

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120623\
 Data File : VU056668.D
 Acq On : 06 Dec 2023 16:57
 Operator : MD/SY
 Sample : 05642-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 04:54:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

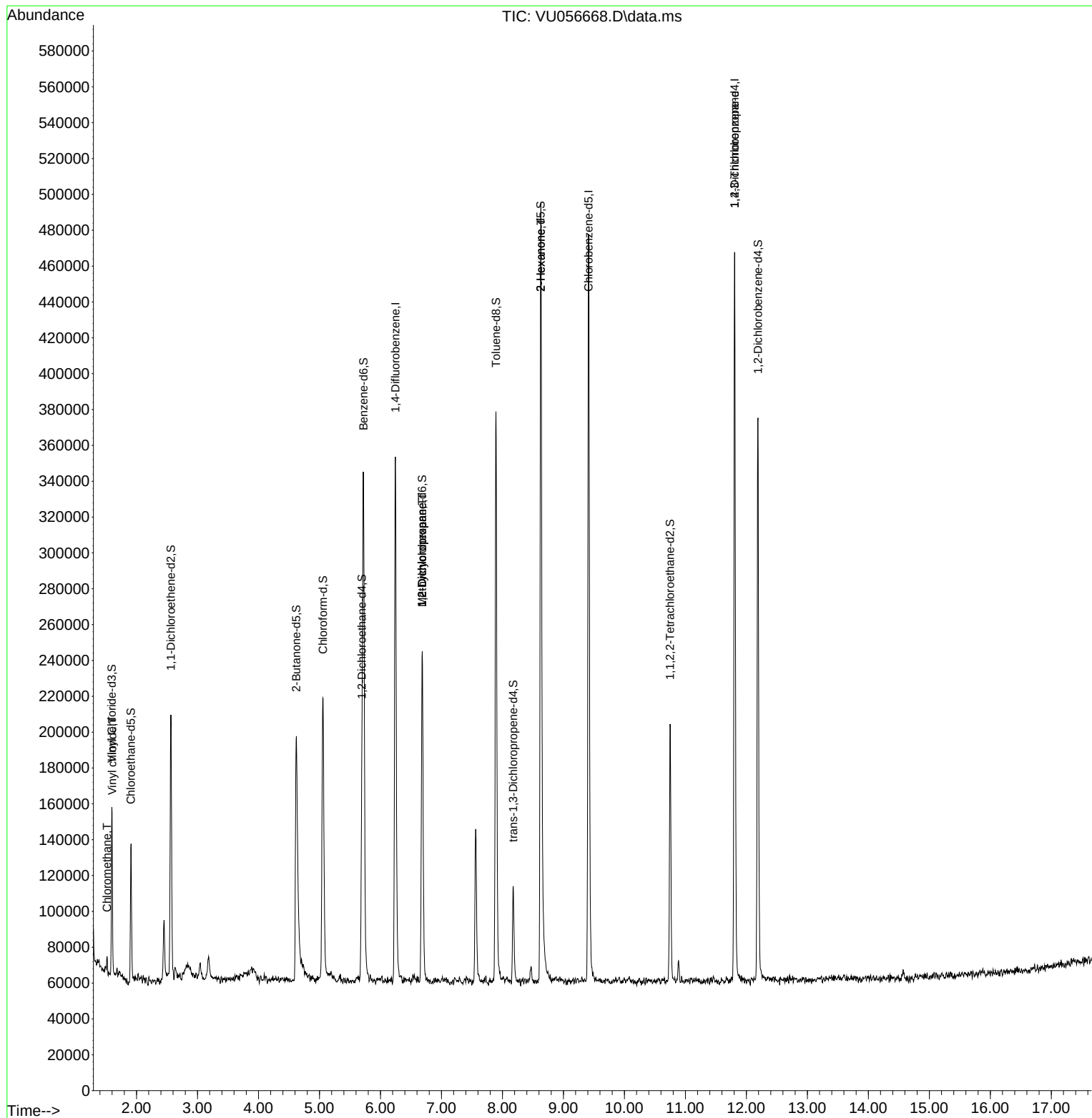
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238985	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	248519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	59090	3.306	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.200%	
7) Chloroethane-d5	1.907	69	54348	3.965	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.563	65	28597	3.625	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.600%	
20) 2-Butanone-d5	4.621	46	212637	59.657	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.320%	
24) Chloroform-d	5.058	84	152391	4.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.695	65	77311	4.839	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
32) Benzene-d6	5.721	84	273407	3.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.800%	
36) 1,2-Dichloropropane-d6	6.685	67	90513	4.056	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.200%	
41) Toluene-d8	7.894	98	219890	3.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.200%#	
43) trans-1,3-Dichloroprop...	8.177	79	32710	3.822	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.400%	
46) 2-Hexanone-d5	8.627	63	151482	45.039	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.080%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	72394	4.540	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	85631	4.184	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	4649	0.240	ug/L	88
5) Vinyl chloride	1.602	62	8805	0.472	ug/L #	57
35) Methylcyclohexane	6.685	83	20950	0.751	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9861	0.533	ug/L #	88
48) 2-Hexanone	8.630	43	19171	2.685	ug/L #	75
61) 1,2,3-Trichloropropane	11.807	75	12784	1.345	ug/L #	66

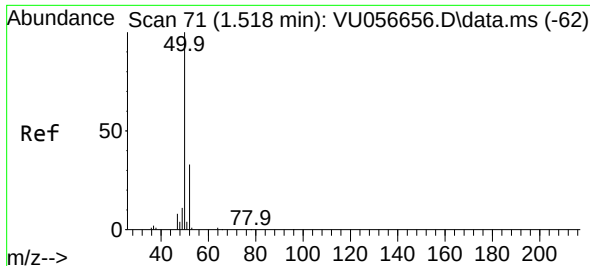
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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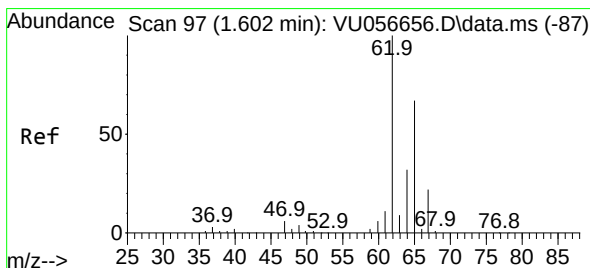
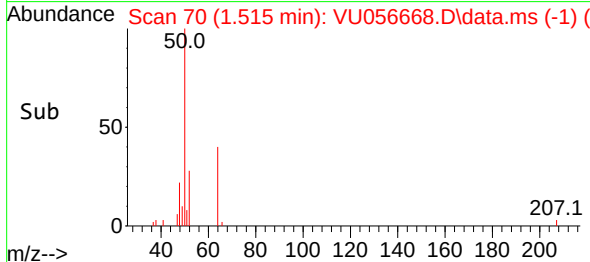
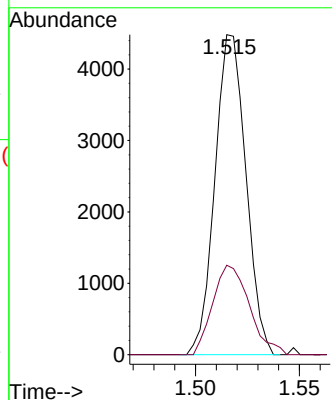
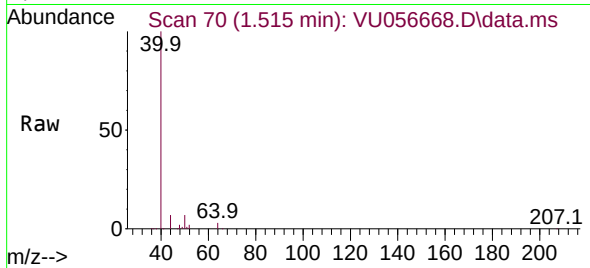




#3
Chloromethane
Concen: 0.240 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU056668.D
Acq: 06 Dec 2023 16:57

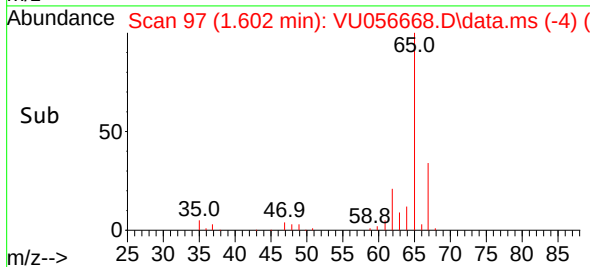
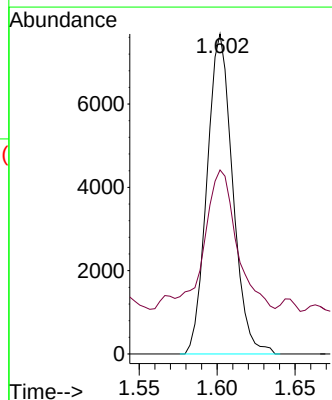
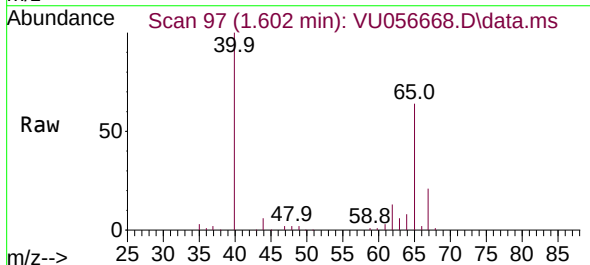
Instrument :
MSVOA_U
ClientSampleId :

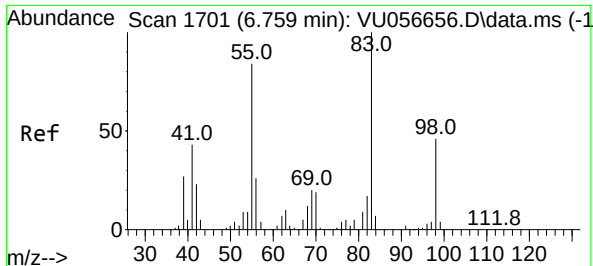
Tgt Ion: 50 Resp: 4649
Ion Ratio Lower Upper
50 100
52 27.9 24.3 45.1



#5
Vinyl chloride
Concen: 0.472 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU056668.D
Acq: 06 Dec 2023 16:57

Tgt Ion: 62 Resp: 8805
Ion Ratio Lower Upper
62 100
64 57.5 23.3 43.3#





#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056668.D

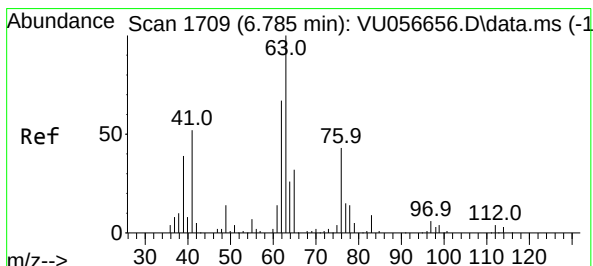
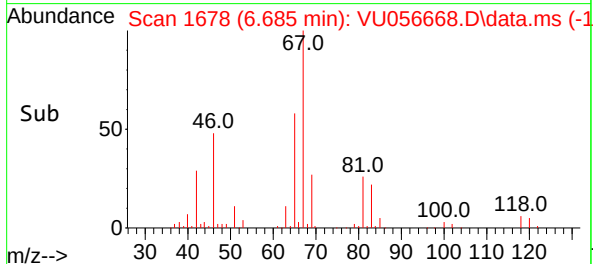
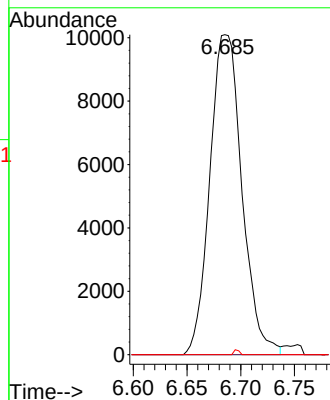
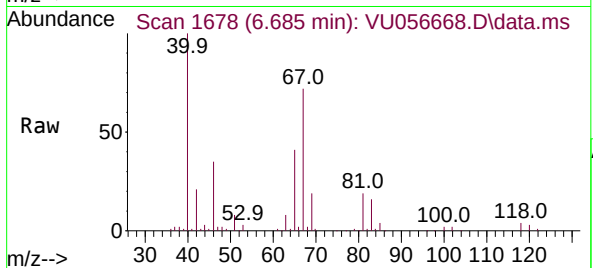
Acq: 06 Dec 2023 16:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 20950
Ion Ratio	Lower Upper
83 100	
55 0.0	62.9 94.3#
98 0.3	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.533 ug/L

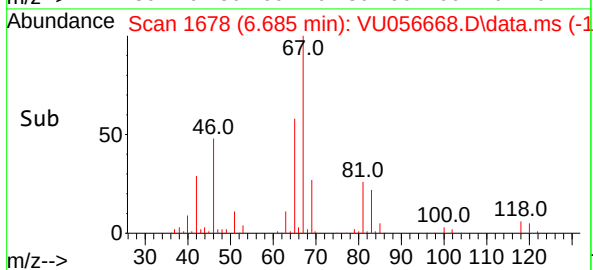
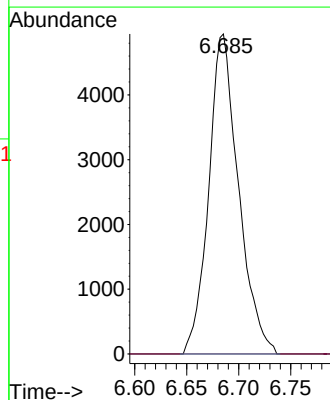
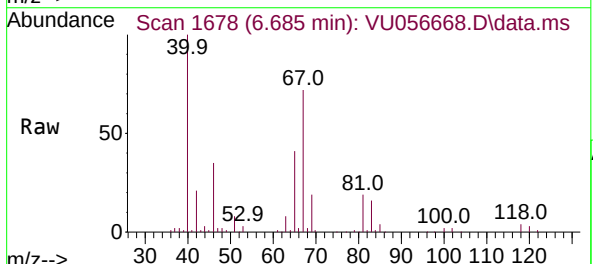
RT: 6.685 min Scan# 1678

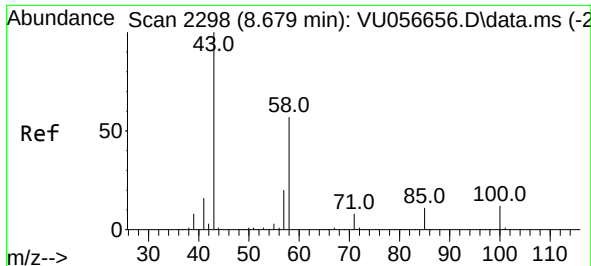
Delta R.T. -0.100 min

Lab File: VU056668.D

Acq: 06 Dec 2023 16:57

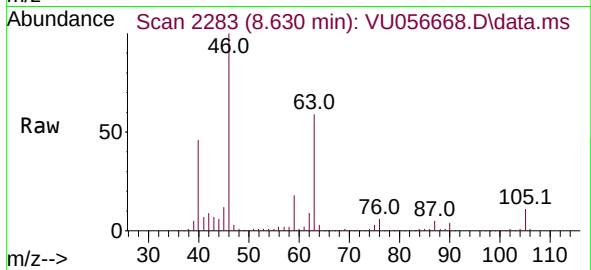
Tgt Ion: 63	Resp: 9861
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#



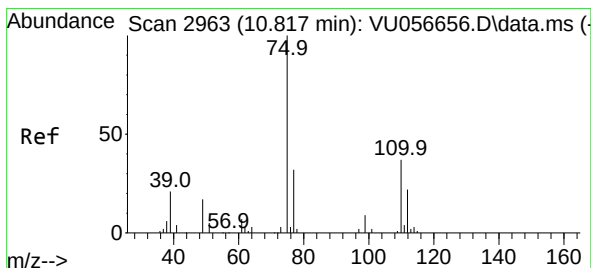
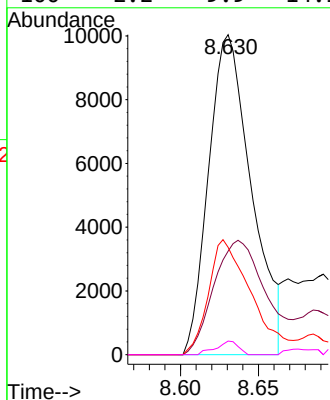
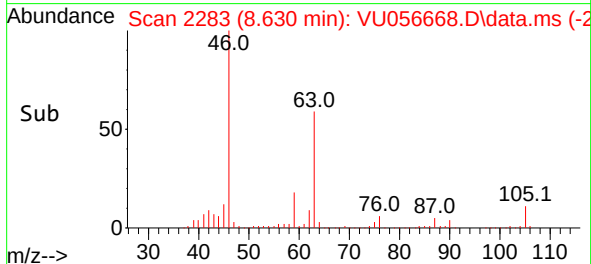


#48
2-Hexanone
Concen: 2.685 ug/L
RT: 8.630 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU056668.D
Acq: 06 Dec 2023 16:57

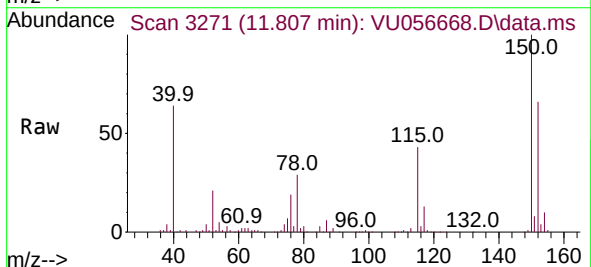
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Tgt Ion: 43	Resp: 19171
Ion Ratio	Lower Upper
43	100
58	44.1 48.7 73.1#
57	36.0 16.8 25.2#
100	2.2 9.9 14.9#



#61
1,2,3-Trichloropropane
Concen: 1.345 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056668.D
Acq: 06 Dec 2023 16:57



Tgt Ion: 75	Resp: 12784
Ion Ratio	Lower Upper
75	100
110	3.4 30.4 45.6#
77	37.9 27.0 40.6

