

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052884.D
 Acq On : 31 Jan 2023 17:17
 Operator : JC/MD
 Sample : 01314-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44L0

Quant Time: Feb 01 01:41:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

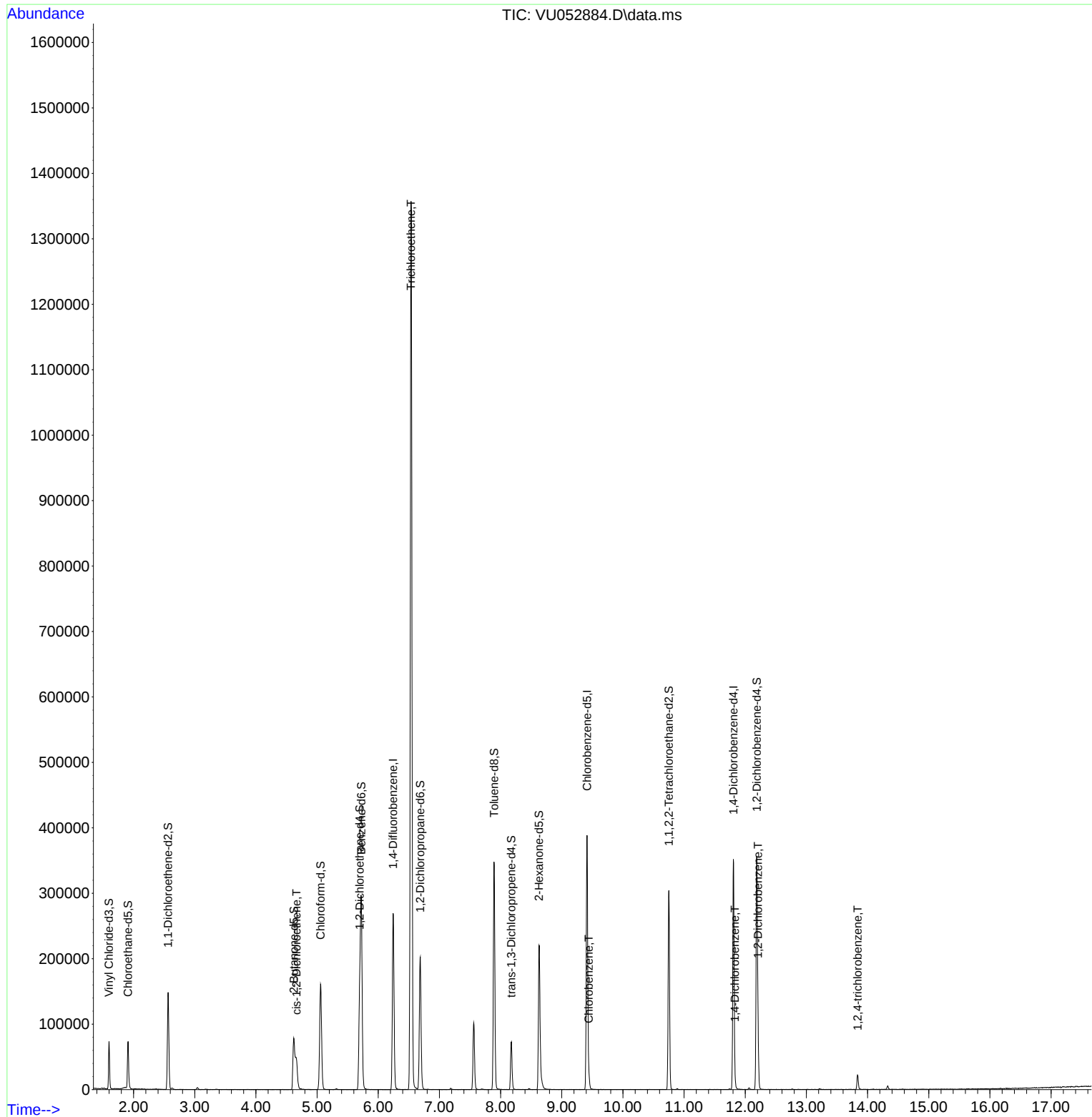
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	222034	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	218610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	96496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53175	33.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.540%
7) Chloroethane-d5	1.909	69	55626	42.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.480%
11) 1,1-Dichloroethene-d2	2.565	63	88736	27.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.840%#
21) 2-Butanone-d5	4.620	46	113164	114.628	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.630%
24) Chloroform-d	5.057	84	154974	45.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	5.697	65	107367	49.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.600%
32) Benzene-d6	5.722	84	273782	40.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.980%
36) 1,2-Dichloropropane-d6	6.687	67	93255	47.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.220%
41) Toluene-d8	7.893	98	230658	37.926	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.860%#
43) trans-1,3-Dichloroprop...	8.176	79	41721	42.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.000%
47) 2-Hexanone-d5	8.629	63	72103	104.760	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	142774	49.333	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.660%
66) 1,2-Dichlorobenzene-d4	12.188	152	92483	49.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.720%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.665	96	21444	11.315	ug/L	99
34) Trichloroethene	6.536	95	453074	239.542	ug/L	98
51) Chlorobenzene	9.443	112	10548	2.010	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	4019	1.235	ug/L	89
67) 1,2-Dichlorobenzene	12.208	146	26825	8.435	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	8240	4.222	ug/L	98

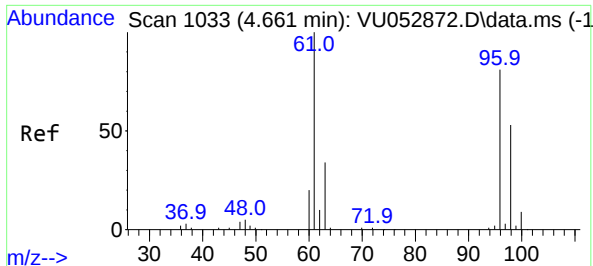
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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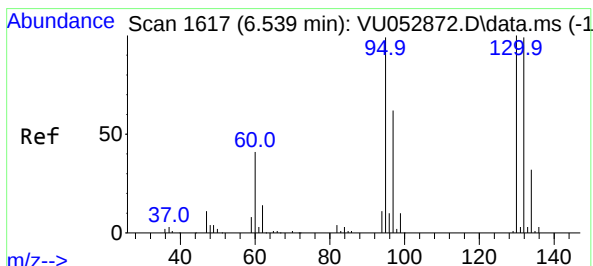
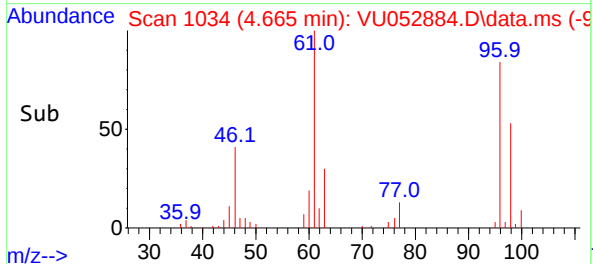
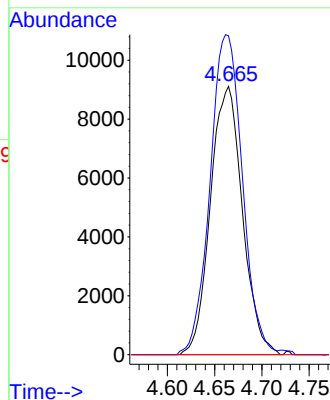
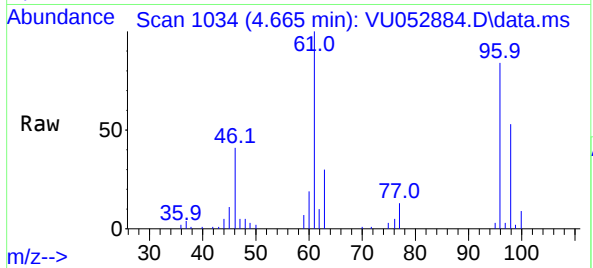




#20
cis-1,2-Dichloroethene
Concen: 11.315 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU052884.D
Acq: 31 Jan 2023 17:17

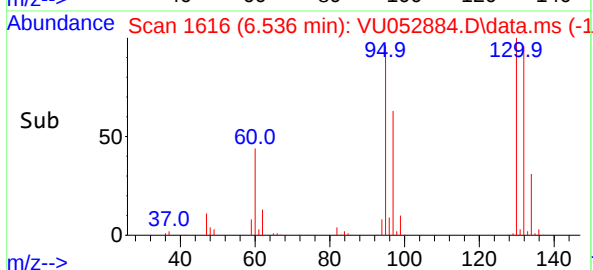
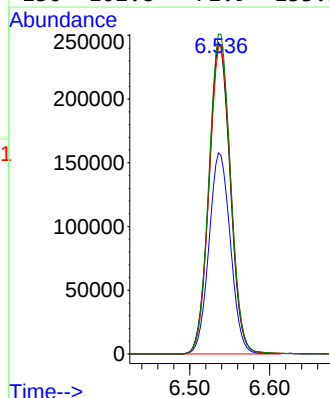
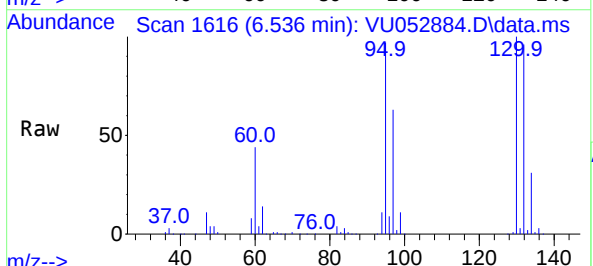
Instrument :
MSVOA_U
ClientSampleId :
A44L0

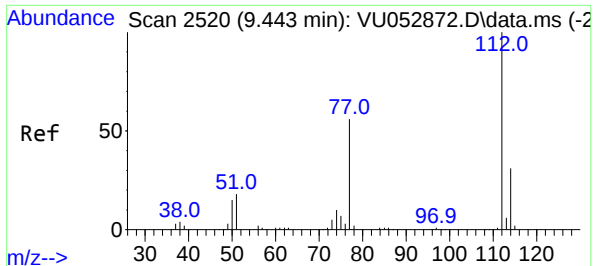
Tgt Ion: 96 Resp: 21444
Ion Ratio Lower Upper
96 100
61 118.8 84.1 156.1
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 239.542 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052884.D
Acq: 31 Jan 2023 17:17

Tgt Ion: 95 Resp: 453074
Ion Ratio Lower Upper
95 100
97 64.6 44.5 82.7
132 98.7 66.8 124.0
130 102.8 71.9 133.5





#51

Chlorobenzene

Concen: 2.010 ug/L

RT: 9.443 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU052884.D

Acq: 31 Jan 2023 17:17

Instrument :

MSVOA_U

ClientSampleId :

A44L0

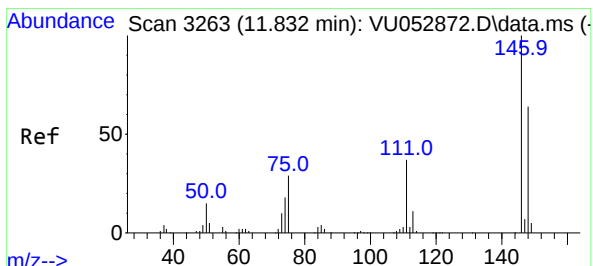
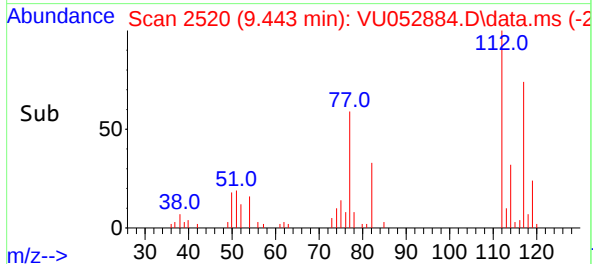
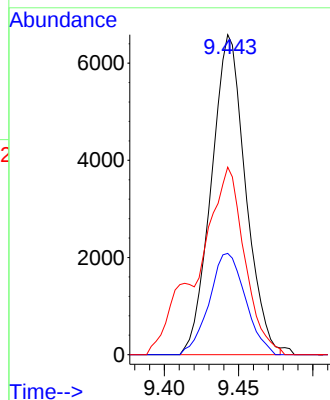
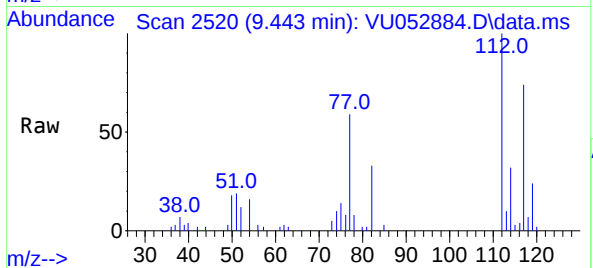
Tgt Ion:112 Resp: 10548

Ion Ratio Lower Upper

112 100

114 31.6 22.8 42.4

77 58.6 45.9 68.9



#65

1,4-Dichlorobenzene

Concen: 1.235 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052884.D

Acq: 31 Jan 2023 17:17

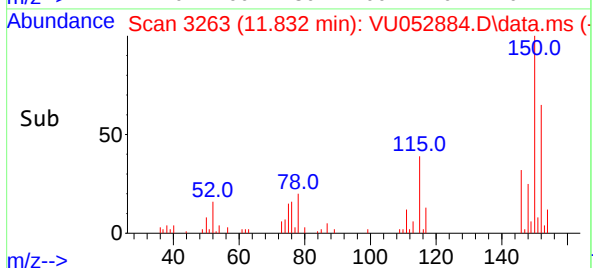
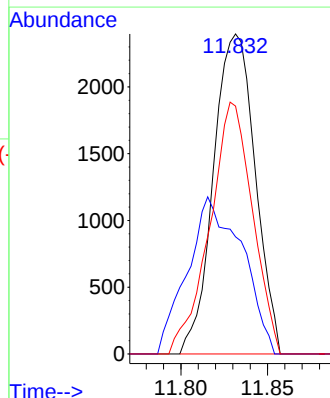
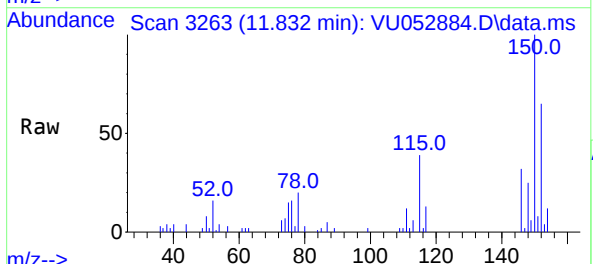
Tgt Ion:146 Resp: 4019

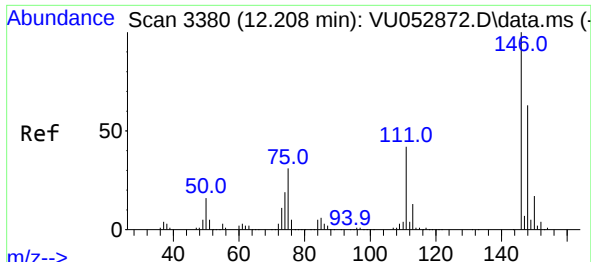
Ion Ratio Lower Upper

146 100

111 36.6 26.7 49.7

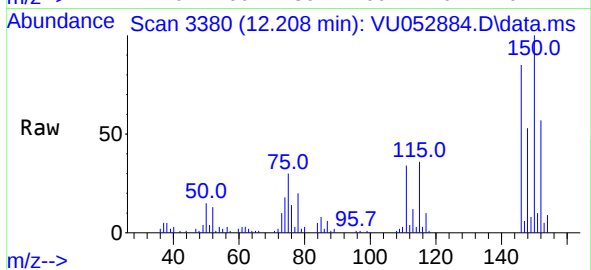
148 77.4 45.6 84.6



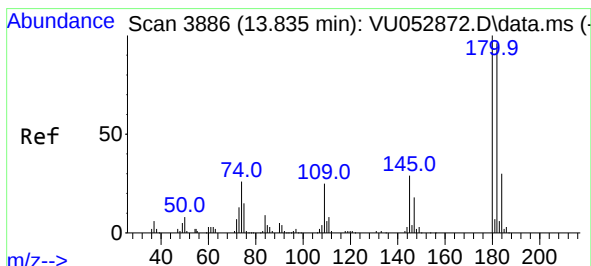
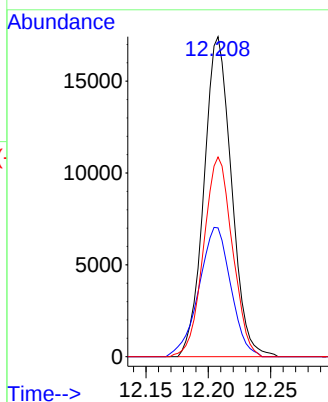
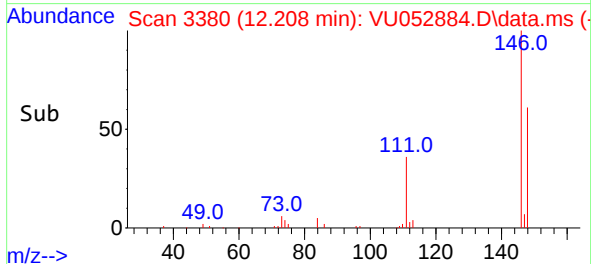


#67
1,2-Dichlorobenzene
Concen: 8.435 ug/L
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU052884.D
Acq: 31 Jan 2023 17:17

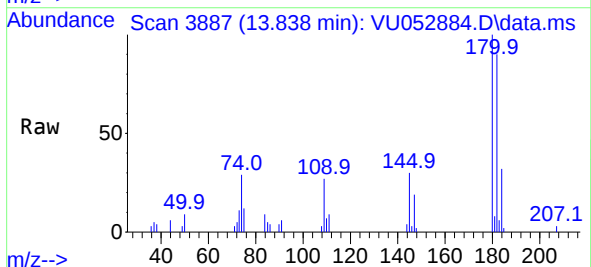
Instrument :
MSVOA_U
ClientSampleId :
A44L0



Tgt Ion:	146	Resp:	26825
Ion	Ratio	Lower	Upper
146	100		
111	40.3	33.2	49.8
148	62.4	50.2	75.4



#70
1,2,4-trichlorobenzene
Concen: 4.222 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU052884.D
Acq: 31 Jan 2023 17:17



Tgt Ion:	180	Resp:	8240
Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.2	117.2
145	28.9	23.4	35.2

