

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051136.D
 Acq On : 05 Oct 2022 18:45
 Operator : JC/MD
 Sample : N4853-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY196ME

Quant Time: Oct 06 03:06:07 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)

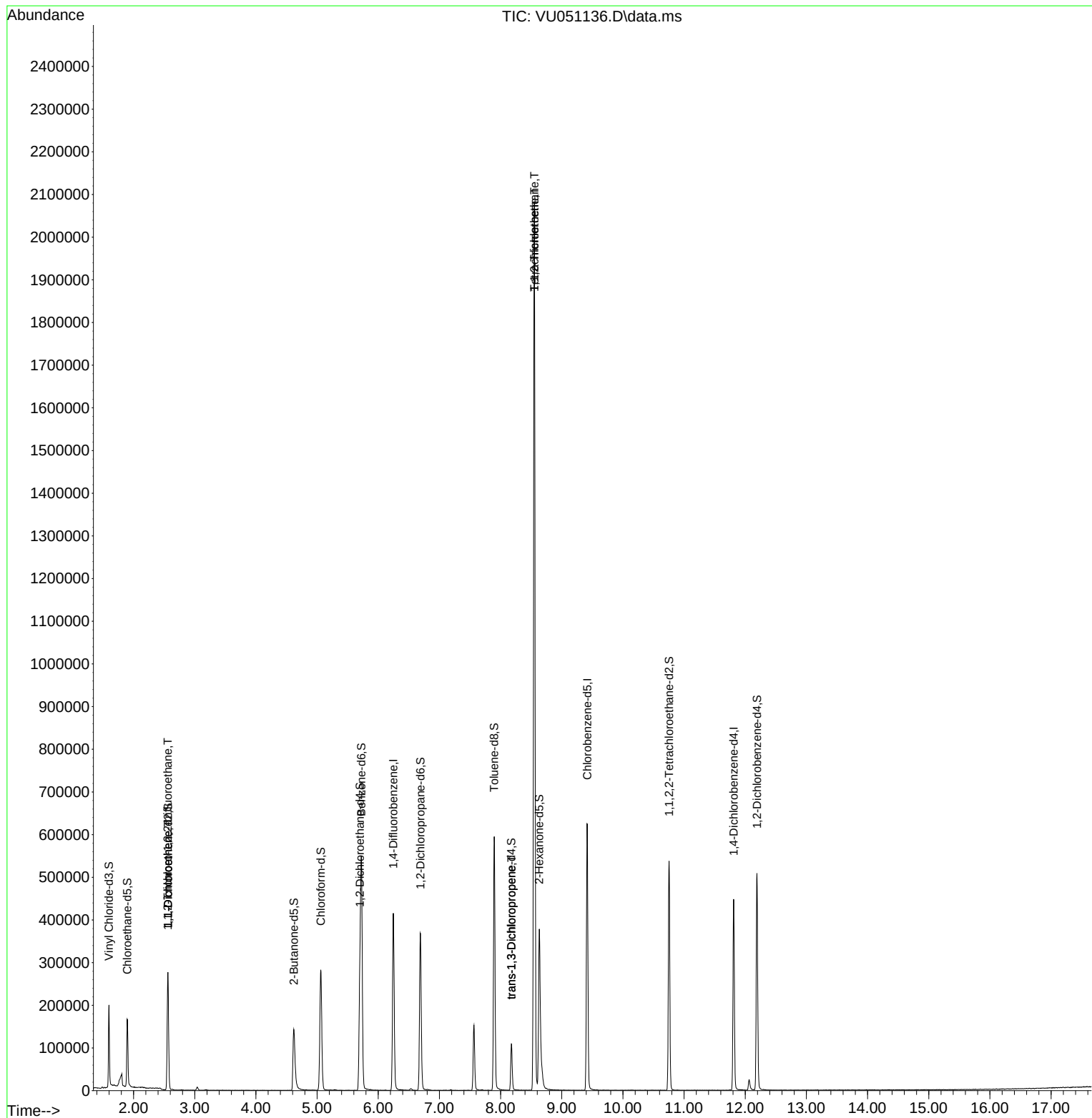
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	331791	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	354358	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119300	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	133271	39.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.260%
7) Chloroethane-d5	1.896	69	120315	38.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.040%
11) 1,1-Dichloroethene-d2	2.562	63	161845	32.584	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.160%
21) 2-Butanone-d5	4.620	46	200343	91.863	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.860%
24) Chloroform-d	5.060	84	268419	49.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.100%
26) 1,2-Dichloroethane-d4	5.700	65	174796	52.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.260%
32) Benzene-d6	5.726	84	511411	49.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.560%
36) 1,2-Dichloropropane-d6	6.690	67	182076	54.073	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.140%
41) Toluene-d8	7.896	98	396858	41.393	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.780%
43) trans-1,3-Dichloroprop...	8.176	79	61212	38.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.220%
47) 2-Hexanone-d5	8.632	63	105060	77.271	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.270%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	277494	47.154	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.300%
66) 1,2-Dichlorobenzene-d4	12.192	152	137353	53.894	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.780%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1531	0.604	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1162	0.491	ug/L #	1
44) trans-1,3-Dichloropropene	8.179	75	2902	0.697	ug/L #	67
45) 1,1,2-Trichloroethane	8.552	97	3867	1.227	ug/L #	1
46) Tetrachloroethene	8.552	164	460320	217.079	ug/L	98

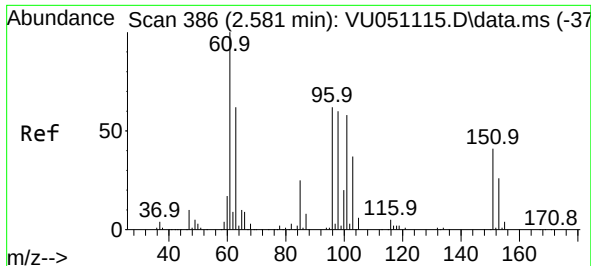
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.604 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.022 min

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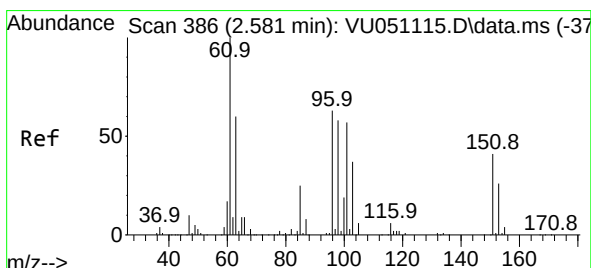
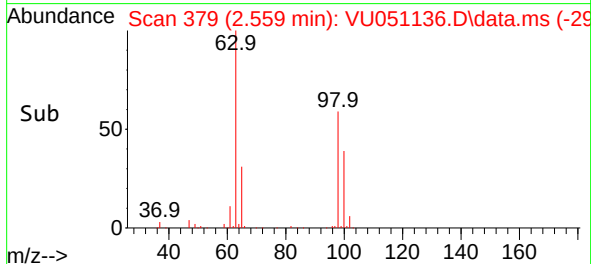
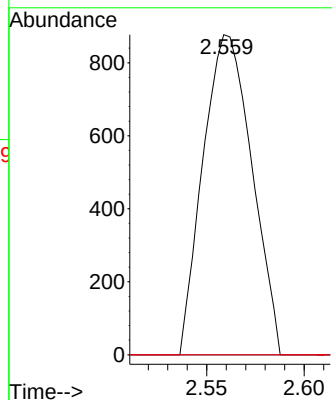
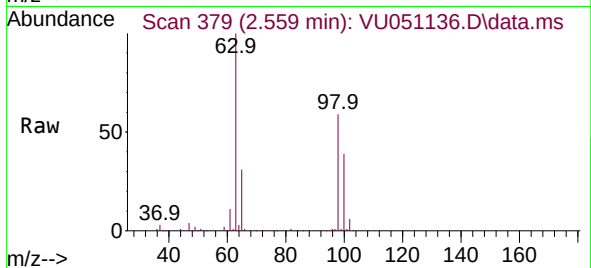
Tgt Ion:101 Resp: 1531

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: 0.491 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.019 min

Lab File: VU051136.D

Acq: 05 Oct 2022 18:45

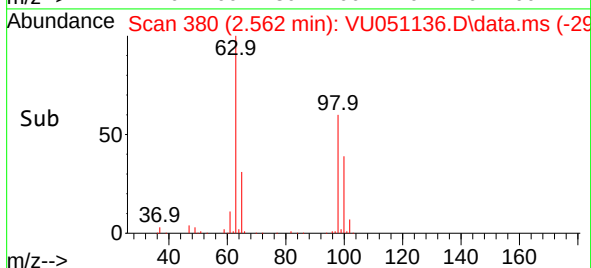
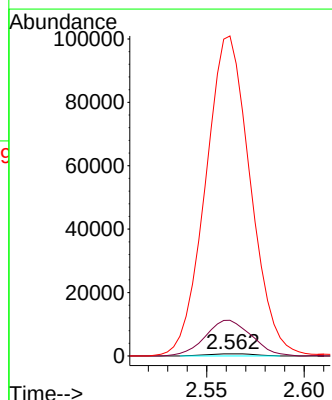
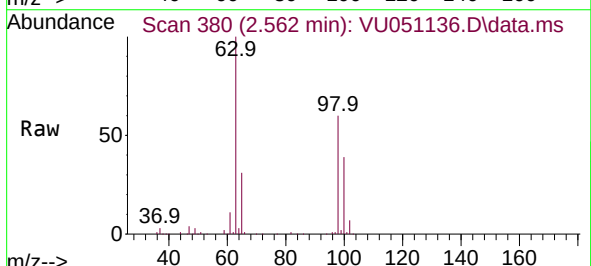
Tgt Ion: 96 Resp: 1162

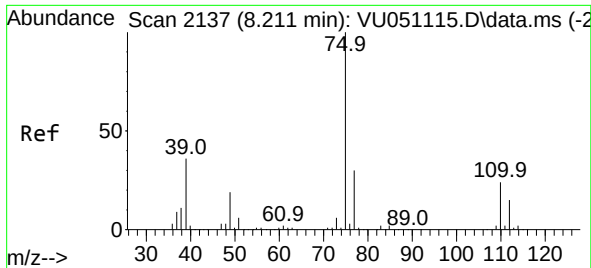
Ion Ratio Lower Upper

96 100

61 1714.0 113.0 209.9#

63 15339.8 91.7 170.3#

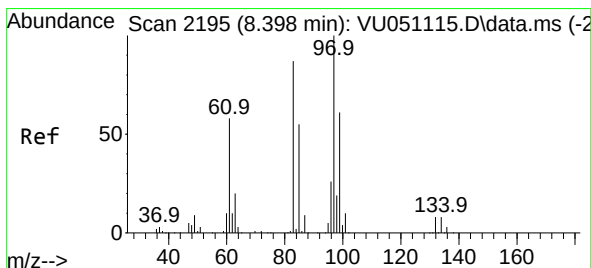
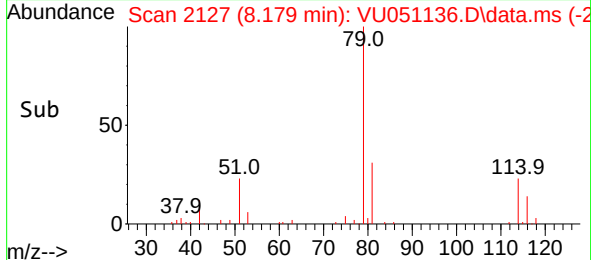
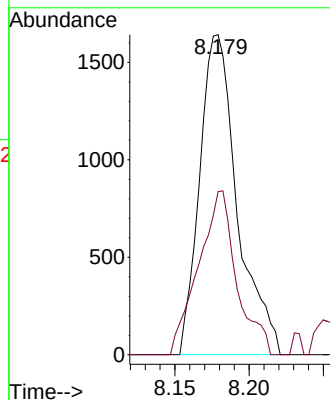
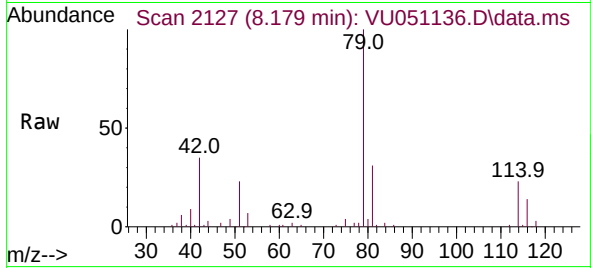




#44
trans-1,3-Dichloropropene
Concen: 0.697 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU051136.D
Acq: 05 Oct 2022 18:45

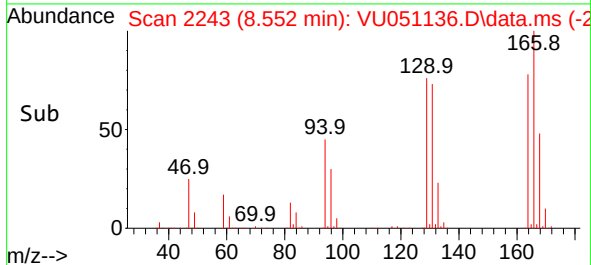
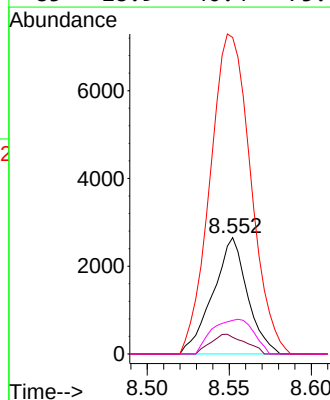
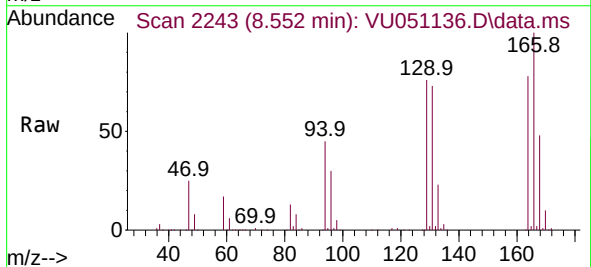
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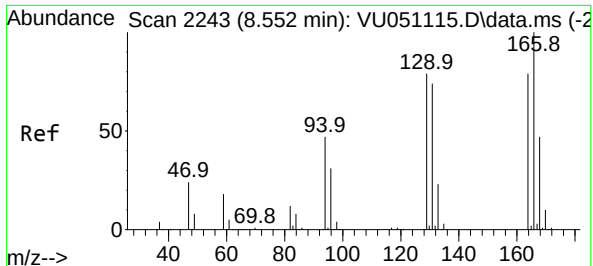
Tgt Ion: 75 Resp: 2902
Ion Ratio Lower Upper
75 100
77 51.0 22.7 42.3#



#45
1,1,2-Trichloroethane
Concen: 1.227 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.154 min
Lab File: VU051136.D
Acq: 05 Oct 2022 18:45

Tgt Ion: 97 Resp: 3867
Ion Ratio Lower Upper
97 100
99 14.3 44.4 82.4#
83 272.2 61.7 114.5#
85 28.9 40.4 75.0#





#46
 Tetrachloroethene
 Concen: 217.079 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051136.D
 Acq: 05 Oct 2022 18:45

Instrument :
 MSVOA_U
 ClientSampleId :
 EY196ME

Tgt Ion:164 Resp: 460320
 Ion Ratio Lower Upper
 164 100
 129 97.7 68.1 126.5
 131 93.7 67.8 126.0
 166 127.8 90.5 168.1

