

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051095.D
 Acq On : 03 Oct 2022 20:11
 Operator : JC/MD
 Sample : N4854-16 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J07

Quant Time: Oct 03 23:34:18 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)

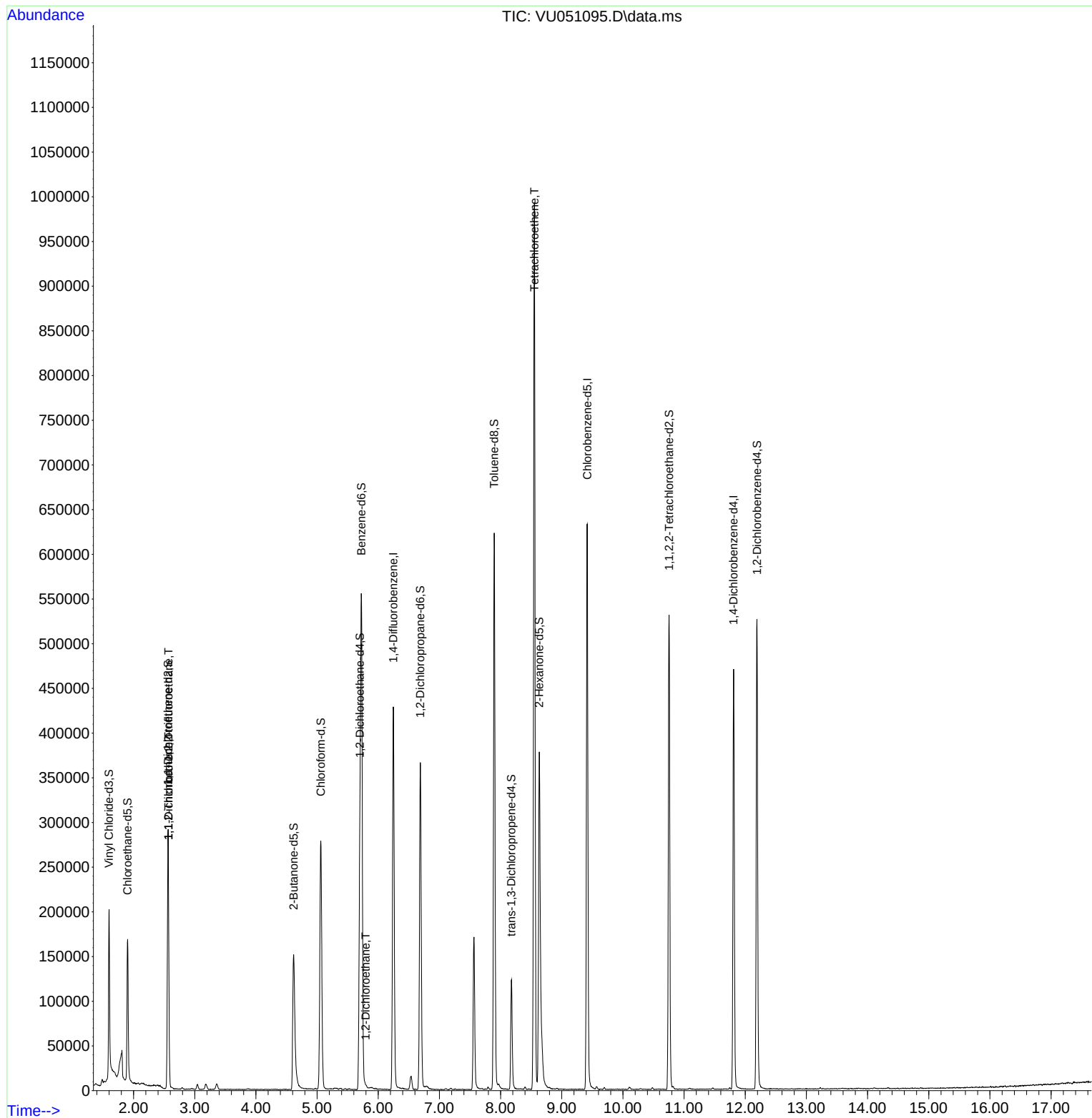
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	342522	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	358872	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	135067	38.910	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.820%	
7) Chloroethane-d5	1.903	69	123891	38.421	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	76.840%	
11) 1,1-Dichloroethene-d2	2.565	63	171850	33.514	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.020%	
21) 2-Butanone-d5	4.616	46	213299	94.740	ug/L	-0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.740%	
24) Chloroform-d	5.060	84	264248	47.249	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.500%	
26) 1,2-Dichloroethane-d4	5.700	65	171686	49.596	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.200%	
32) Benzene-d6	5.726	84	519213	49.406	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.820%	
36) 1,2-Dichloropropane-d6	6.687	67	182324	53.466	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.940%	
41) Toluene-d8	7.896	98	414969	42.738	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.480%	
43) trans-1,3-Dichloroprop...	8.176	79	68751	42.269	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.540%	
47) 2-Hexanone-d5	8.632	63	108674	78.924	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	78.920%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	276076	46.323	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.640%	
66) 1,2-Dichlorobenzene-d4	12.192	152	138573	51.791	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.580%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	2157	0.825	ug/L #	27
12) 1,1-Dichloroethene	2.571	96	1766	0.723	ug/L #	1
27) 1,2-Dichloroethane	5.793	62	1773	0.431	ug/L #	75
46) Tetrachloroethene	8.552	164	218453	101.723	ug/L	98

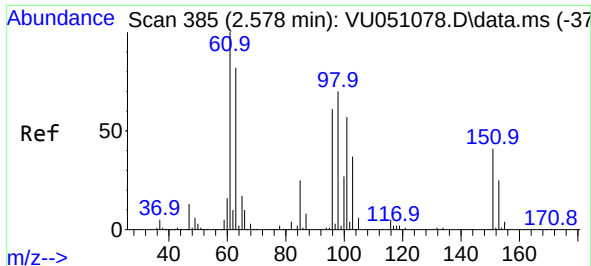
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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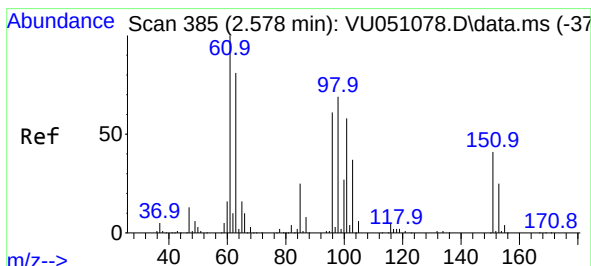
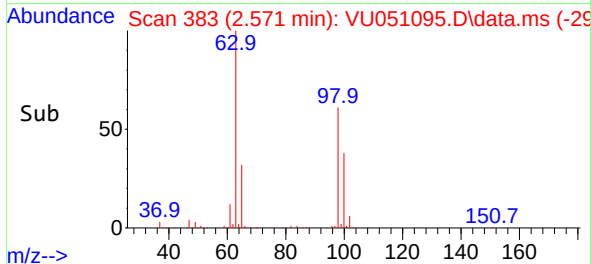
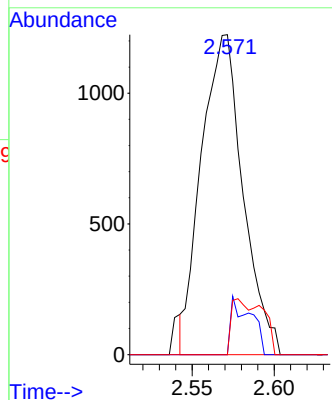
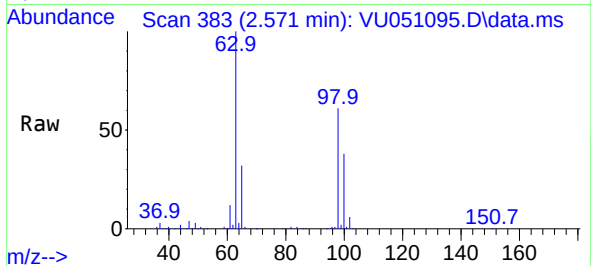




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.825 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.007 min
Lab File: VU051095.D
Acq: 03 Oct 2022 20:11

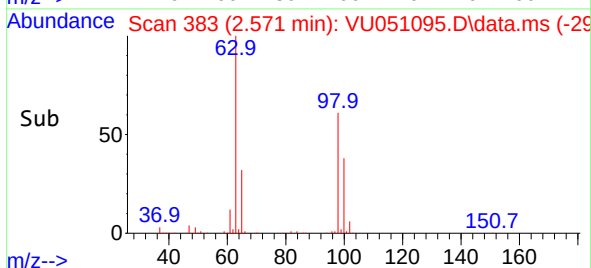
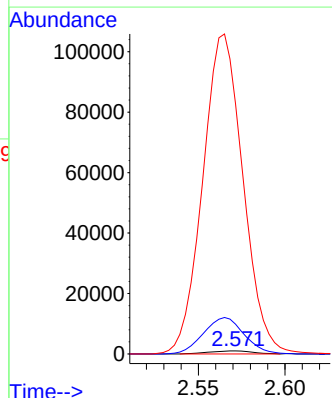
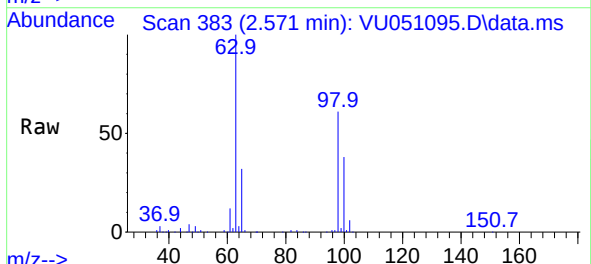
Instrument :
MSVOA_U
ClientSampleId :
F5J07

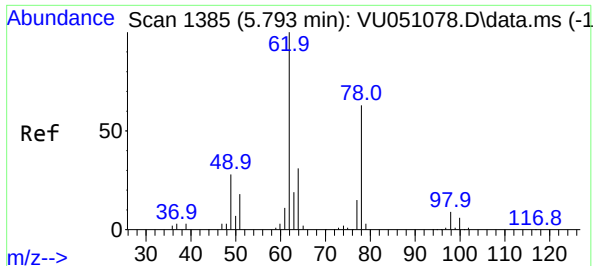
Tgt Ion:101 Resp: 2157
Ion Ratio Lower Upper
101 100
85 3.3 34.6 52.0#
151 7.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.723 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.007 min
Lab File: VU051095.D
Acq: 03 Oct 2022 20:11

Tgt Ion: 96 Resp: 1766
Ion Ratio Lower Upper
96 100
61 976.1 113.0 209.9#
63 8208.9 91.7 170.3#

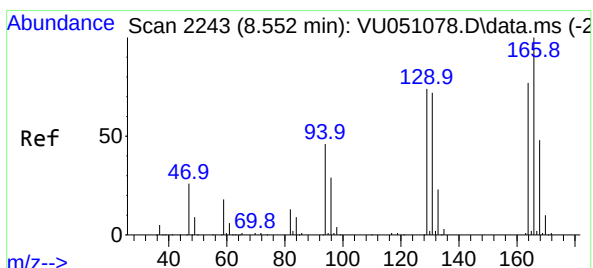
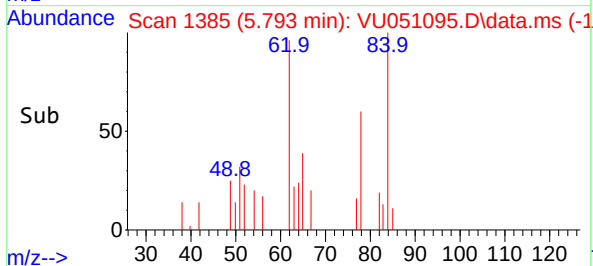
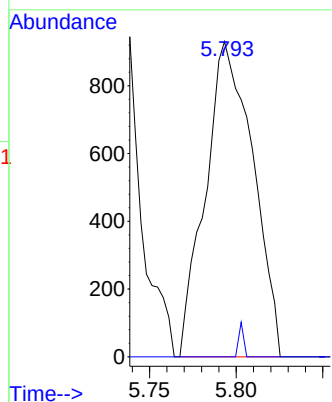
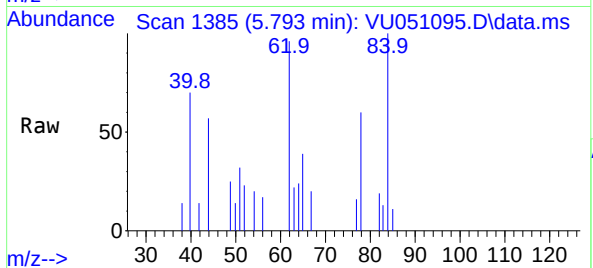




#27
1,2-Dichloroethane
Concen: 0.431 ug/L
RT: 5.793 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051095.D
Acq: 03 Oct 2022 20:11

Instrument :
MSVOA_U
ClientSampleId :
F5J07

Tgt Ion: 62 Resp: 1773
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#46
Tetrachloroethene
Concen: 101.723 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051095.D
Acq: 03 Oct 2022 20:11

Tgt Ion:164 Resp: 218453
Ion Ratio Lower Upper
164 100
129 96.6 68.1 126.5
131 92.5 67.8 126.0
166 126.8 90.5 168.1

