

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060070.D
 Acq On : 19 Jul 2024 19:05
 Operator : MD/SY
 Sample : P3298-02DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 01:42:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

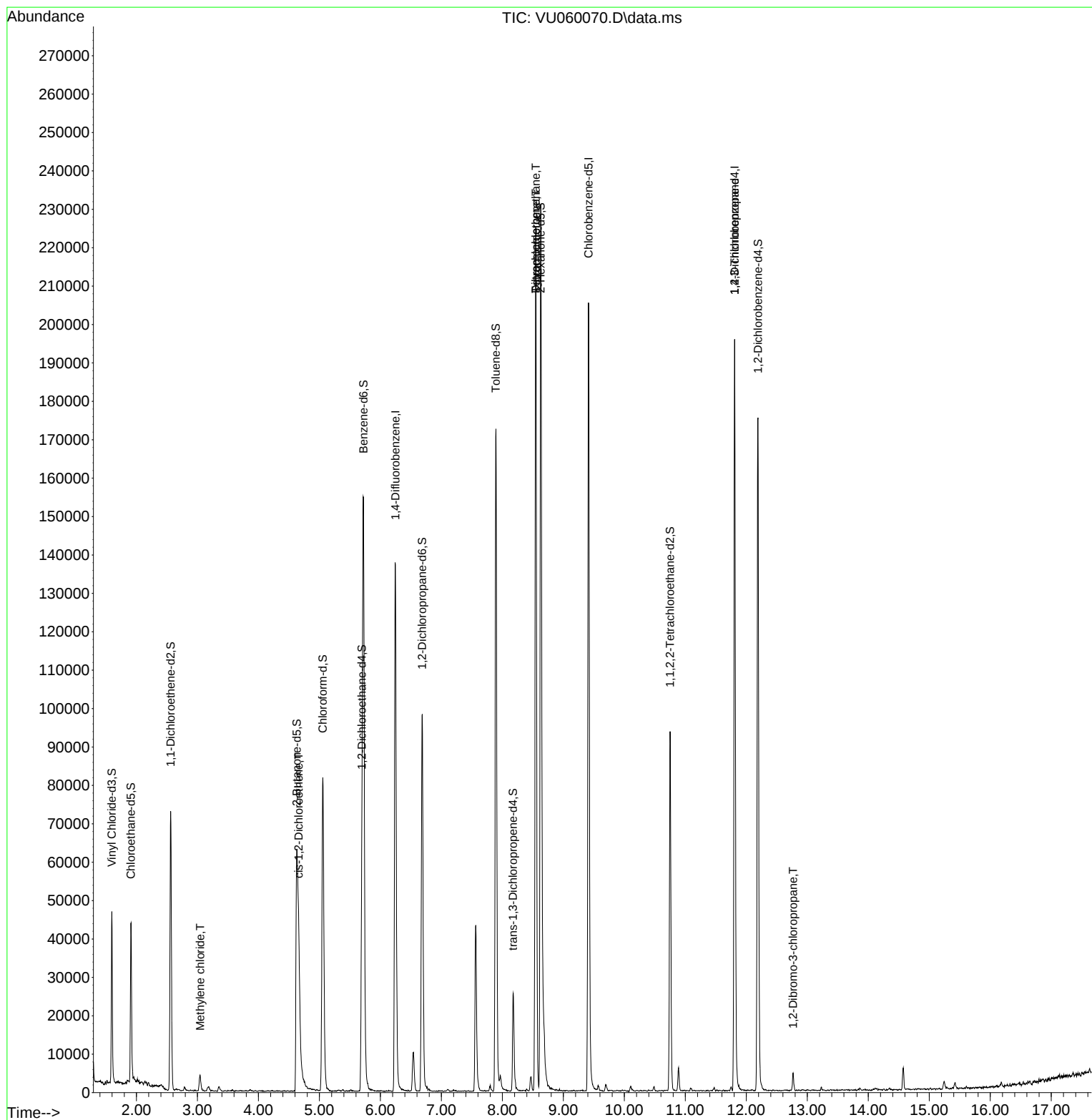
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	123356	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	126029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57673	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31990	3.727	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.908	69	33719	4.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.560	65	13051	3.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.628	46	105283	52.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.940%
24) Chloroform-d	5.055	84	79354	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	41302	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	153157	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.685	67	50814	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.891	98	126044	4.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.174	79	16370	4.469	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	86913	53.475	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.960%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48516	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	52803	5.072	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
16) Methylene chloride	3.043	84	2548	0.221	ug/L	77
22) cis-1,2-Dichloroethene	4.660	96	10512	0.958	ug/L	96
47) Tetrachloroethene	8.547	164	54023	5.917	ug/L	98
49) Dibromochloromethane	8.547	129	49217	5.177	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	6092	1.002	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.766	75	106	0.089	ug/L #	1

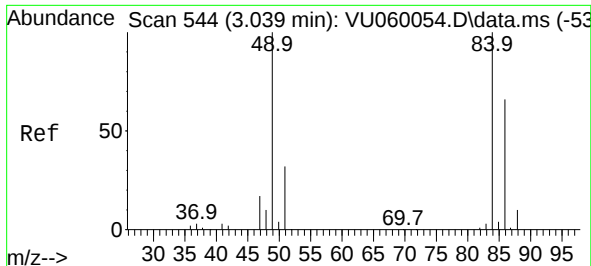
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060070.D
Acq On : 19 Jul 2024 19:05
Operator : MD/SY
Sample : P3298-02DL 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 20 01:42:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 20 01:37:26 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.221 ug/L

RT: 3.043 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU060070.D

Acq: 19 Jul 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

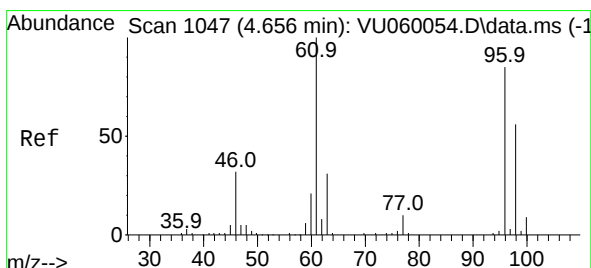
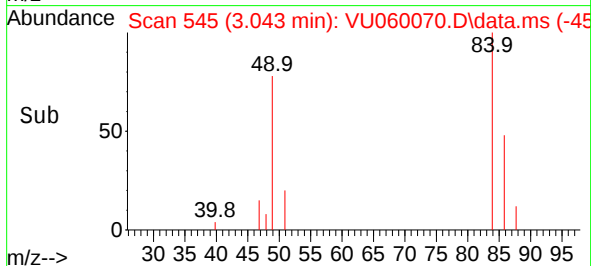
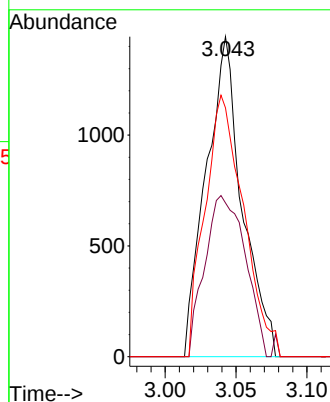
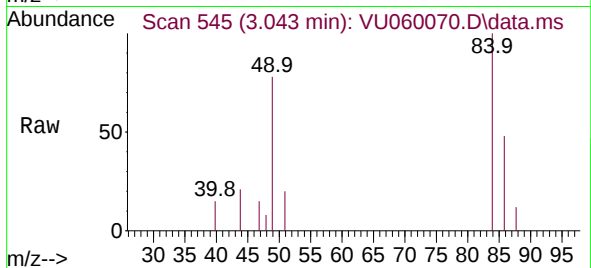
Tgt Ion: 84 Resp: 2548

Ion Ratio Lower Upper

84 100

86 48.1 44.4 82.5

49 77.8 72.0 133.6



#22

cis-1,2-Dichloroethene

Concen: 0.958 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU060070.D

Acq: 19 Jul 2024 19:05

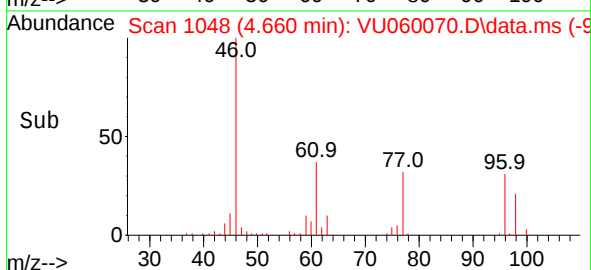
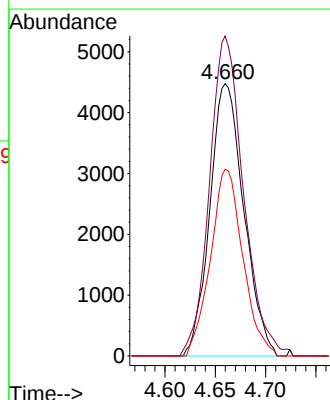
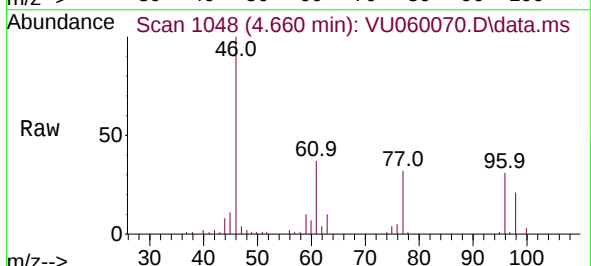
Tgt Ion: 96 Resp: 10512

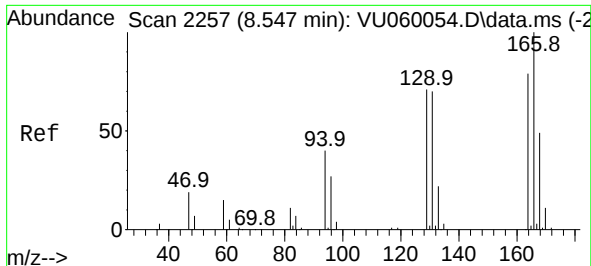
Ion Ratio Lower Upper

96 100

61 117.5 80.2 148.9

98 68.6 44.7 83.1





#47

Tetrachloroethene

Concen: 5.917 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

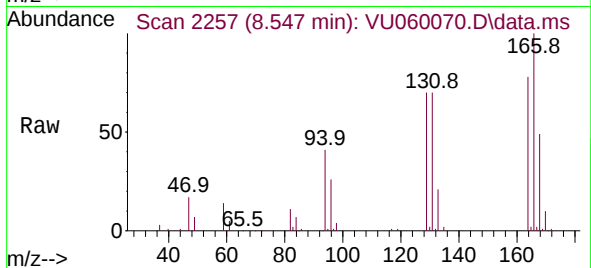
Lab File: VU060070.D

Acq: 19 Jul 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 54023

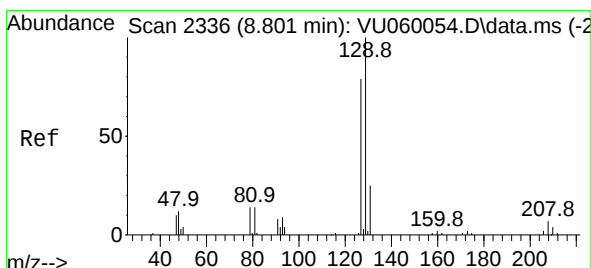
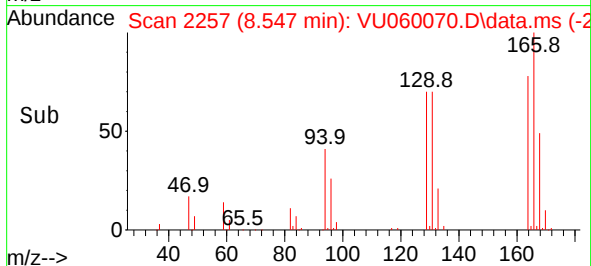
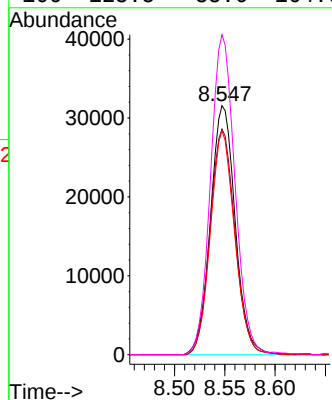
Ion Ratio Lower Upper

164 100

129 90.6 64.6 120.0

131 90.0 61.2 113.8

166 128.5 88.6 164.6



#49

Dibromochloromethane

Concen: 5.177 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060070.D

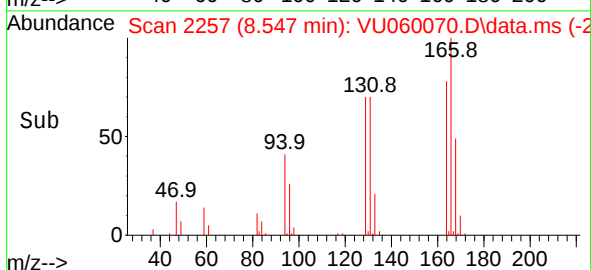
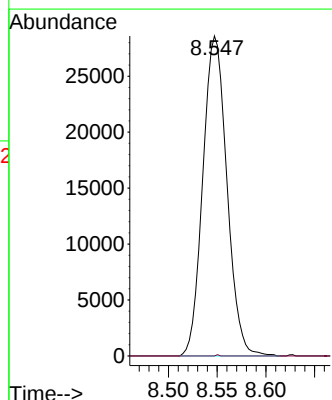
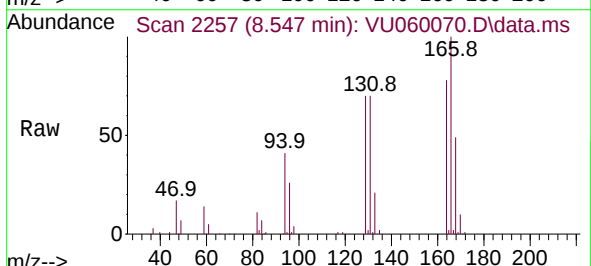
Acq: 19 Jul 2024 19:05

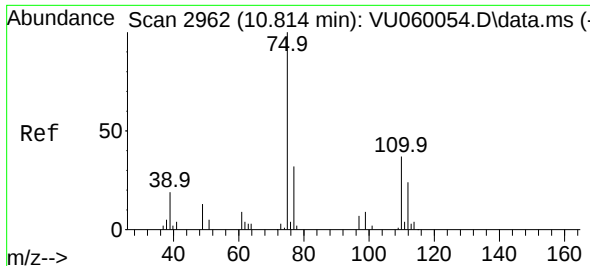
Tgt Ion:129 Resp: 49217

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#





#61

1,2,3-Trichloropropane

Concen: 1.002 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU060070.D

Acq: 19 Jul 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

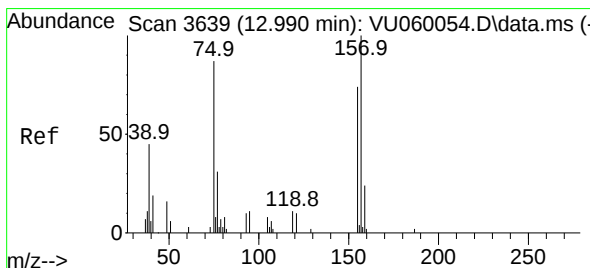
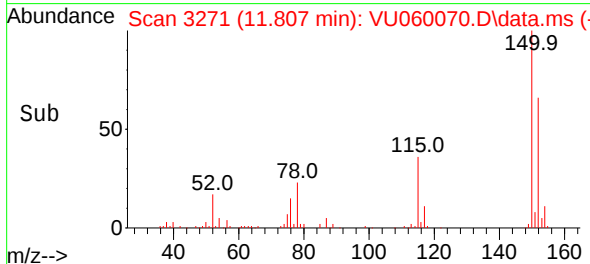
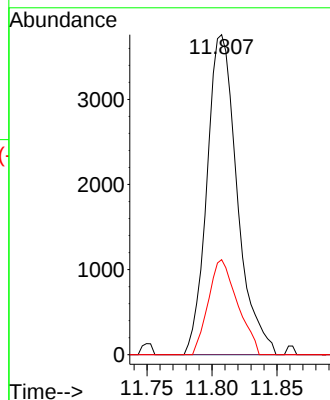
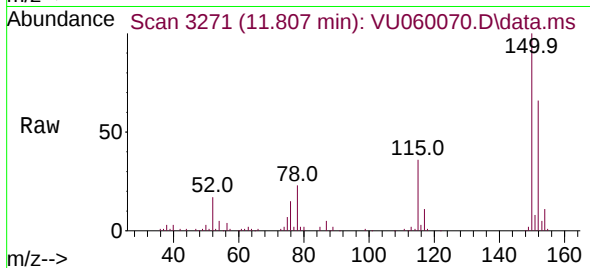
Tgt Ion: 75 Resp: 6092

Ion Ratio Lower Upper

75 100

110 0.0 30.8 46.2#

77 28.5 26.2 39.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.089 ug/L

RT: 12.766 min Scan# 3569

Delta R.T. -0.225 min

Lab File: VU060070.D

Acq: 19 Jul 2024 19:05

Tgt Ion: 75 Resp: 106

Ion Ratio Lower Upper

75 100

155 0.0 70.6 105.8#

157 0.0 99.4 149.2#

