

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076190.D
 Acq On : 10 Jan 2023 18:24
 Operator : JC\MD
 Sample : 01061-02
 Misc : 5.07gr/10mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-5

Quant Time: Jan 11 01:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

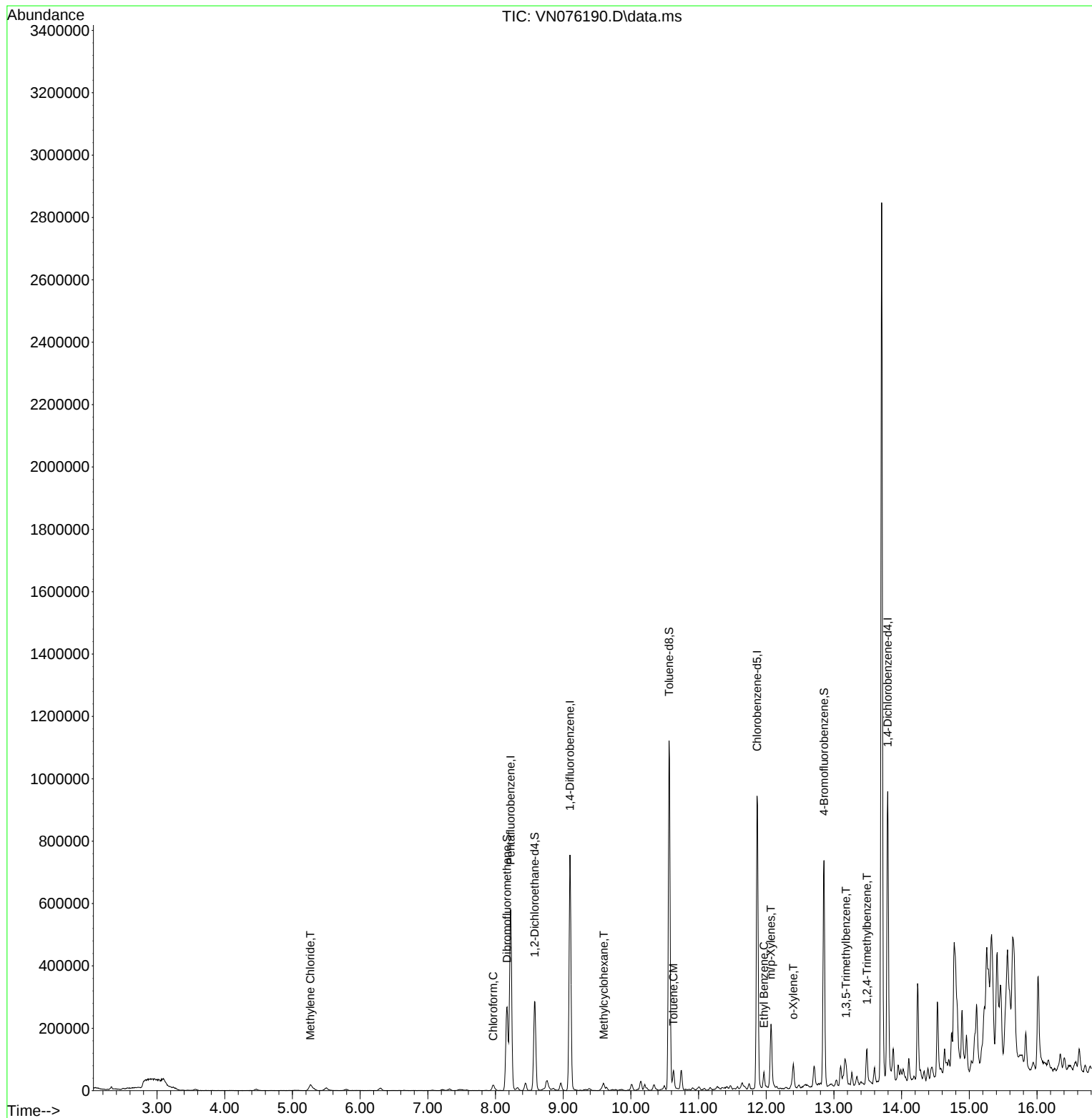
Internal Standards						
1) Pentafluorobenzene	8.224	168	442698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	685489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	576615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	231009	47.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.940%
35) Dibromofluoromethane	8.171	113	195758	46.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	10.565	98	784623	49.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.853	95	239869	45.628	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.260%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.265	84	14652	2.693	ug/l	88
30) Chloroform	7.965	83	17255	2.062	ug/l	99
39) Methylcyclohexane	9.600	83	7917	1.164	ug/l #	79
52) Toluene	10.629	92	25037	2.209	ug/l	99
67) Ethyl Benzene	11.965	91	36259	1.815	ug/l	93
68) m/p-Xylenes	12.071	106	60251	7.621	ug/l	98
69) o-Xylene	12.400	106	22565	2.884	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	19713	1.253	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	67696	4.337	ug/l	98

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

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SLUDGE-5

Quant Time: Jan 11 01:09:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

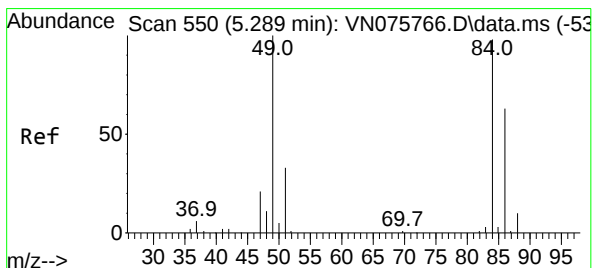
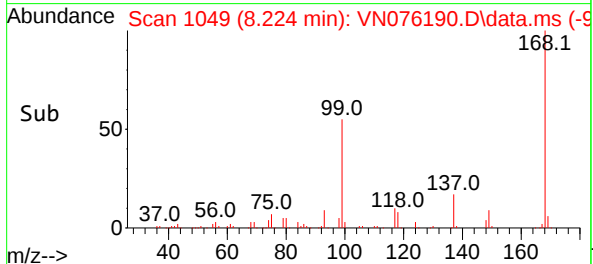
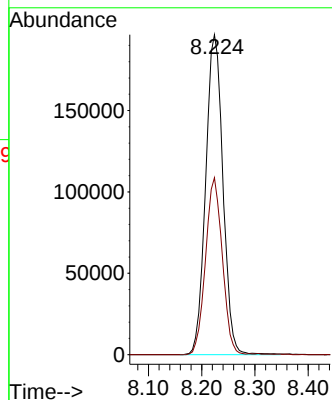
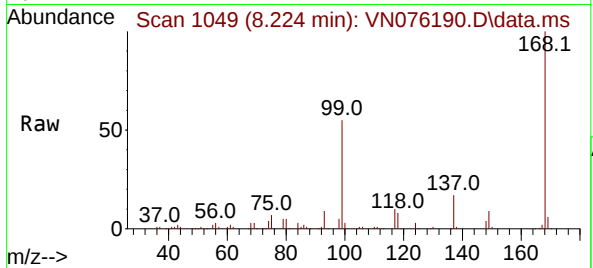




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

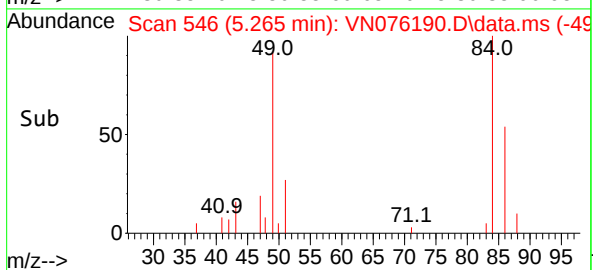
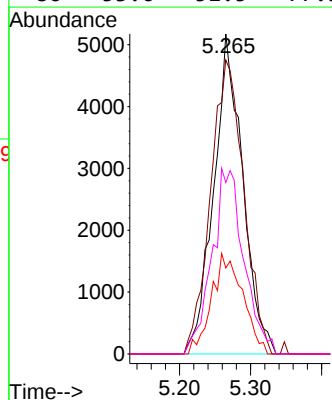
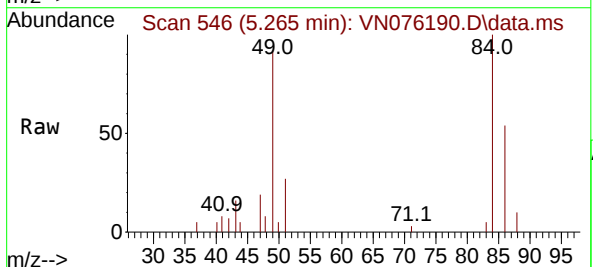
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-5

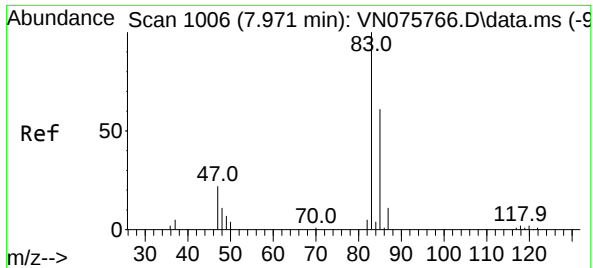
Tgt Ion:168 Resp: 442698
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#20
Methylene Chloride
Concen: 2.693 ug/l
RT: 5.265 min Scan# 546
Delta R.T. -0.024 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

Tgt Ion: 84 Resp: 14652
Ion Ratio Lower Upper
84 100
49 91.8 81.8 122.6
51 26.9 26.7 40.1
86 53.6 51.5 77.3

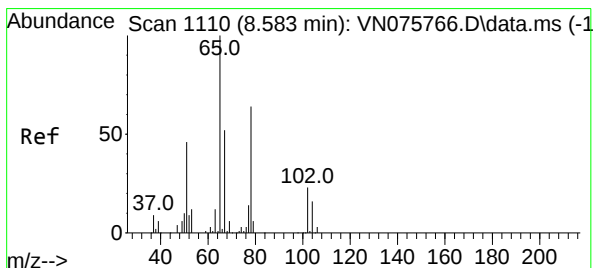
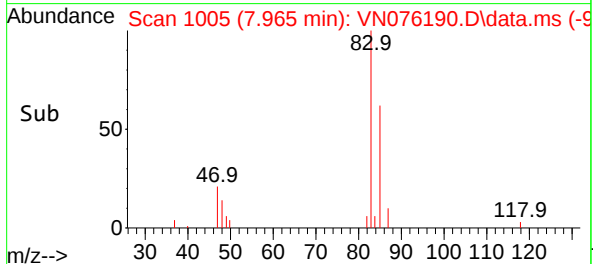
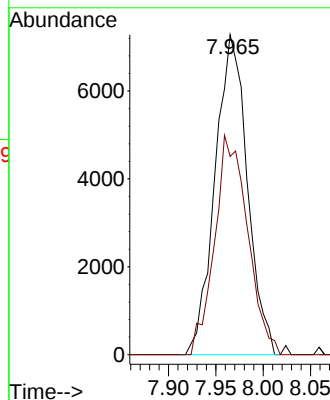
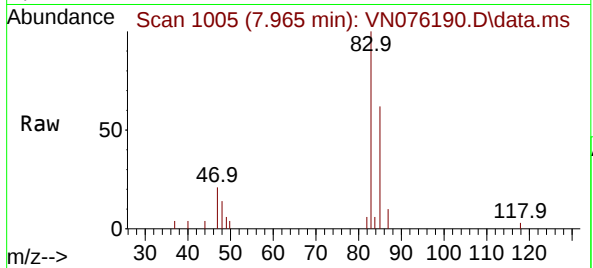




#30
Chloroform
Concen: 2.062 ug/l
RT: 7.965 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

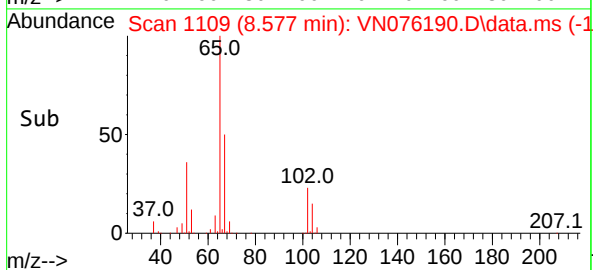
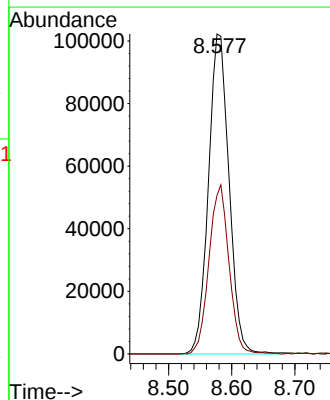
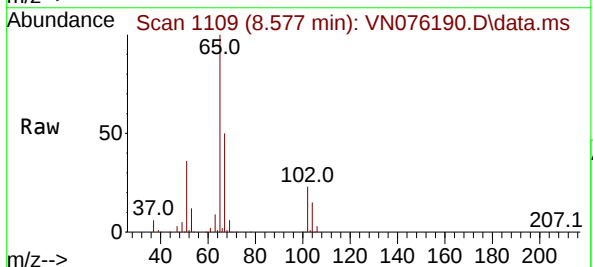
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-5

Tgt Ion: 83 Resp: 17255
Ion Ratio Lower Upper
83 100
85 61.9 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 47.966 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

Tgt Ion: 65 Resp: 231009
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076190.D

Acq: 10 Jan 2023 18:24

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-5

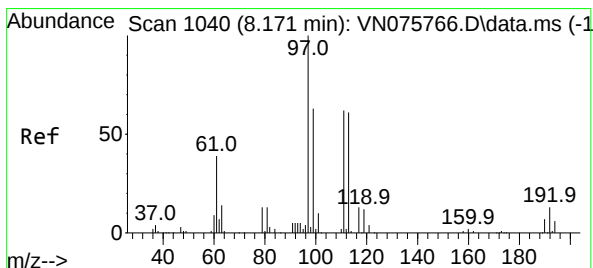
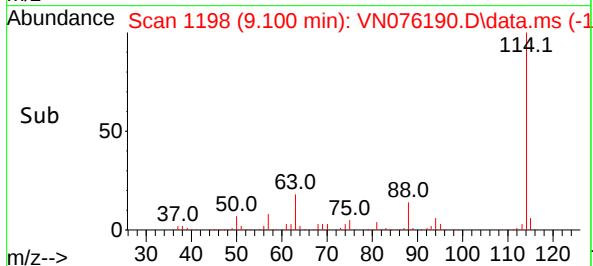
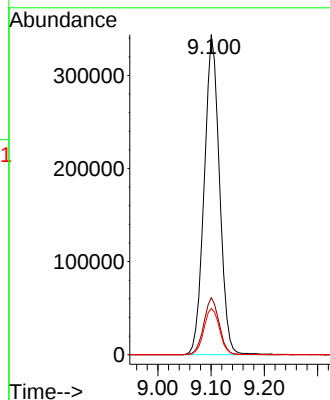
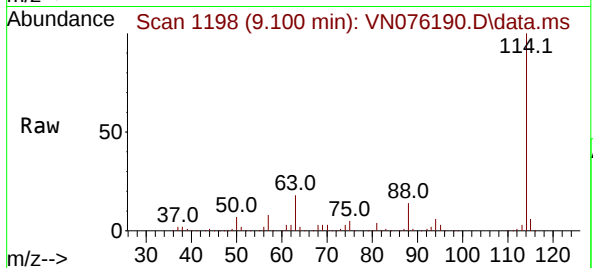
Tgt Ion:114 Resp: 685489

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.114 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076190.D

Acq: 10 Jan 2023 18:24

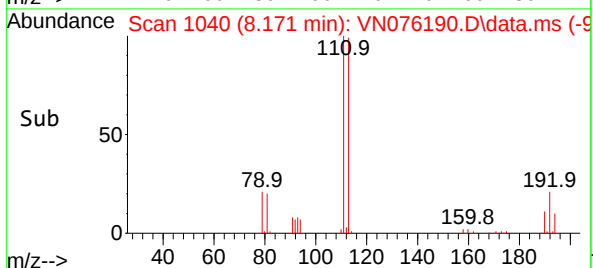
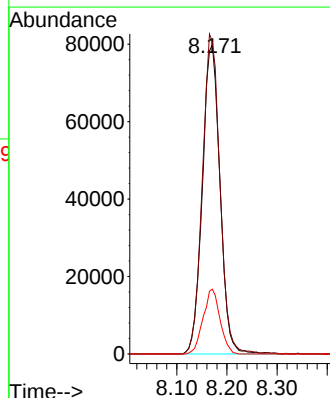
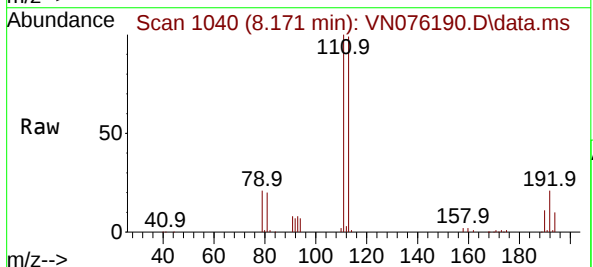
Tgt Ion:113 Resp: 195758

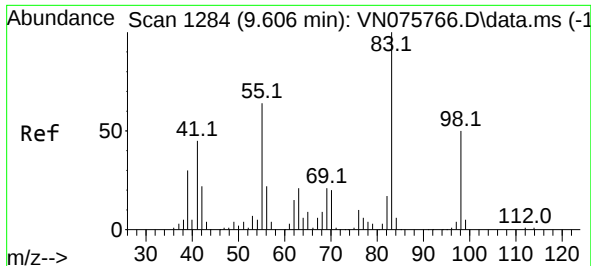
Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 20.0 16.1 24.1





#39

Methylcyclohexane

Concen: 1.164 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076190.D

Acq: 10 Jan 2023 18:24

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-5

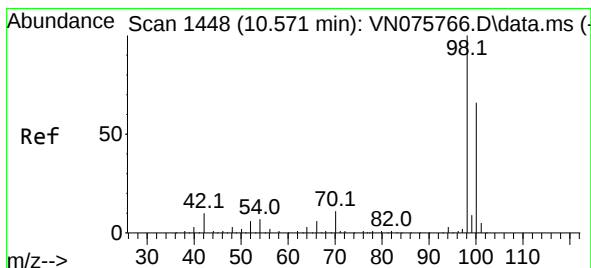
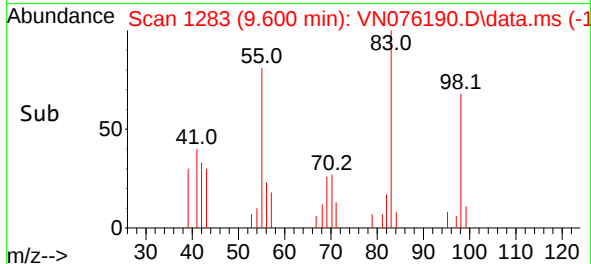
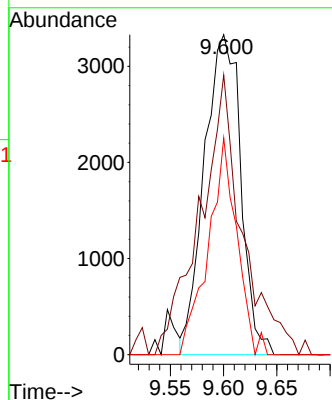
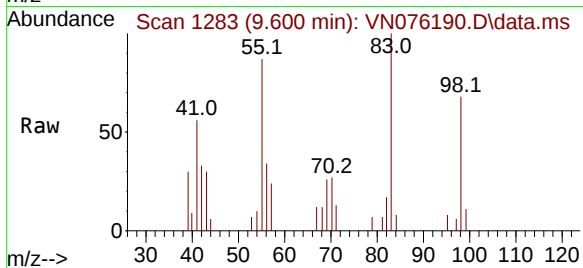
Tgt Ion: 83 Resp: 7917

Ion Ratio Lower Upper

83 100

55 77.4 51.4 77.0#

98 67.7 39.8 59.8#



#50

Toluene-d8

Concen: 49.434 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076190.D

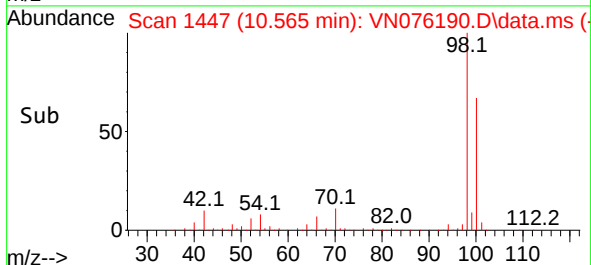
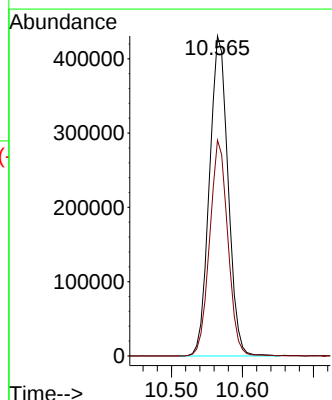
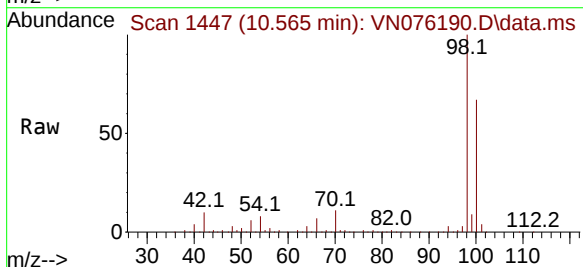
Acq: 10 Jan 2023 18:24

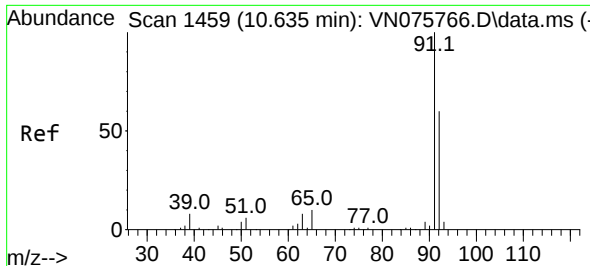
Tgt Ion: 98 Resp: 784623

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1

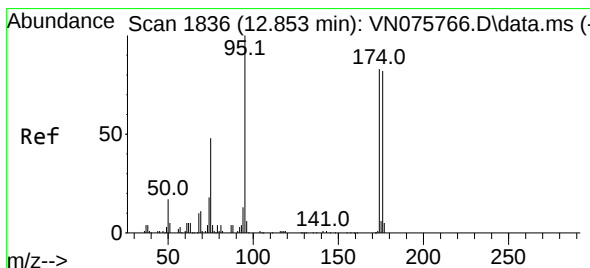
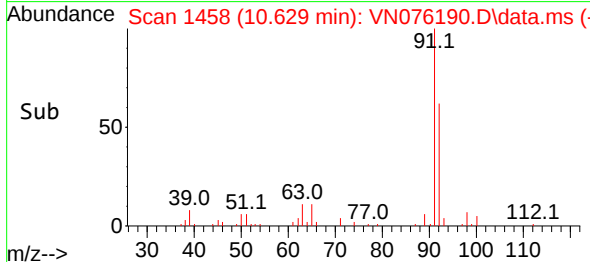
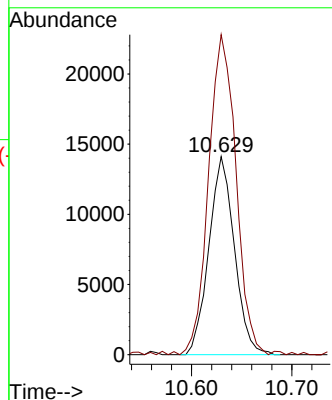
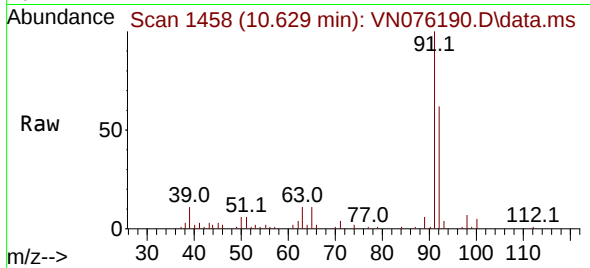




#52
Toluene
Concen: 2.209 ug/l
RT: 10.629 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

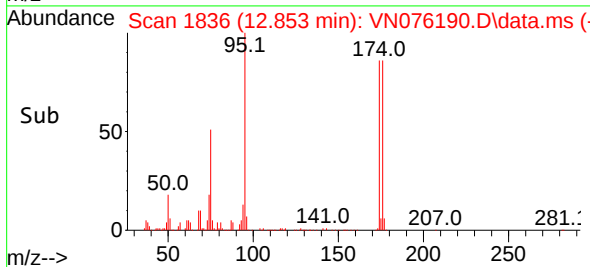
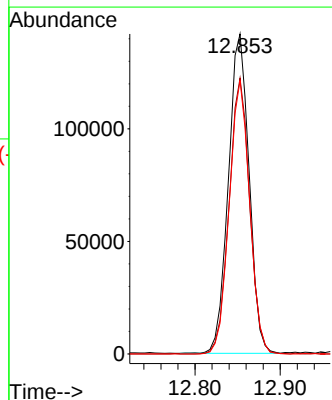
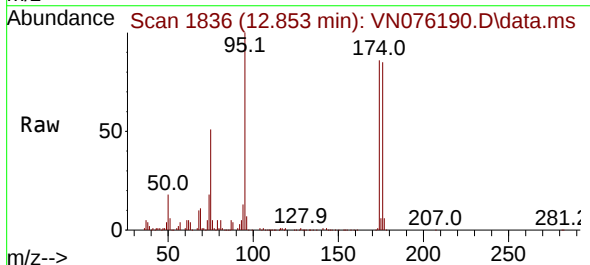
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-5

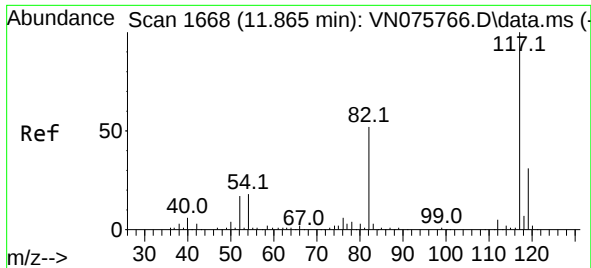
Tgt Ion: 92 Resp: 25037
Ion Ratio Lower Upper
92 100
91 173.1 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 45.628 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

Tgt Ion: 95 Resp: 239869
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 84.3 0.0 169.2

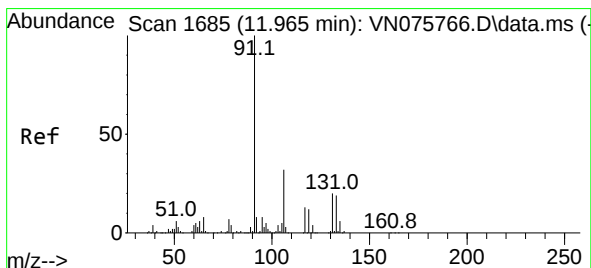
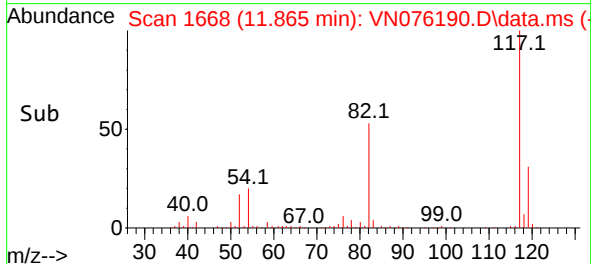
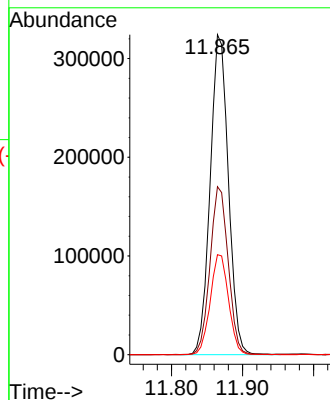
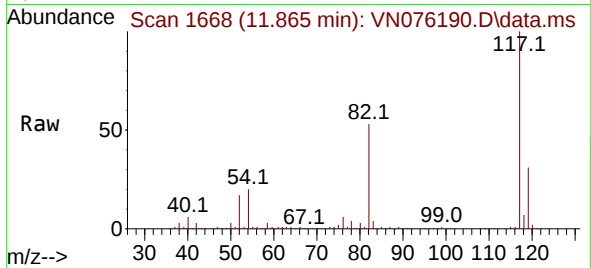




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

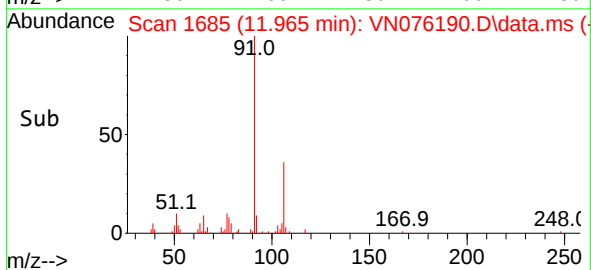
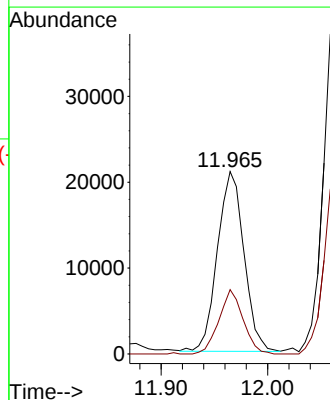
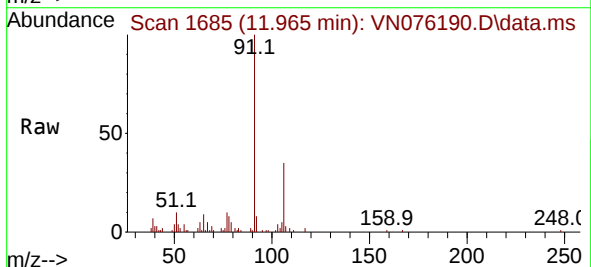
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ClientSampleId :
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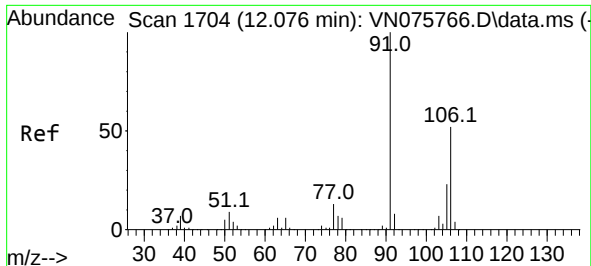
Tgt Ion:117 Resp: 576615
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 31.3 24.6 37.0



#67
Ethyl Benzene
Concen: 1.815 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

Tgt Ion: 91 Resp: 36259
Ion Ratio Lower Upper
91 100
106 35.8 25.7 38.5

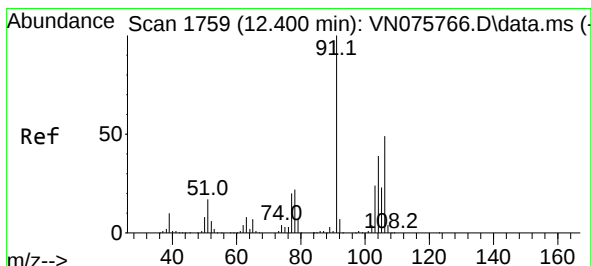
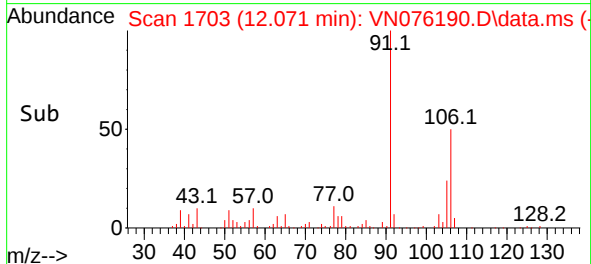
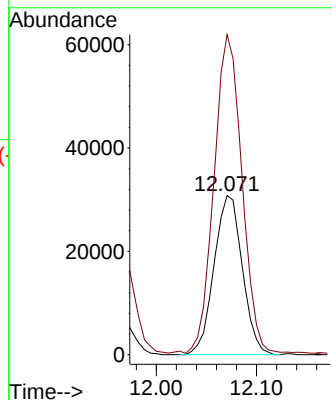
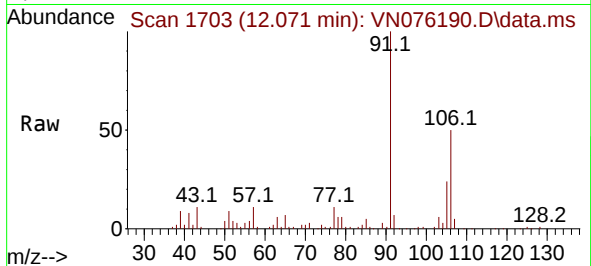




#68
m/p-Xylenes
Concen: 7.621 ug/l
RT: 12.071 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

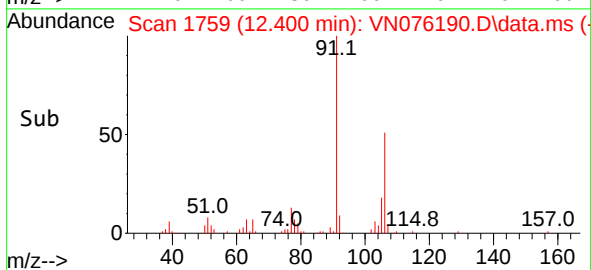
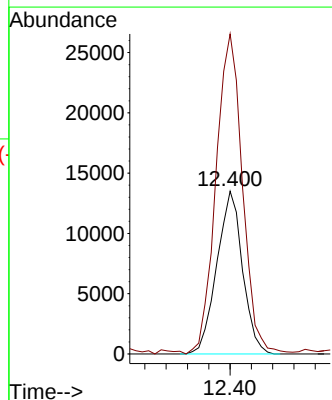
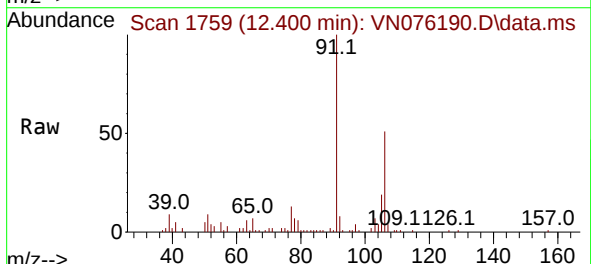
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-5

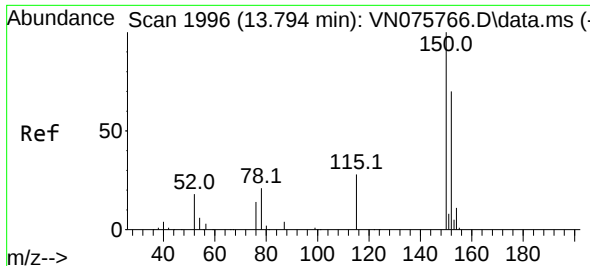
Tgt Ion:106 Resp: 60251
Ion Ratio Lower Upper
106 100
91 198.1 156.6 235.0



#69
o-Xylene
Concen: 2.884 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076190.D
Acq: 10 Jan 2023 18:24

Tgt Ion:106 Resp: 22565
Ion Ratio Lower Upper
106 100
91 203.2 103.8 311.6

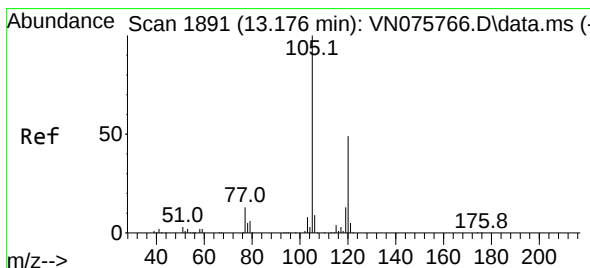
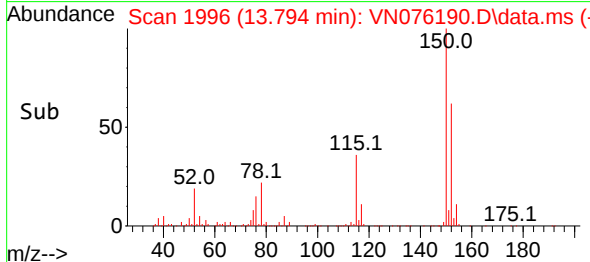
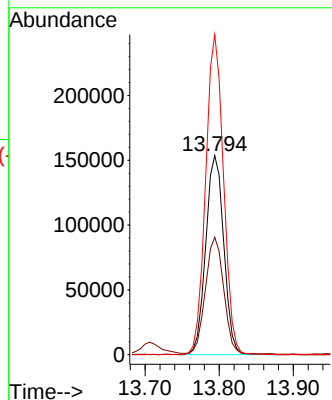
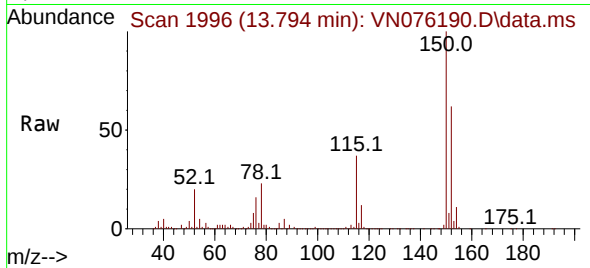




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076190.D
 Acq: 10 Jan 2023 18:24

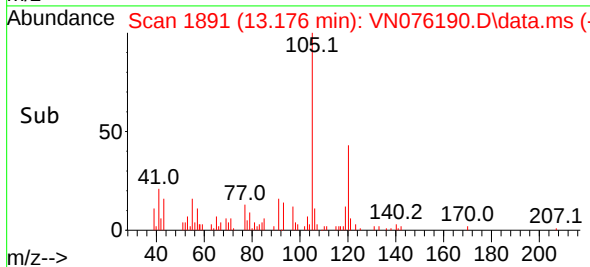
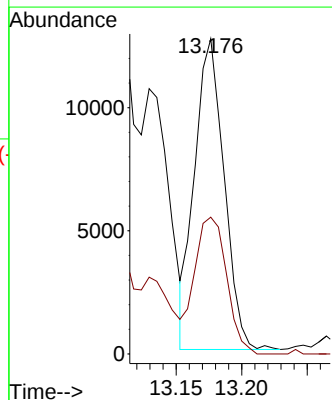
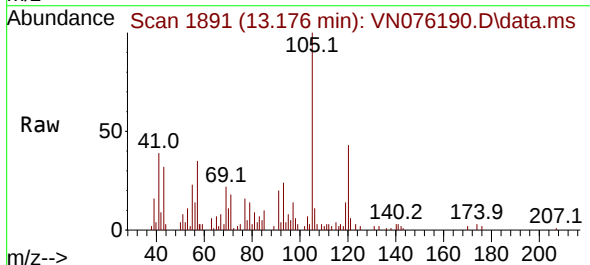
Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-5

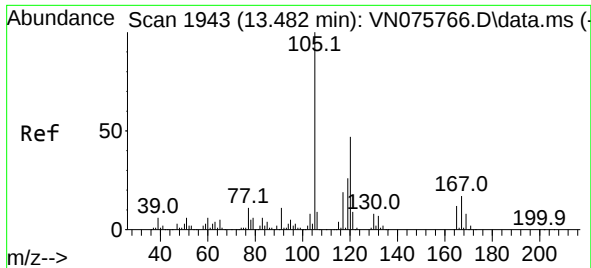
Tgt Ion:152 Resp: 260148
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.1 87.4
 150 159.0 0.0 347.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.253 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN076190.D
 Acq: 10 Jan 2023 18:24

Tgt Ion:105 Resp: 19713
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.7 74.1





#84
 1,2,4-Trimethylbenzene
 Concen: 4.337 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076190.D
 Acq: 10 Jan 2023 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-5

Tgt Ion:105 Resp: 67696
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.3 69.8

