

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023769.D
 Acq On : 02 Dec 2021 10:18
 Operator : SY/MD
 Sample : VW1202SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 01:58:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 01:58:06 2021
 Response via : Initial Calibration

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

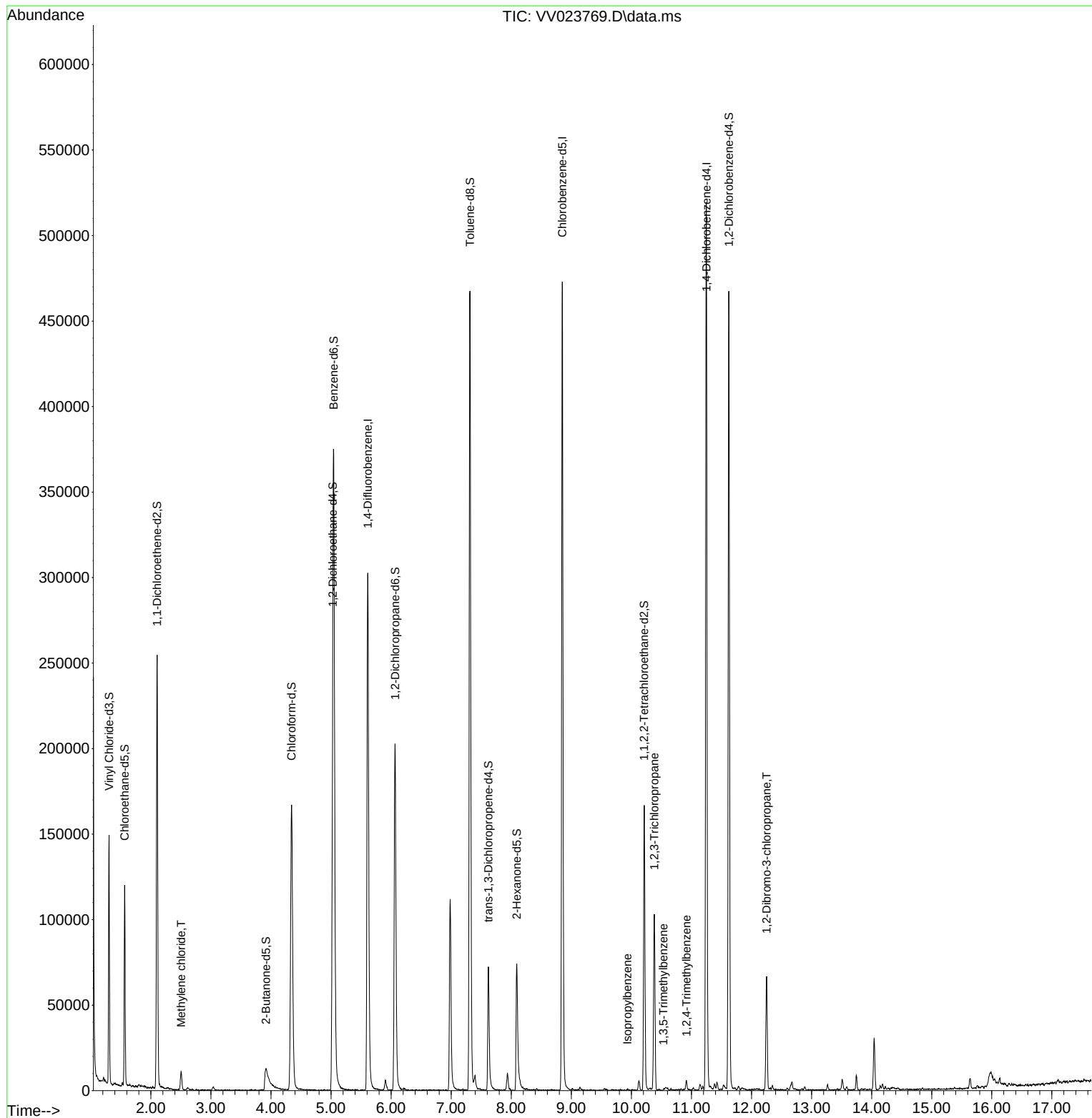
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	270216	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	265007	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	139168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85784	26.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.960%
7) Chloroethane-d5	1.565	69	69225	26.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.120%
11) 1,1-Dichloroethene-d2	2.101	63	129372	19.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.560%
21) 2-Butanone-d5	3.918	46	29652	32.277	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.560%
24) Chloroform-d	4.343	84	168016	23.813	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.240%
26) 1,2-Dichloroethane-d4	5.027	65	89851	23.169	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.680%
32) Benzene-d6	5.043	84	332799	24.941	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.760%
36) 1,2-Dichloropropane-d6	6.066	67	95521	24.429	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.720%
41) Toluene-d8	7.314	98	310739	24.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.360%
43) trans-1,3-Dichloroprop...	7.619	79	40826	22.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.720%
47) 2-Hexanone-d5	8.092	63	29449	42.111	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	71779	21.250	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	121981	24.691	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.760%
Target Compounds						
16) Methylene chloride	2.503	84	4585	0.879	ug/L	95
60) Isopropylbenzene	9.934	105	324	0.019	ug/L #	69
61) 1,2,3-Trichloropropane	10.381	75	846	0.345	ug/L #	76
62) 1,3,5-Trimethylbenzene	10.532	105	119	0.008	ug/L #	27
63) 1,2,4-Trimethylbenzene	10.918	105	1365	0.093	ug/L #	74
68) 1,2-Dibromo-3-chloropr...	12.249	75	1945	3.265	ug/L #	8

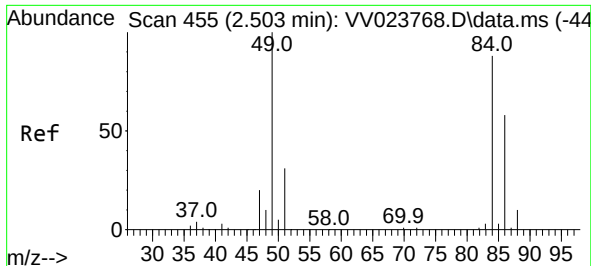
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120221\
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Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

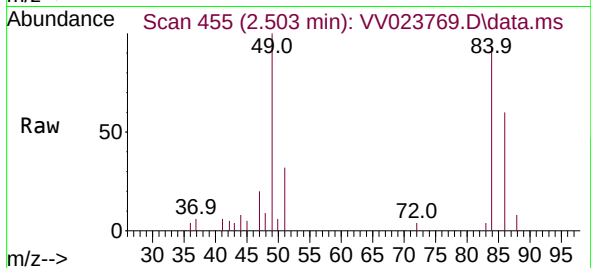
Quant Time: Dec 03 01:58:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 01:58:06 2021
Response via : Initial Calibration



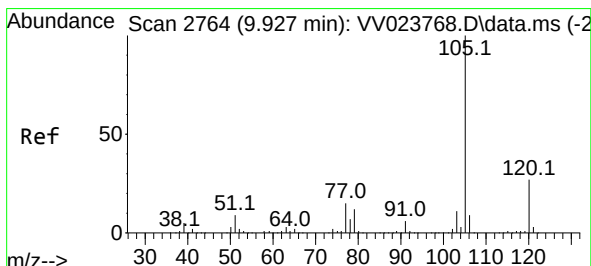
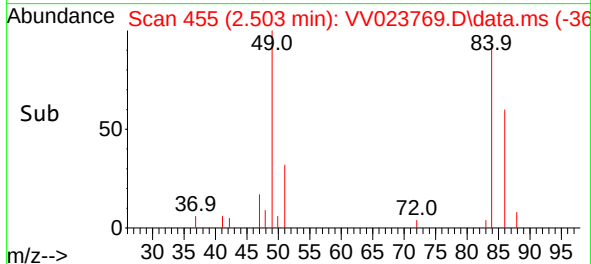
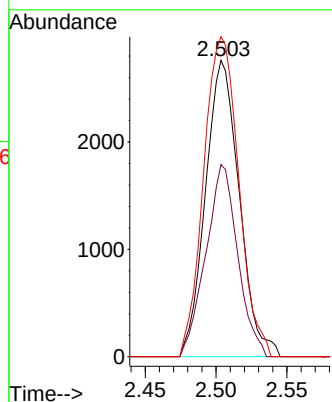


#16
Methylene chloride
Concen: 0.879 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023769.D
Acq: 02 Dec 2021 10:18

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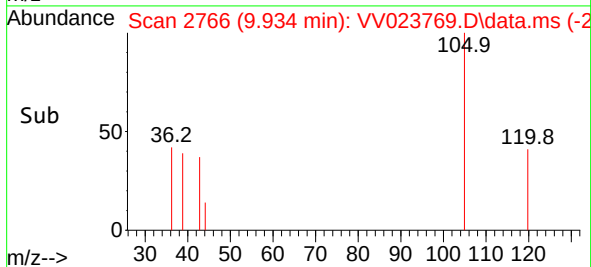
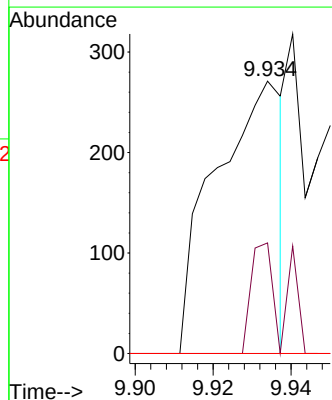
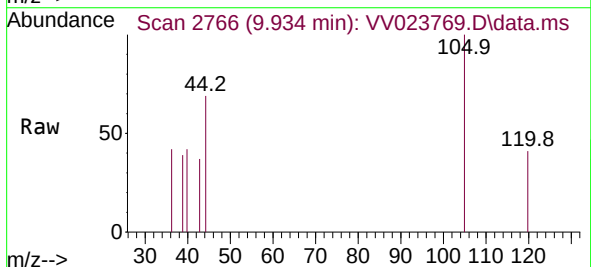


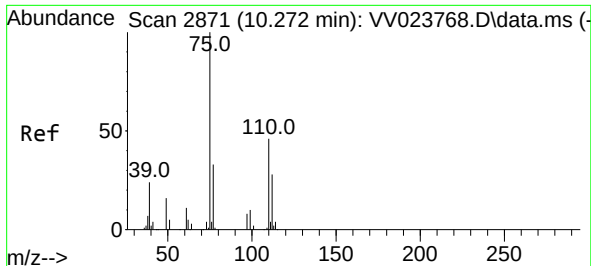
Tgt Ion: 84 Resp: 4585
Ion Ratio Lower Upper
84 100
86 64.8 45.3 84.1
49 108.0 81.8 152.0



#60
Isopropylbenzene
Concen: 0.019 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV023769.D
Acq: 02 Dec 2021 10:18

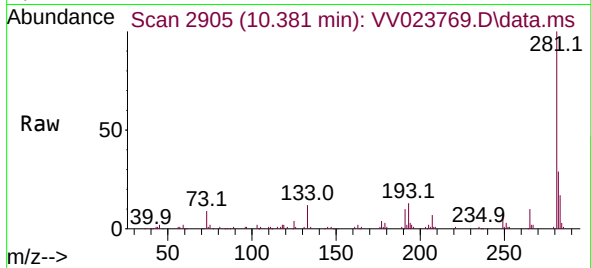
Tgt Ion: 105 Resp: 324
Ion Ratio Lower Upper
105 100
120 12.7 21.6 32.4#
77 0.0 11.9 17.9#



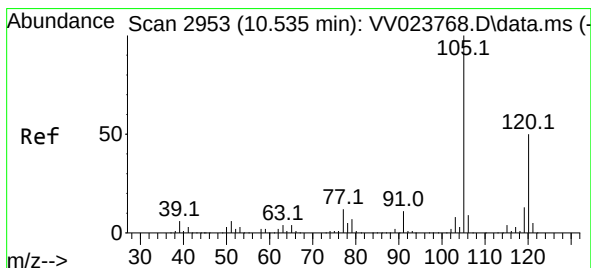
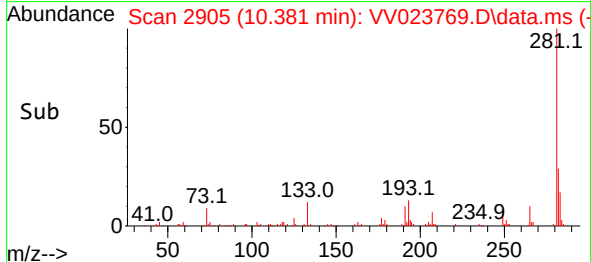
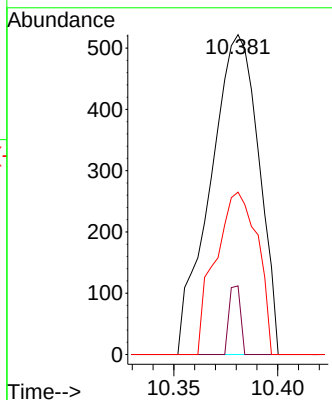


#61
1,2,3-Trichloropropane
Concen: 0.345 ug/L
RT: 10.381 min Scan# 2905
Delta R.T. 0.109 min
Lab File: VV023769.D
Acq: 02 Dec 2021 10:18

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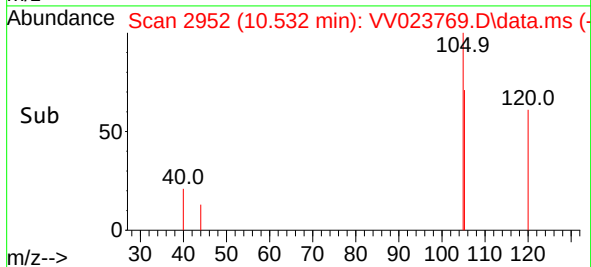
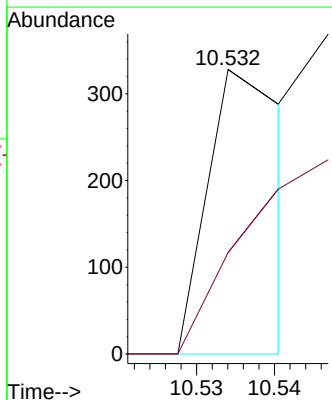
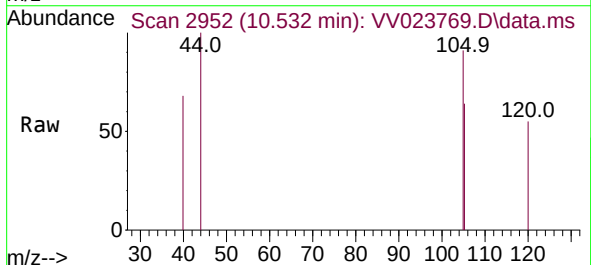


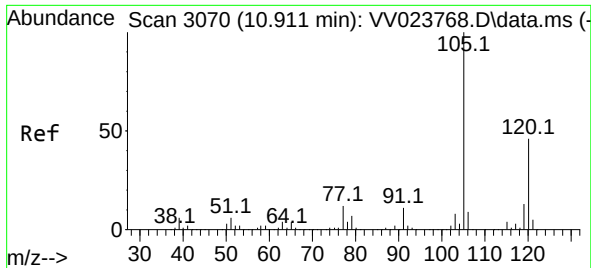
Tgt Ion: 75 Resp: 846
Ion Ratio Lower Upper
75 100
77 5.1 27.0 40.6#
110 44.1 33.7 50.5



#62
1,3,5-Trimethylbenzene
Concen: 0.008 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VV023769.D
Acq: 02 Dec 2021 10:18

Tgt Ion: 105 Resp: 119
Ion Ratio Lower Upper
105 100
120 0.0 40.0 60.0#

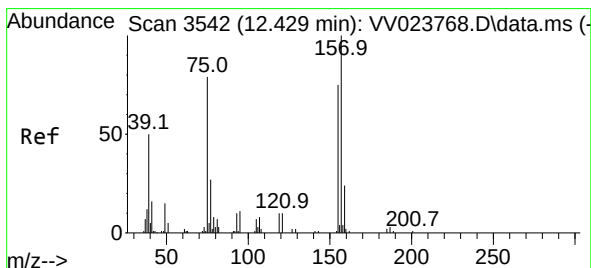
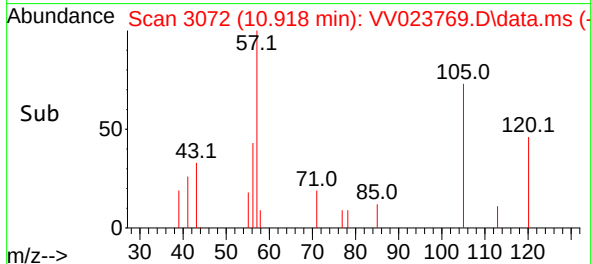
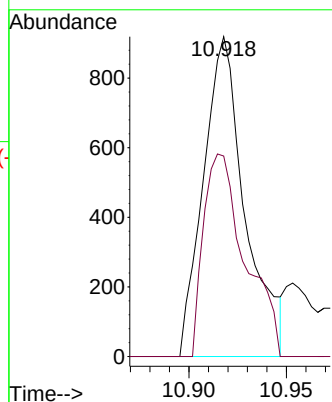
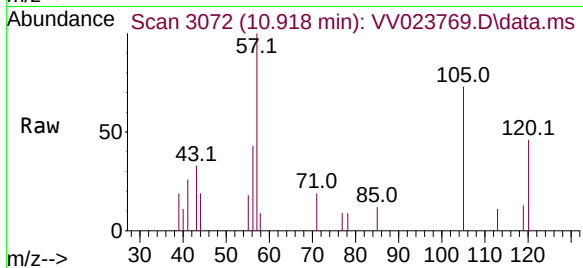




#63
 1,2,4-Trimethylbenzene
 Concen: 0.093 ug/L
 RT: 10.918 min Scan# 3070
 Delta R.T. 0.006 min
 Lab File: VV023769.D
 Acq: 02 Dec 2021 10:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 1365
 Ion Ratio Lower Upper
 105 100
 120 63.2 36.7 55.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 3.265 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.180 min
 Lab File: VV023769.D
 Acq: 02 Dec 2021 10:18

Tgt Ion: 75 Resp: 1945
 Ion Ratio Lower Upper
 75 100
 155 17.9 71.0 106.4#
 157 0.0 90.1 135.1#

