

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055636.D
 Acq On : 03 Oct 2023 13:17
 Operator : MD/SY
 Sample : 04679-17DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

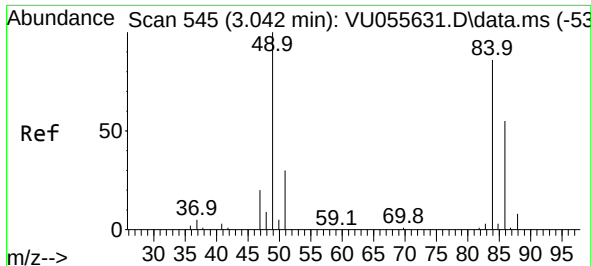
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:42:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

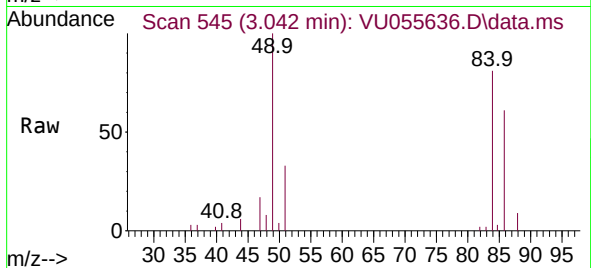
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	187412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	86782	4.718	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.914	69	74577	4.600	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.000%	
11) 1,1-Dichloroethene-d2	2.567	65	32569	4.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.000%	
20) 2-Butanone-d5	4.628	46	127222	38.289	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.580%	
24) Chloroform-d	5.062	84	143067	4.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	5.698	65	66088	4.129	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
32) Benzene-d6	5.724	84	288752	4.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.689	67	87355	4.460	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.898	98	250918	4.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	8.177	79	28894	4.204	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.634	63	68028	32.539	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	65.080%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56709	3.863	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	84199	4.315	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.200%	
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	11303	0.741	ug/L	92
35) Methylcyclohexane	6.689	83	19621	0.893	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	9550	0.677	ug/L #	90
48) 2-Hexanone	8.682	43	19547	3.941	ug/L #	77
61) 1,2,3-Trichloropropane	11.746	75	2341	0.310	ug/L #	44
64) 1,3-Dichlorobenzene	11.750	146	7588	0.284	ug/L	96
65) 1,4-Dichlorobenzene	11.836	146	21742	0.815	ug/L	97
69) 1,3,5-Trichlorobenzene	13.839	180	69894	3.805	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	69894	4.990	ug/L	96

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

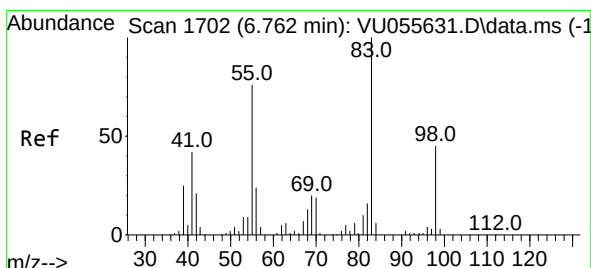
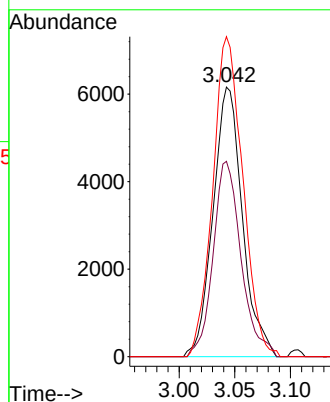
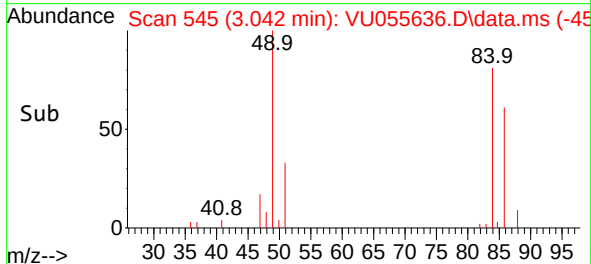


#16
Methylene chloride
Concen: 0.741 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055636.D
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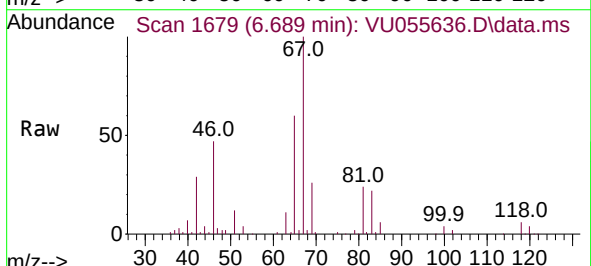
Instrument :
MSVOA_U
ClientSampleId :



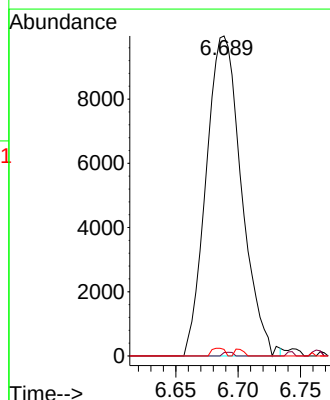
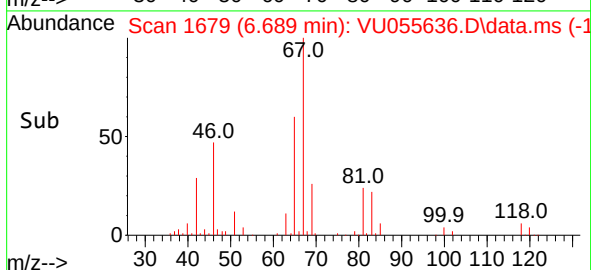
Tgt Ion: 84 Resp: 11303
Ion Ratio Lower Upper
84 100
86 72.5 44.9 83.3
49 118.7 78.8 146.3

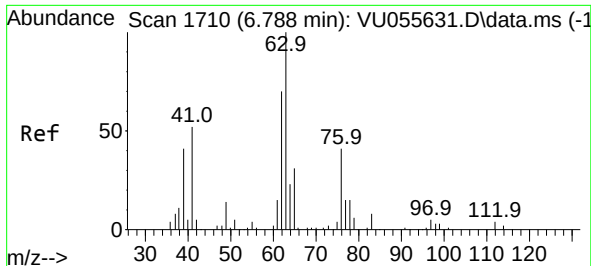


#35
Methylcyclohexane
Concen: 0.893 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055636.D
Acq: 03 Oct 2023 13:17



Tgt Ion: 83 Resp: 19621
Ion Ratio Lower Upper
83 100
55 0.3 59.1 88.7#
98 0.9 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.677 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055636.D

Acq: 03 Oct 2023 13:17

Instrument :

MSVOA_U

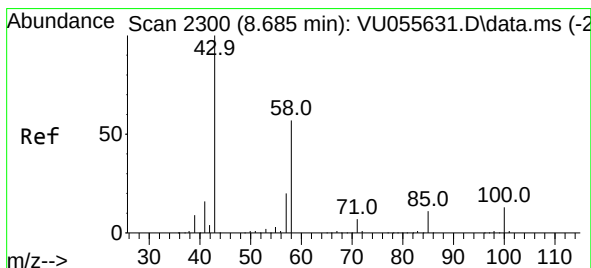
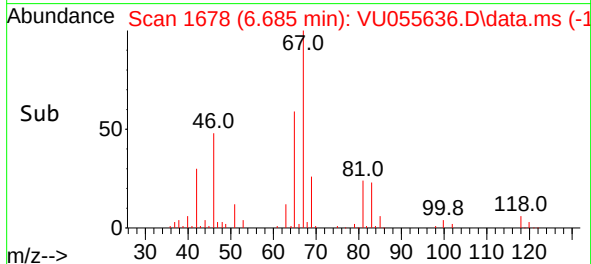
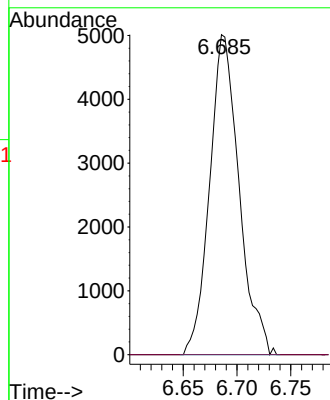
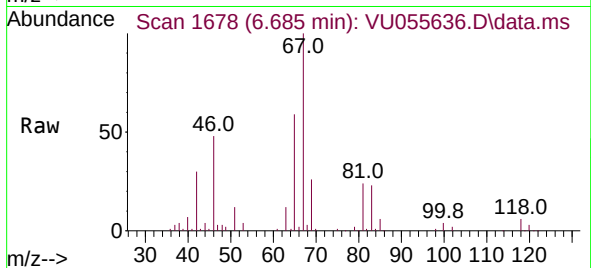
ClientSampleId :

Tgt Ion: 63 Resp: 9550

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#



#48

2-Hexanone

Concen: 3.941 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.003 min

Lab File: VU055636.D

Acq: 03 Oct 2023 13:17

Tgt Ion: 43 Resp: 19547

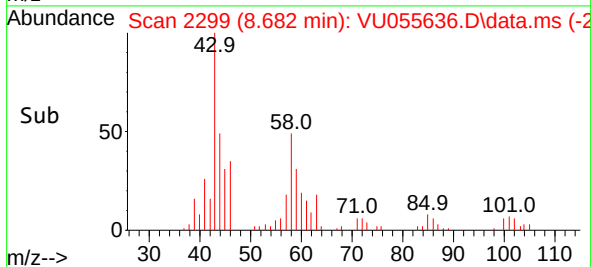
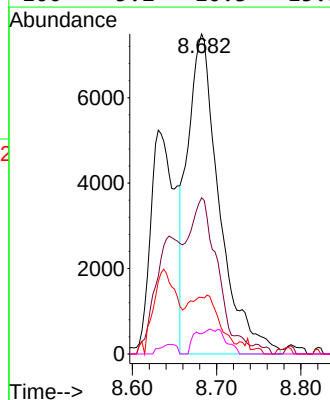
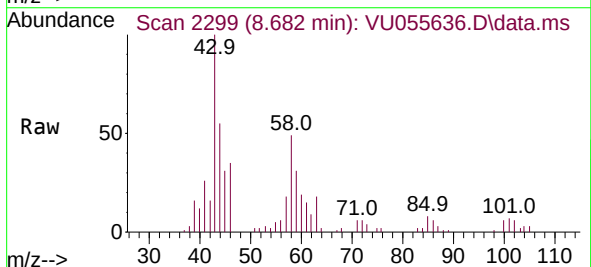
Ion Ratio Lower Upper

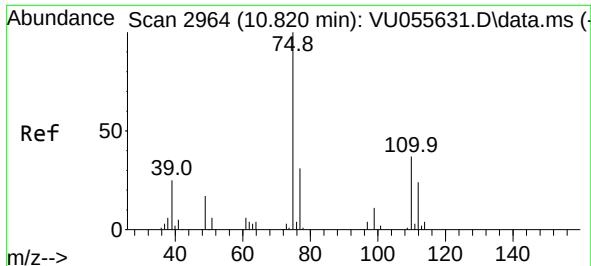
43 100

58 39.5 48.5 72.7#

57 15.0 17.0 25.4#

100 5.2 10.3 15.5#

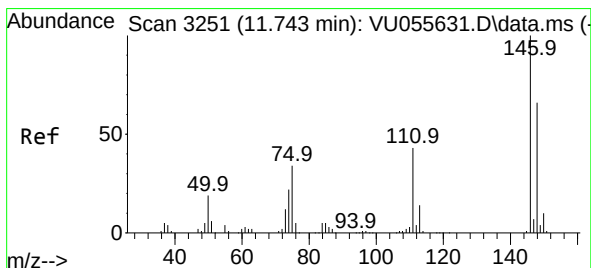
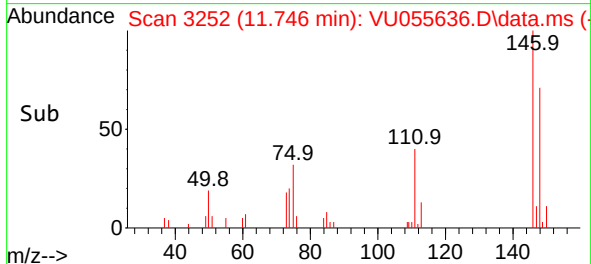
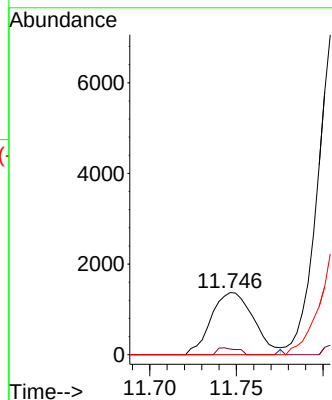
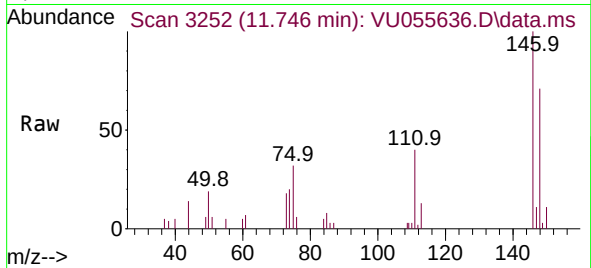




#61
1,2,3-Trichloropropane
Concen: 0.310 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.926 min
Lab File: VU055636.D
Acq: 03 Oct 2023 13:17

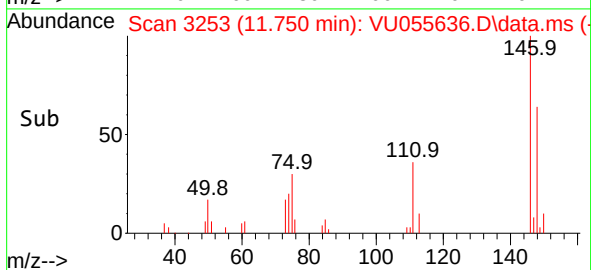
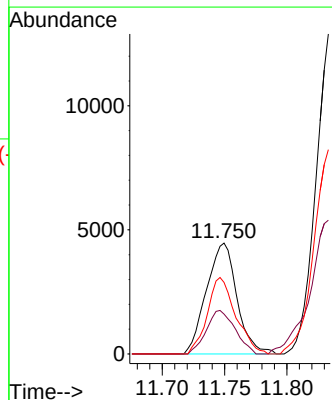
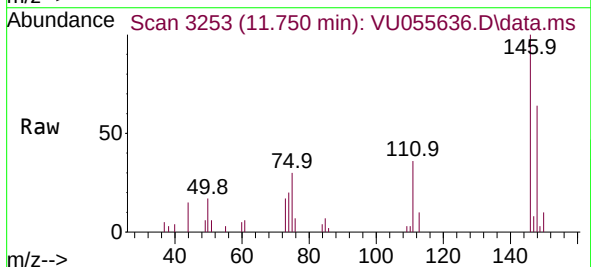
Instrument :
MSVOA_U
ClientSampleId :

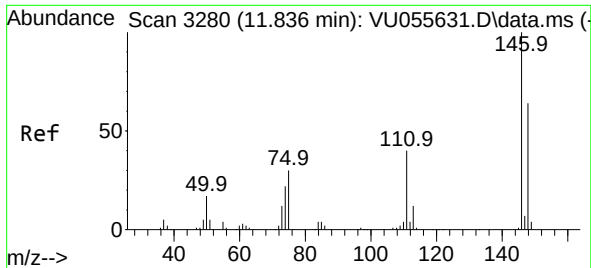
Tgt Ion: 75 Resp: 2341
Ion Ratio Lower Upper
75 100
110 5.3 30.6 45.8#
77 0.0 26.7 40.1#



#64
1,3-Dichlorobenzene
Concen: 0.284 ug/L
RT: 11.750 min Scan# 3253
Delta R.T. 0.007 min
Lab File: VU055636.D
Acq: 03 Oct 2023 13:17

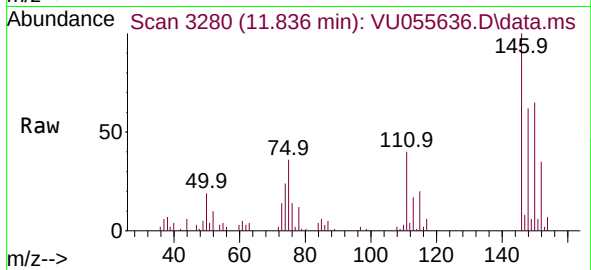
Tgt Ion:146 Resp: 7588
Ion Ratio Lower Upper
146 100
111 36.0 28.8 53.6
148 64.4 44.6 82.8



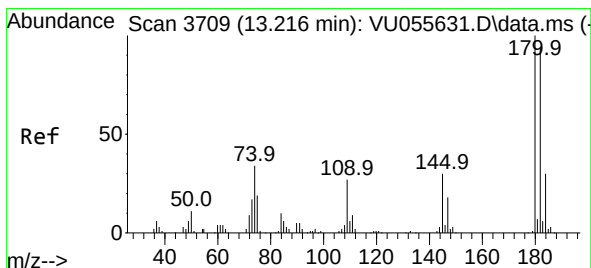
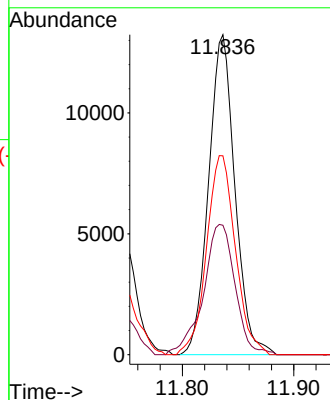
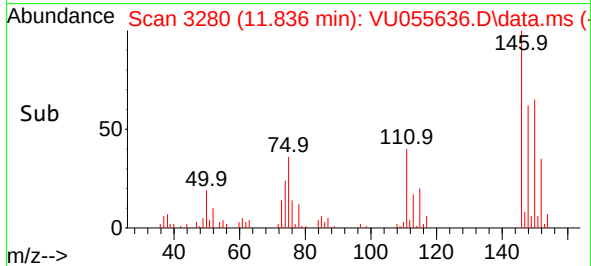


#65
1,4-Dichlorobenzene
Concen: 0.815 ug/L
RT: 11.836 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055636.D
Acq: 03 Oct 2023 13:17

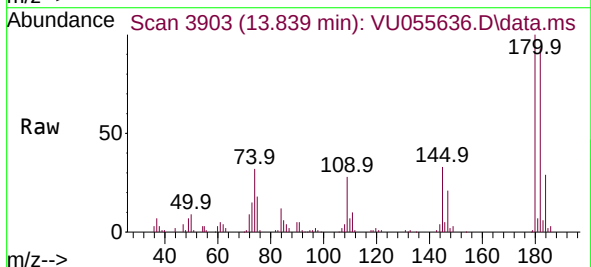
Instrument :
MSVOA_U
ClientSampleId :



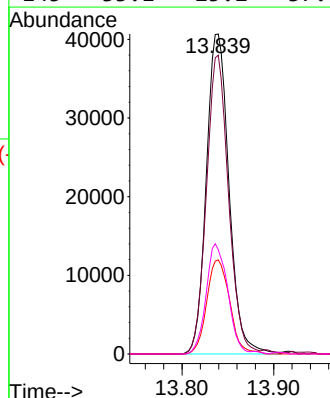
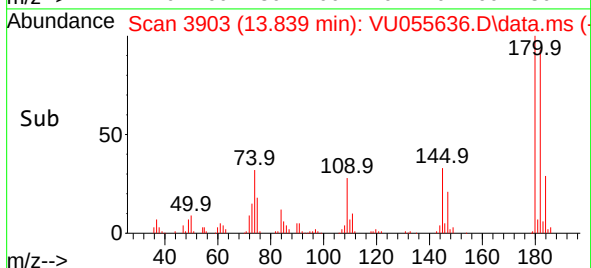
Tgt Ion:146 Resp: 21742
Ion Ratio Lower Upper
146 100
111 40.5 29.0 53.8
148 62.2 45.4 84.4

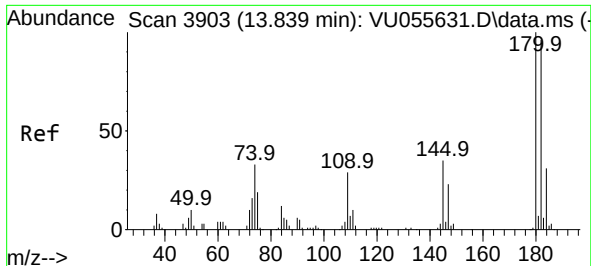


#69
1,3,5-Trichlorobenzene
Concen: 3.805 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.624 min
Lab File: VU055636.D
Acq: 03 Oct 2023 13:17



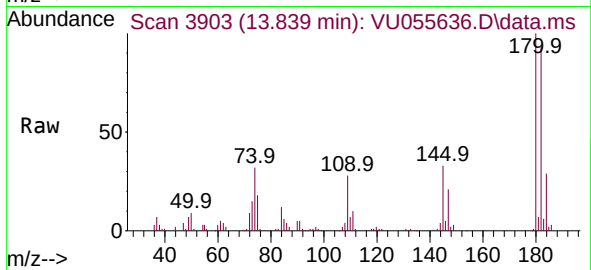
Tgt Ion:180 Resp: 69894
Ion Ratio Lower Upper
180 100
182 90.9 77.1 115.7
184 29.8 24.0 36.0
145 33.1 25.2 37.8





#70
 1,2,4-trichlorobenzene
 Concen: 4.990 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055636.D
 Acq: 03 Oct 2023 13:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 69894
 Ion Ratio Lower Upper
 180 100
 182 90.9 76.4 114.6
 145 33.1 25.4 38.0

