

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051062.D
 Acq On : 01 Oct 2022 02:39
 Operator : JC/MD
 Sample : N4869-09DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 04:32:20 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

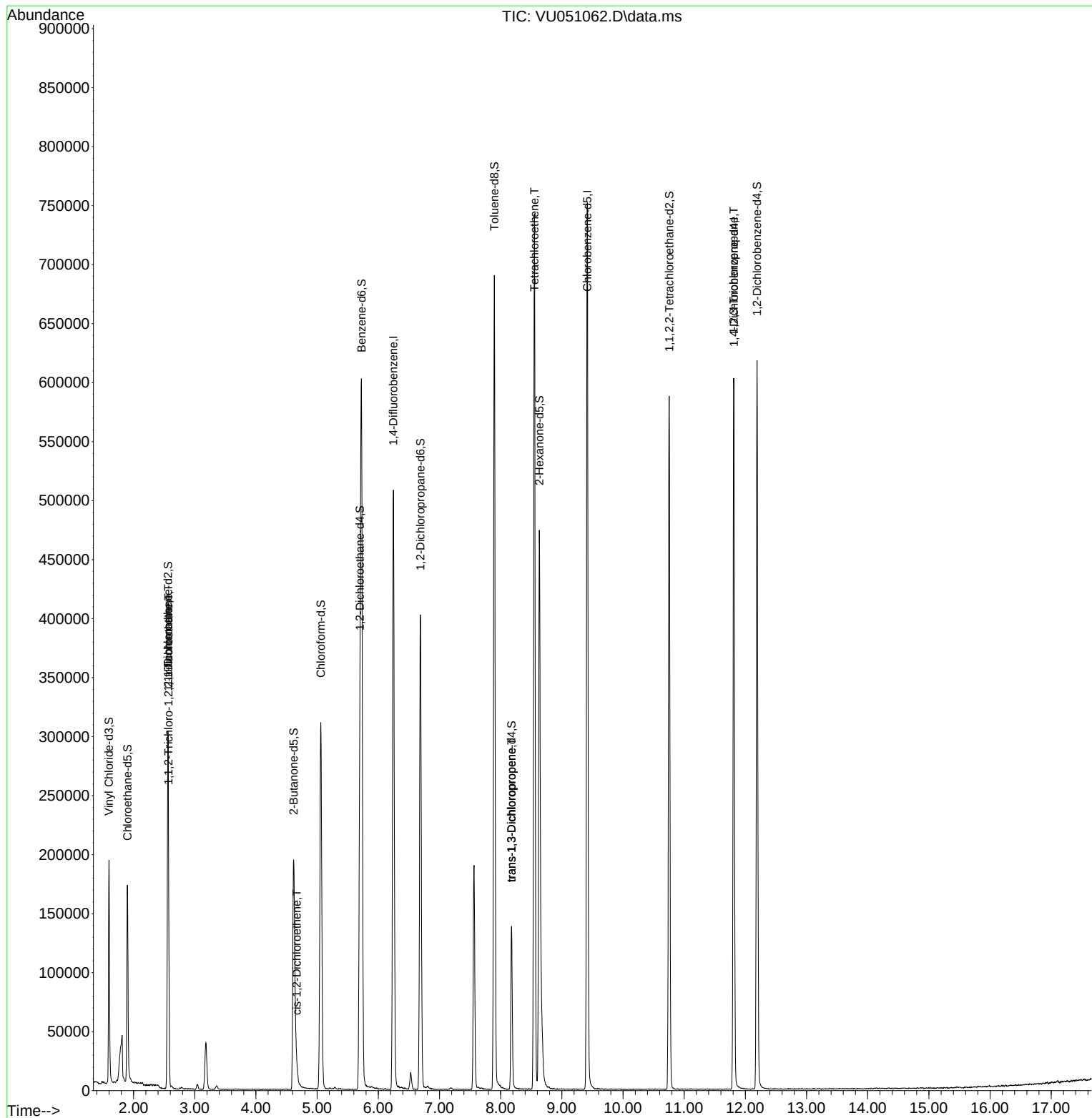
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	401981	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	409974	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	139145	34.156	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.320%	
7) Chloroethane-d5	1.899	69	130354	34.446	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	68.900%#	
11) 1,1-Dichloroethene-d2	2.562	63	182294	30.293	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.580%	
21) 2-Butanone-d5	4.616	46	258880	97.977	ug/L	-0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.980%	
24) Chloroform-d	5.060	84	285886	43.557	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.120%	
26) 1,2-Dichloroethane-d4	5.700	65	187272	46.097	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.200%	
32) Benzene-d6	5.726	84	563817	46.963	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.920%	
36) 1,2-Dichloropropane-d6	6.687	67	195356	50.146	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.300%	
41) Toluene-d8	7.896	98	458969	41.378	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.760%	
43) trans-1,3-Dichloroprop...	8.176	79	76138	40.975	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.960%	
47) 2-Hexanone-d5	8.632	63	138710	88.180	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	88.180%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	301383	44.266	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.540%	
66) 1,2-Dichlorobenzene-d4	12.192	152	159755	48.788	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.580%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1880	0.613	ug/L #	25
12) 1,1-Dichloroethene	2.565	96	1588	0.554	ug/L #	1
20) cis-1,2-Dichloroethene	4.668	96	2985	0.877	ug/L	83
44) trans-1,3-Dichloropropene	8.179	75	3693	0.766	ug/L	86
46) Tetrachloroethene	8.552	164	158721	64.696	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	19280	4.780	ug/L #	66

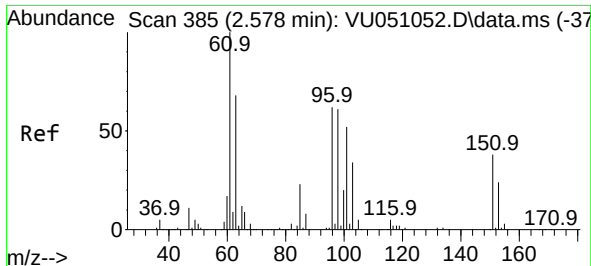
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 01 03:04:59 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.613 ug/L

RT: 2.571 min Scan# 381

Delta R.T. -0.007 min

Lab File: VU051062.D

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Instrument :

MSVOA_U

ClientSampleId :

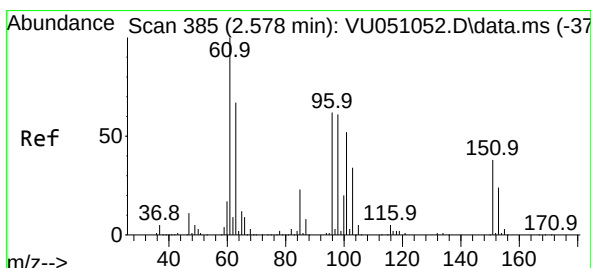
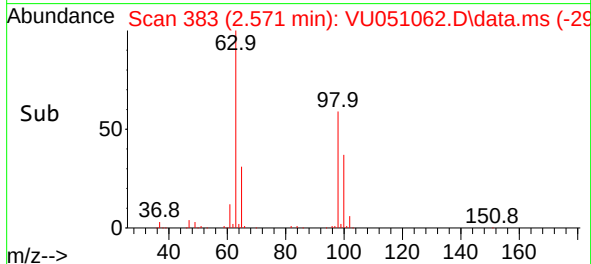
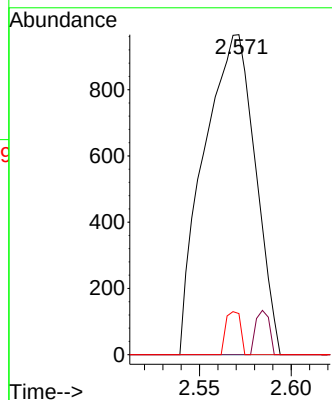
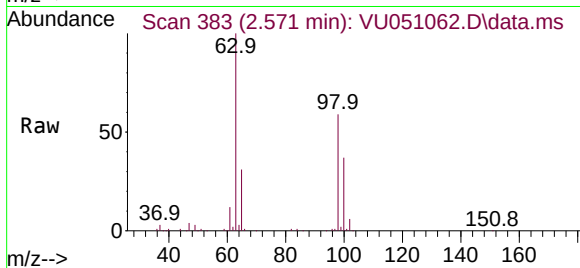
Tgt Ion:101 Resp: 1880

Ion Ratio Lower Upper

101 100

85 3.7 34.6 52.0#

151 3.8 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.554 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051062.D

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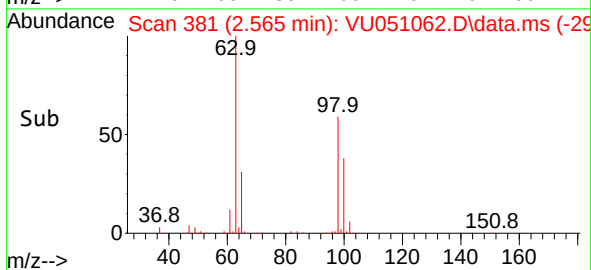
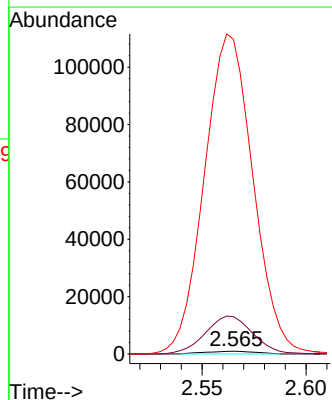
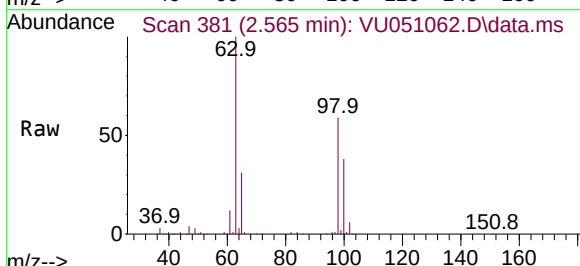
Tgt Ion: 96 Resp: 1588

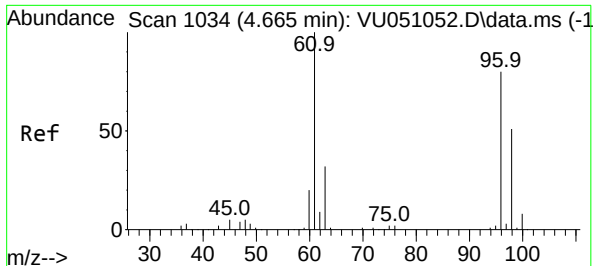
Ion Ratio Lower Upper

96 100

61 1342.3 113.0 209.9#

63 11333.9 91.7 170.3#

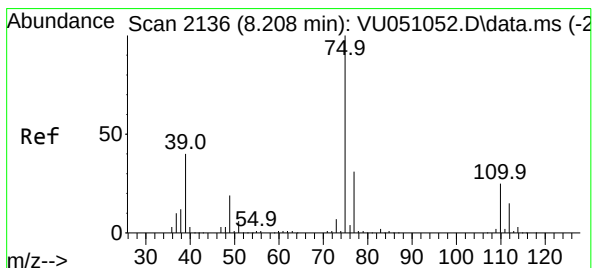
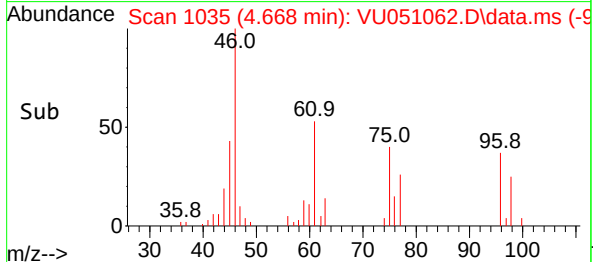
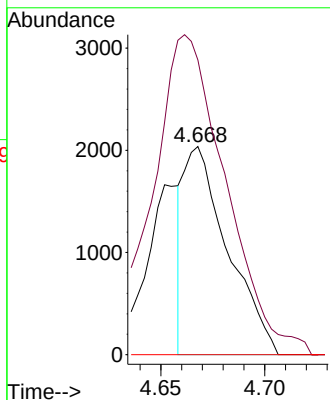
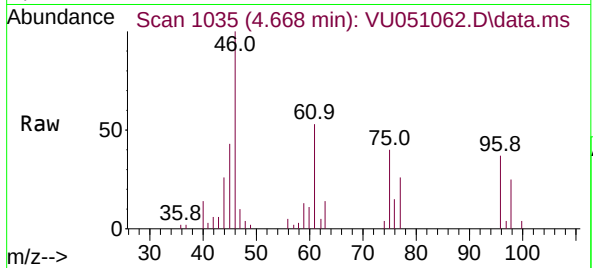




#20
cis-1,2-Dichloroethene
Concen: 0.877 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051062.D
Acq: 01 Oct 2022 02:39

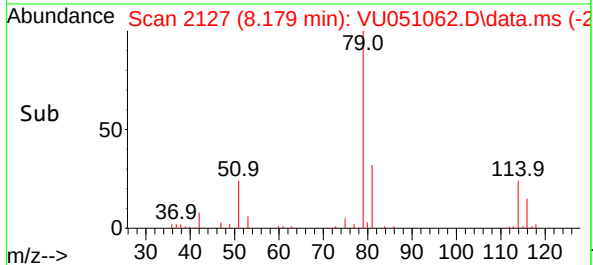
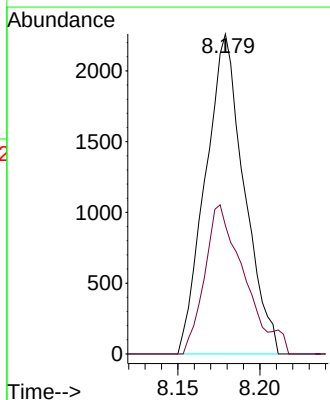
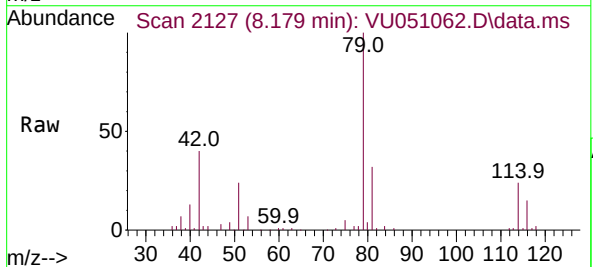
Instrument :
MSVOA_U
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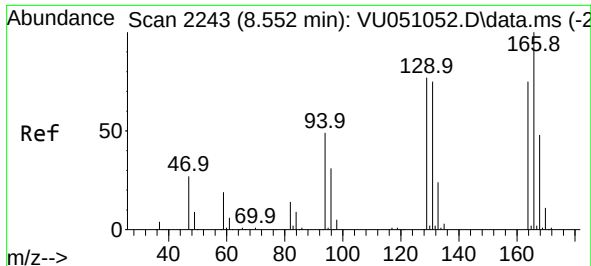
Tgt Ion: 96 Resp: 2985
Ion Ratio Lower Upper
96 100
61 141.5 85.4 158.6
68 0.0 0.0 0.0



#44
trans-1,3-Dichloropropene
Concen: 0.766 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.029 min
Lab File: VU051062.D
Acq: 01 Oct 2022 02:39

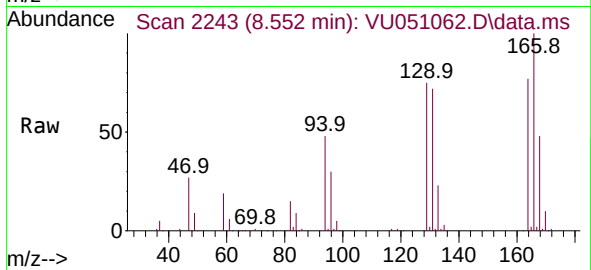
Tgt Ion: 75 Resp: 3693
Ion Ratio Lower Upper
75 100
77 40.2 22.7 42.3



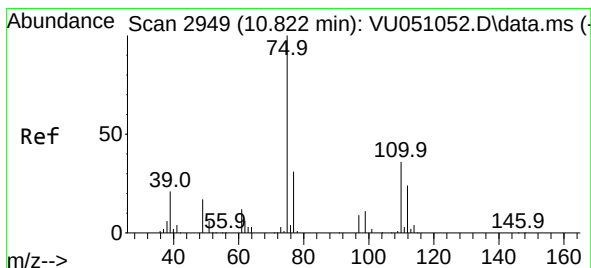
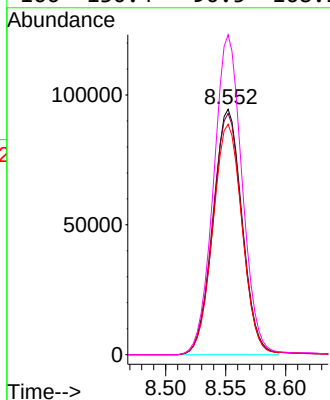
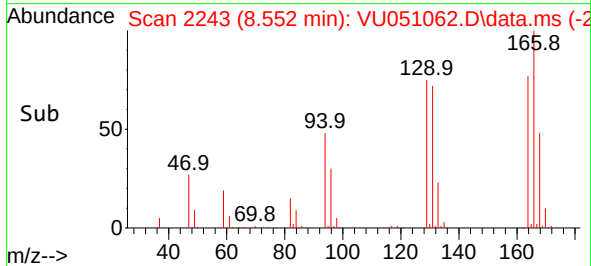


#46
Tetrachloroethene
Concen: 64.696 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051062.D
Acq: 01 Oct 2022 02:39

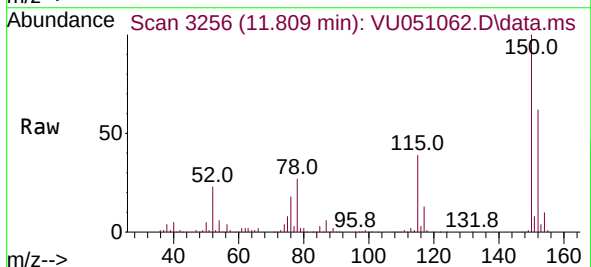
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 158721
Ion Ratio Lower Upper
164 100
129 98.3 68.1 126.5
131 93.9 67.8 126.0
166 130.4 90.5 168.1



#60
1,2,3-Trichloropropane
Concen: 4.780 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051062.D
Acq: 01 Oct 2022 02:39



Tgt Ion: 75 Resp: 19280
Ion Ratio Lower Upper
75 100
77 30.2 26.1 39.1
110 1.6 30.0 45.0#

