

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051071.D
 Acq On : 01 Oct 2022 06:09
 Operator : JC/MD
 Sample : N4880-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:03:03 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)

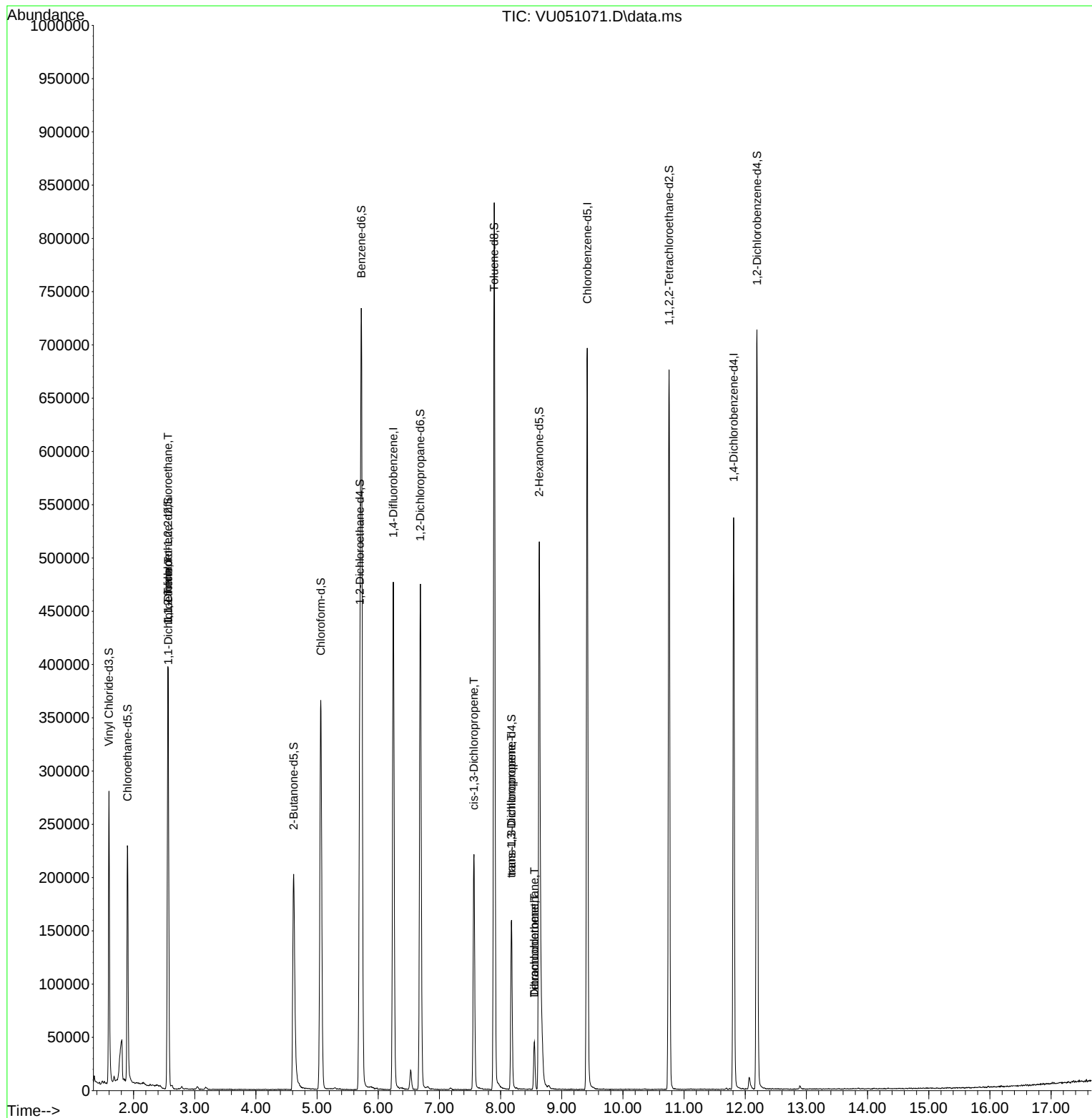
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	375606	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	381650	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	139371	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	200848	52.764	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.520%
7) Chloroethane-d5	1.899	69	172602	48.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.620%
11) 1,1-Dichloroethene-d2	2.562	63	234589	41.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.440%
21) 2-Butanone-d5	4.616	46	284380	115.185	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.190%
24) Chloroform-d	5.060	84	337664	55.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.120%
26) 1,2-Dichloroethane-d4	5.700	65	222489	58.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.220%
32) Benzene-d6	5.726	84	674732	60.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.740%
36) 1,2-Dichloropropane-d6	6.687	67	228729	63.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.140%#
41) Toluene-d8	7.896	98	551023	53.363	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.720%
43) trans-1,3-Dichloroprop...	8.179	79	88678	51.266	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.540%
47) 2-Hexanone-d5	8.632	63	150486	102.767	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.770%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	344492	54.353	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	184996	62.134	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.260%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2136	0.745	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	1794	0.670	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	5426	1.223	ug/L #	76
44) trans-1,3-Dichloropropene	8.176	75	3792	0.845	ug/L	87
46) Tetrachloroethene	8.552	164	10036	4.394	ug/L	97
49) Dibromochloromethane	8.552	129	9559	2.679	ug/L #	12

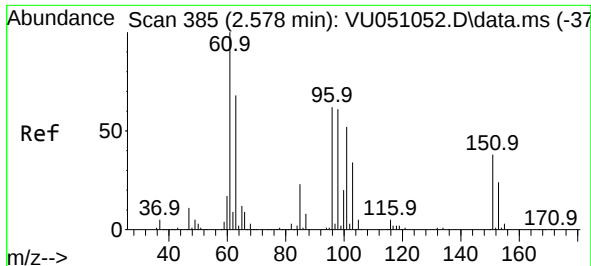
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

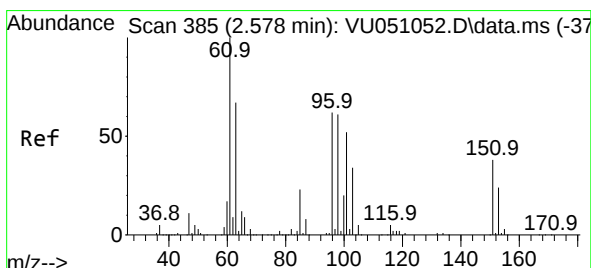
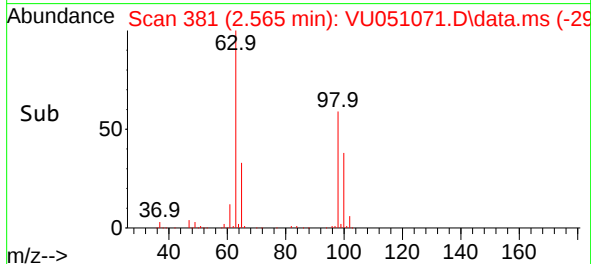
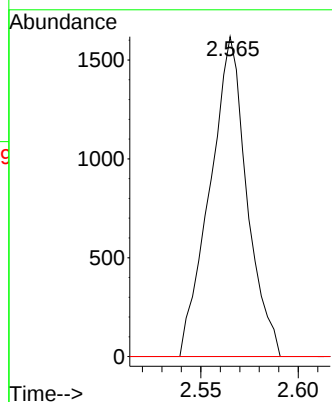
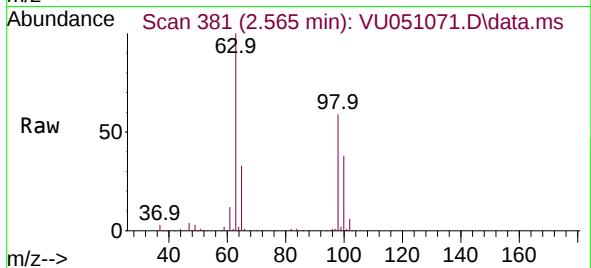




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.745 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051071.D
 Acq: 01 Oct 2022 06:09

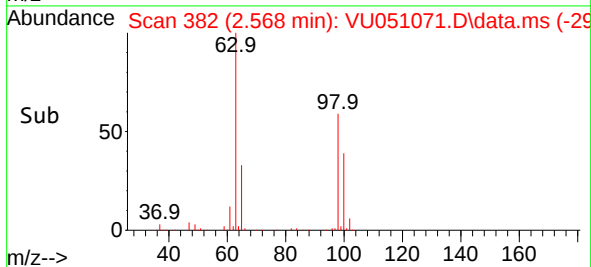
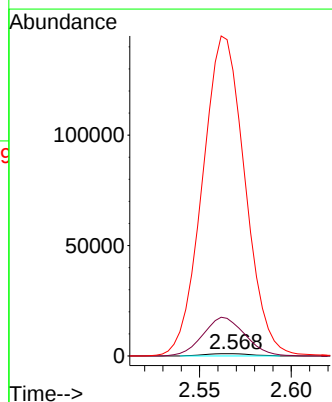
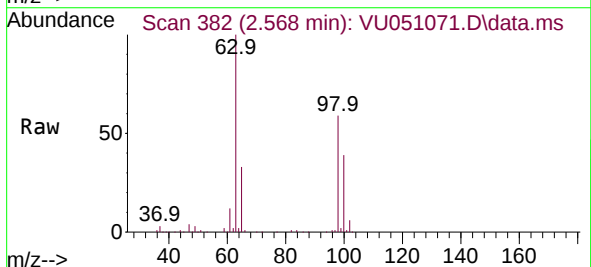
Instrument :
 MSVOA_U
 ClientSampleId :

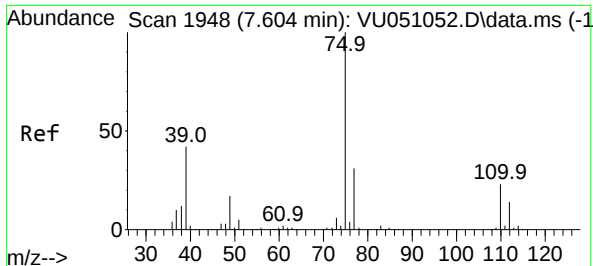
Tgt Ion:101 Resp: 2136
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.670 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051071.D
 Acq: 01 Oct 2022 06:09

Tgt Ion: 96 Resp: 1794
 Ion Ratio Lower Upper
 96 100
 61 1488.0 113.0 209.9#
 63 12793.7 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 1.223 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU051071.D

Acq: 01 Oct 2022 06:09

Instrument :

MSVOA_U

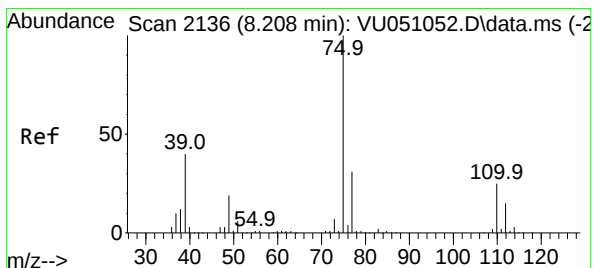
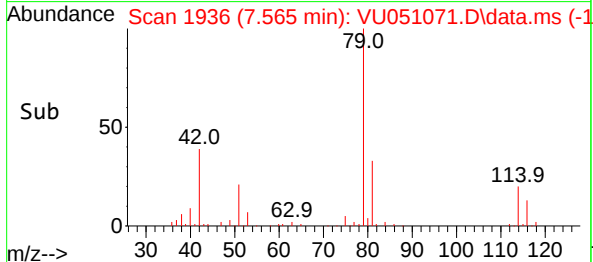
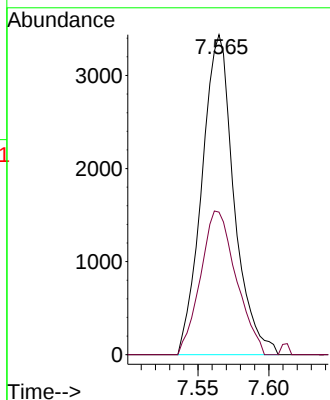
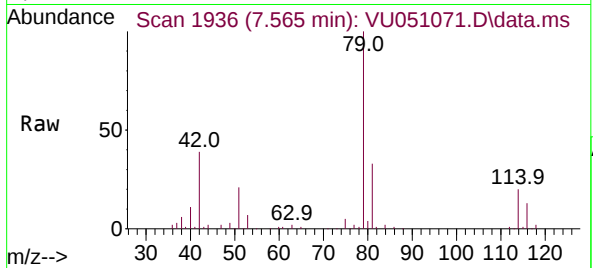
ClientSampleId :

Tgt Ion: 75 Resp: 5426

Ion Ratio Lower Upper

75 100

77 44.5 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.845 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051071.D

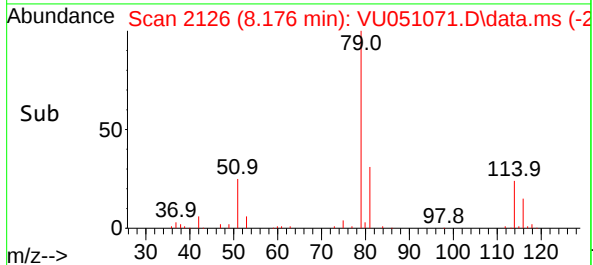
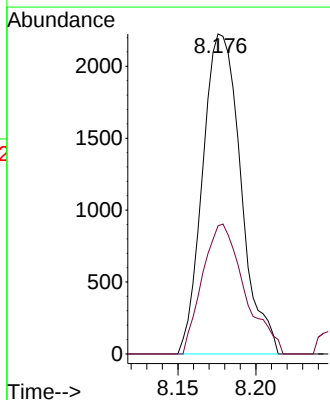
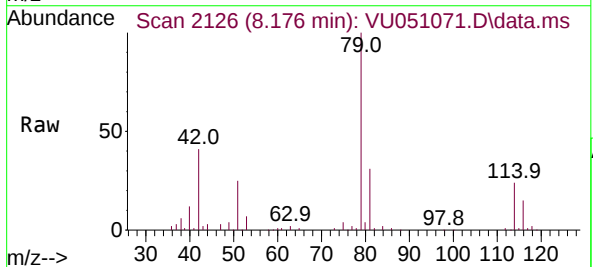
Acq: 01 Oct 2022 06:09

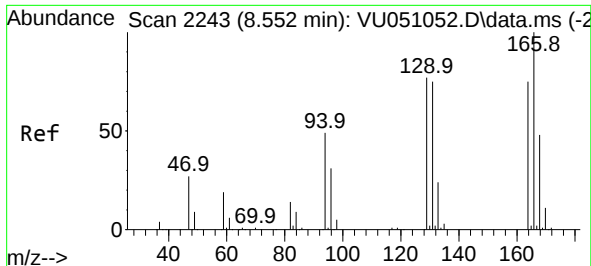
Tgt Ion: 75 Resp: 3792

Ion Ratio Lower Upper

75 100

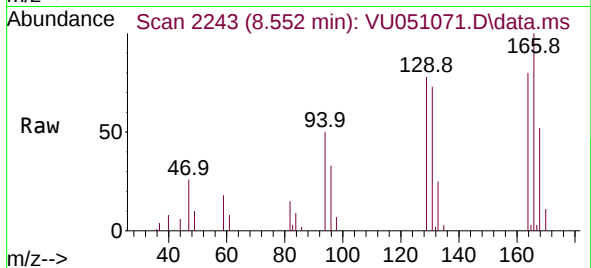
77 40.0 22.7 42.3



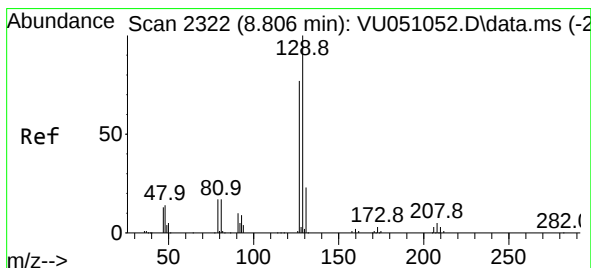
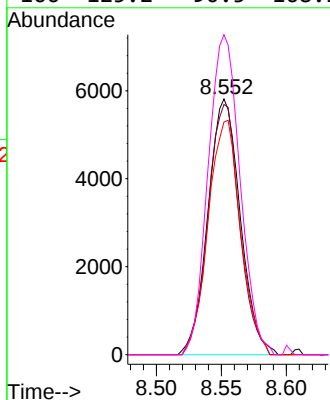
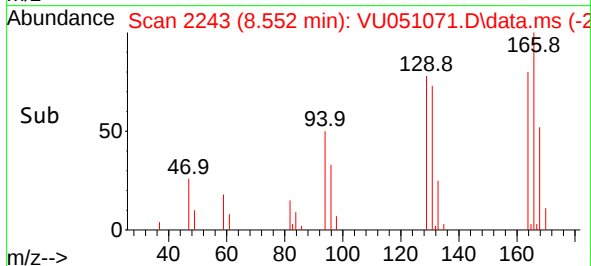


#46
Tetrachloroethene
Concen: 4.394 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051071.D
Acq: 01 Oct 2022 06:09

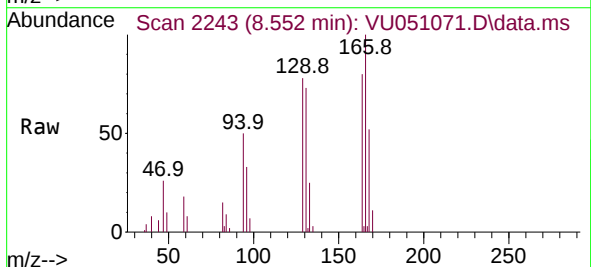
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 10036
Ion Ratio Lower Upper
164 100
129 97.9 68.1 126.5
131 91.0 67.8 126.0
166 125.2 90.5 168.1



#49
Dibromochloromethane
Concen: 2.679 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051071.D
Acq: 01 Oct 2022 06:09



Tgt Ion:129 Resp: 9559
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.0#

