

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051055.D
 Acq On : 30 Sep 2022 23:56
 Operator : JC/MD
 Sample : N4869-02DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 04:30:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

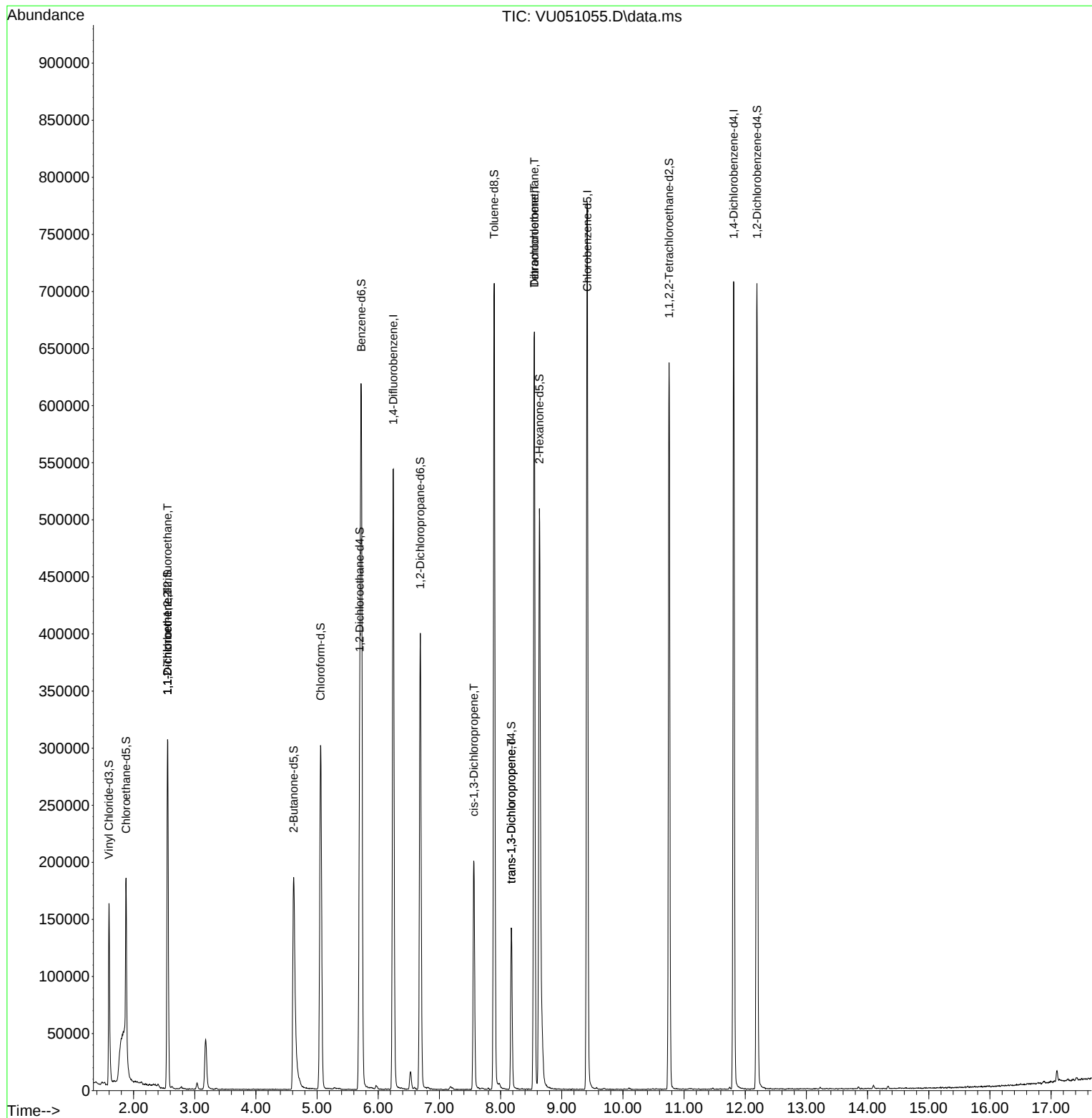
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	431965	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	432292	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	183286	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	133927	30.593	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.180%
7) Chloroethane-d5	1.877	69	124725	30.671	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.340%#
11) 1,1-Dichloroethene-d2	2.555	63	180316	27.884	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.760%#
21) 2-Butanone-d5	4.616	46	279219	98.339	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.340%
24) Chloroform-d	5.057	84	284487	40.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.680%
26) 1,2-Dichloroethane-d4	5.697	65	188517	43.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.360%
32) Benzene-d6	5.723	84	567715	44.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.700%
36) 1,2-Dichloropropane-d6	6.687	67	195901	47.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.380%
41) Toluene-d8	7.896	98	476694	40.757	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	8.176	79	79478	40.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.120%
47) 2-Hexanone-d5	8.636	63	167176	100.790	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.790%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	326488	45.477	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.960%
66) 1,2-Dichlorobenzene-d4	12.192	152	180561	46.114	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.220%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	1945	0.590	ug/L #	21
12) 1,1-Dichloroethene	2.555	96	1618	0.525	ug/L #	1
39) cis-1,3-Dichloropropene	7.562	75	4831	0.961	ug/L	86
44) trans-1,3-Dichloropropene	8.176	75	3224	0.634	ug/L	84
46) Tetrachloroethene	8.552	164	143902	55.627	ug/L	97
49) Dibromochloromethane	8.552	129	142404	35.233	ug/L #	12

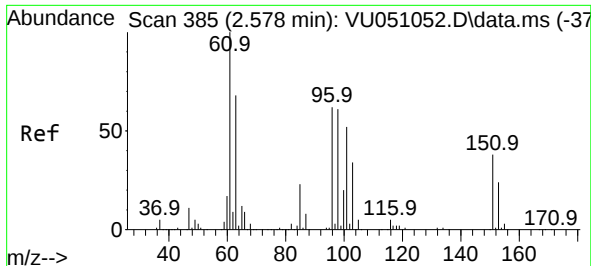
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 01 03:04:59 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.590 ug/L

RT: 2.555 min Scan# 31

Delta R.T. -0.023 min

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Acq: 30 Sep 2022 23:56

Instrument :

MSVOA_U

ClientSampleId :

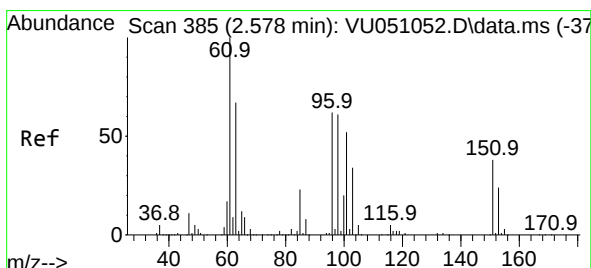
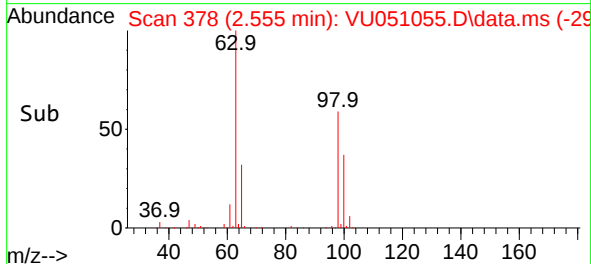
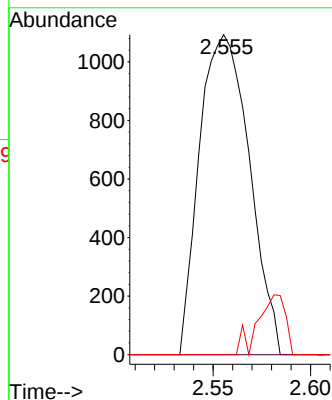
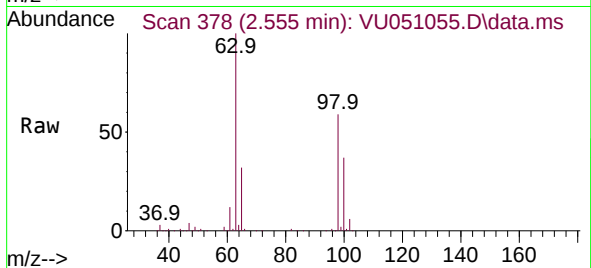
Tgt Ion:101 Resp: 1945

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 1.0 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.525 ug/L

RT: 2.555 min Scan# 378

Delta R.T. -0.023 min

Lab File: VU051055.D

Acq: 30 Sep 2022 23:56

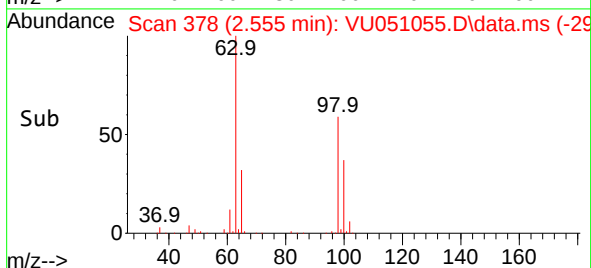
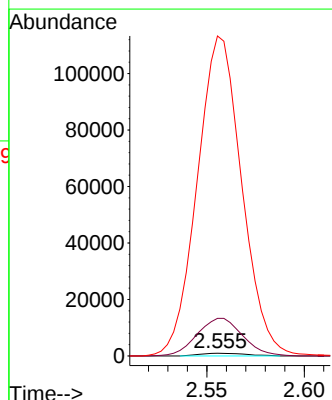
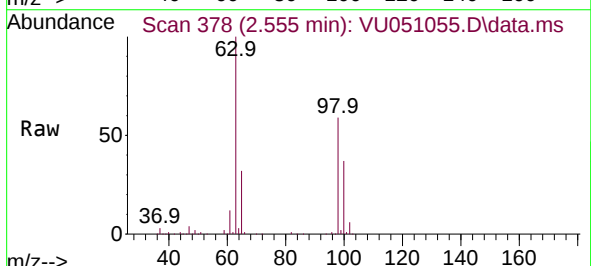
Tgt Ion: 96 Resp: 1618

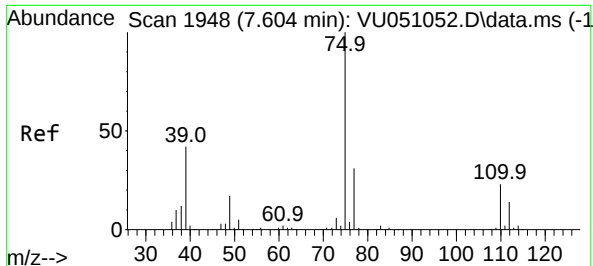
Ion Ratio Lower Upper

96 100

61 1380.7 113.0 209.9#

63 11754.4 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 0.961 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU051055.D

Acq: 30 Sep 2022 23:56

Instrument :

MSVOA_U

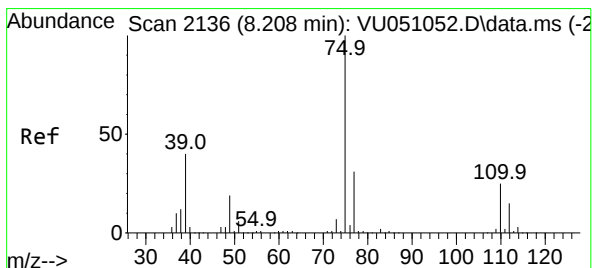
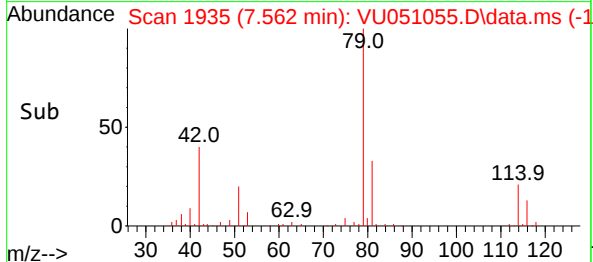
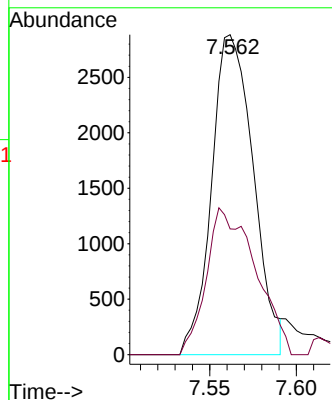
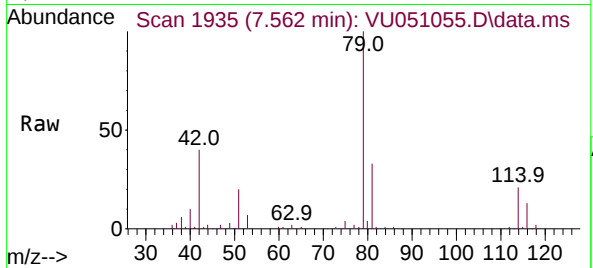
ClientSampleId :

Tgt Ion: 75 Resp: 4831

Ion Ratio Lower Upper

75 100

77 39.3 22.0 41.0



#44

trans-1,3-Dichloropropene

Concen: 0.634 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051055.D

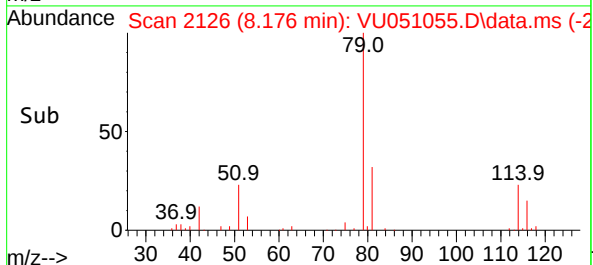
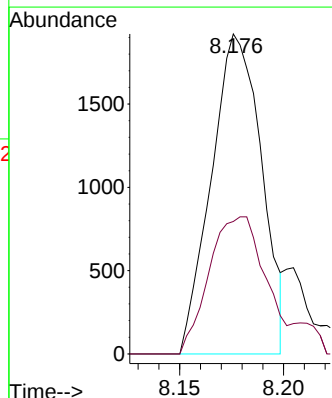
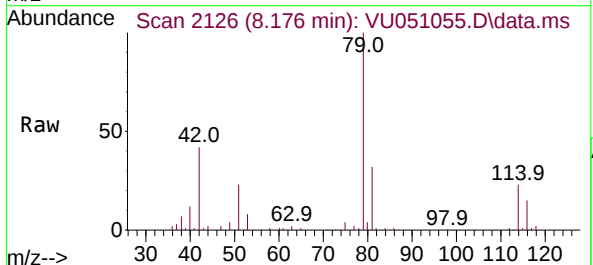
Acq: 30 Sep 2022 23:56

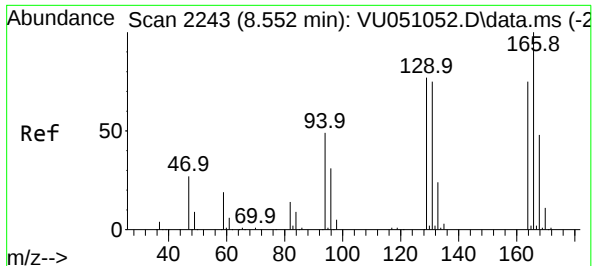
Tgt Ion: 75 Resp: 3224

Ion Ratio Lower Upper

75 100

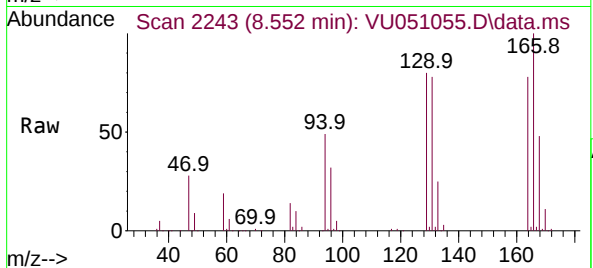
77 41.4 22.7 42.3



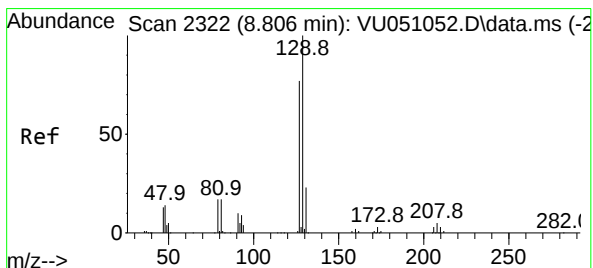
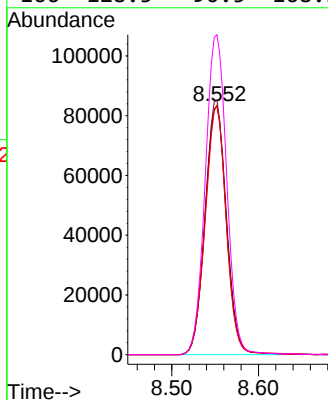
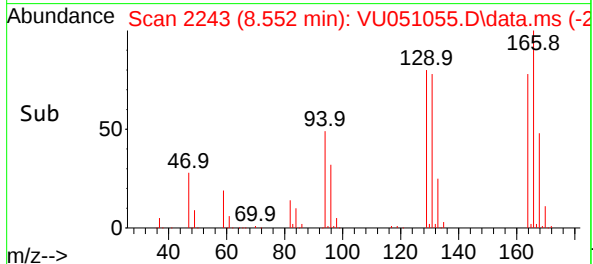


#46
Tetrachloroethene
Concen: 55.627 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051055.D
Acq: 30 Sep 2022 23:56

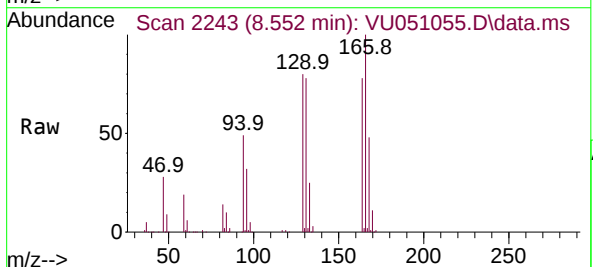
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 143902
Ion Ratio Lower Upper
164 100
129 102.2 68.1 126.5
131 100.0 67.8 126.0
166 128.5 90.5 168.1



#49
Dibromochloromethane
Concen: 35.233 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051055.D
Acq: 30 Sep 2022 23:56



Tgt Ion:129 Resp: 142404
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.0#

