

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051091.D
 Acq On : 03 Oct 2022 18:39
 Operator : JC/MD
 Sample : N4854-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J29

Quant Time: Oct 03 23:33:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

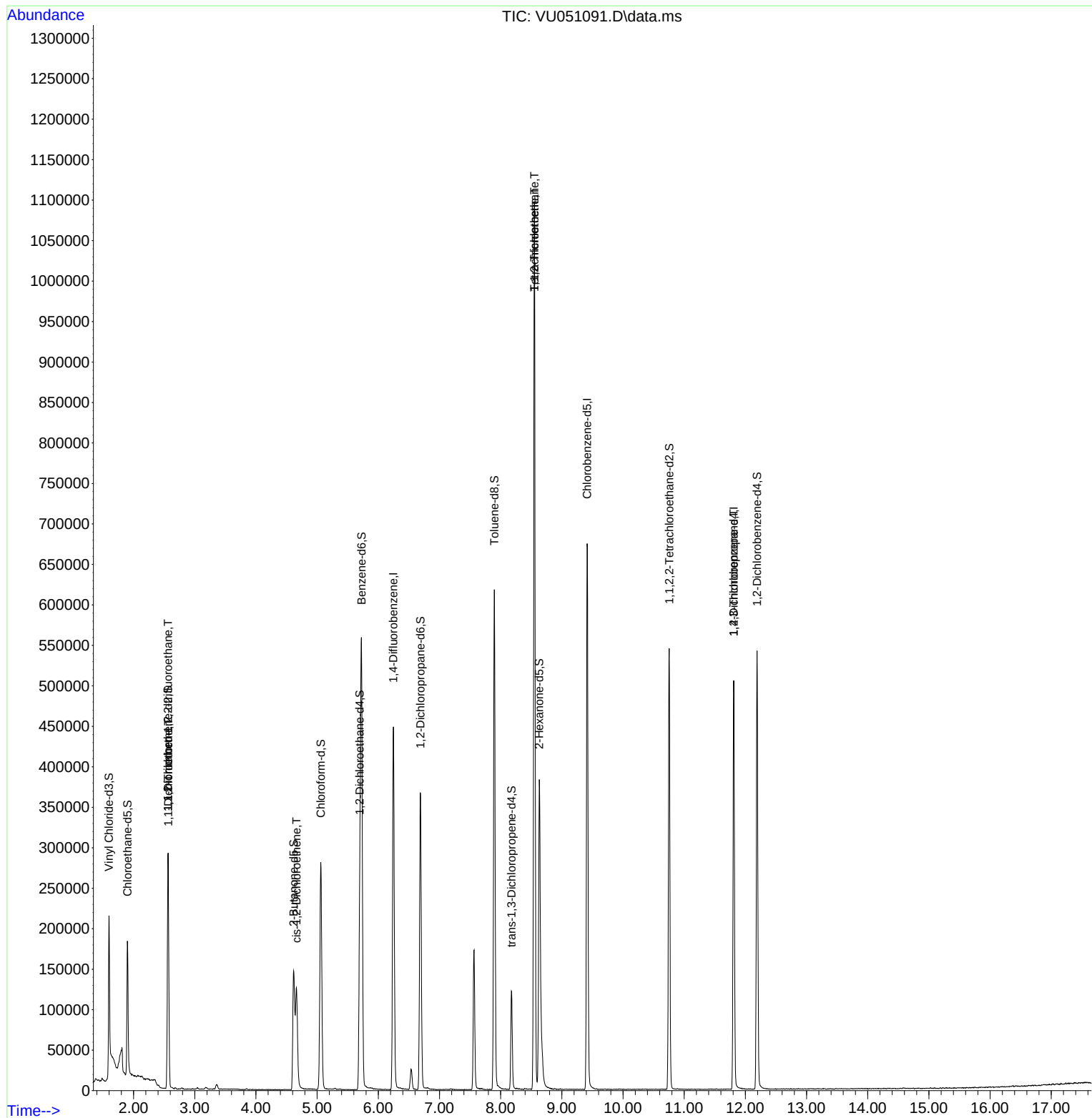
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	359708	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	376383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	133001	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	142789	39.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.340%
7) Chloroethane-d5	1.899	69	126989	37.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.562	63	174746	32.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.900%
21) 2-Butanone-d5	4.616	46	208539	88.200	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.200%
24) Chloroform-d	5.060	84	264135	44.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
26) 1,2-Dichloroethane-d4	5.697	65	172986	47.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
32) Benzene-d6	5.726	84	518954	47.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	6.687	67	179429	50.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.340%
41) Toluene-d8	7.896	98	414317	40.686	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.380%
43) trans-1,3-Dichloroprop...	8.179	79	68015	39.871	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.740%
47) 2-Hexanone-d5	8.629	63	110291	76.371	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.370%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	279228	44.672	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	145781	51.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.620%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1743	0.635	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	1513	0.590	ug/L #	1
20) cis-1,2-Dichloroethene	4.661	96	58622	19.239	ug/L	96
45) 1,1,2-Trichloroethane	8.552	97	2068	0.618	ug/L #	1
46) Tetrachloroethene	8.552	164	236651	105.070	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	16220	4.634	ug/L #	68

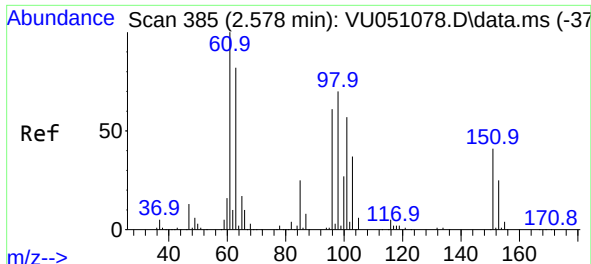
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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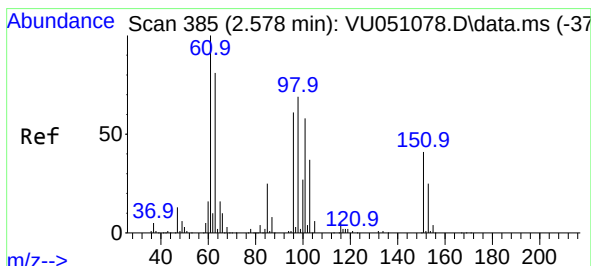
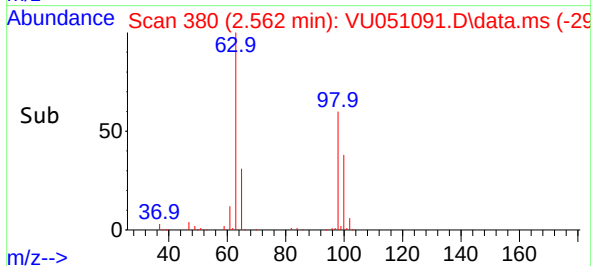
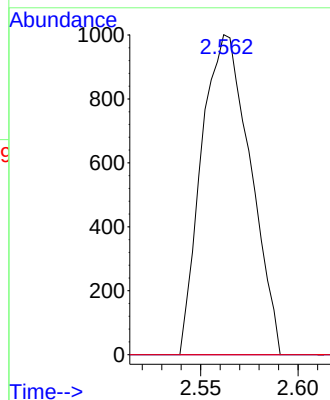
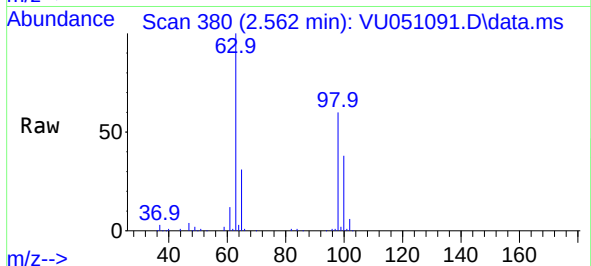




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.635 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU051091.D
 Acq: 03 Oct 2022 18:39

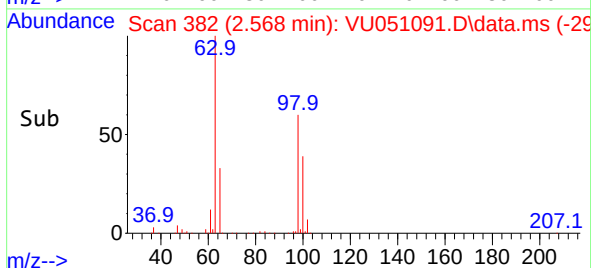
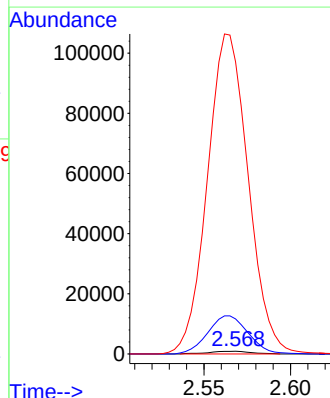
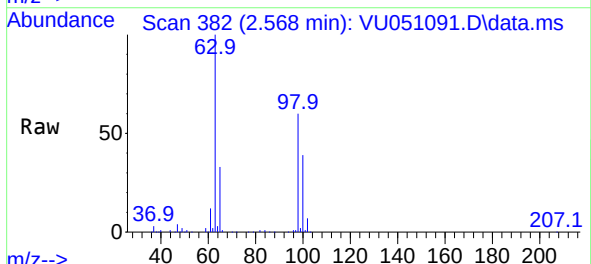
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 MSVOA_U
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 F5J29

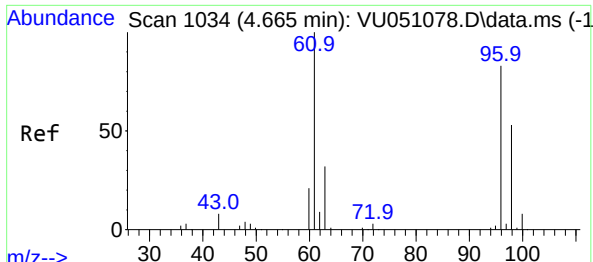
Tgt Ion:101 Resp: 1743
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.590 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051091.D
 Acq: 03 Oct 2022 18:39

Tgt Ion: 96 Resp: 1513
 Ion Ratio Lower Upper
 96 100
 61 1305.7 113.0 209.9#
 63 10894.2 91.7 170.3#

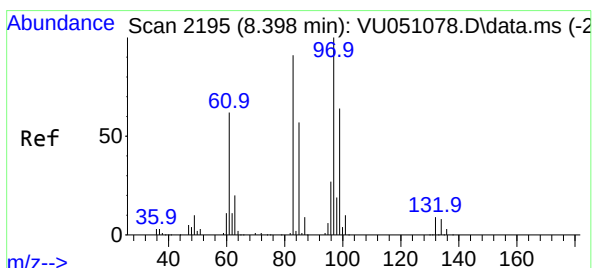
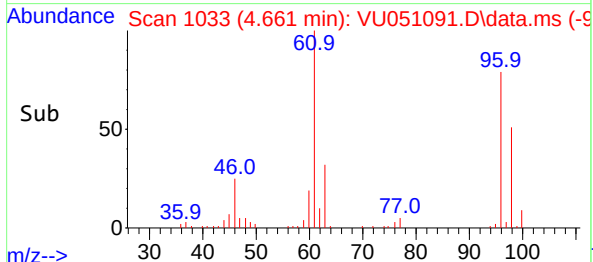
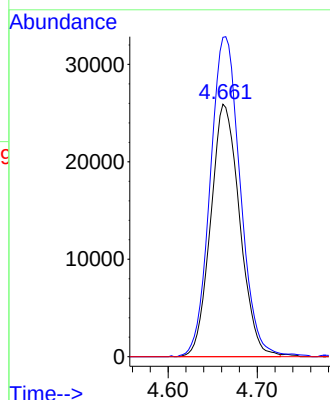
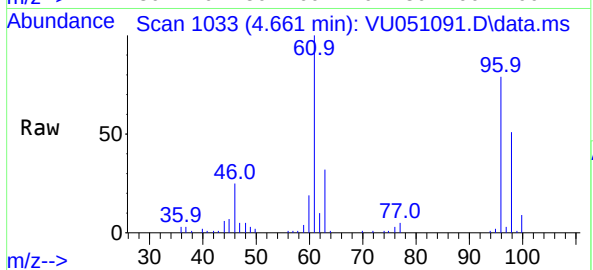




#20
 cis-1,2-Dichloroethene
 Concen: 19.239 ug/L
 RT: 4.661 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU051091.D
 Acq: 03 Oct 2022 18:39

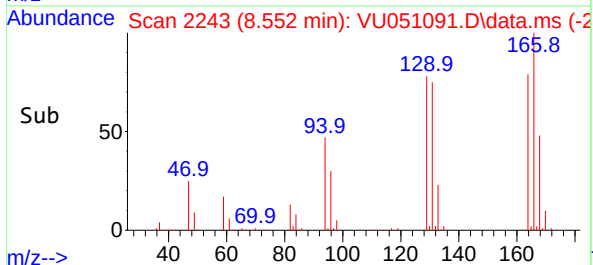
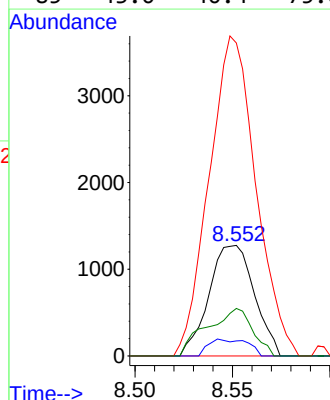
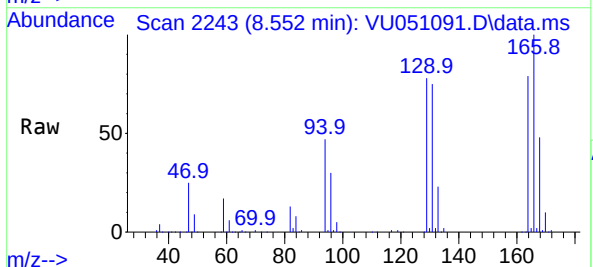
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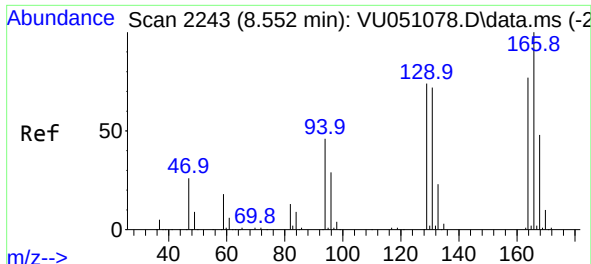
Tgt Ion: 96 Resp: 58622
 Ion Ratio Lower Upper
 96 100
 61 126.5 85.4 158.6
 68 0.0 0.0 0.0



#45
 1,1,2-Trichloroethane
 Concen: 0.618 ug/L
 RT: 8.552 min Scan# 2243
 Delta R.T. 0.154 min
 Lab File: VU051091.D
 Acq: 03 Oct 2022 18:39

Tgt Ion: 97 Resp: 2068
 Ion Ratio Lower Upper
 97 100
 99 13.7 44.4 82.4#
 83 283.3 61.7 114.5#
 85 43.0 40.4 75.0





#46

Tetrachloroethene

Concen: 105.070 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051091.D

Acq: 03 Oct 2022 18:39

Instrument :

MSVOA_U

ClientSampleId :

F5J29

Tgt Ion:164 Resp: 236651

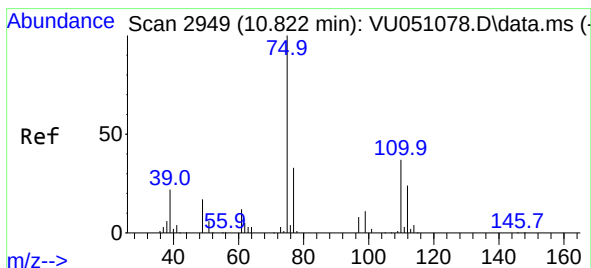
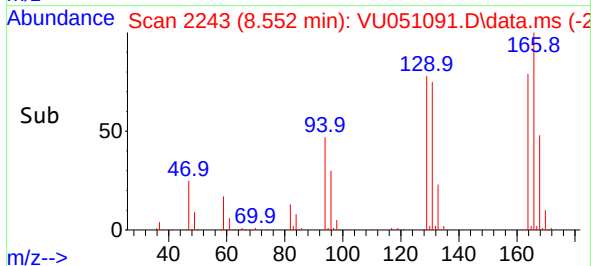
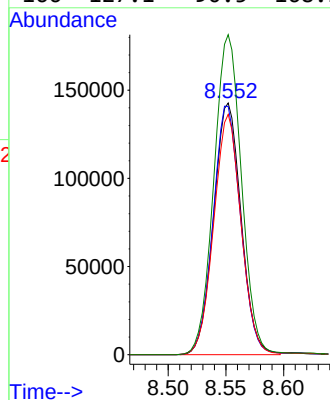
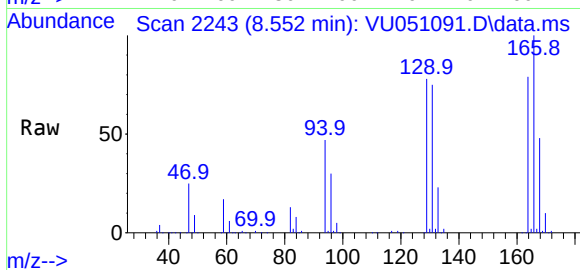
Ion Ratio Lower Upper

164 100

129 98.7 68.1 126.5

131 95.5 67.8 126.0

166 127.1 90.5 168.1



#60

1,2,3-Trichloropropane

Concen: 4.634 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051091.D

Acq: 03 Oct 2022 18:39

Tgt Ion: 75 Resp: 16220

Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1

110 1.7 30.0 45.0#

