

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051470.D
 Acq On : 20 Oct 2022 14:29
 Operator : JC/MD
 Sample : N5180-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

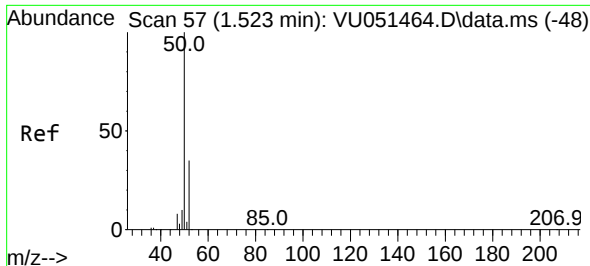
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 22:26:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	479496	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	469784	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	183323	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	185224	48.683	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.360%			
7) Chloroethane-d5	1.900	69	161751	51.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.200%			
11) 1,1-Dichloroethene-d2	2.562	63	233482	36.050	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.100%			
21) 2-Butanone-d5	4.616	46	294004	109.622	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.620%			
24) Chloroform-d	5.060	84	347071	49.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.340%			
26) 1,2-Dichloroethane-d4	5.697	65	222822	51.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.580%			
32) Benzene-d6	5.723	84	709763	55.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.580%			
36) 1,2-Dichloropropane-d6	6.687	67	232941	55.757	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.520%			
41) Toluene-d8	7.896	98	595445	51.349	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.700%			
43) trans-1,3-Dichloroprop...	8.176	79	92868	52.205	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.400%			
47) 2-Hexanone-d5	8.629	63	194508	106.001	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.000%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	360280	49.642	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.280%			
66) 1,2-Dichlorobenzene-d4	12.192	152	207508	60.466	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.940%#			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	15720	2.935	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2533	0.676	ug/L #	24
12) 1,1-Dichloroethene	2.559	96	2052	0.577	ug/L #	1
13) Acetone	2.623	43	8892	2.910	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	3795	0.702	ug/L #	60
65) 1,4-Dichlorobenzene	11.835	146	4228	0.700	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	7093	1.159	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.844	180	6312	1.601	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	6312	2.080	ug/L	99

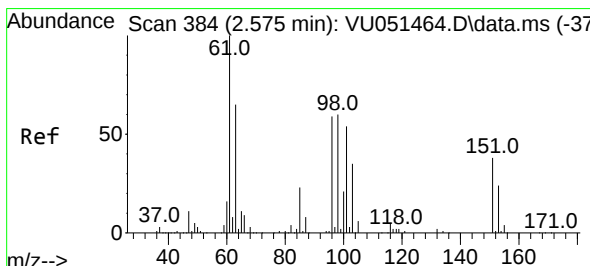
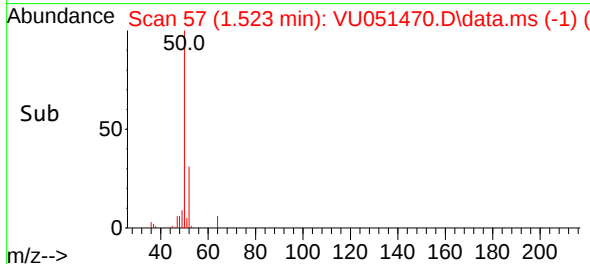
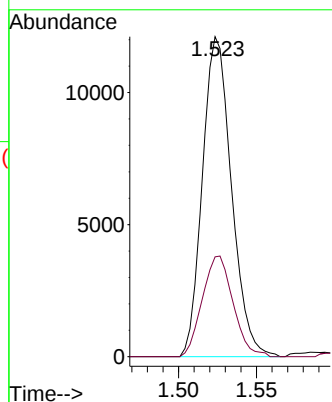
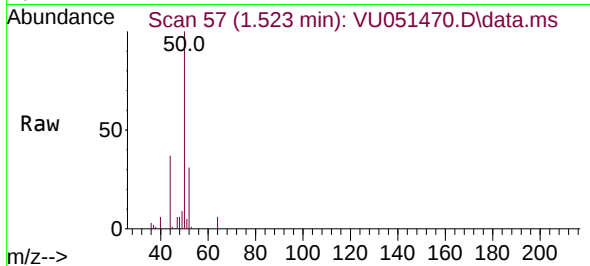
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 2.935 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

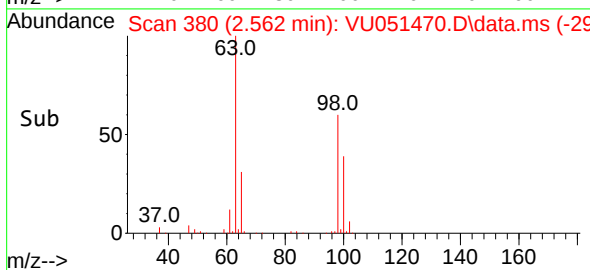
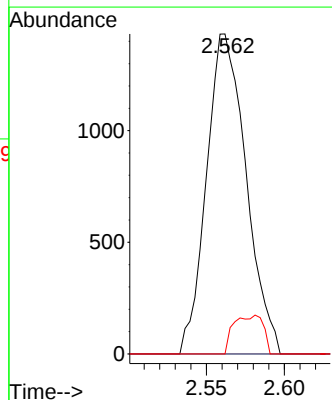
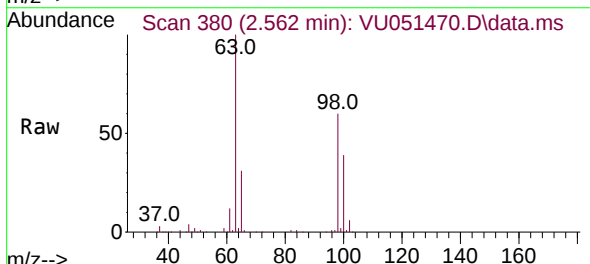
Instrument :
MSVOA_U
ClientSampleId :

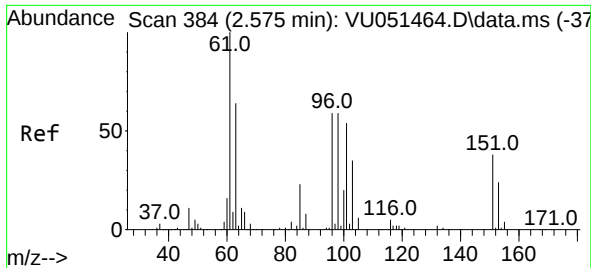
Tgt Ion: 50 Resp: 15720
Ion Ratio Lower Upper
50 100
52 31.2 24.1 44.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.676 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

Tgt Ion: 101 Resp: 2533
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 4.4 57.8 86.8#





#12

1,1-Dichloroethene

Concen: 0.577 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU051470.D

Acq: 20 Oct 2022 14:29

Instrument :

MSVOA_U

ClientSampleId :

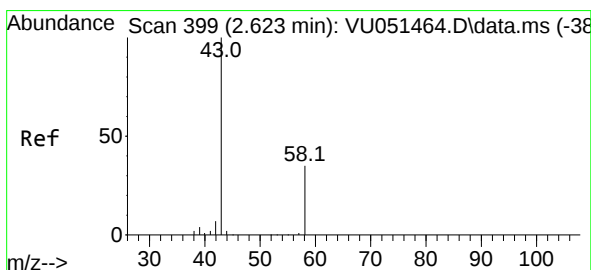
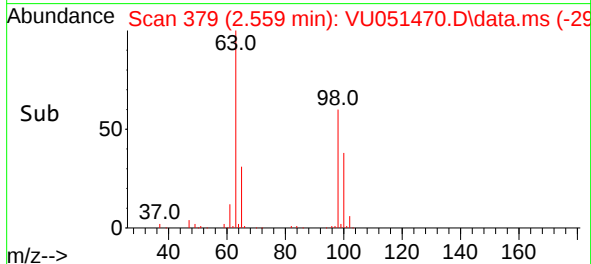
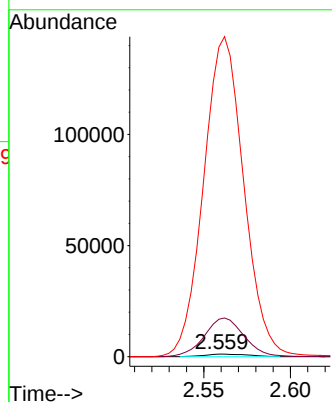
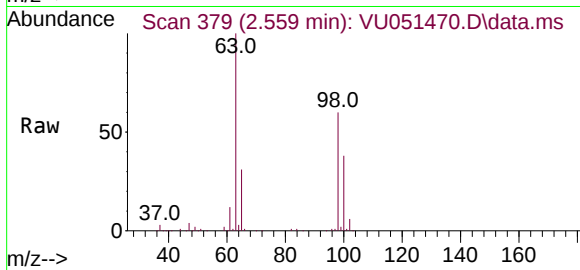
Tgt Ion: 96 Resp: 2052

Ion Ratio Lower Upper

96 100

61 1438.6 119.0 221.0#

63 11908.4 78.5 145.7#



#13

Acetone

Concen: 2.910 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051470.D

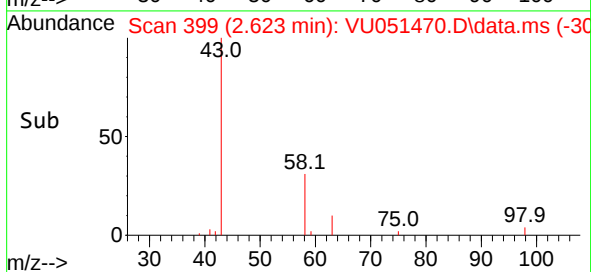
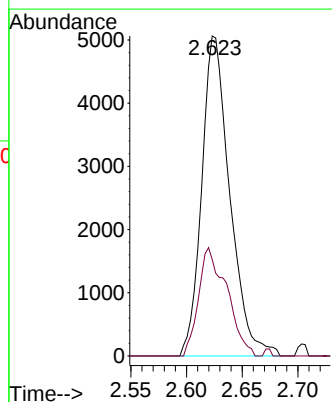
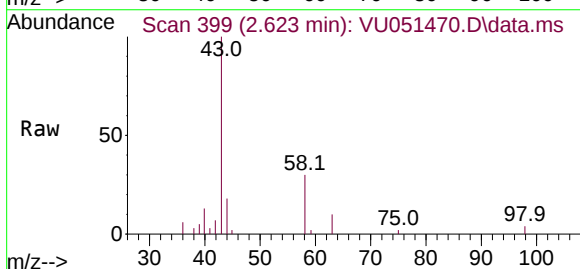
Acq: 20 Oct 2022 14:29

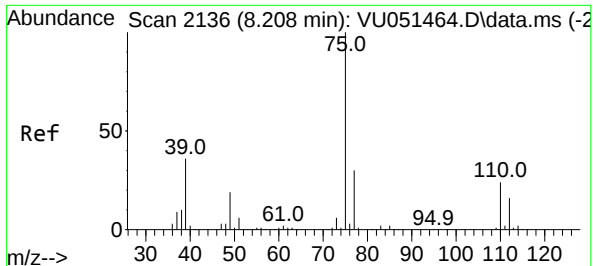
Tgt Ion: 43 Resp: 8892

Ion Ratio Lower Upper

43 100

58 34.1 0.0 70.2

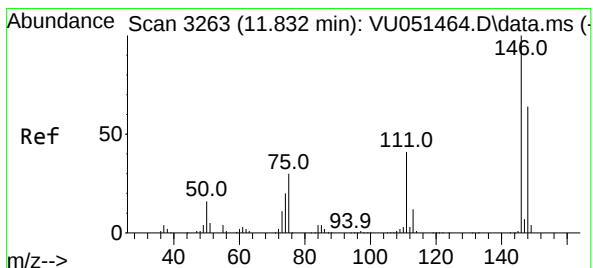
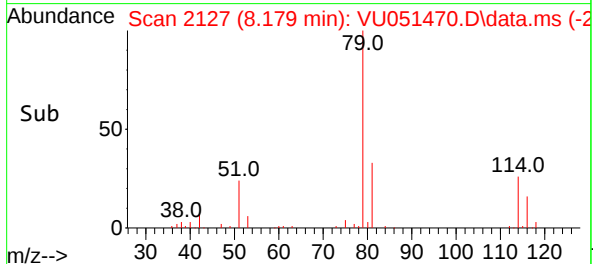
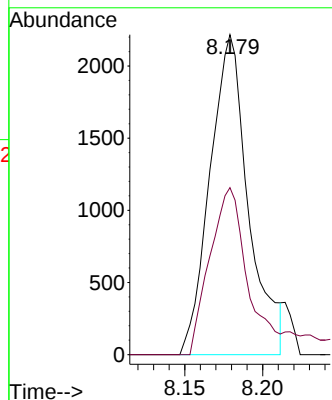
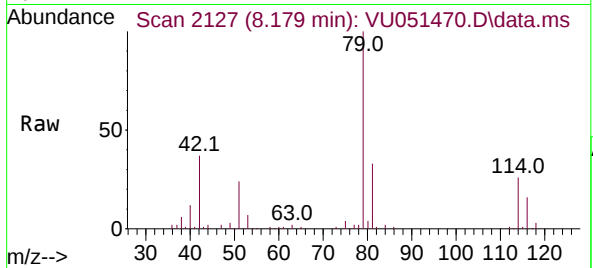




#44
trans-1,3-Dichloropropene
Concen: 0.702 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

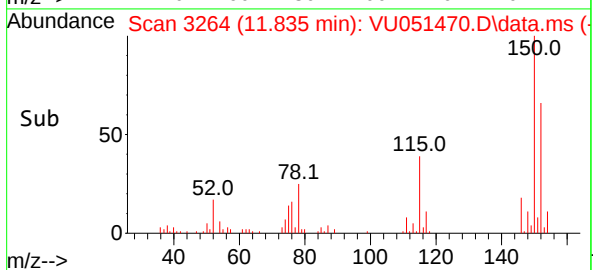
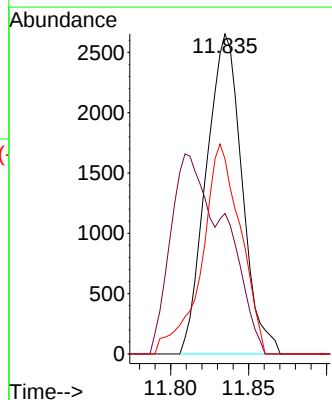
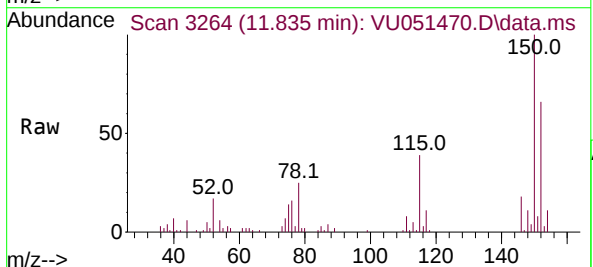
Instrument :
MSVOA_U
ClientSampleId :

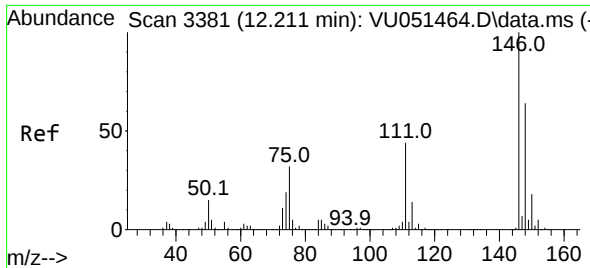
Tgt Ion: 75 Resp: 3795
Ion Ratio Lower Upper
75 100
77 52.2 21.3 39.5#



#65
1,4-Dichlorobenzene
Concen: 0.700 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

Tgt Ion:146 Resp: 4228
Ion Ratio Lower Upper
146 100
111 43.9 28.9 53.7
148 60.9 44.6 82.8

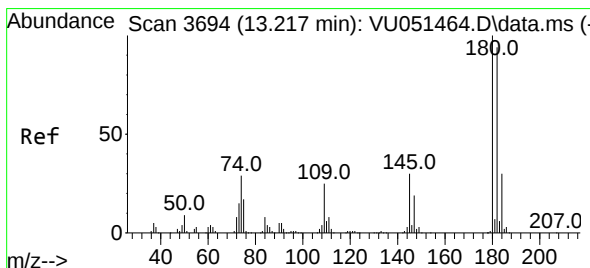
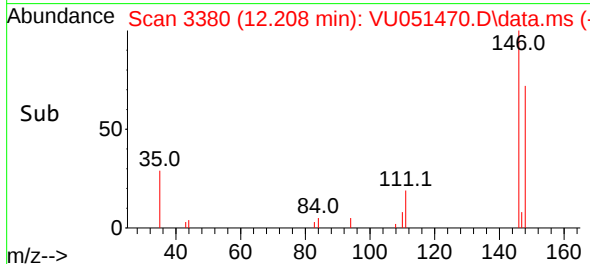
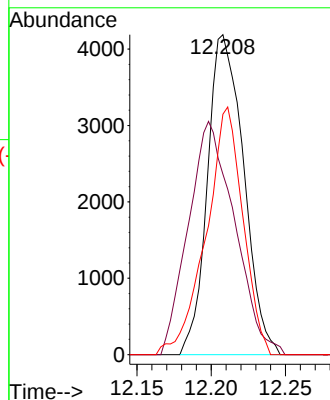
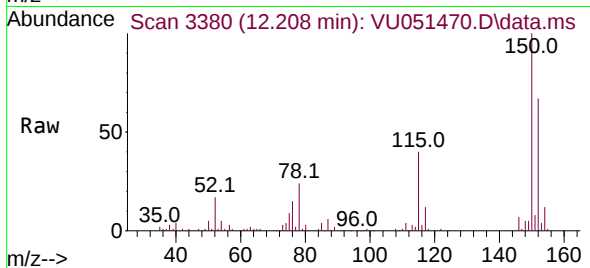




#67
1,2-Dichlorobenzene
Concen: 1.159 ug/L
RT: 12.208 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

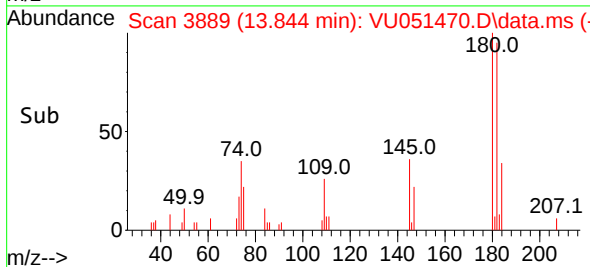
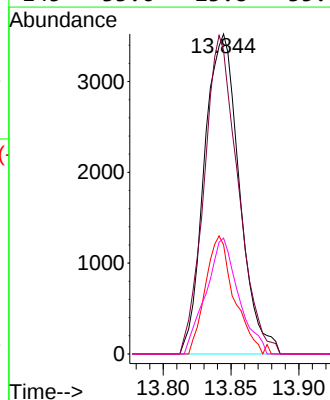
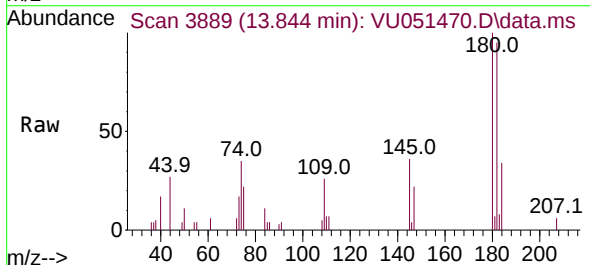
Instrument :
MSVOA_U
ClientSampleId :

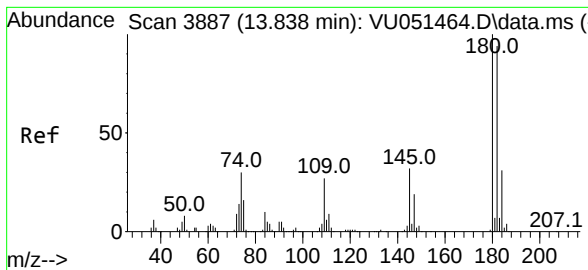
Tgt Ion:146 Resp: 7093
Ion Ratio Lower Upper
146 100
111 56.4 35.3 52.9#
148 75.1 51.1 76.7



#69
1,3,5-Trichlorobenzene
Concen: 1.601 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.627 min
Lab File: VU051470.D
Acq: 20 Oct 2022 14:29

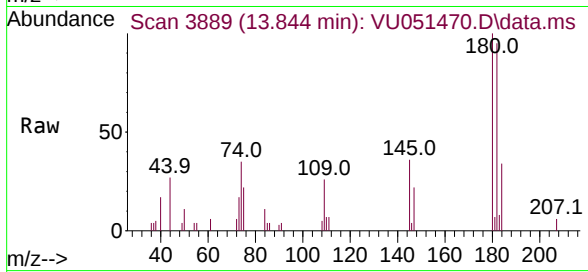
Tgt Ion:180 Resp: 6312
Ion Ratio Lower Upper
180 100
182 95.9 75.6 113.4
184 30.3 23.9 35.9
145 33.6 23.8 35.8





#70
 1,2,4-trichlorobenzene
 Concen: 2.080 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.006 min
 Lab File: VU051470.D
 Acq: 20 Oct 2022 14:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	6312
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.2	114.4
145	33.6	25.0	37.6

