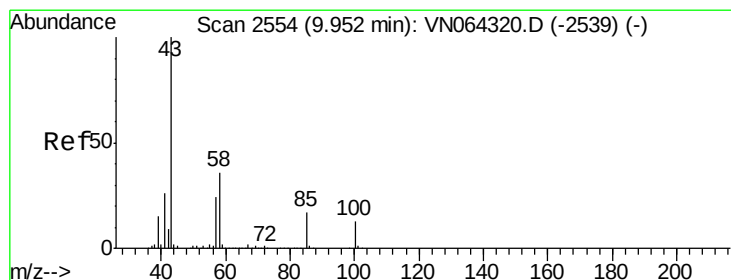
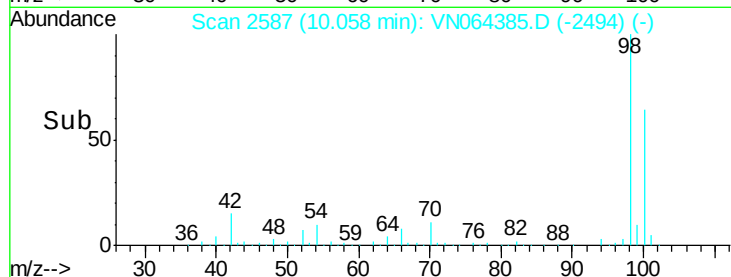
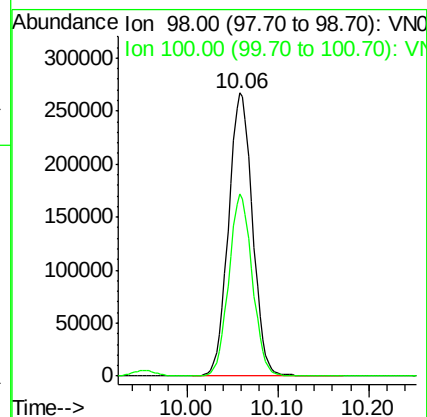
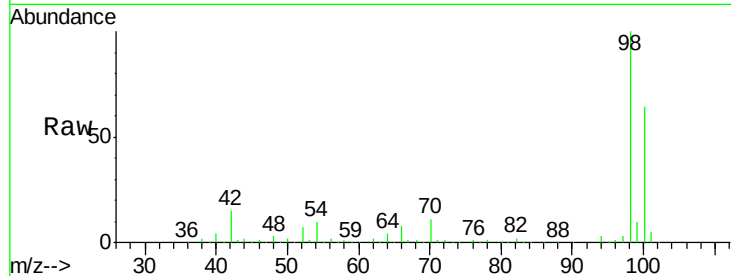
BUS-WASH-RECLAMATION-PIT

Tot Ion: 98 Resp: 489507

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 20.408 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064385.D

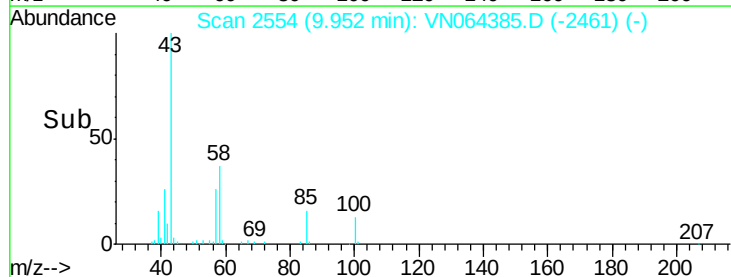
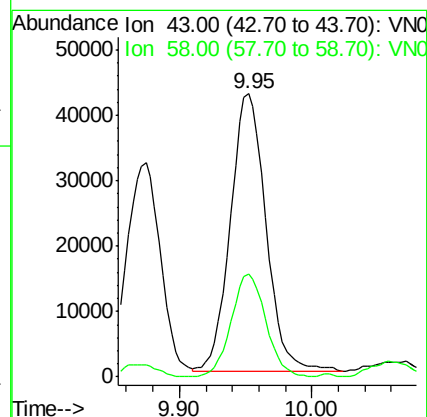
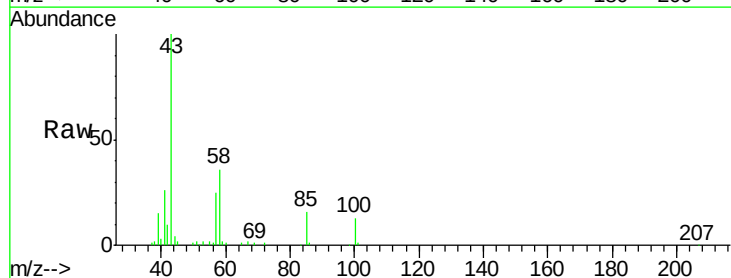
Acq: 29 Oct 2020 19:42

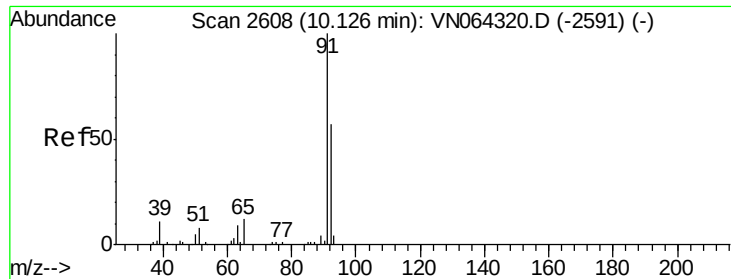
Tgt Ion: 43 Resp: 79097

Ion Ratio Lower Upper

43 100

58 36.0 28.6 42.8





#52

Toluene

Concen: 167.324 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064385.D

Acq: 29 Oct 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

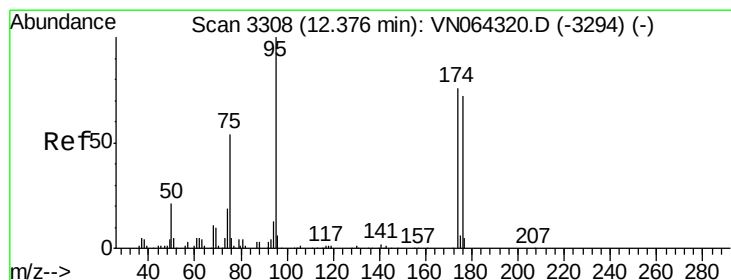
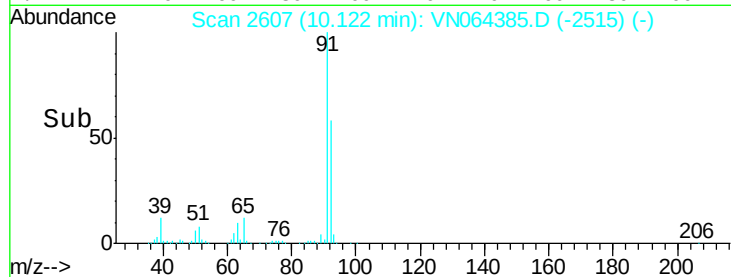
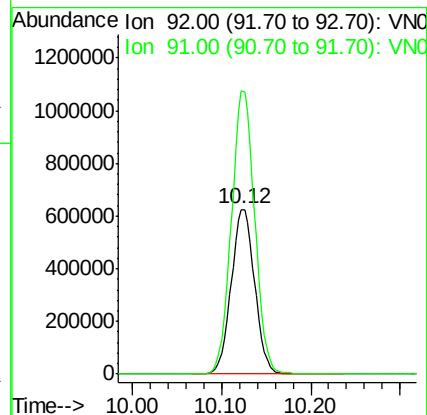
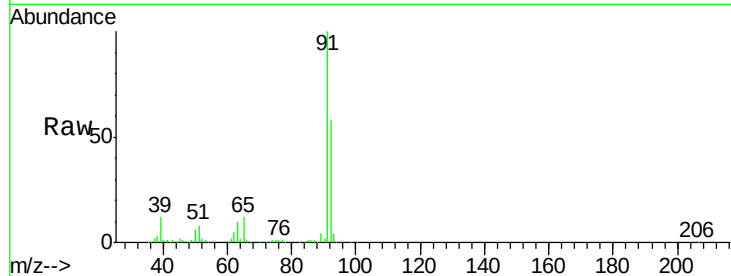
BUS-WASH-RECLAMATION-PIT

Tot Ion: 92 Resp: 1134885

Ion Ratio Lower Upper

92 100

91 171.7 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 56.591 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064385.D

Acq: 29 Oct 2020 19:42

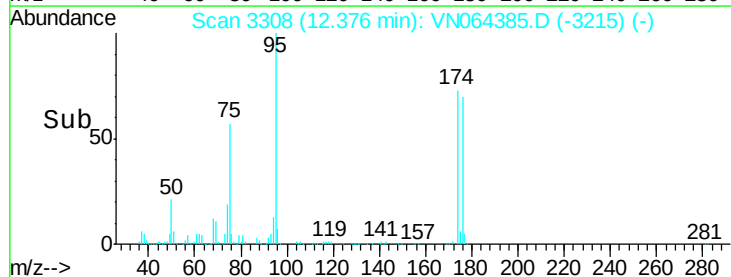
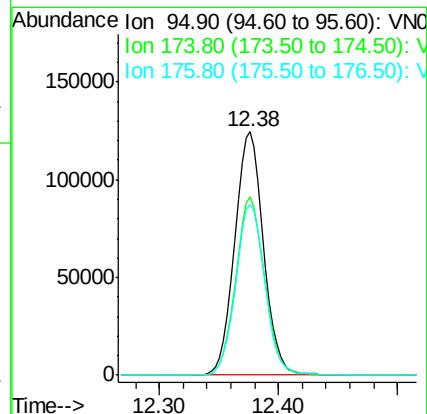
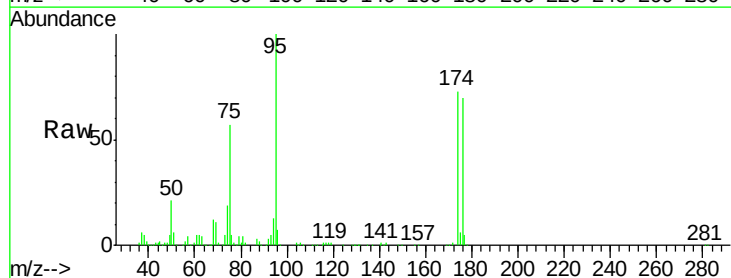
Tgt Ion: 95 Resp: 208245

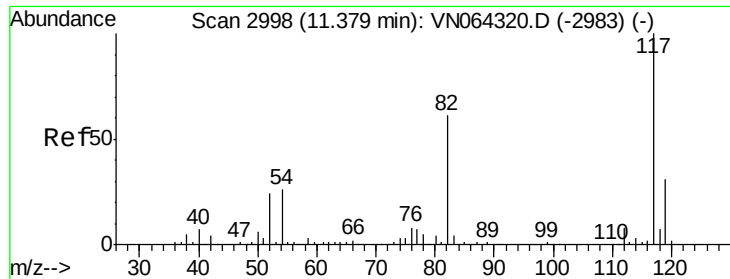
Ion Ratio Lower Upper

95 100

174 73.1 0.0 147.4

176 71.4 0.0 143.6

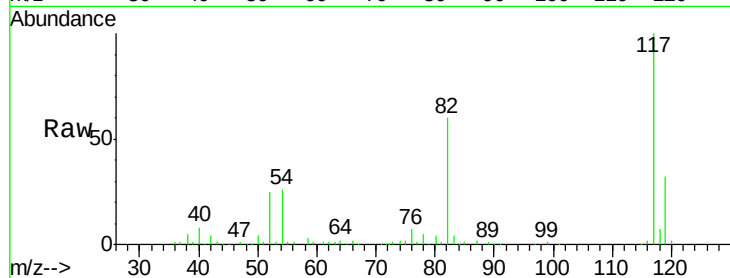




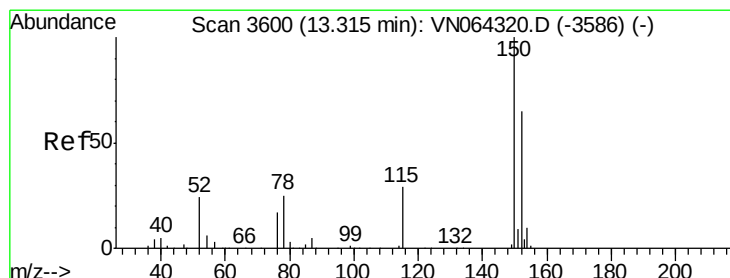
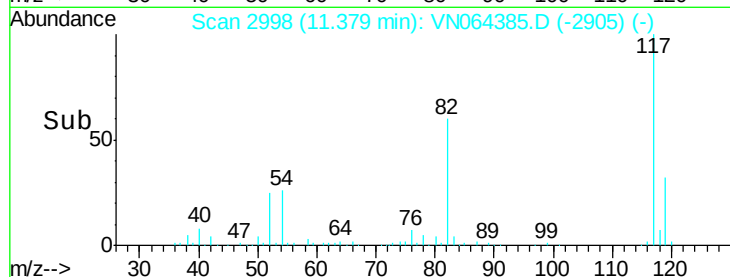
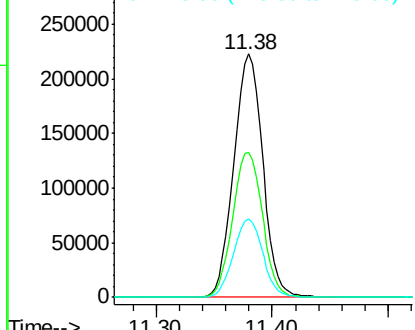
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064385.D
Acq: 29 Oct 2020 19:42

Instrument :
MSVOA_N
ClientSampleId :
BUS-WASH-RECLAMATION-PIT

Tot Ion:117 Resp: 385778
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 32.2 25.1 37.7

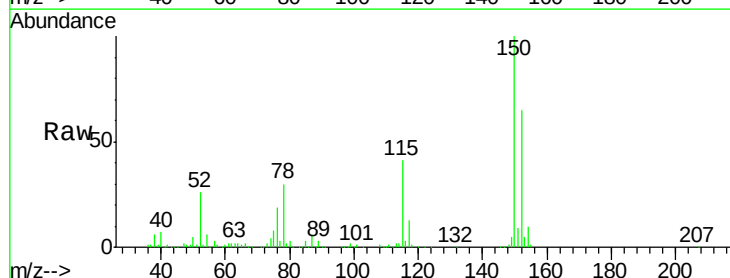


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064385.D
Acq: 29 Oct 2020 19:42

Tgt Ion:152 Resp: 168895
Ion Ratio Lower Upper
152 100
115 63.5 31.5 94.5
150 157.2 0.0 346.2



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

