

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051124.D
 Acq On : 05 Oct 2022 14:03
 Operator : JC/MD
 Sample : N4853-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW830

Quant Time: Oct 06 03:03:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

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

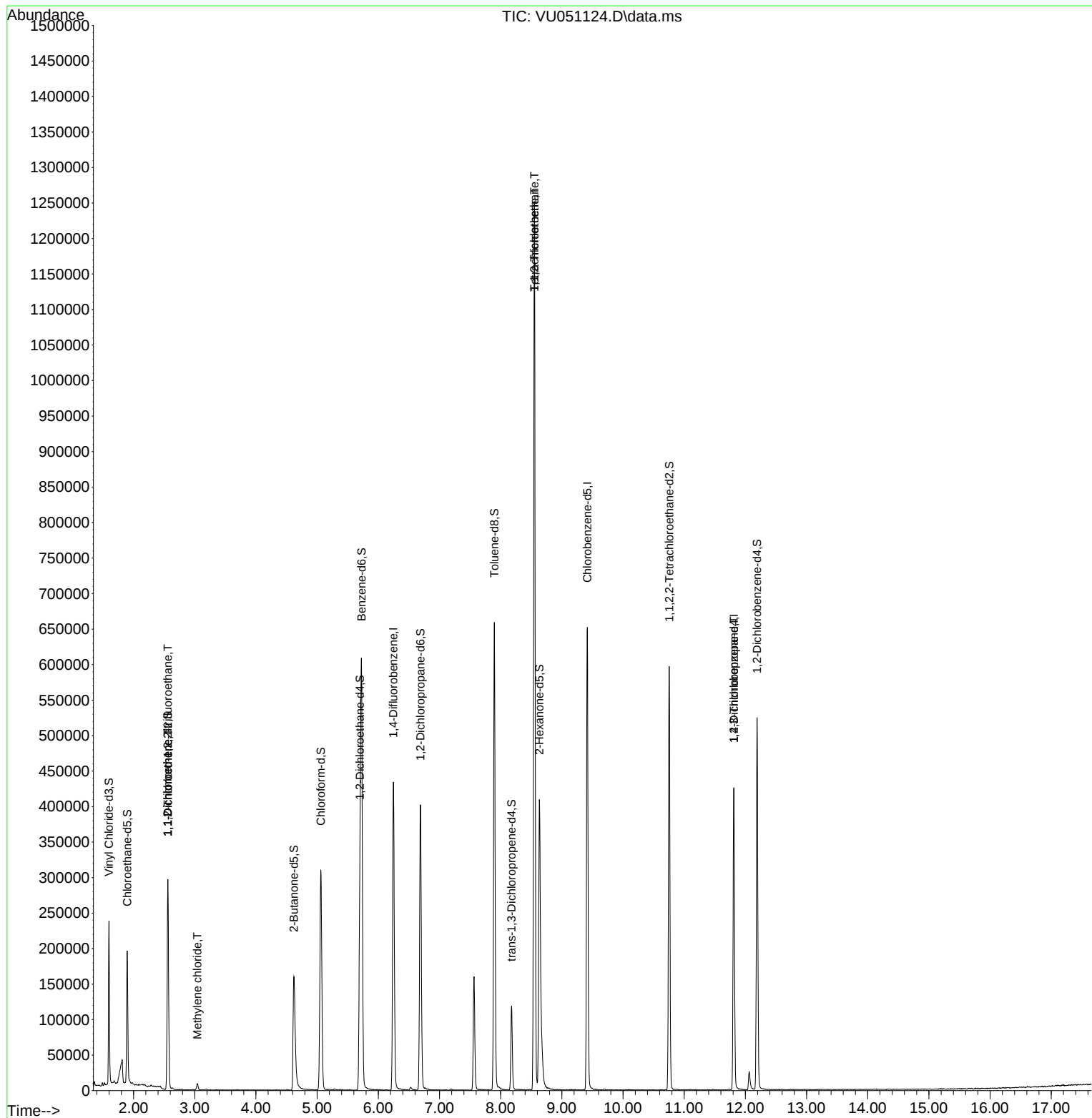
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	346850	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	362110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	152617	43.417	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.840%
7) Chloroethane-d5	1.896	69	143783	44.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.060%
11) 1,1-Dichloroethene-d2	2.559	63	176452	33.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.960%
21) 2-Butanone-d5	4.620	46	226708	99.439	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.440%
24) Chloroform-d	5.060	84	290608	51.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.620%
26) 1,2-Dichloroethane-d4	5.700	65	189819	54.150	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.300%
32) Benzene-d6	5.726	84	565713	53.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.700%
36) 1,2-Dichloropropane-d6	6.687	67	198552	57.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.400%
41) Toluene-d8	7.896	98	436819	44.586	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.180%
43) trans-1,3-Dichloroprop...	8.179	79	65857	40.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.260%
47) 2-Hexanone-d5	8.632	63	114350	82.303	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.300%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	301651	50.161	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.320%
66) 1,2-Dichlorobenzene-d4	12.192	152	136997	53.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.560%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1593	0.602	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	1390	0.562	ug/L #	1
16) Methylene chloride	3.041	84	4489	1.264	ug/L	90
45) 1,1,2-Trichloroethane	8.552	97	2086	0.648	ug/L #	1
46) Tetrachloroethene	8.552	164	278325	128.443	ug/L	99
60) 1,2,3-Trichloropropane	11.812	75	14640	4.665	ug/L #	66

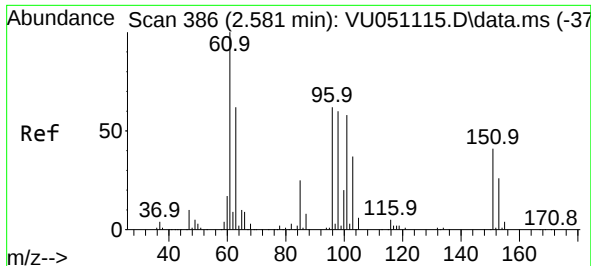
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 06 02:55:50 2022
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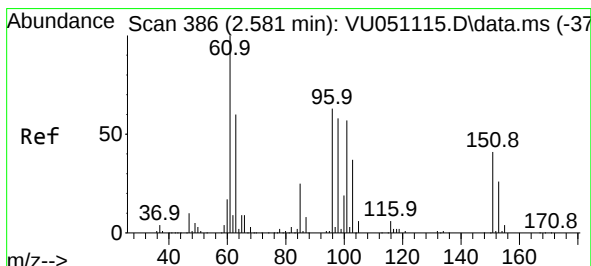
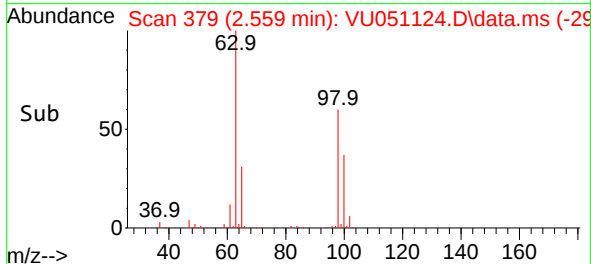
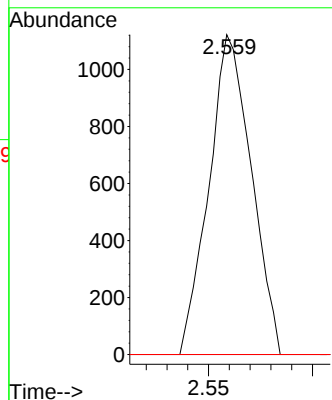
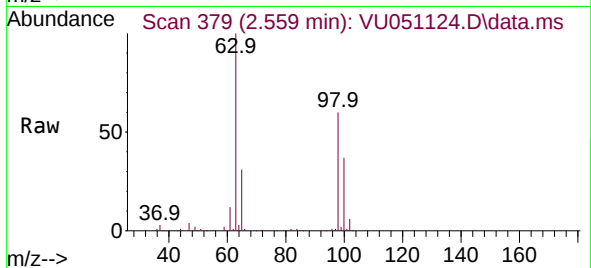




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.602 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.022 min
 Lab File: VU051124.D
 Acq: 05 Oct 2022 14:03

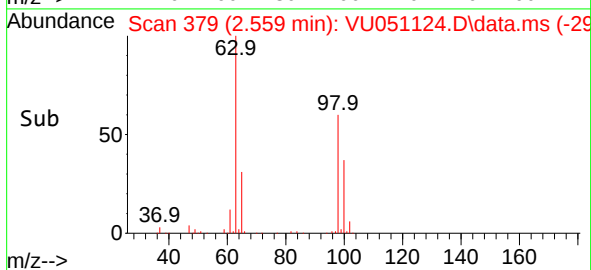
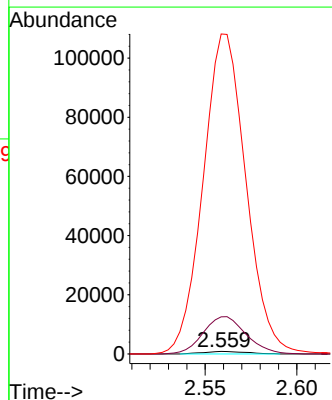
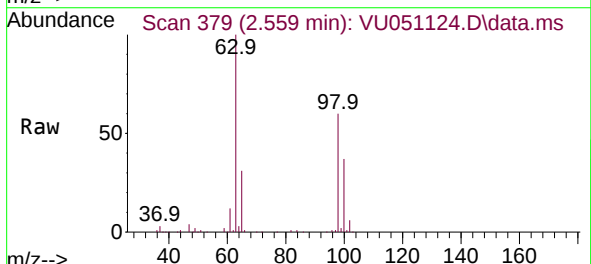
Instrument :
 MSVOA_U
 ClientSampleId :
 EW830

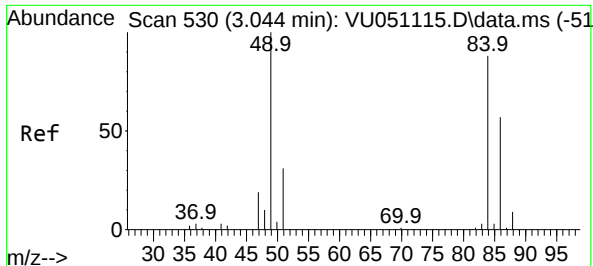
Tgt Ion:101 Resp: 1593
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.562 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.022 min
 Lab File: VU051124.D
 Acq: 05 Oct 2022 14:03

Tgt Ion: 96 Resp: 1390
 Ion Ratio Lower Upper
 96 100
 61 1459.3 113.0 209.9#
 63 12561.2 91.7 170.3#

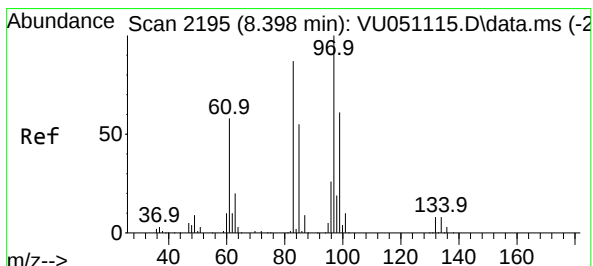
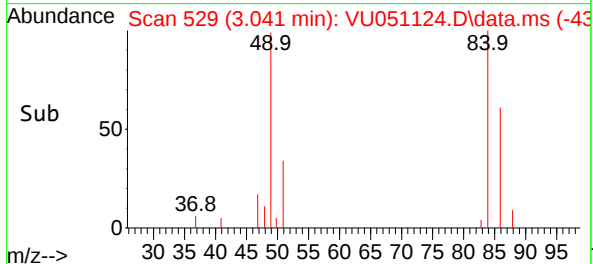
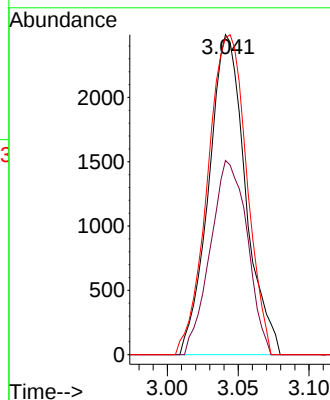
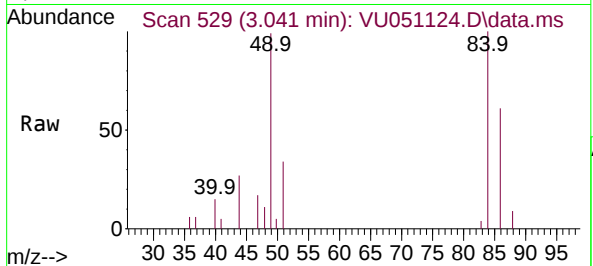




#16
Methylene chloride
Concen: 1.264 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU051124.D
Acq: 05 Oct 2022 14:03

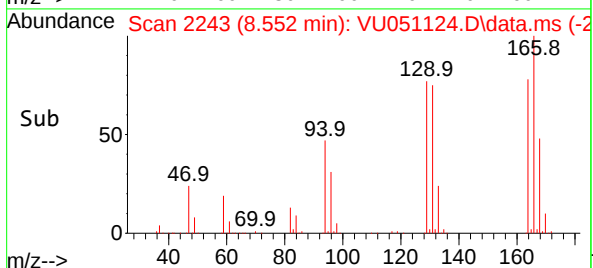
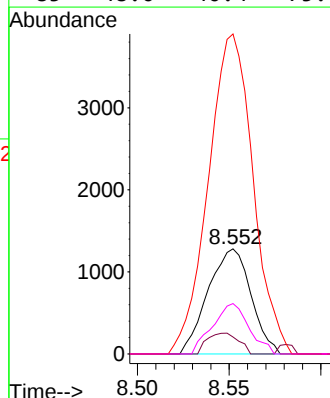
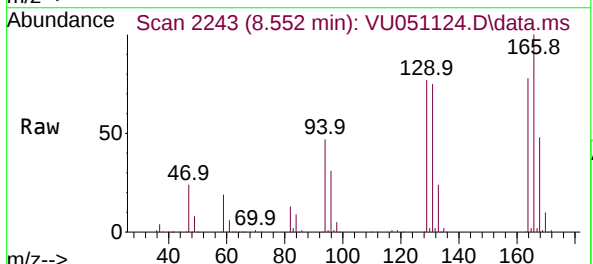
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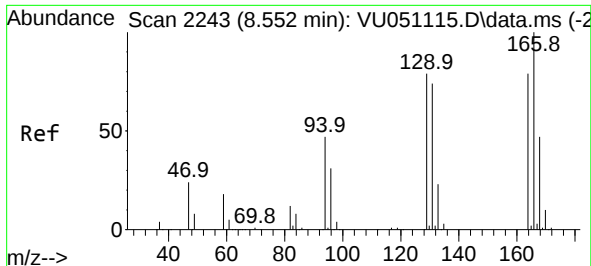
Tgt Ion: 84 Resp: 4489
Ion Ratio Lower Upper
84 100
86 60.7 45.4 84.4
49 99.0 78.3 145.3



#45
1,1,2-Trichloroethane
Concen: 0.648 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.154 min
Lab File: VU051124.D
Acq: 05 Oct 2022 14:03

Tgt Ion: 97 Resp: 2086
Ion Ratio Lower Upper
97 100
99 16.1 44.4 82.4#
83 304.4 61.7 114.5#
85 48.0 40.4 75.0



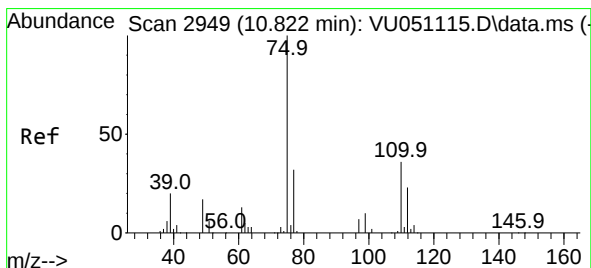
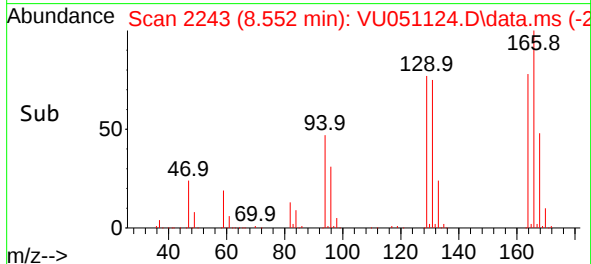
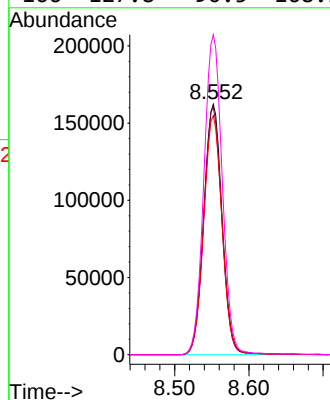
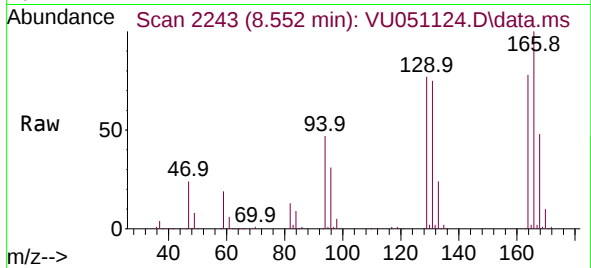


#46
 Tetrachloroethene
 Concen: 128.443 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051124.D
 Acq: 05 Oct 2022 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 EW830

Tgt Ion:164 Resp: 278325

Ion	Ratio	Lower	Upper
164	100		
129	98.8	68.1	126.5
131	95.4	67.8	126.0
166	127.8	90.5	168.1



#60
 1,2,3-Trichloropropane
 Concen: 4.665 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.990 min
 Lab File: VU051124.D
 Acq: 05 Oct 2022 14:03

Tgt Ion: 75 Resp: 14640

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.1	39.1
110	1.1	30.0	45.0

