

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057625.D
 Acq On : 24 Jan 2024 17:44
 Operator : MD/SY
 Sample : P1228-14DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:55:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 01:52:13 2024
 Response via : Initial Calibration

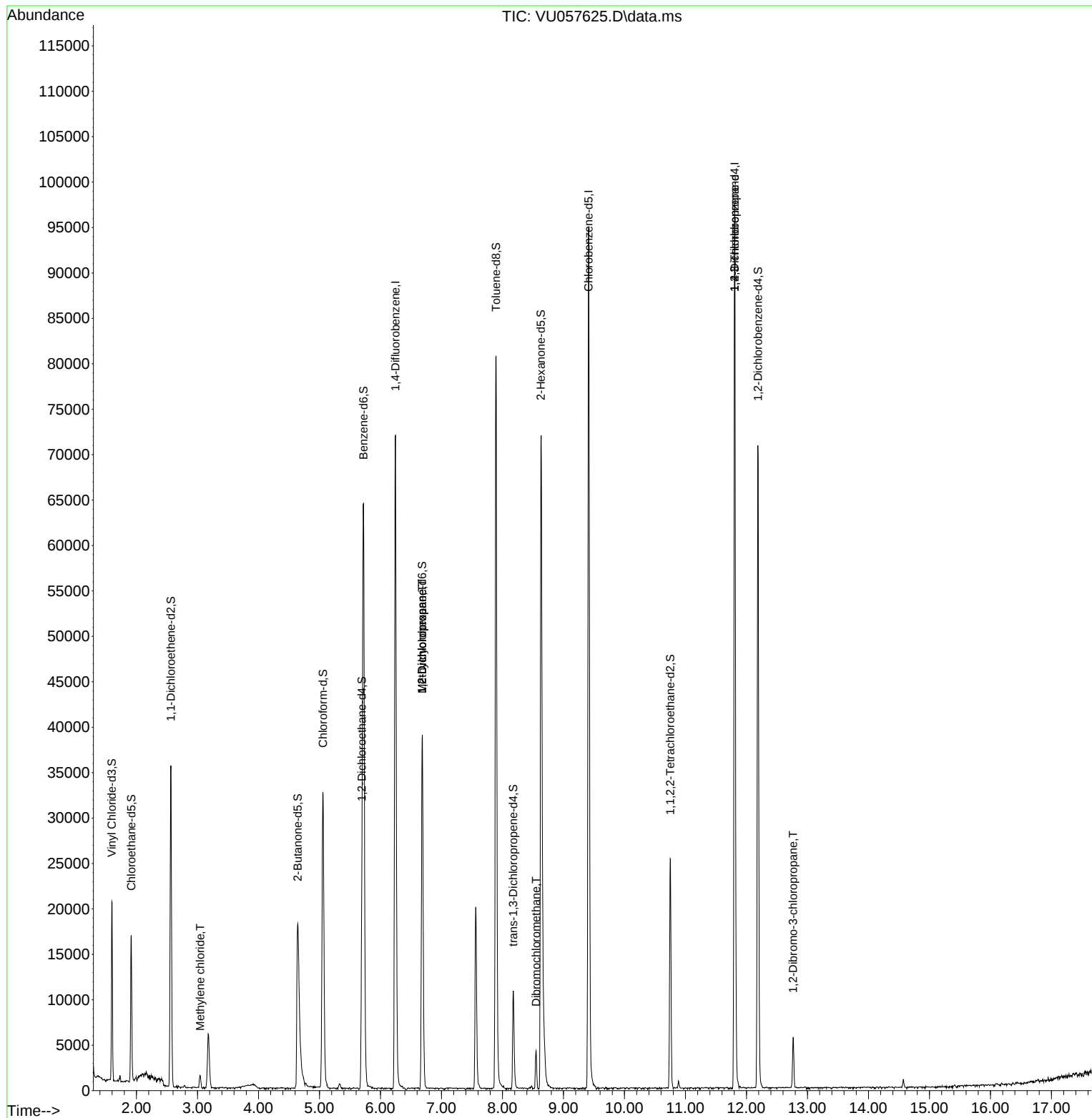
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	59932	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	54666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	25761	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	14062	4.259	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.200%	
7) Chloroethane-d5	1.914	69	11823	4.273	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.564	65	6676	4.300	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.000%	
20) 2-Butanone-d5	4.641	46	33922	54.455	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.920%	
24) Chloroform-d	5.055	84	30597	4.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.695	65	15073	4.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.721	84	60979	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.682	67	18977	4.907	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.894	98	56796	4.666	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	8.177	79	6955	4.512	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.631	63	25354	51.552	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.100%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	12301	4.745	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	18748	5.186	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
16) Methylene chloride	3.043	84	716	0.153	ug/L	93
35) Methylcyclohexane	6.682	83	4270	0.511	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2213	0.472	ug/L #	89
49) Dibromochloromethane	8.550	129	865	0.219	ug/L #	10
61) 1,2,3-Trichloropropane	11.808	75	3197	1.236	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.766	75	124	0.255	ug/L #	5

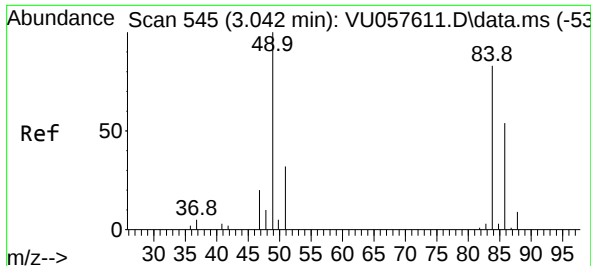
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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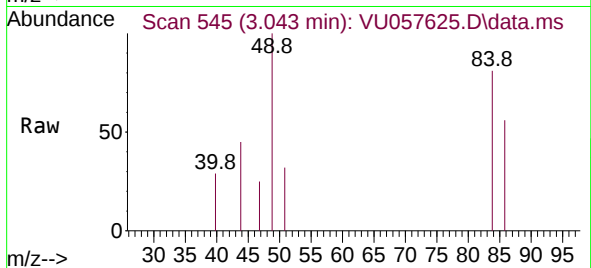
Quant Time: Jan 25 01:55:49 2024
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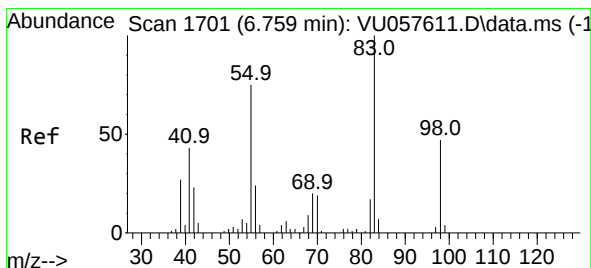
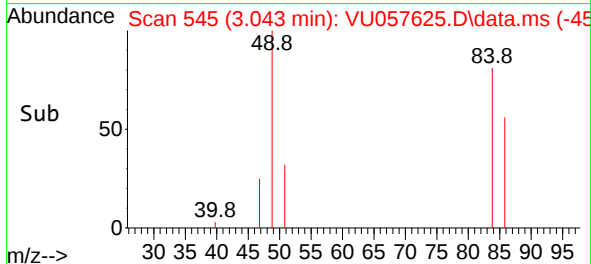
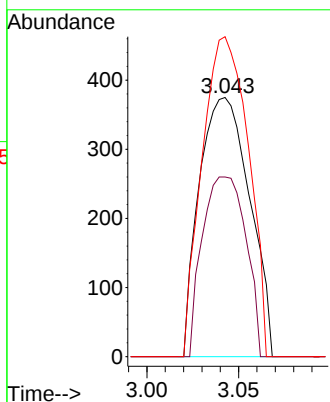


#16
Methylene chloride
Concen: 0.153 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057625.D
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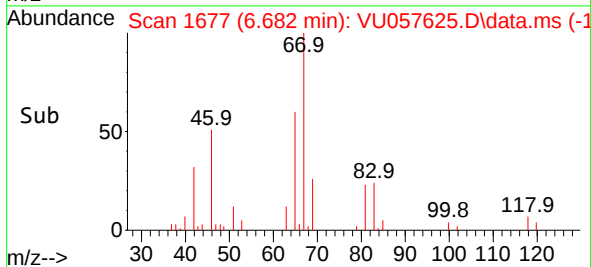
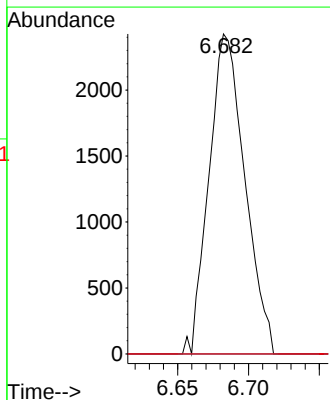
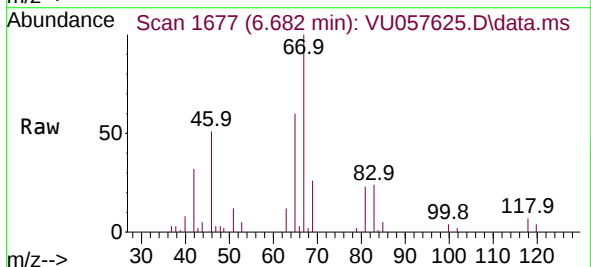


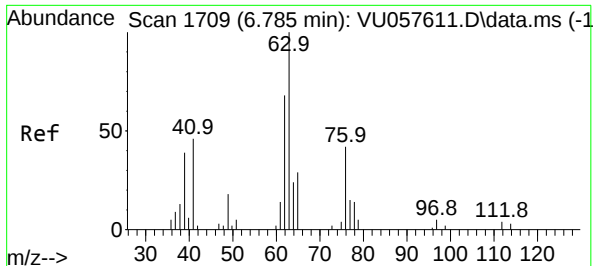
Tgt Ion: 84 Resp: 716
Ion Ratio Lower Upper
84 100
86 69.3 43.5 80.9
49 123.5 82.5 153.1



#35
Methylcyclohexane
Concen: 0.511 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057625.D
Acq: 24 Jan 2024 17:44

Tgt Ion: 83 Resp: 4270
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#

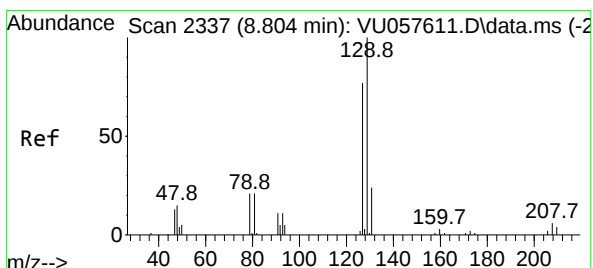
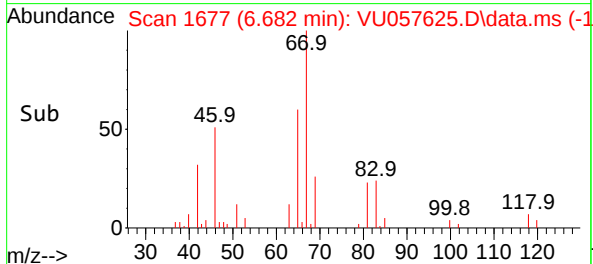
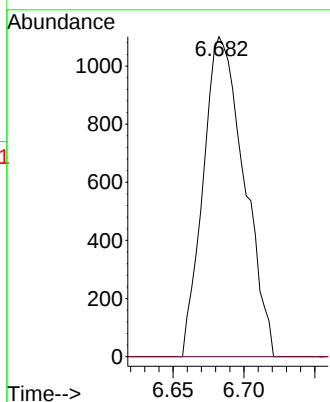
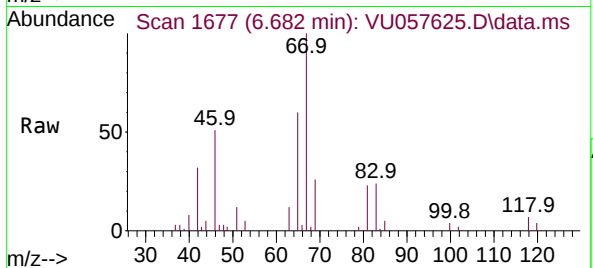




#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057625.D
Acq: 24 Jan 2024 17:44

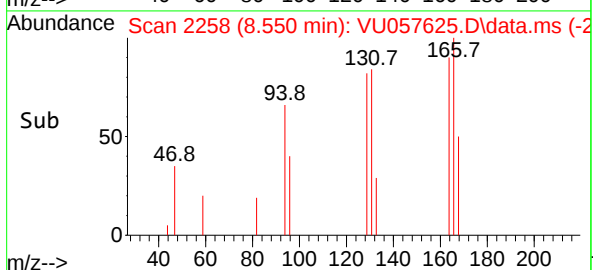
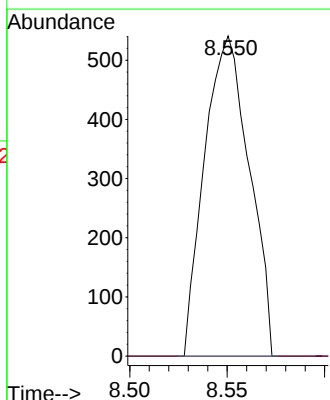
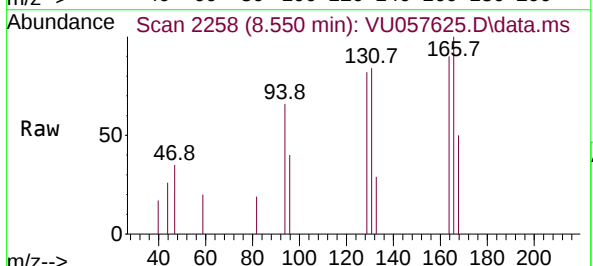
Instrument :
MSVOA_U
ClientSampleId :

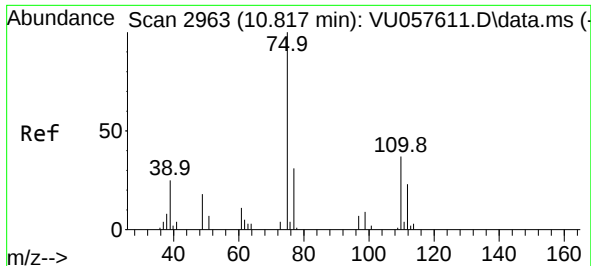
Tgt Ion: 63 Resp: 2213
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#49
Dibromochloromethane
Concen: 0.219 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU057625.D
Acq: 24 Jan 2024 17:44

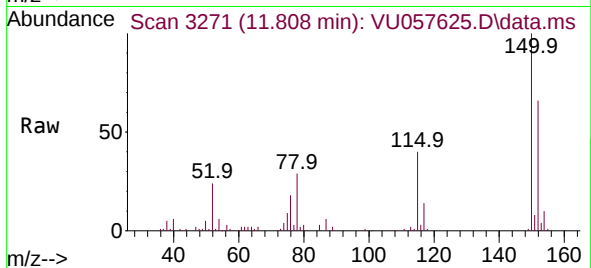
Tgt Ion: 129 Resp: 865
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



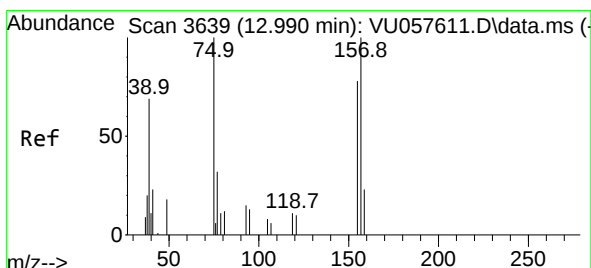
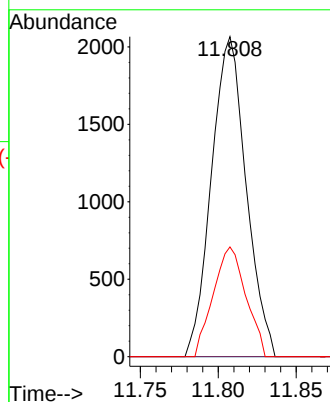
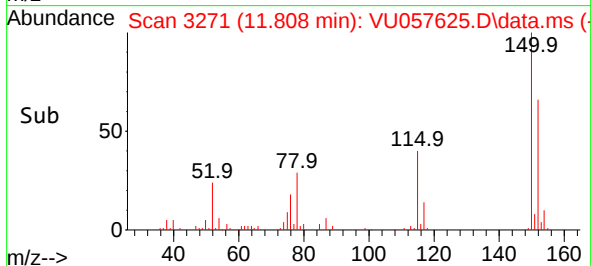


#61
1,2,3-Trichloropropane
Concen: 1.236 ug/L
RT: 11.808 min Scan# 3197
Delta R.T. 0.991 min
Lab File: VU057625.D
Acq: 24 Jan 2024 17:44

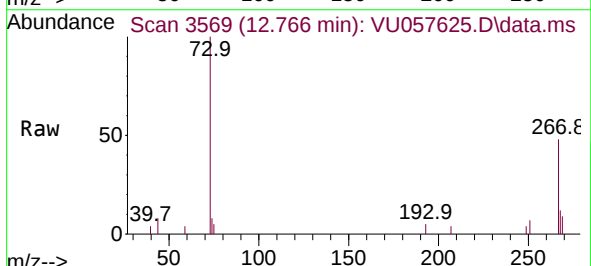
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3197
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 32.3 25.5 38.3



#68
1,2-Dibromo-3-chloropropane
Concen: 0.255 ug/L
RT: 12.766 min Scan# 3569
Delta R.T. -0.225 min
Lab File: VU057625.D
Acq: 24 Jan 2024 17:44



Tgt Ion: 75 Resp: 124
Ion Ratio Lower Upper
75 100
155 0.0 62.8 94.2#
157 0.0 78.9 118.3#

