

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055623.D
 Acq On : 02 Oct 2023 23:24
 Operator : MD/SY
 Sample : 04679-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-6(2030927)

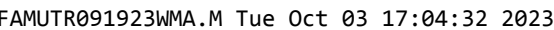
Quant Time: Oct 03 06:24:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

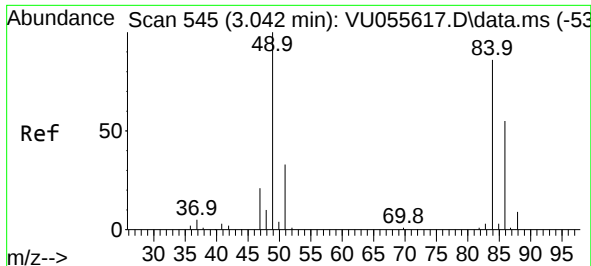
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	165717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99291	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60320	3.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.914	69	59869	4.056	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.567	65	24175	3.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.637	46	159368	52.680	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.360%
24) Chloroform-d	5.062	84	132868	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.701	65	66556	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.724	84	245022	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.689	67	80593	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.898	98	204779	3.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.177	79	25850	4.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.634	63	95172	49.678	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	66360	4.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	82481	4.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
16) Methylene chloride	3.039	84	5451	0.393	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	5248	0.388	ug/L	94
33) Benzene	5.772	78	43112	0.872	ug/L	100
51) Chlorobenzene	9.444	112	2106359	62.376	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	896362	32.717	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	2318388	84.666	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	225844	8.991	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	645612	44.884	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	4736	0.378	ug/L	96

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 03 06:03:59 2023
Response via : Initial Calibration

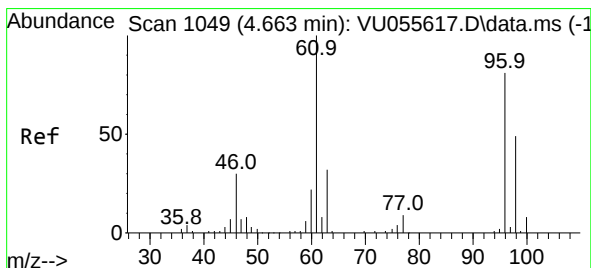
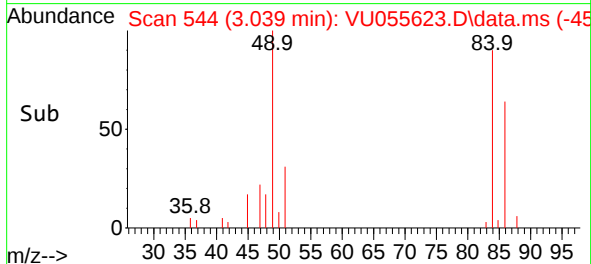
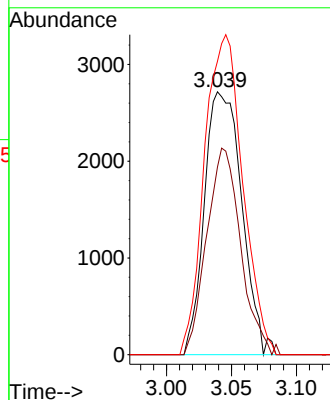
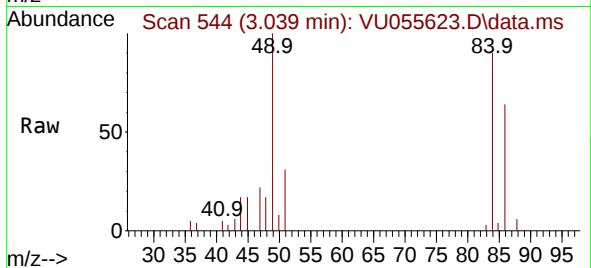




#16
Methylene chloride
Concen: 0.393 ug/L
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

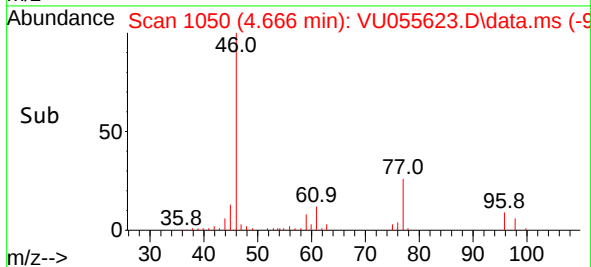
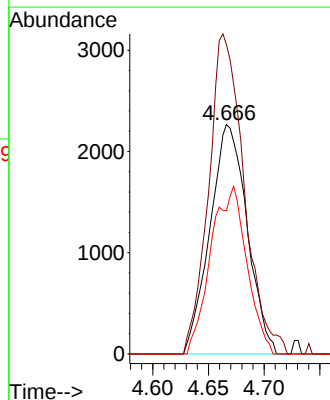
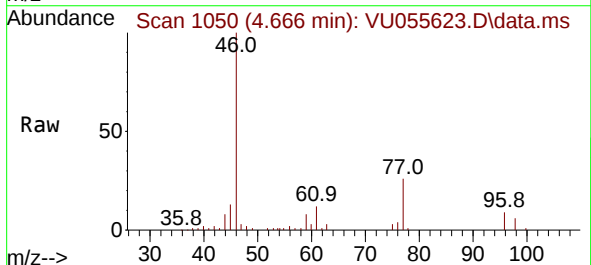
Instrument :
MSVOA_U
ClientSampleId :
PMW-6(2030927)

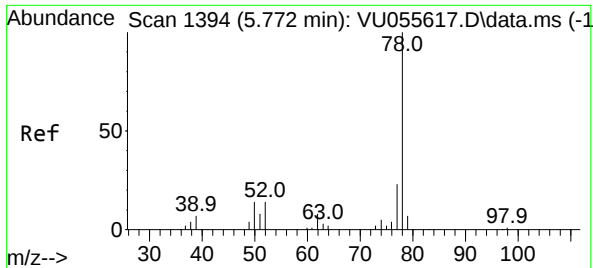
Tgt Ion: 84 Resp: 5451
Ion Ratio Lower Upper
84 100
86 71.4 44.9 83.3
49 111.7 78.8 146.3



#22
cis-1,2-Dichloroethene
Concen: 0.388 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

Tgt Ion: 96 Resp: 5248
Ion Ratio Lower Upper
96 100
61 134.9 87.8 163.2
98 62.4 44.4 82.4

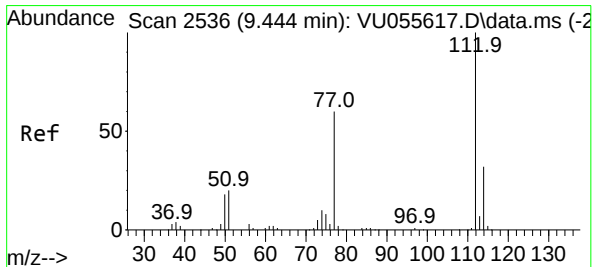
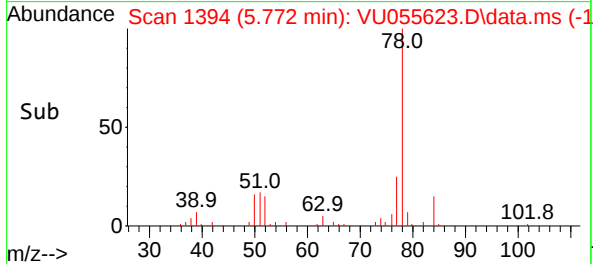
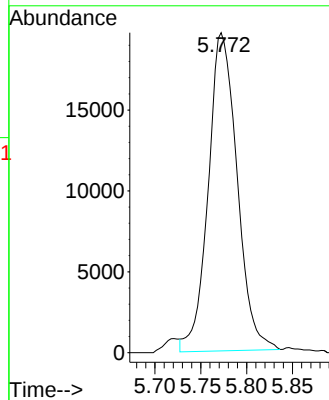
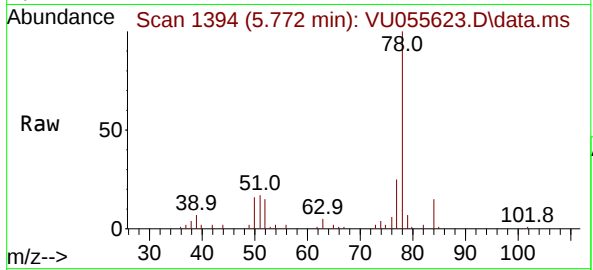




#33
Benzene
Concen: 0.872 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

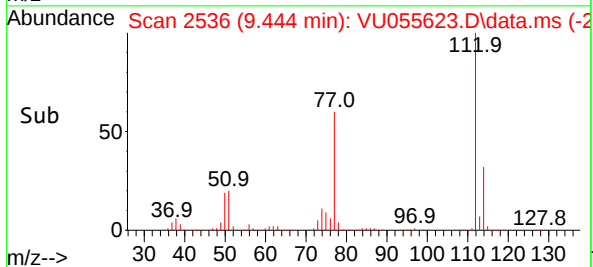
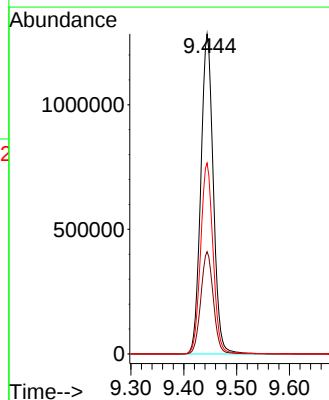
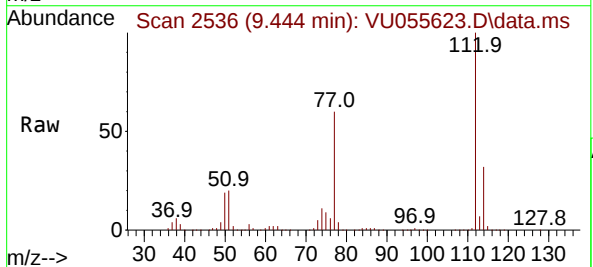
Instrument :
MSVOA_U
ClientSampleId :
PMW-6(2030927)

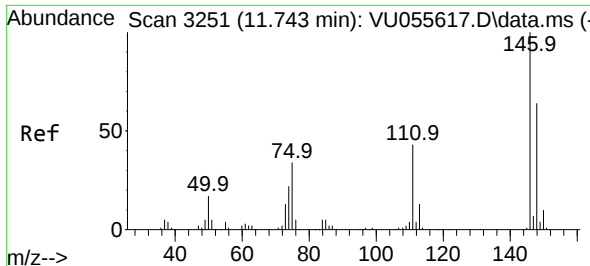
Tgt Ion: 78 Resp: 43112



#51
Chlorobenzene
Concen: 62.376 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

Tgt Ion: 112 Resp: 2106359
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 59.7 46.9 70.3

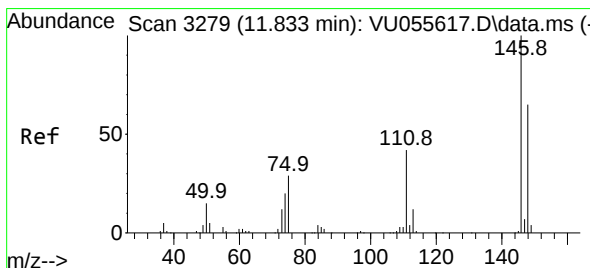
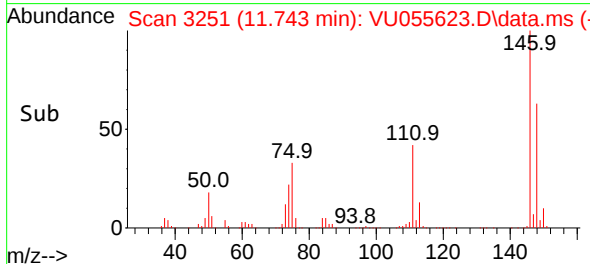
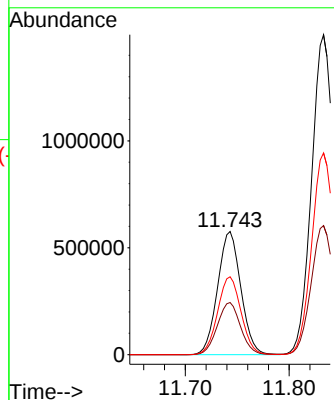
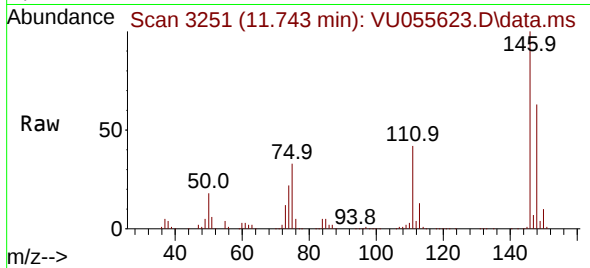




#64
1,3-Dichlorobenzene
Concen: 32.717 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

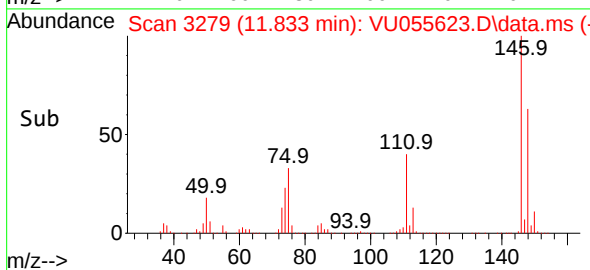
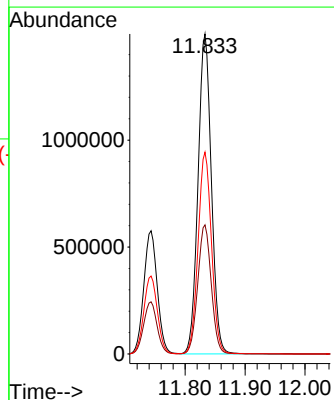
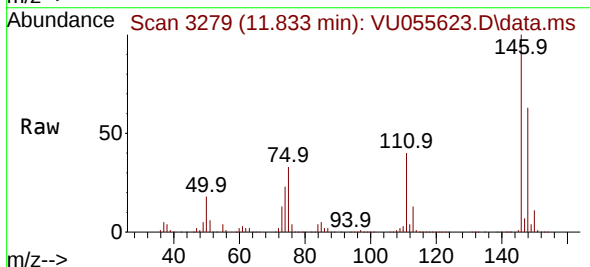
Instrument :
MSVOA_U
ClientSampleId :
PMW-6(2030927)

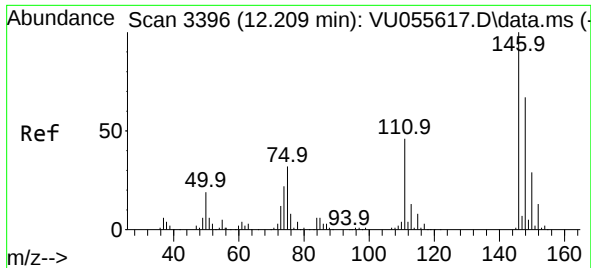
Tgt Ion:146 Resp: 896362
Ion Ratio Lower Upper
146 100
111 42.3 28.8 53.6
148 63.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 84.666 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

Tgt Ion:146 Resp: 2318388
Ion Ratio Lower Upper
146 100
111 40.3 29.0 53.8
148 63.0 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 8.991 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055623.D

Acq: 02 Oct 2023 23:24

Instrument :

MSVOA_U

ClientSampleId :

PMW-6(2030927)

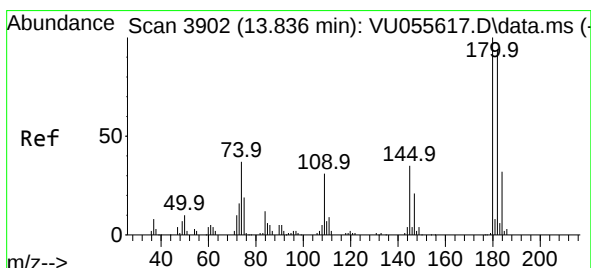
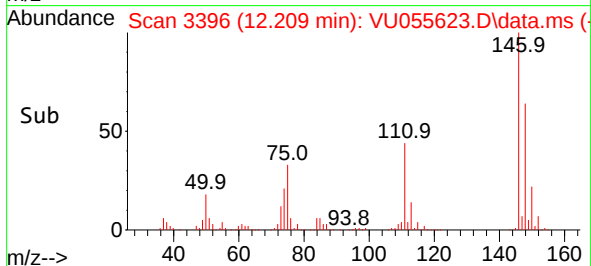
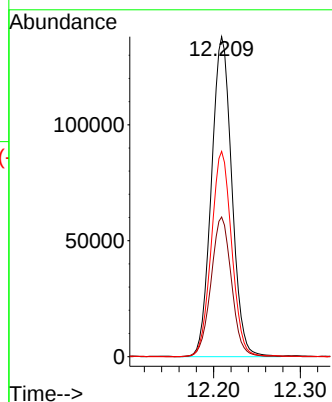
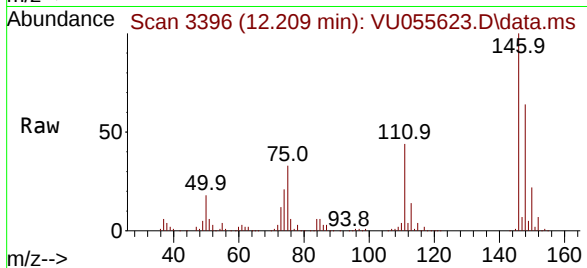
Tgt Ion:146 Resp: 225844

Ion Ratio Lower Upper

146 100

111 43.7 34.6 52.0

148 64.1 51.8 77.8



#70

1,2,4-trichlorobenzene

Concen: 44.884 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU055623.D

Acq: 02 Oct 2023 23:24

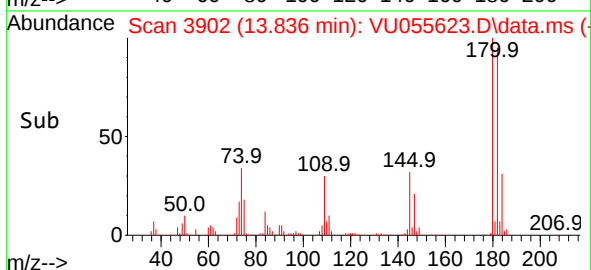
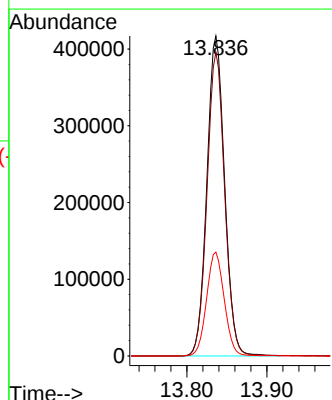
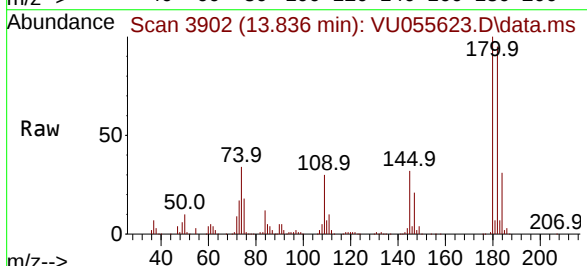
Tgt Ion:180 Resp: 645612

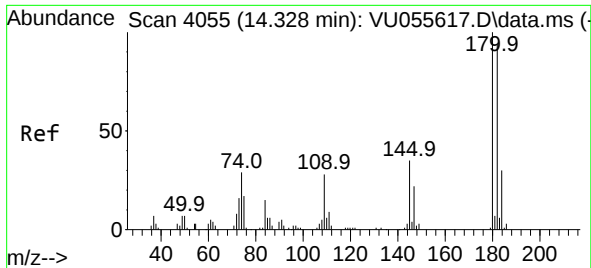
Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

145 32.3 25.4 38.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.378 ug/L
 RT: 14.328 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU055623.D
 Acq: 02 Oct 2023 23:24

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-6(2030927)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.2	114.4
145	36.8	26.0	39.0

